

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037659.D
 Acq On : 12 Sep 2023 11:18
 Operator : JC/MD
 Sample : VX0912WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBS01

Quant Time: Sep 12 11:44:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	207849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154202	45.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.700%		
35) Dibromofluoromethane	5.385	113	125706	50.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.400%		
50) Toluene-d8	8.647	98	507320	53.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.440%		
62) 4-Bromofluorobenzene	11.079	95	183687	53.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42978	19.340	ug/l	94
3) Chloromethane	1.300	50	46400	17.802	ug/l	96
4) Vinyl Chloride	1.374	62	52749	18.389	ug/l	99
5) Bromomethane	1.605	94	45166	18.490	ug/l	99
6) Chloroethane	1.685	64	37196	19.071	ug/l	99
7) Trichlorofluoromethane	1.886	101	86912	17.865	ug/l	99
8) Diethyl Ether	2.136	74	32970	16.770	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	40111	18.641	ug/l	99
10) Methyl Iodide	2.453	142	46970	18.363	ug/l	94
11) Tert butyl alcohol	2.959	59	60337	79.265	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	38230	18.085	ug/l	94
13) Acrolein	2.233	56	49423	89.951	ug/l	98
14) Allyl chloride	2.666	41	67429	17.926	ug/l	97
15) Acrylonitrile	3.062	53	131254	82.992	ug/l	98
16) Acetone	2.380	43	122289	87.968	ug/l	93
17) Carbon Disulfide	2.514	76	92463	16.968	ug/l	98
18) Methyl Acetate	2.703	43	96137	16.500	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	148120	17.357	ug/l	97
20) Methylene Chloride	2.788	84	50310	18.299	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44238	17.648	ug/l	93
22) Diisopropyl ether	3.763	45	152800	18.611	ug/l #	85
23) Vinyl Acetate	3.721	43	536953	89.139	ug/l	97
24) 1,1-Dichloroethane	3.611	63	86763	18.063	ug/l	99
25) 2-Butanone	4.556	43	185377	83.051	ug/l	94
26) 2,2-Dichloropropane	4.471	77	67418	20.271	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	53107	17.716	ug/l	95
28) Bromochloromethane	4.897	49	44252	18.169	ug/l	91
29) Tetrahydrofuran	5.007	42	118558	82.350	ug/l	91
30) Chloroform	5.086	83	93972	18.044	ug/l	99
31) Cyclohexane	5.470	56	73485	18.977	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	80031	18.296	ug/l	100
36) 1,1-Dichloropropene	5.690	75	64590	18.705	ug/l	98
37) Ethyl Acetate	4.714	43	71802	18.030	ug/l	97
38) Carbon Tetrachloride	5.678	117	65788	19.076	ug/l	96
39) Methylcyclohexane	7.379	83	81120	19.973	ug/l	96
40) Benzene	6.037	78	200765	19.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36286	17.151	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	74120	18.218	ug/l	99
43) Isopropyl Acetate	6.342	43	115446	18.339	ug/l	99
44) Trichloroethene	7.123	130	49582	19.349	ug/l	94
45) 1,2-Dichloropropane	7.427	63	52838	19.179	ug/l	99
46) Dibromomethane	7.580	93	36530	18.174	ug/l	97
47) Bromodichloromethane	7.818	83	67748	18.806	ug/l	99
48) Methyl methacrylate	7.696	41	54950	17.873	ug/l	88
49) 1,4-Dioxane	7.659	88	25952	338.893	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	380948	91.781	ug/l	97
52) Toluene	8.720	92	134646	20.267	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	71136	19.536	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78147	19.679	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	53559	18.748	ug/l	94
56) Ethyl methacrylate	9.116	69	81210	18.916	ug/l	94
57) 1,3-Dichloropropane	9.305	76	87584	18.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	202518	97.736	ug/l	98
59) 2-Hexanone	9.427	43	300264	94.314	ug/l	96
60) Dibromochloromethane	9.518	129	52663	18.992	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55656	18.476	ug/l	99
64) Tetrachloroethene	9.275	164	43487	19.629	ug/l	99
65) Chlorobenzene	10.079	112	144992	19.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50787	19.518	ug/l	99
67) Ethyl Benzene	10.195	91	265471	20.022	ug/l	99
68) m/p-Xylenes	10.299	106	203264	40.234	ug/l	100
69) o-Xylene	10.640	106	101371	20.235	ug/l	100
70) Styrene	10.652	104	163677	19.804	ug/l	97
71) Bromoform	10.799	173	36091	18.145	ug/l #	99
73) Isopropylbenzene	10.963	105	267257	20.283	ug/l	98
74) N-amyl acetate	10.841	43	108646	18.678	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89908	17.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70208m	17.739	ug/l	
77) Bromobenzene	11.195	156	61238	19.365	ug/l	95
78) n-propylbenzene	11.305	91	309899	20.378	ug/l	100
79) 2-Chlorotoluene	11.366	91	187248	20.021	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226569	20.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22215	17.543	ug/l	97
82) 4-Chlorotoluene	11.451	91	212569	19.970	ug/l	98
83) tert-Butylbenzene	11.713	119	224128	20.194	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	230315	20.602	ug/l	99
85) sec-Butylbenzene	11.890	105	281160	20.439	ug/l	100
86) p-Isopropyltoluene	12.012	119	235047	20.750	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118203	19.673	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	118747	19.413	ug/l	98
89) n-Butylbenzene	12.329	91	209362	20.646	ug/l	96
90) Hexachloroethane	12.536	117	38823	20.272	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	118814	19.447	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18107	17.257	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	70921	19.985	ug/l	96
94) Hexachlorobutadiene	13.725	225	31713	20.619	ug/l	97
95) Naphthalene	13.774	128	240613	18.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71483	19.534	ug/l	97

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QLast Update : Tue Sep 12 10:10:04 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

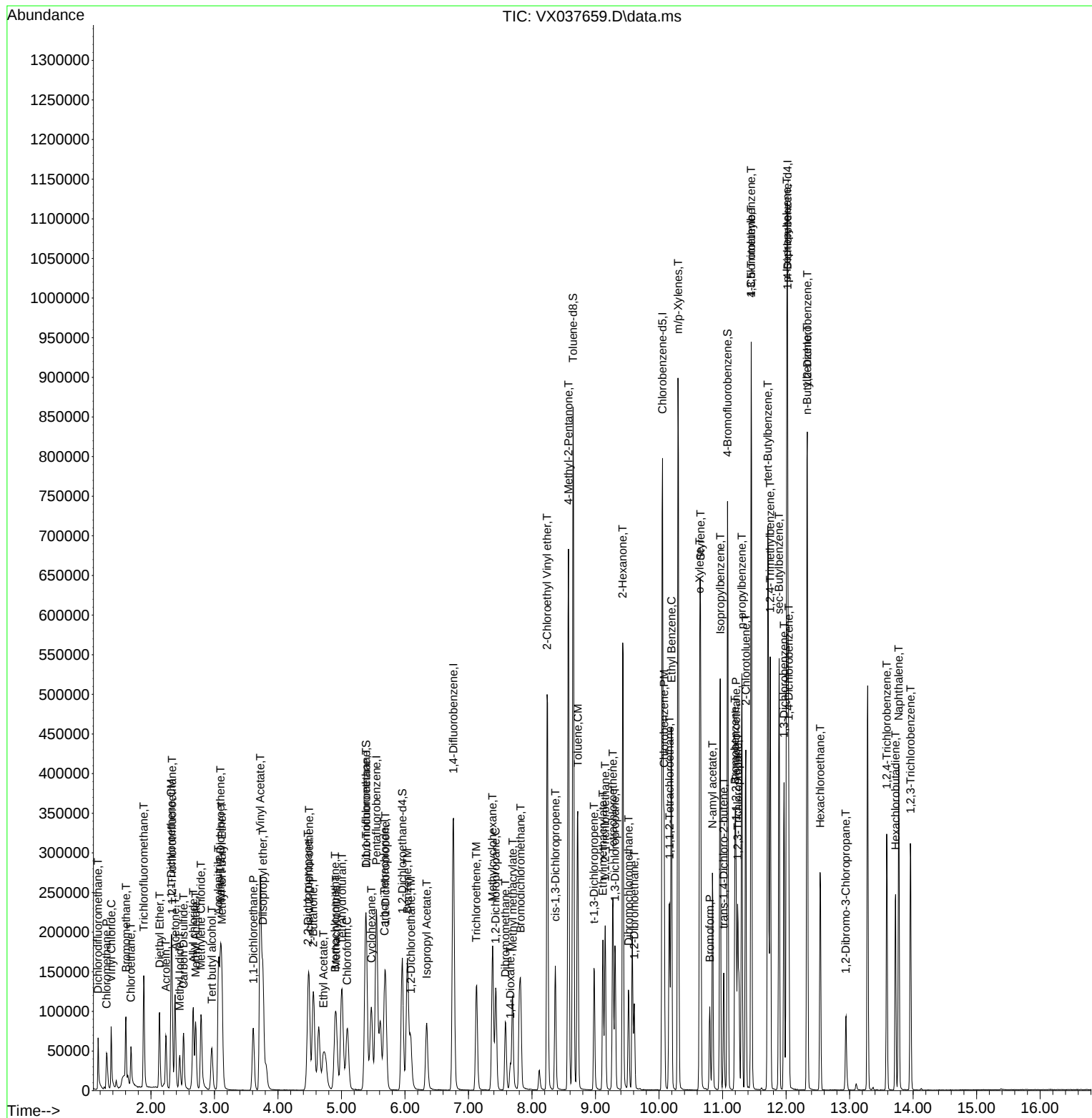
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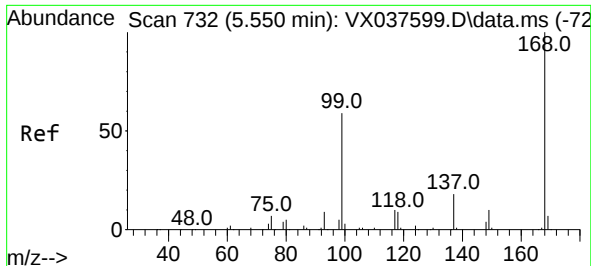
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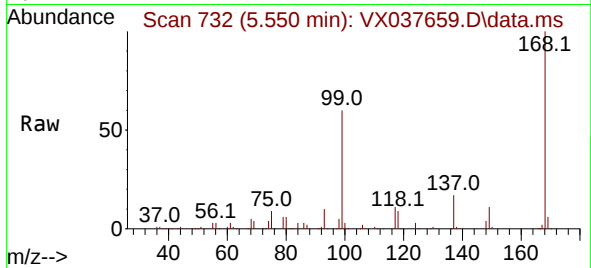
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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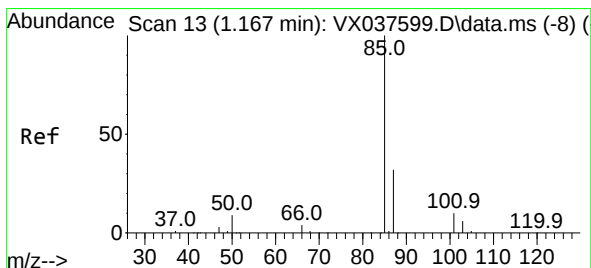
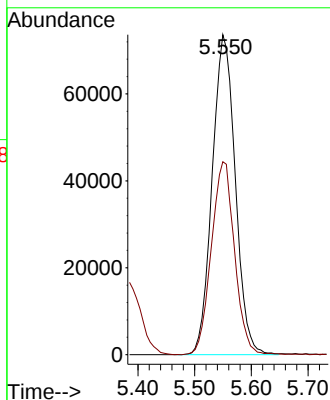
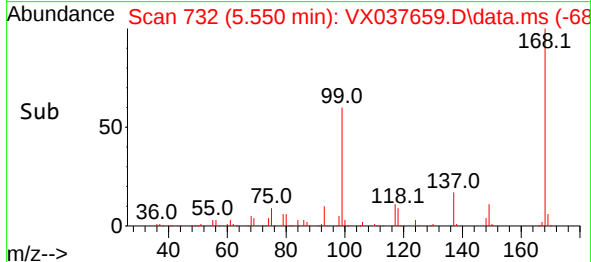
Instrument :
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ClientSampleId :
VX0912WBS01



Tgt Ion:168 Resp: 207849
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

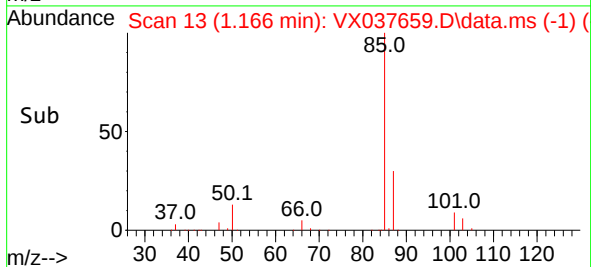
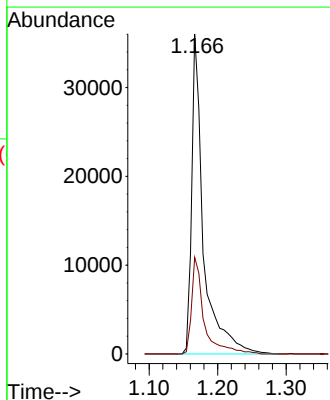
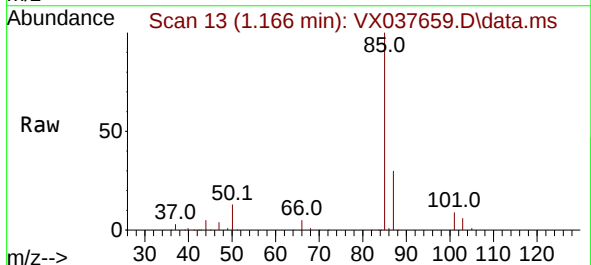
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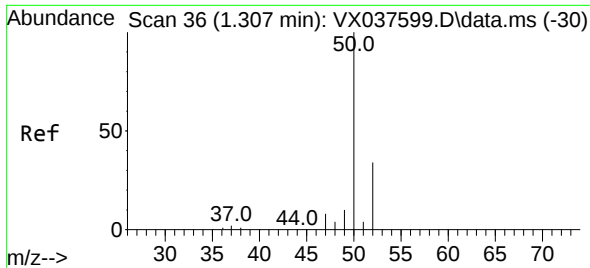
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#2
Dichlorodifluoromethane
Concen: 19.340 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 85 Resp: 42978
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.1





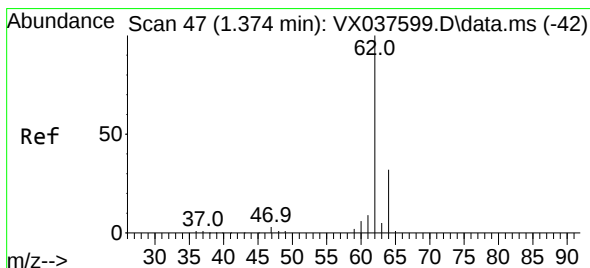
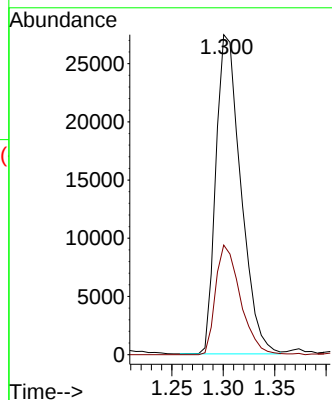
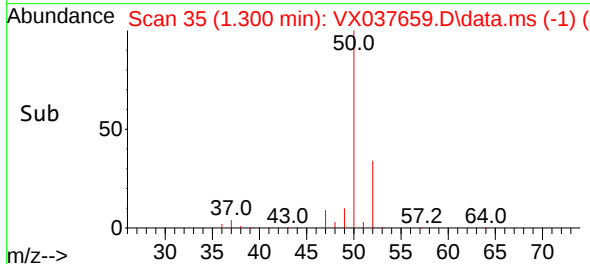
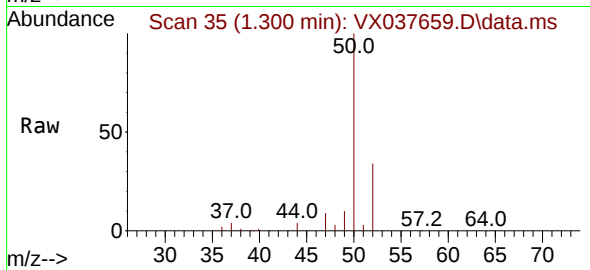
#3
Chloromethane
Concen: 17.802 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

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ClientSampleId :
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Tgt Ion: 50 Resp: 46400
Ion Ratio Lower Upper
50 100
52 34.3 25.5 38.3

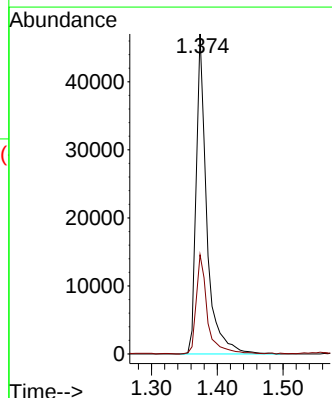
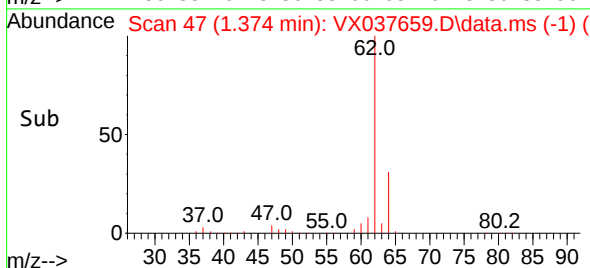
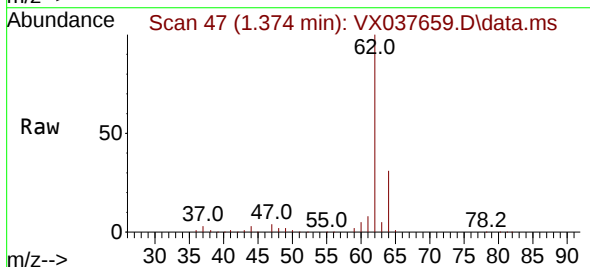
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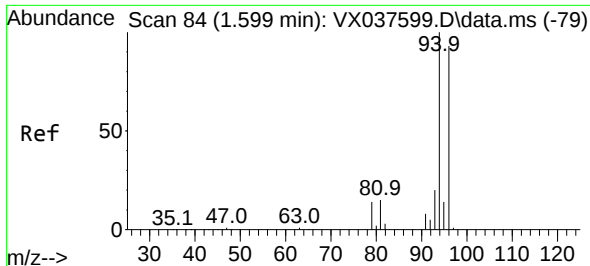
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#4
Vinyl Chloride
Concen: 18.389 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

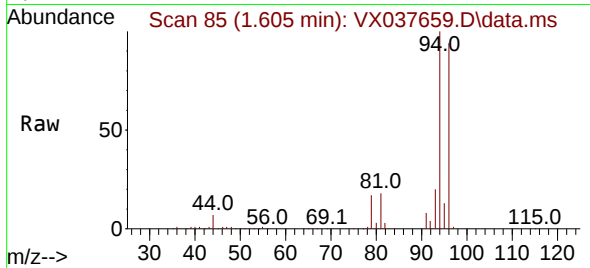
Tgt Ion: 62 Resp: 52749
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 18.490 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

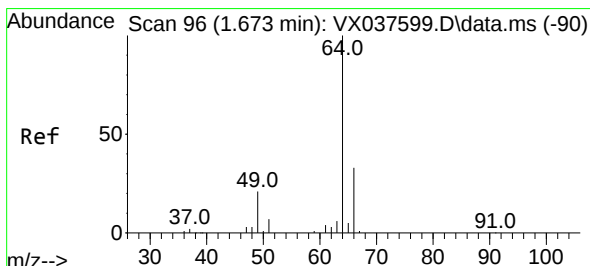
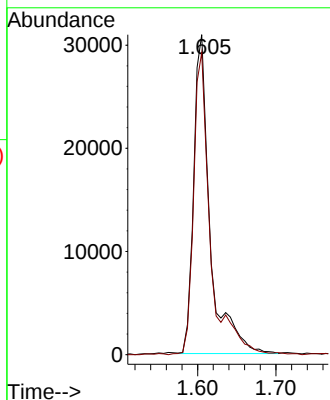
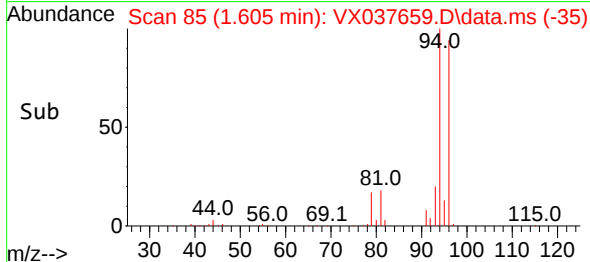
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Tgt Ion: 94 Resp: 4516
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

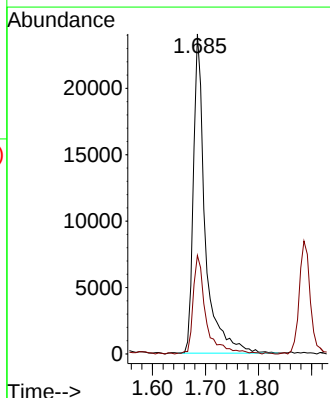
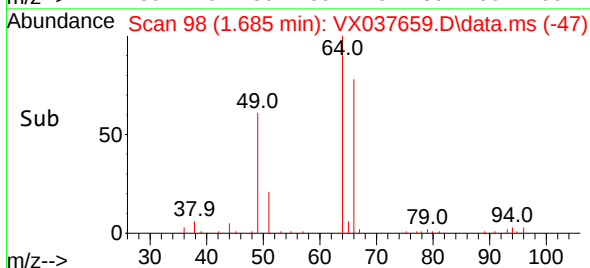
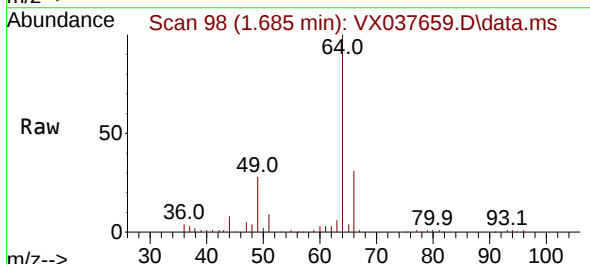
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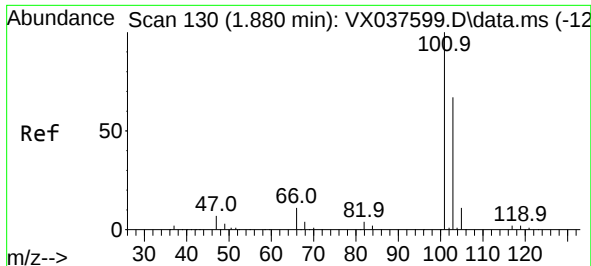
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#6
Chloroethane
Concen: 19.071 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

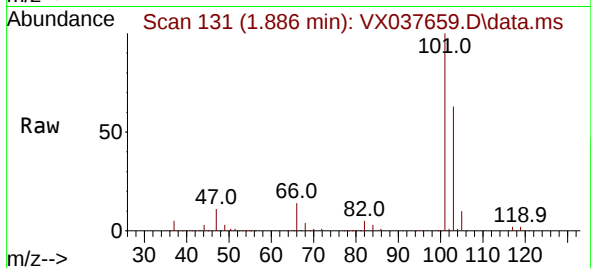
Tgt Ion: 64 Resp: 37196
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 17.865 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

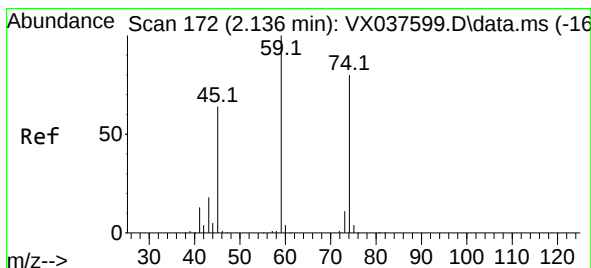
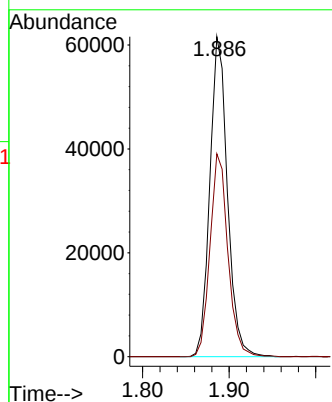
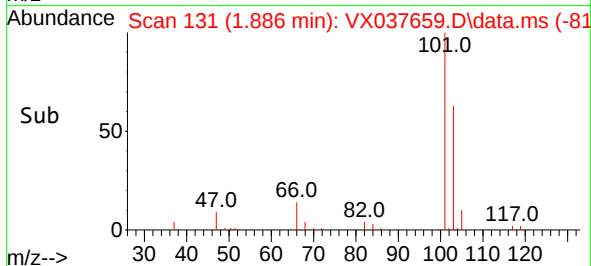
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Tgt Ion:101 Resp: 86912
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

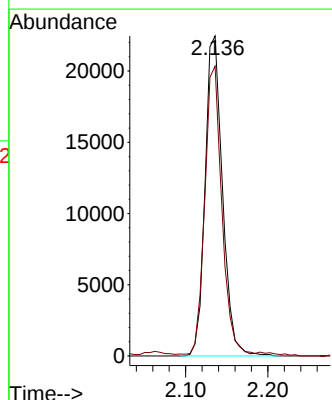
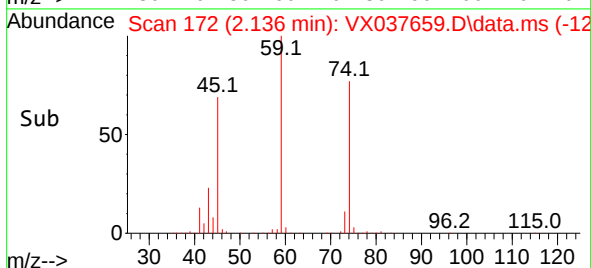
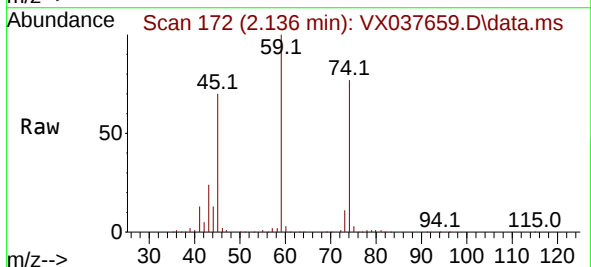
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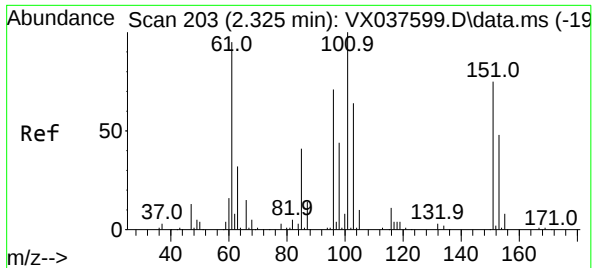
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#8
Diethyl Ether
Concen: 16.770 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 74 Resp: 32970
Ion Ratio Lower Upper
74 100
45 87.8 53.3 159.8





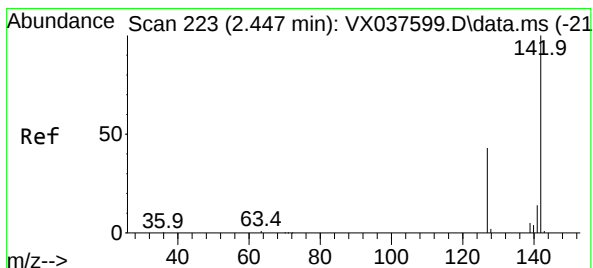
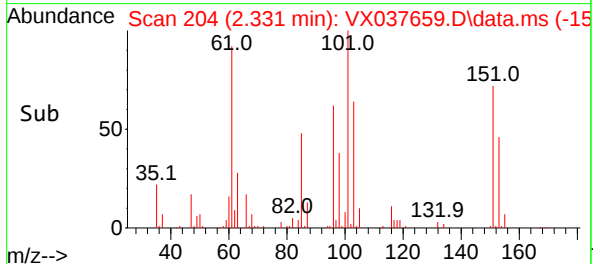
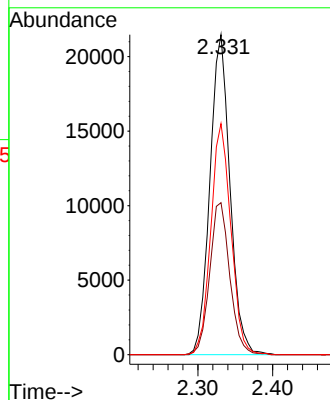
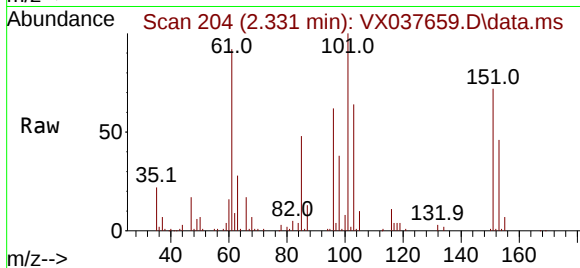
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.641 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion:101 Resp: 4011
Ion Ratio Lower Upper
101 100
85 47.6 37.0 55.6
151 72.3 58.6 87.8

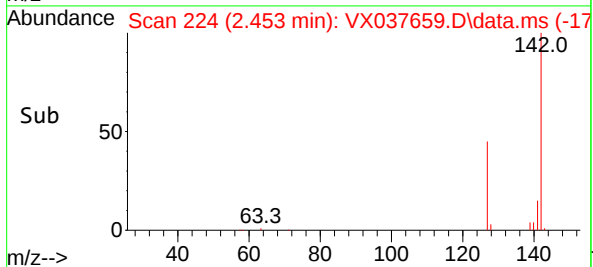
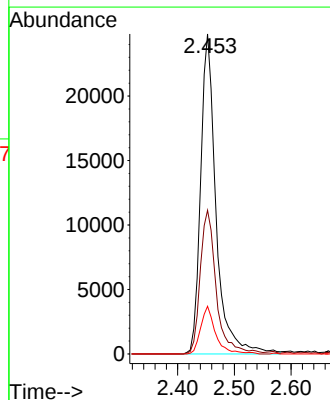
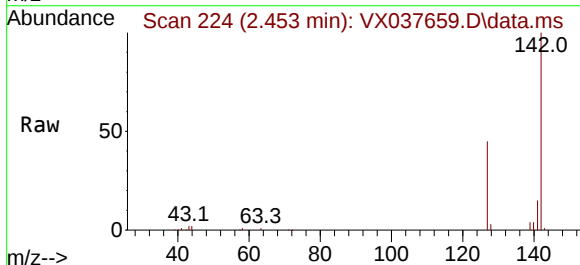
Manual Integrations
APPROVED

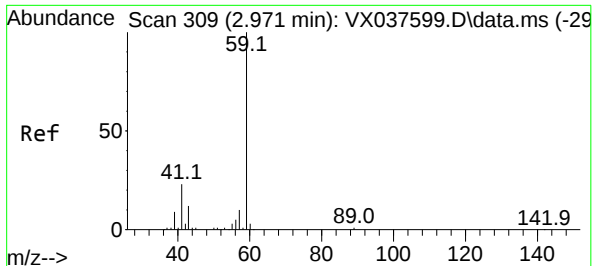
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 18.363 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion:142 Resp: 46970
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.4 11.6 17.4





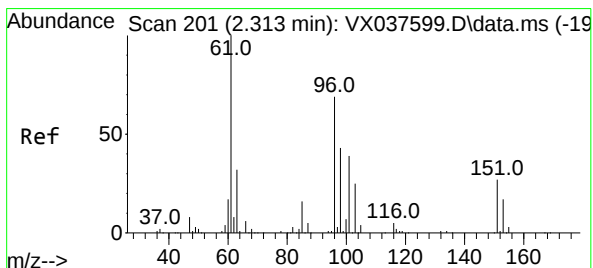
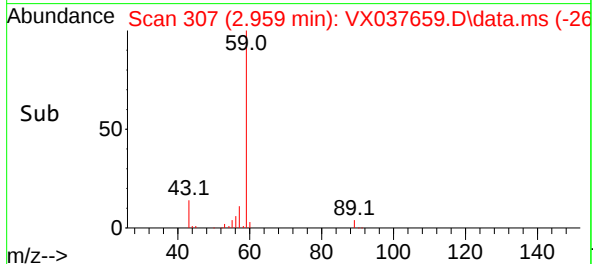
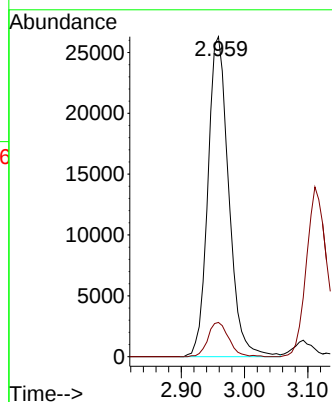
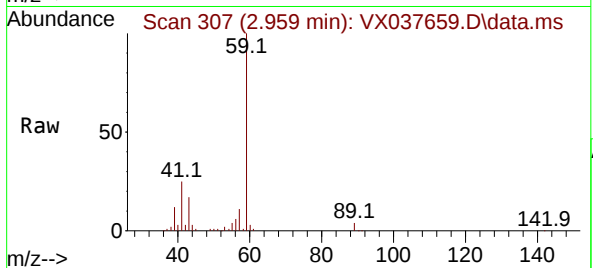
#11
Tert butyl alcohol
Concen: 79.265 ug/l
RT: 2.959 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion: 59 Resp: 6033
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

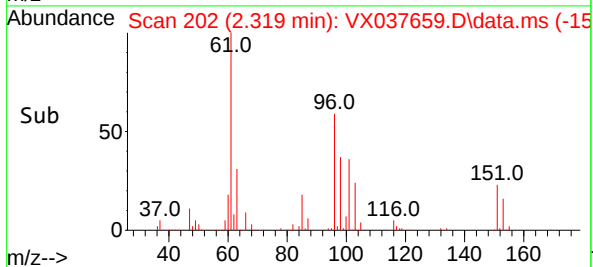
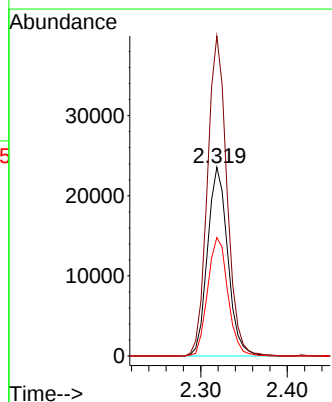
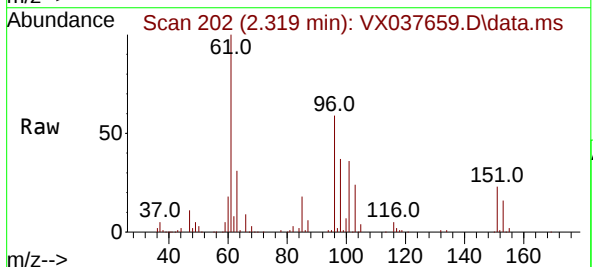
Manual Integrations
APPROVED

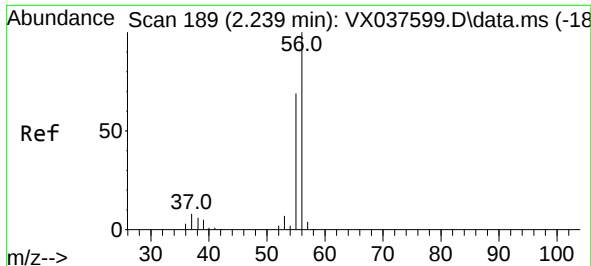
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#12
1,1-Dichloroethene
Concen: 18.085 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

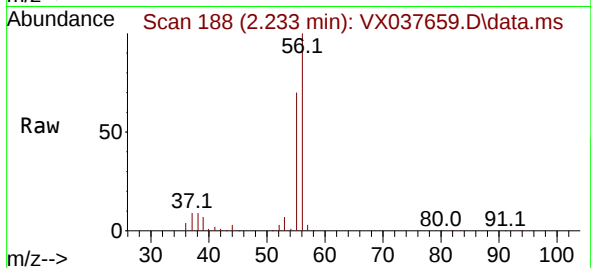
Tgt Ion: 96 Resp: 38230
Ion Ratio Lower Upper
96 100
61 169.7 144.6 216.8
98 62.8 50.4 75.6





#13
Acrolein
Concen: 89.951 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

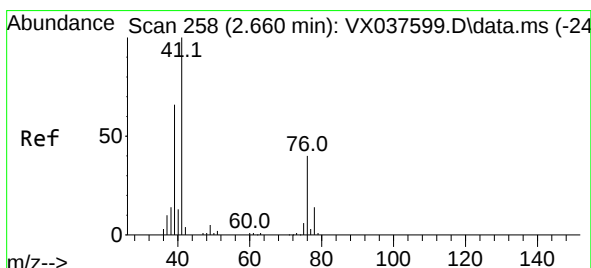
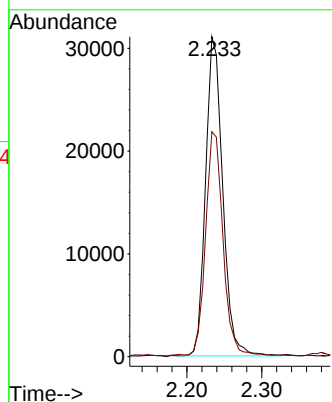
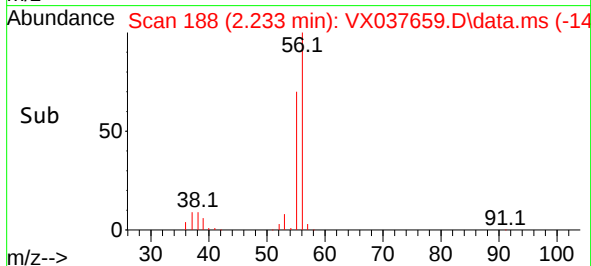
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 56 Resp: 4942
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7

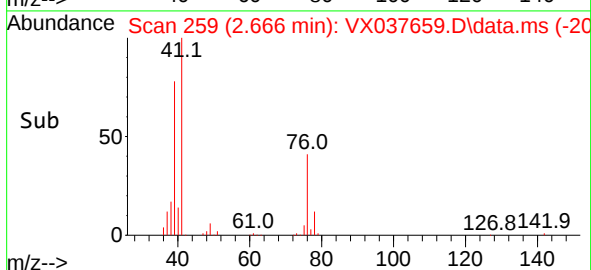
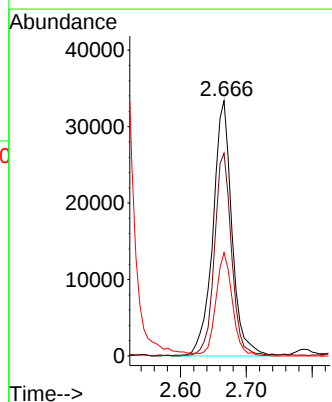
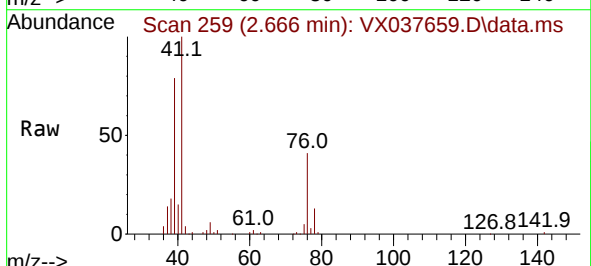
Manual Integrations
APPROVED

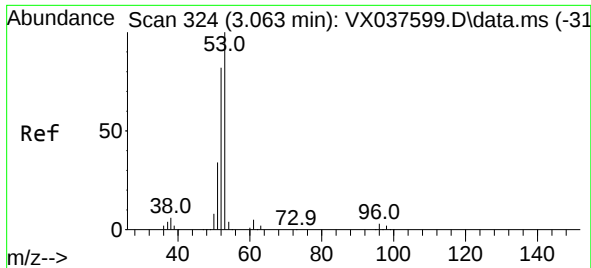
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#14
Allyl chloride
Concen: 17.926 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

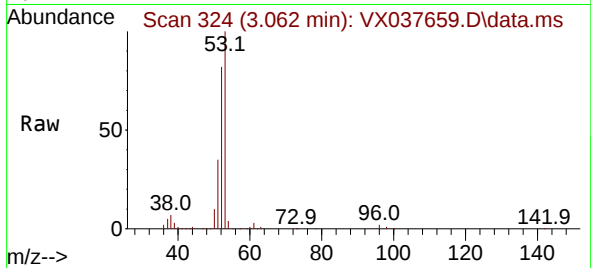
Tgt Ion: 41 Resp: 67429
Ion Ratio Lower Upper
41 100
39 70.9 55.8 83.6
76 34.8 24.3 36.5





#15
Acrylonitrile
Concen: 82.992 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

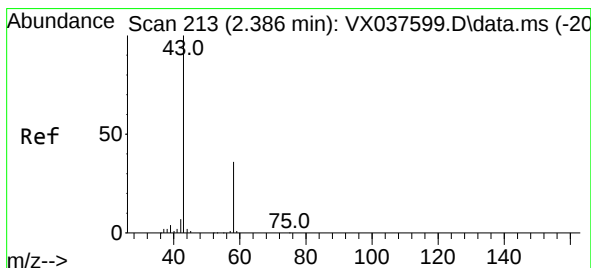
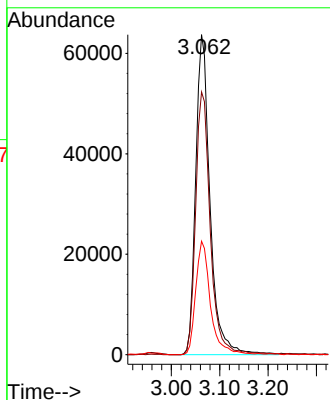
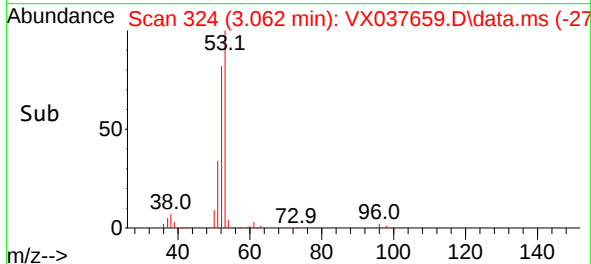
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 53 Resp: 131254
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 36.4 29.8 44.6

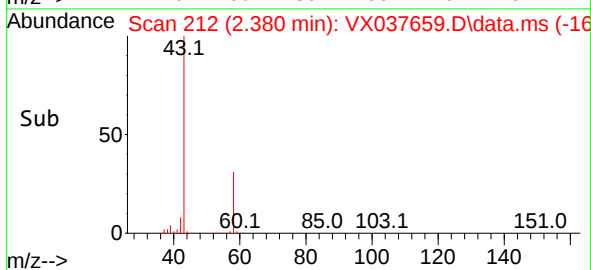
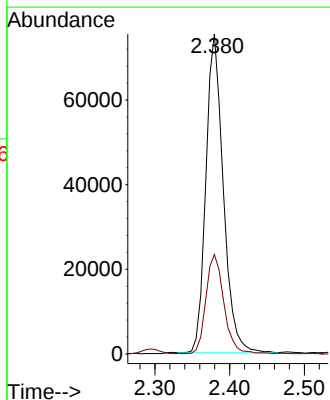
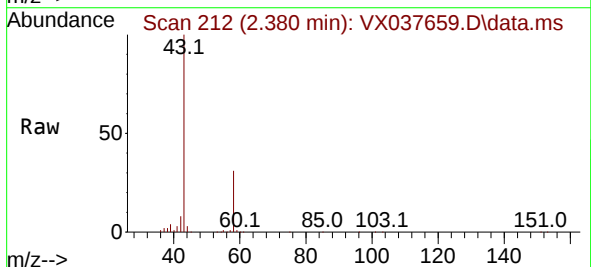
Manual Integrations
APPROVED

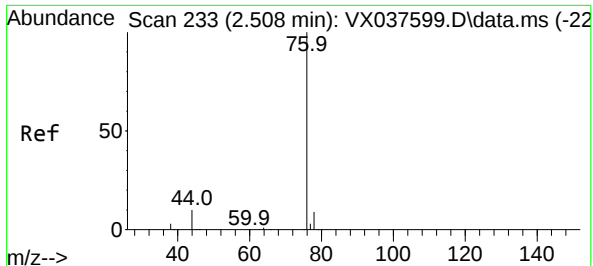
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#16
Acetone
Concen: 87.968 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 43 Resp: 122289
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





#17

Carbon Disulfide

Concen: 16.968 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 76 Resp: 9246

Ion Ratio Lower Upper

76 100

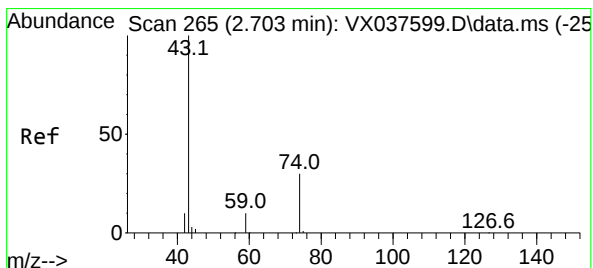
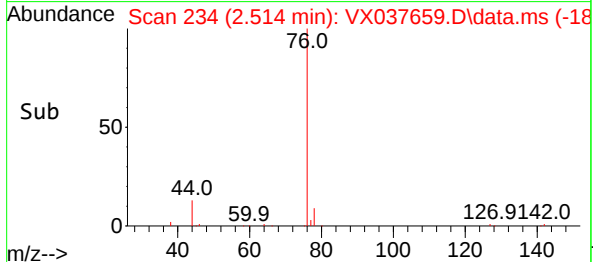
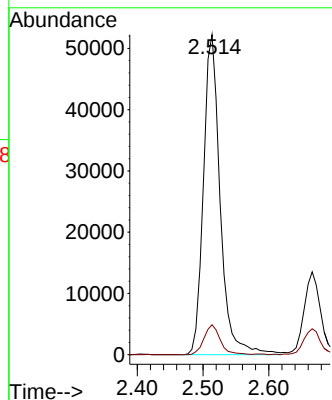
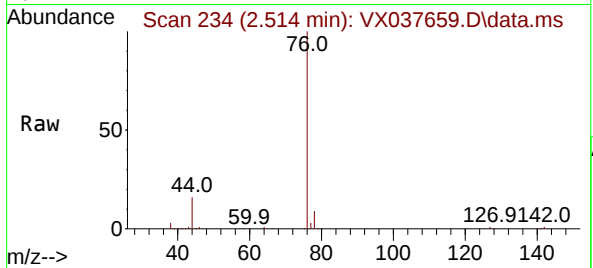
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#18

Methyl Acetate

Concen: 16.500 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037659.D

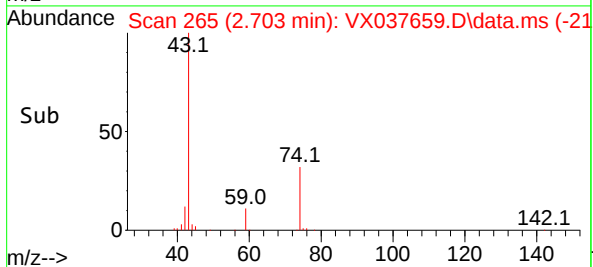
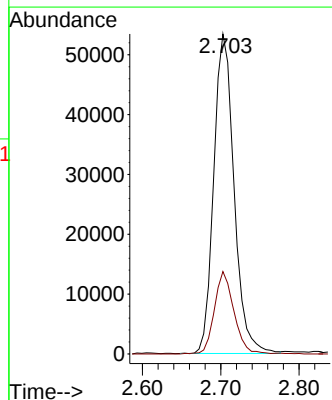
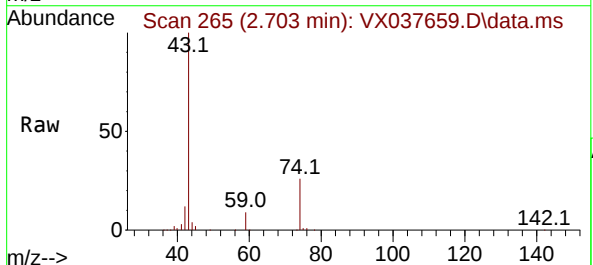
Acq: 12 Sep 2023 11:18

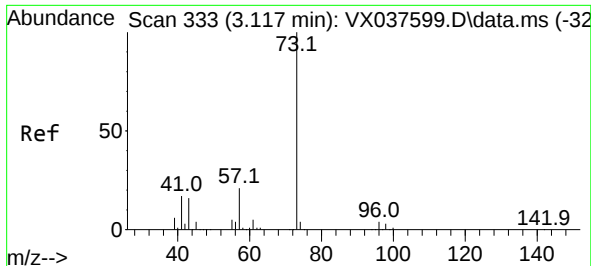
Tgt Ion: 43 Resp: 96137

Ion Ratio Lower Upper

43 100

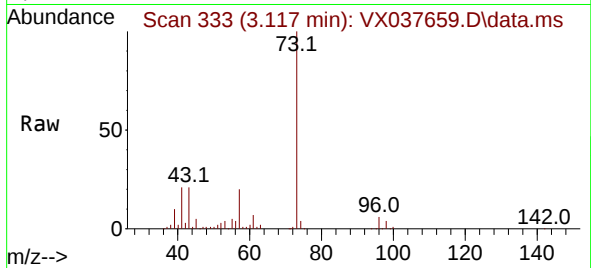
74 24.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 17.357 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

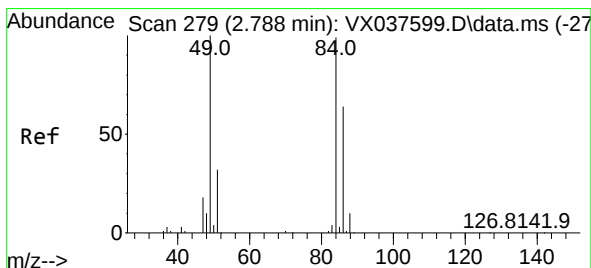
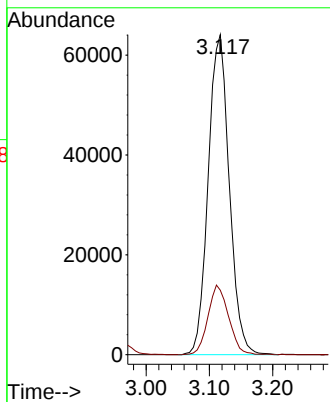
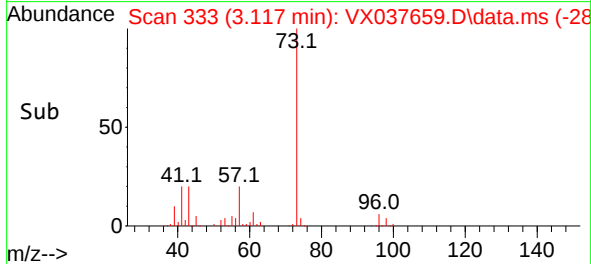
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 73 Resp: 148120
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

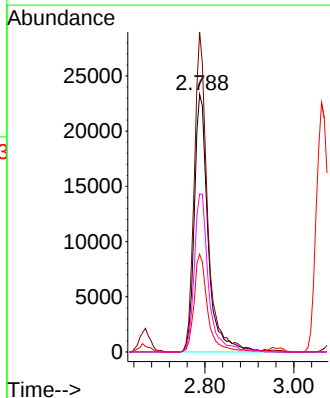
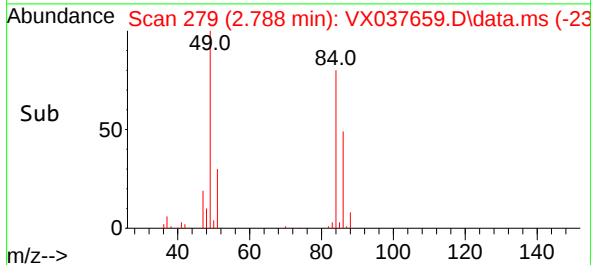
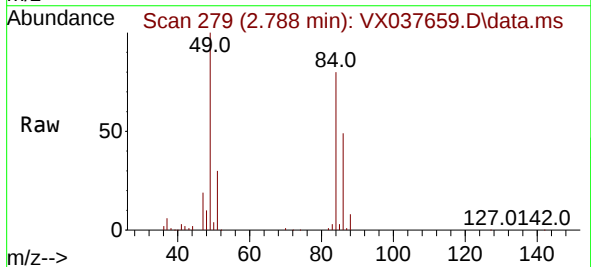
Manual Integrations
APPROVED

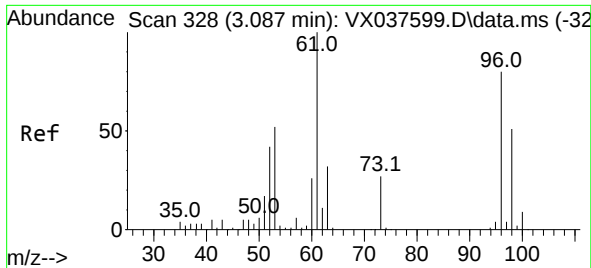
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 18.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

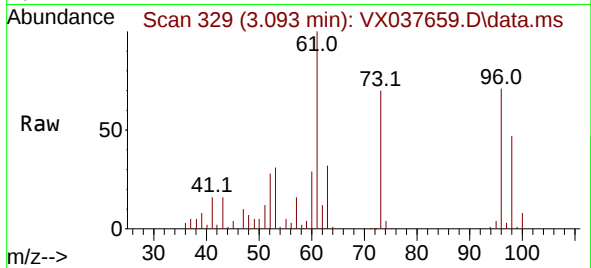
Tgt Ion: 84 Resp: 50310
Ion Ratio Lower Upper
84 100
49 124.2 103.6 155.4
51 37.9 33.8 50.6
86 61.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.648 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

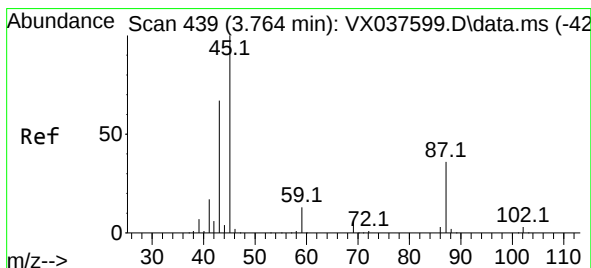
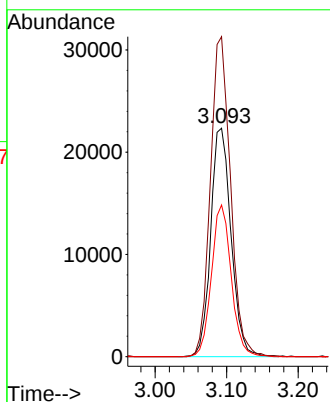
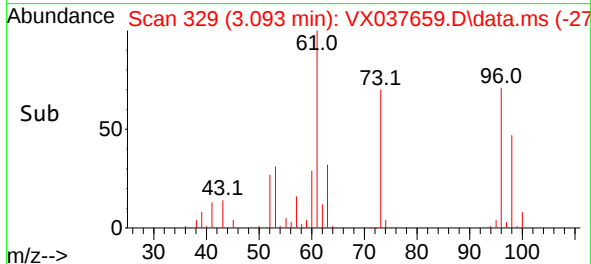
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 96 Resp: 44238
Ion Ratio Lower Upper
96 100
61 140.1 119.2 178.8
98 66.4 48.7 73.1

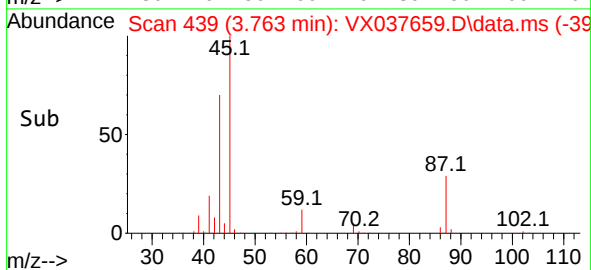
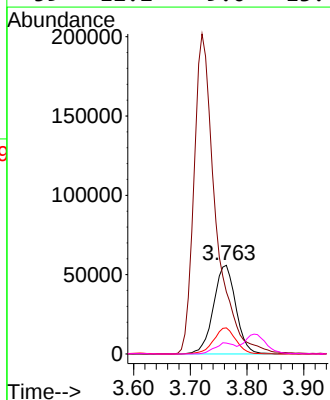
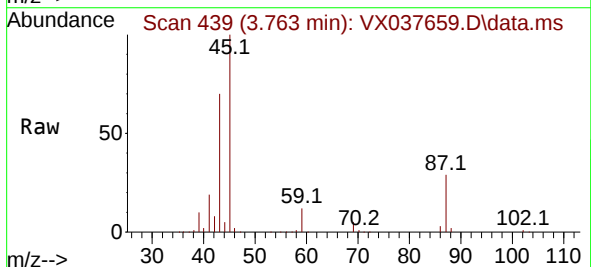
Manual Integrations
APPROVED

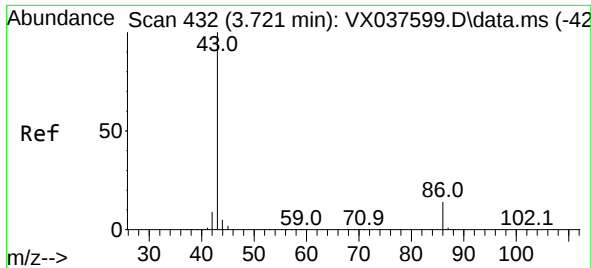
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#22
Diisopropyl ether
Concen: 18.611 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

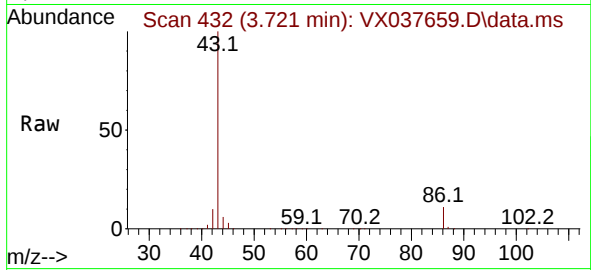
Tgt Ion: 45 Resp: 152800
Ion Ratio Lower Upper
45 100
43 69.1 69.7 104.5#
87 29.4 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 89.139 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037659.D
 Acq: 12 Sep 2023 11:18

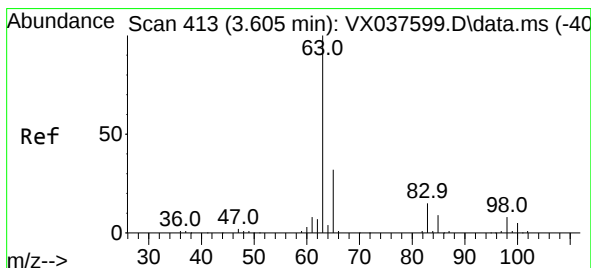
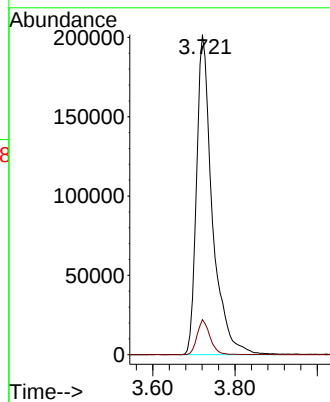
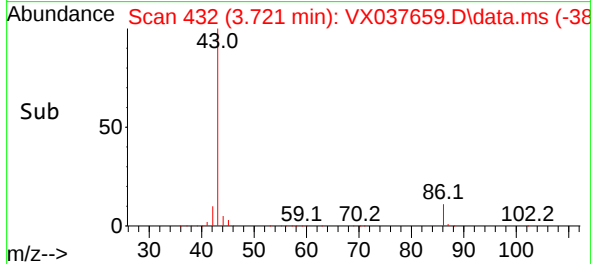
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBS01



Tgt Ion: 43 Resp: 53695
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

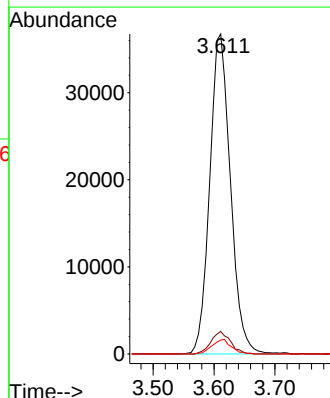
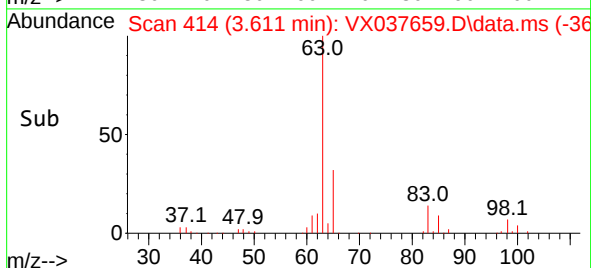
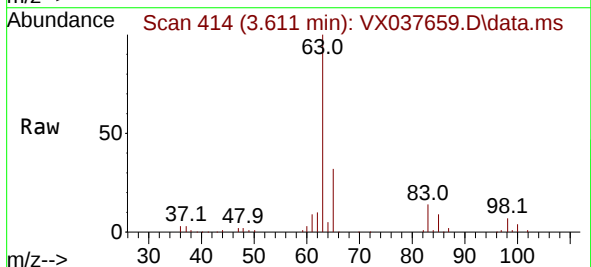
Manual Integrations
 APPROVED

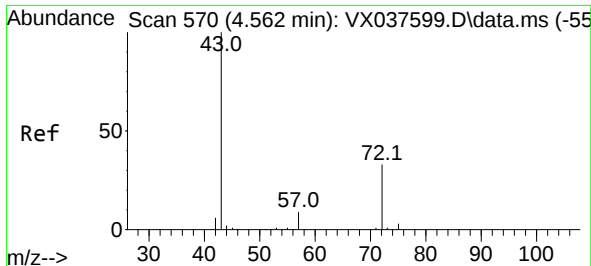
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.063 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037659.D
 Acq: 12 Sep 2023 11:18

Tgt Ion: 63 Resp: 86763
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 83.051 ug/l

RT: 4.556 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 43 Resp: 18537

Ion Ratio Lower Upper

43 100

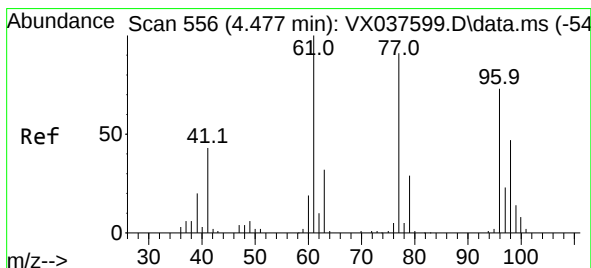
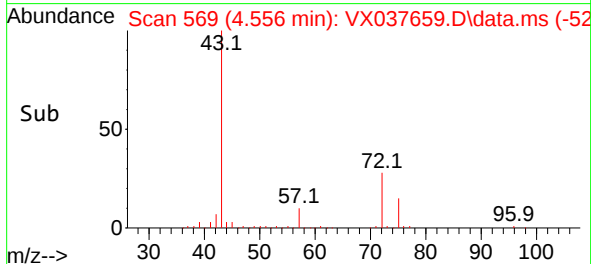
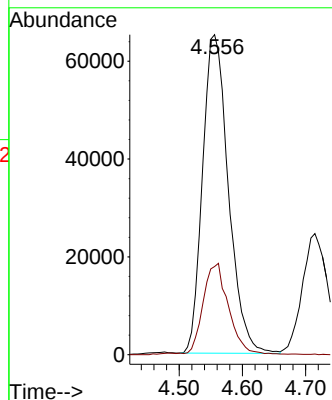
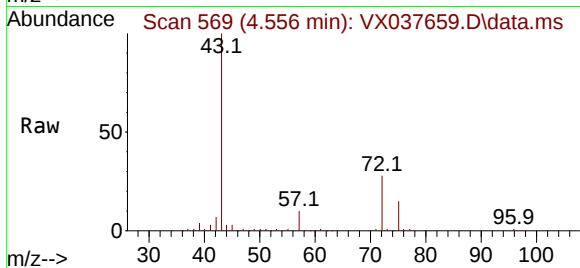
72 27.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#26

2,2-Dichloropropane

Concen: 20.271 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037659.D

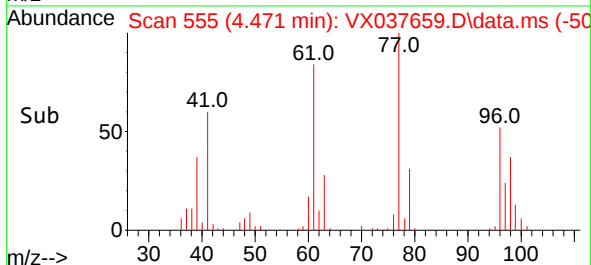
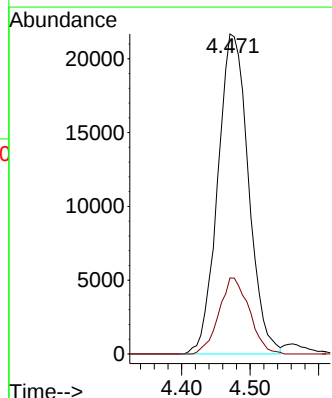
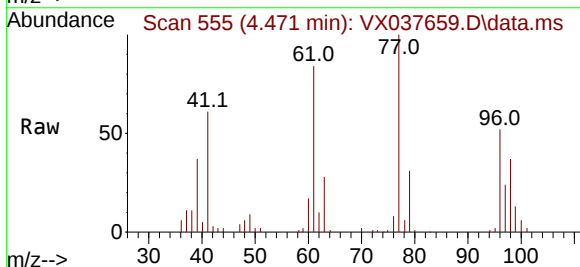
Acq: 12 Sep 2023 11:18

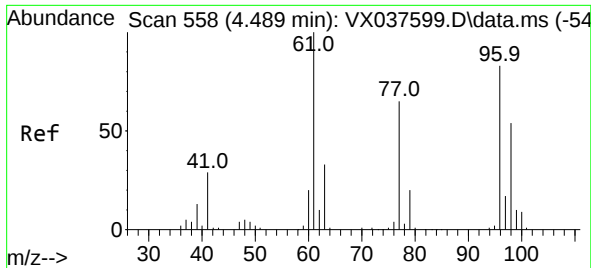
Tgt Ion: 77 Resp: 67418

Ion Ratio Lower Upper

77 100

97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.716 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 96 Resp: 5310

Ion Ratio Lower Upper

96 100

61 148.5 0.0 312.2

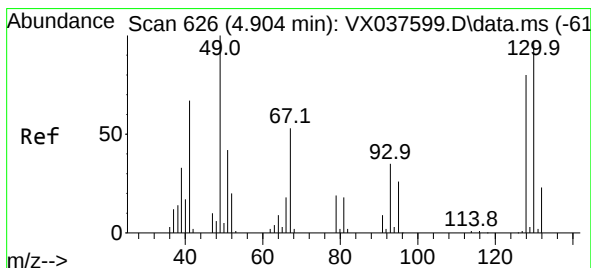
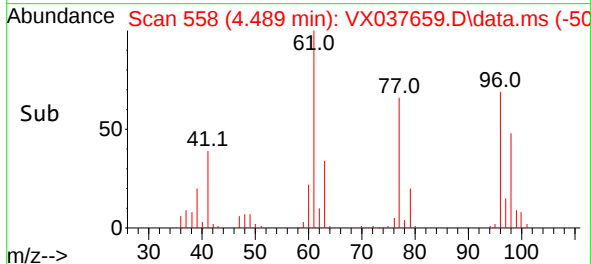
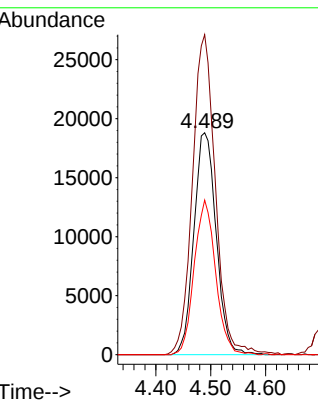
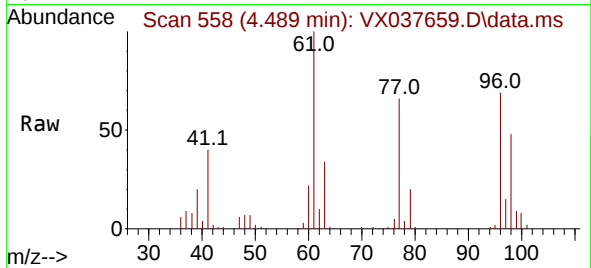
98 67.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#28

Bromochloromethane

Concen: 18.169 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

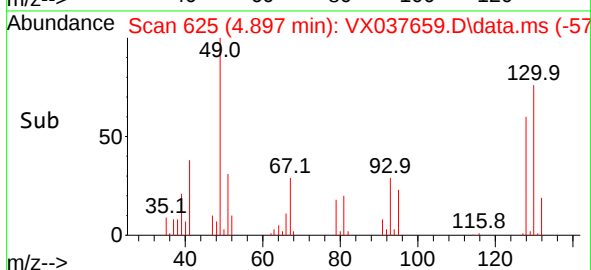
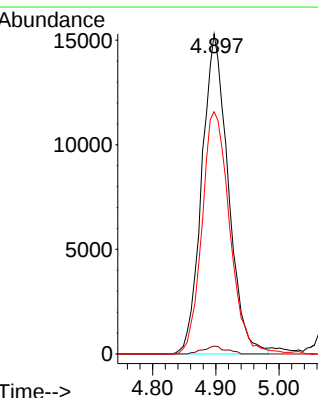
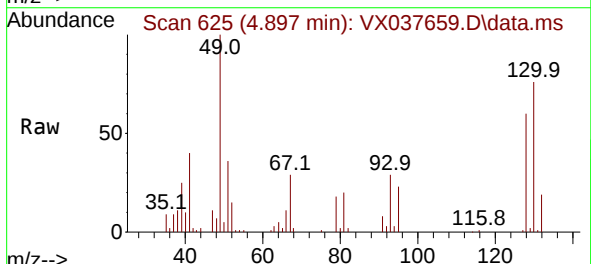
Tgt Ion: 49 Resp: 44252

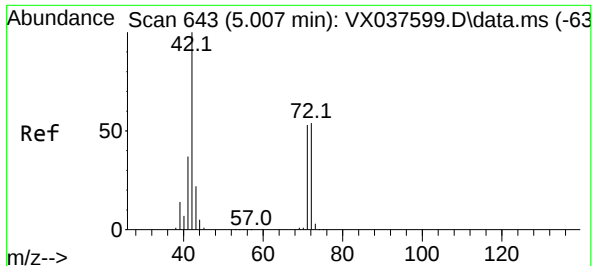
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 79.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 82.350 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

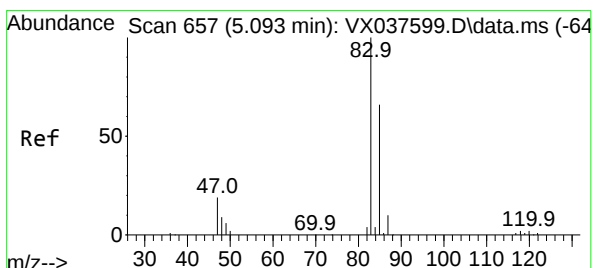
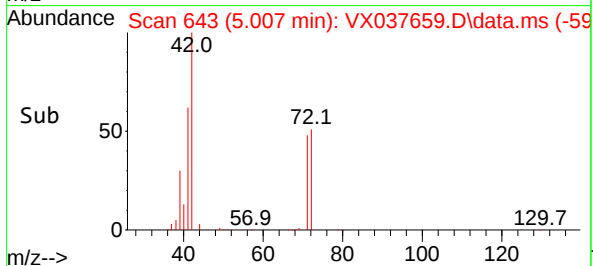
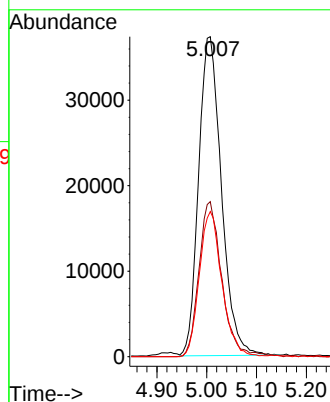
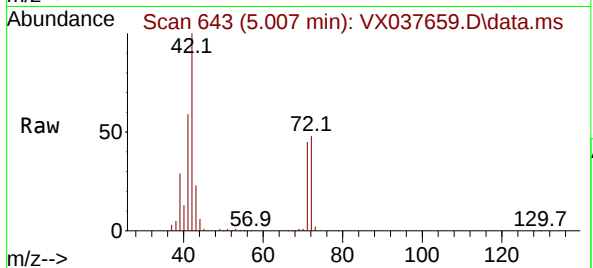
Tgt Ion:	42	Resp:	118558
Ion Ratio	Lower	Upper	
42	100		
72	48.6	34.2	51.4
71	45.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 18.044 ug/l

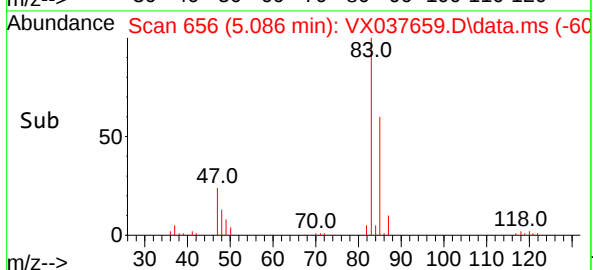
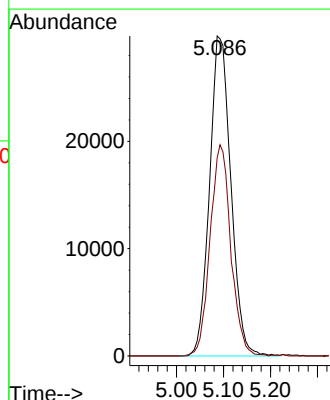
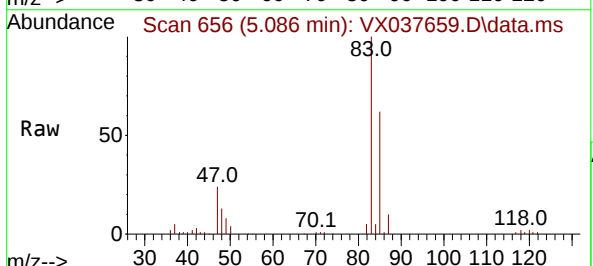
RT: 5.086 min Scan# 656

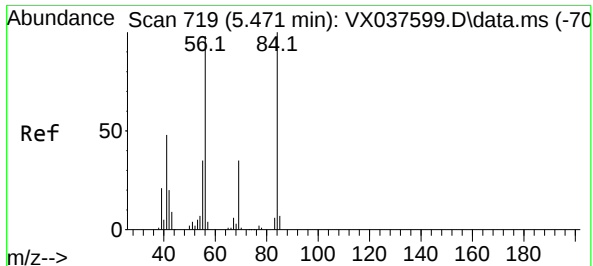
Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

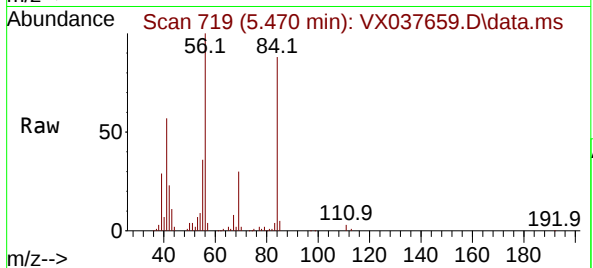
Tgt Ion:	83	Resp:	93972
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.3	75.5





#31
Cyclohexane
Concen: 18.977 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

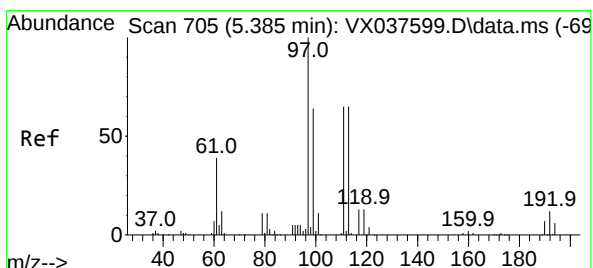
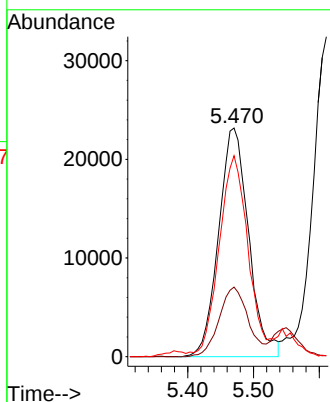
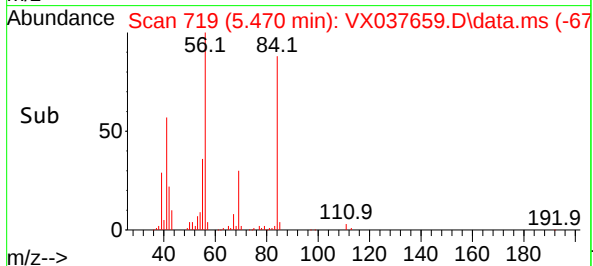
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 56 Resp: 7348
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 85.7 65.9 98.9

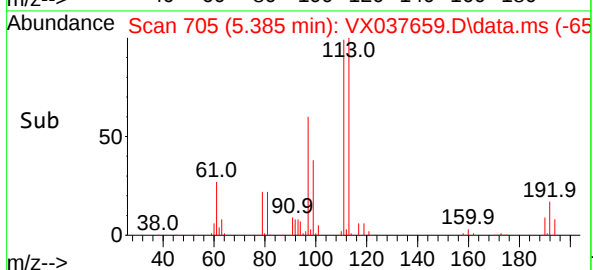
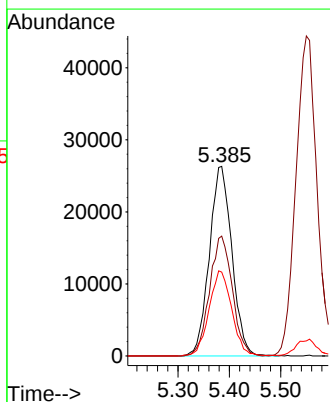
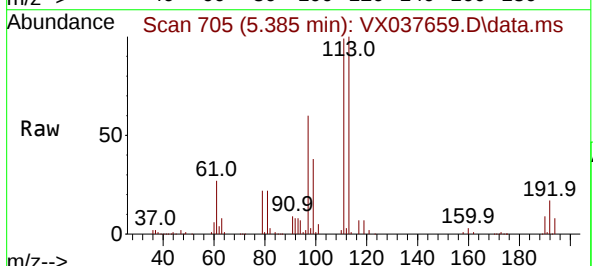
Manual Integrations
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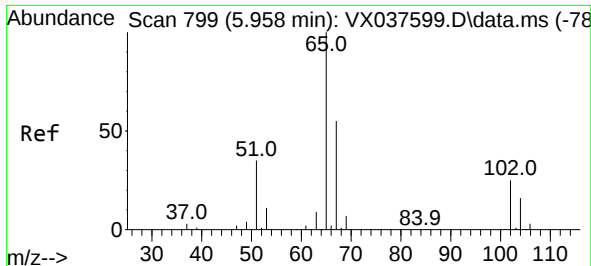
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#32
1,1,1-Trichloroethane
Concen: 18.296 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 97 Resp: 80031
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.855 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 65 Resp: 15420

Ion Ratio Lower Upper

65 100

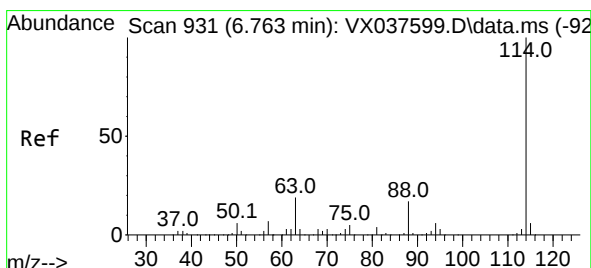
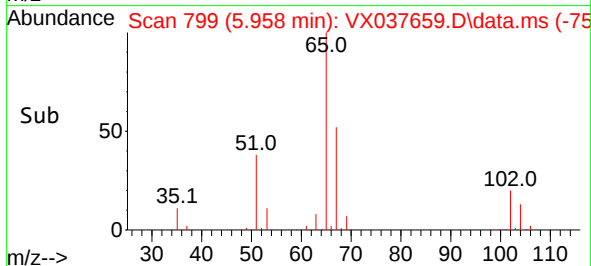
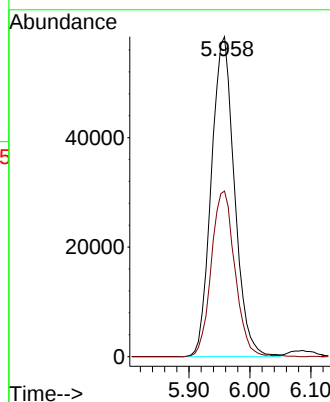
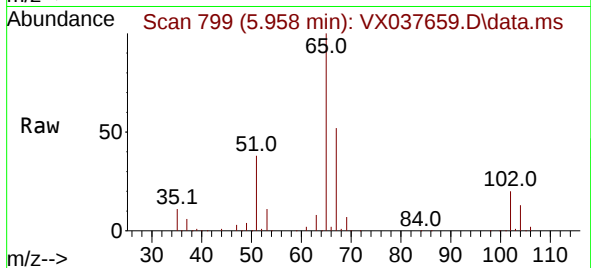
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

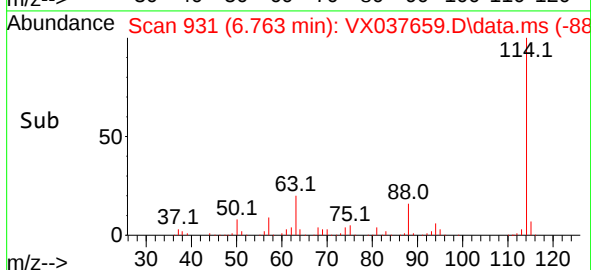
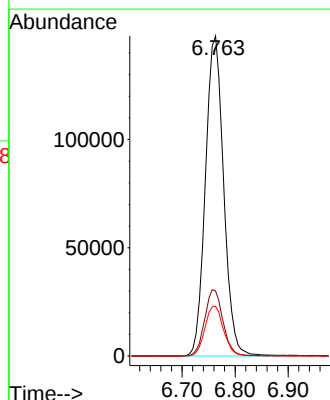
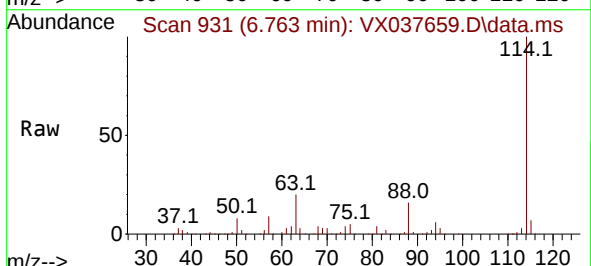
Tgt Ion:114 Resp: 353263

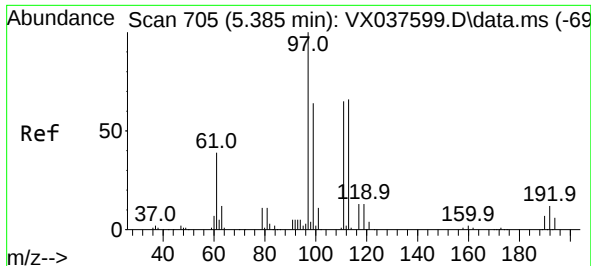
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

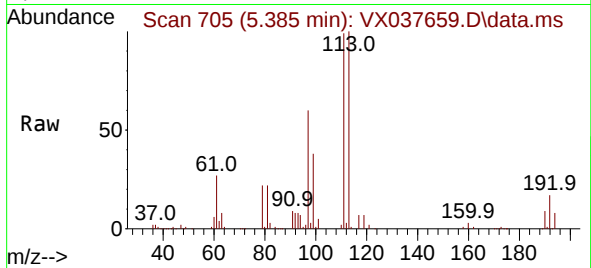
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

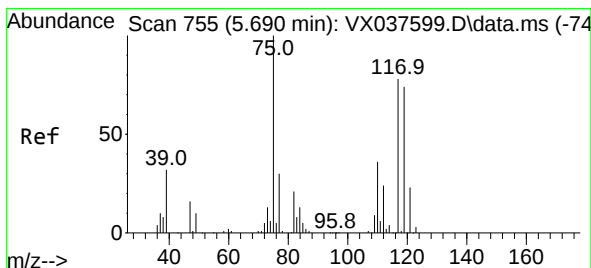
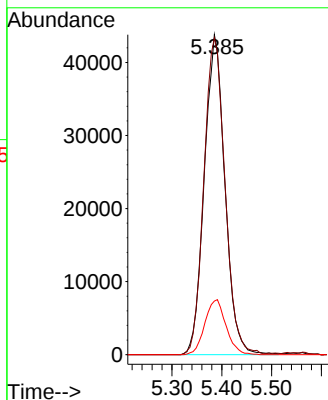
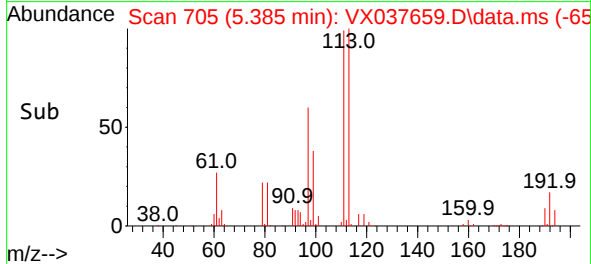
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion:113 Resp: 125700
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 17.7 13.3 19.9

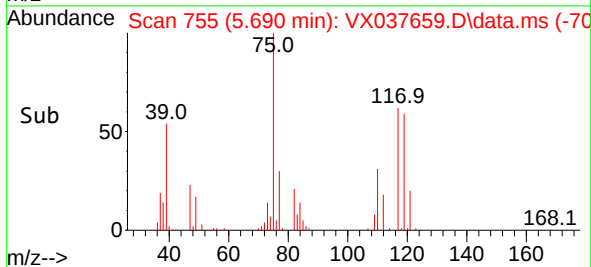
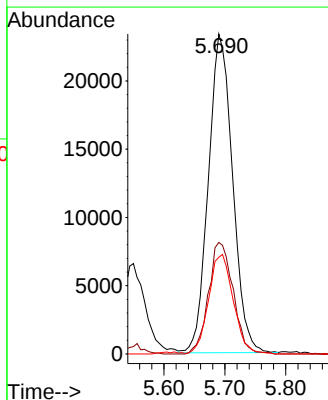
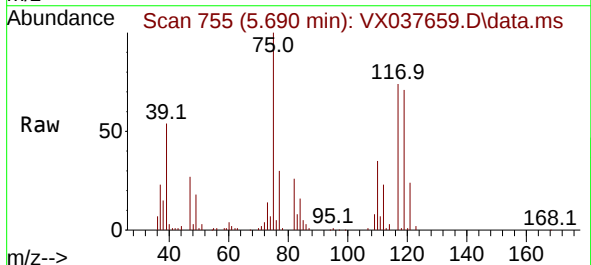
Manual Integrations
APPROVED

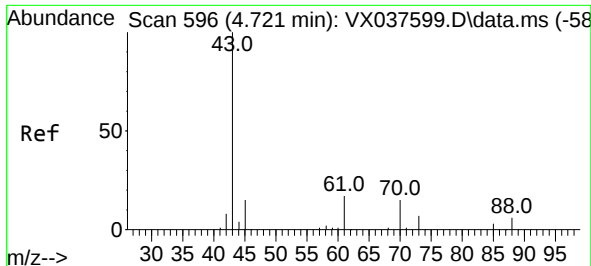
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#36
1,1-Dichloropropene
Concen: 18.705 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 75 Resp: 64590
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.030 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

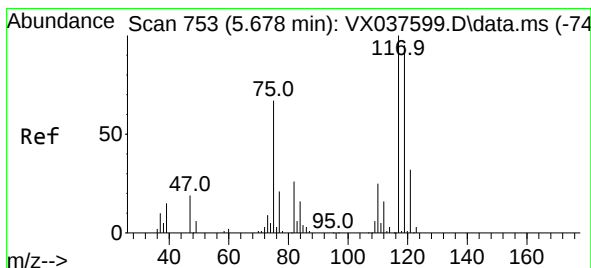
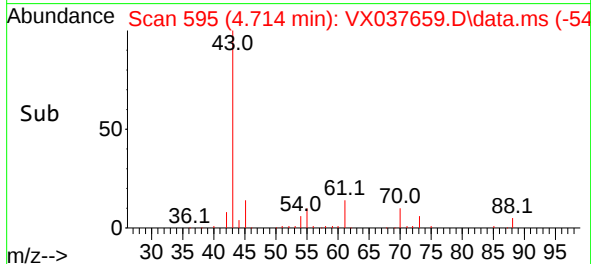
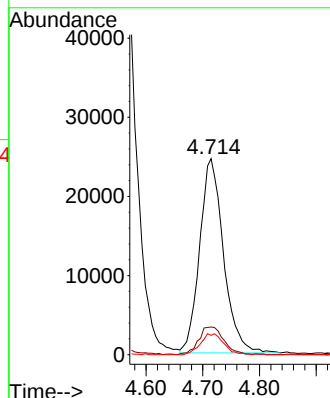
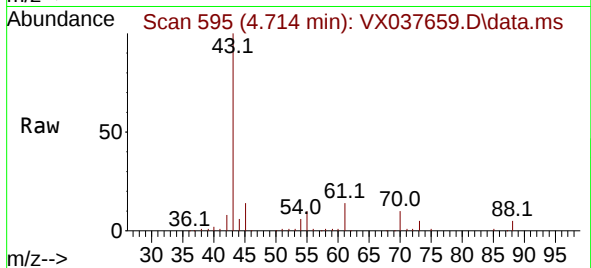
Tgt Ion: 43	Resp: 7180
Ion Ratio	Lower Upper
43 100	
61 15.0	10.6 16.0
70 10.5	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#38

Carbon Tetrachloride

Concen: 19.076 ug/l

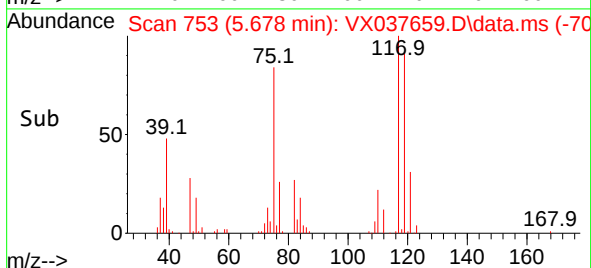
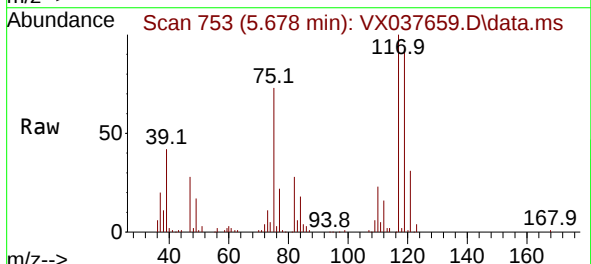
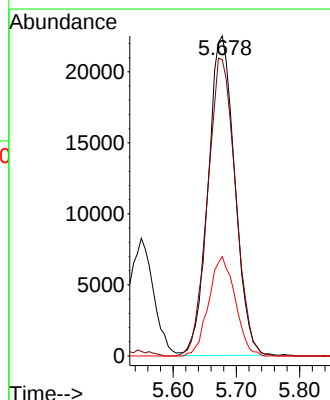
RT: 5.678 min Scan# 753

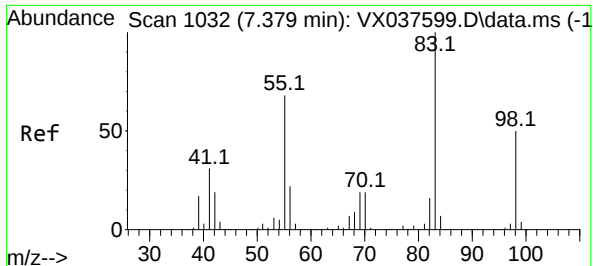
Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Tgt Ion: 117	Resp: 65788
Ion Ratio	Lower Upper
117 100	
119 92.9	78.2 117.2
121 31.1	24.4 36.6





#39

Methylcyclohexane

Concen: 19.973 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 83 Resp: 81120

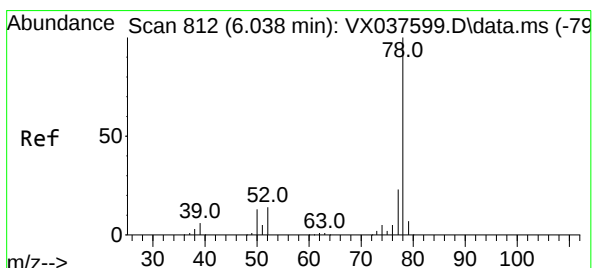
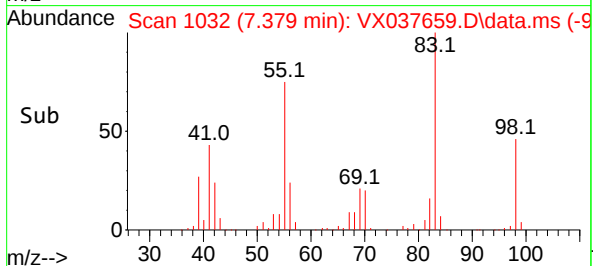
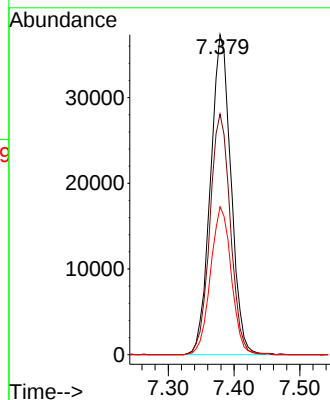
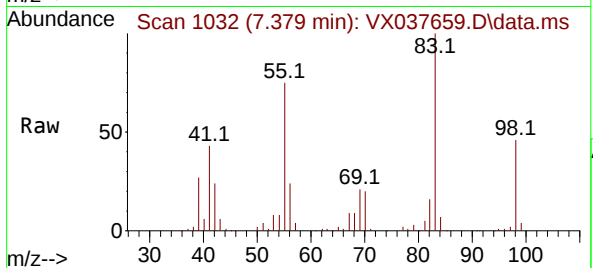
Ion	Ratio	Lower	Upper
83	100		
55	75.2	64.6	97.0
98	46.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 19.121 ug/l

RT: 6.037 min Scan# 812

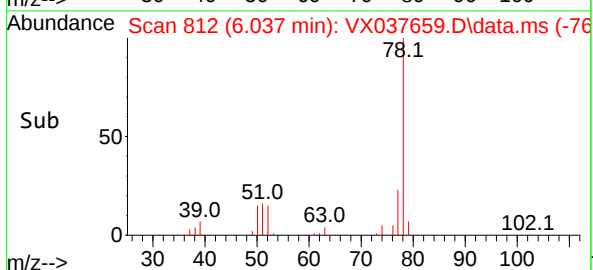
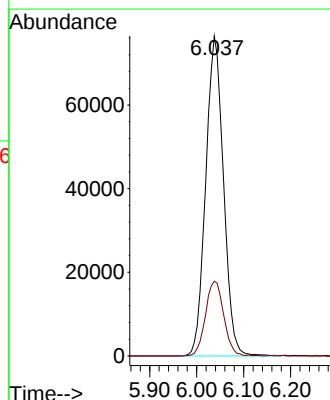
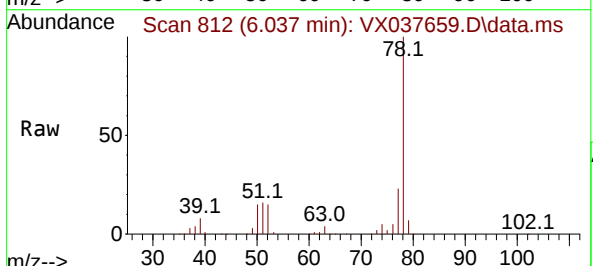
Delta R.T. -0.000 min

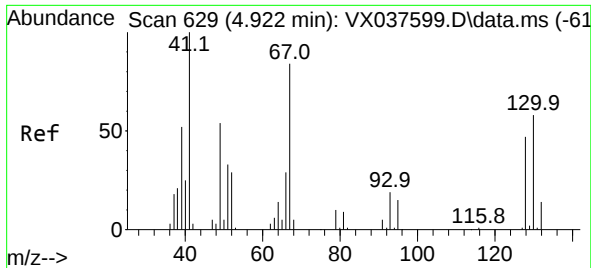
Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Tgt Ion: 78 Resp: 200765

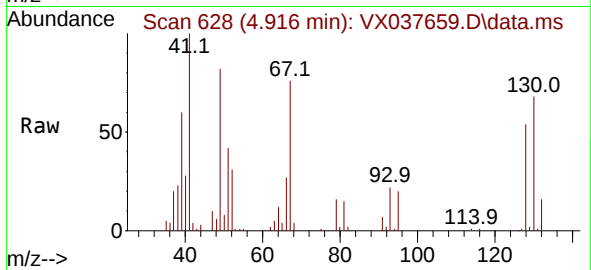
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 17.151 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

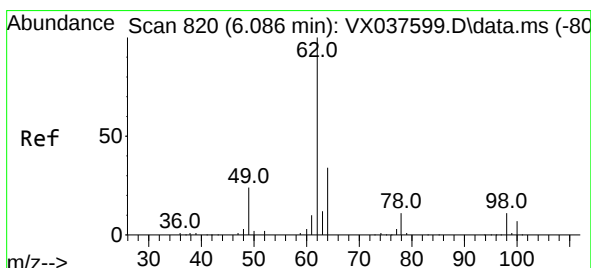
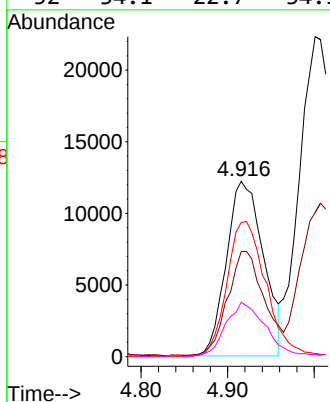
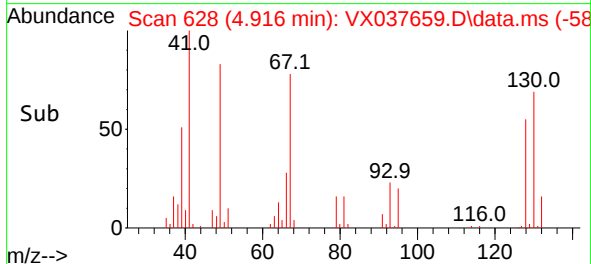
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 41 Resp: 3628
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 81.8 52.6 78.8
52 34.1 22.7 34.1

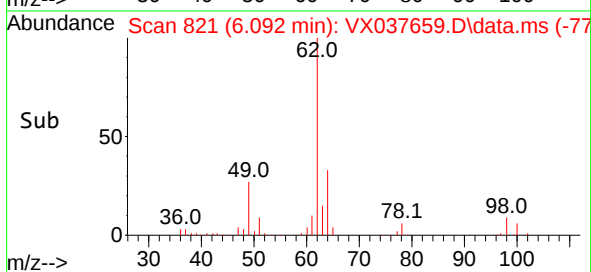
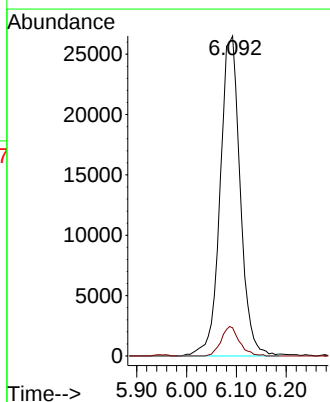
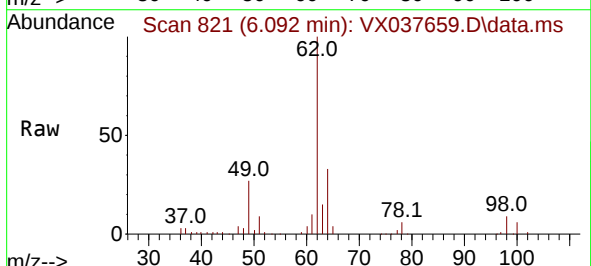
Manual Integrations
APPROVED

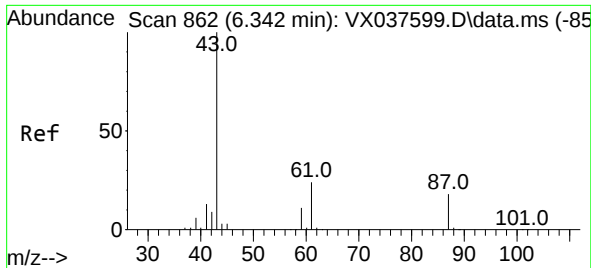
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 18.218 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 62 Resp: 74120
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





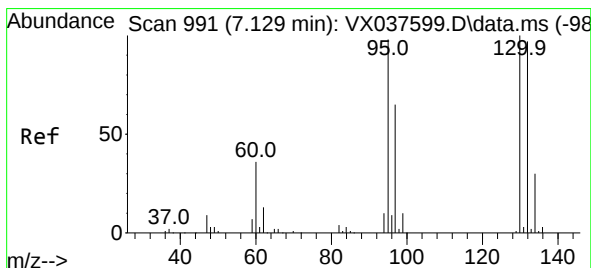
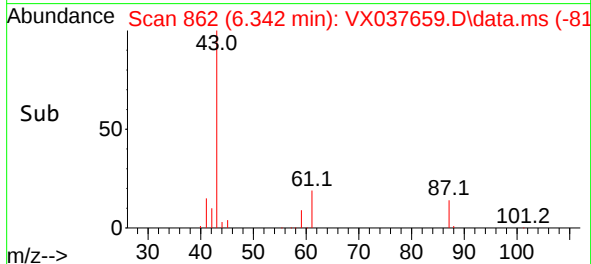
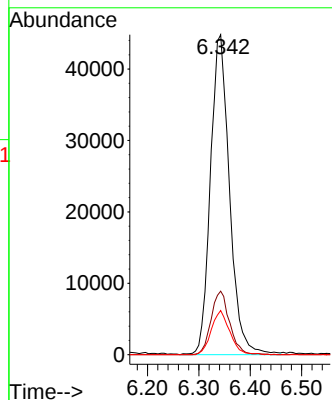
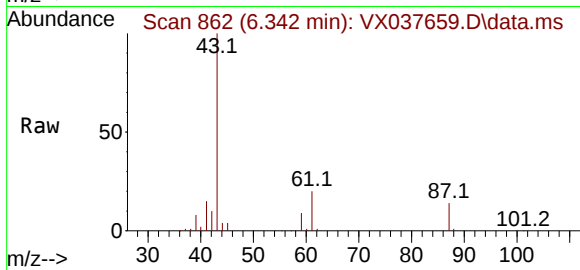
#43
Isopropyl Acetate
Concen: 18.339 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion: 43 Resp: 115440
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 13.4 9.8 14.6

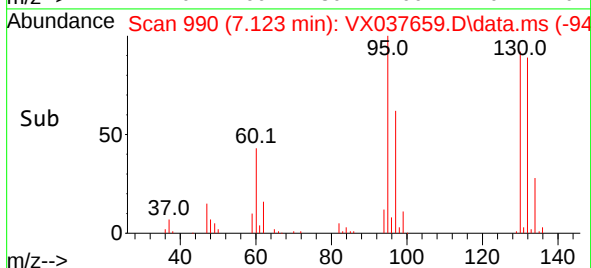
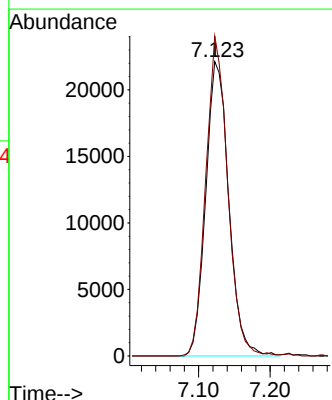
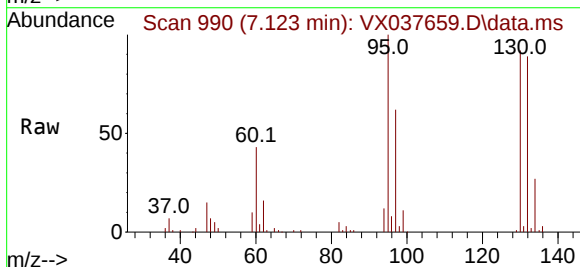
Manual Integrations
APPROVED

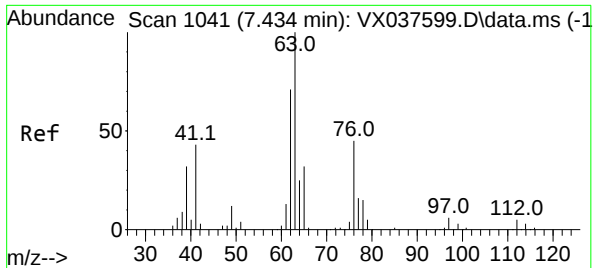
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#44
Trichloroethene
Concen: 19.349 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion:130 Resp: 49582
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.179 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 63 Resp: 5283

Ion Ratio Lower Upper

63 100

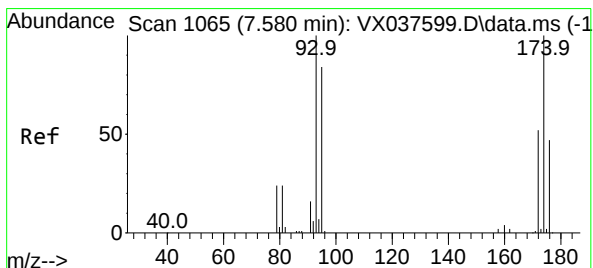
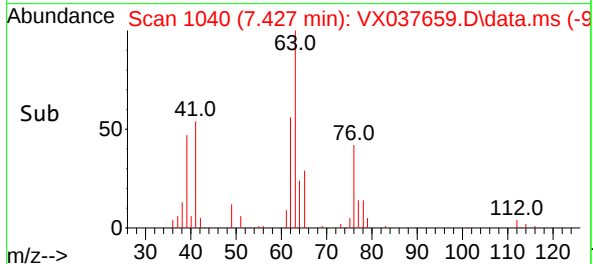
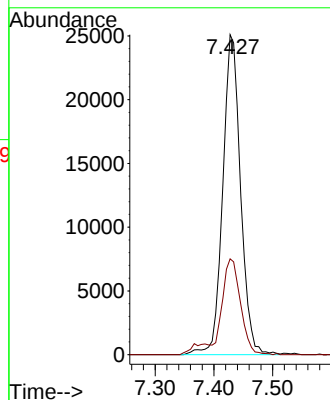
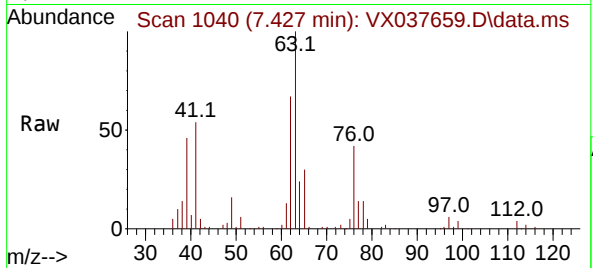
65 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#46

Dibromomethane

Concen: 18.174 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

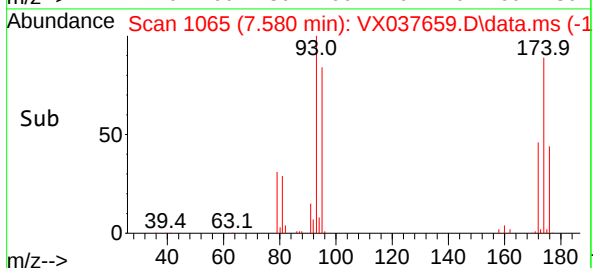
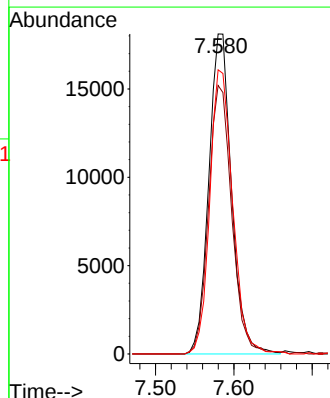
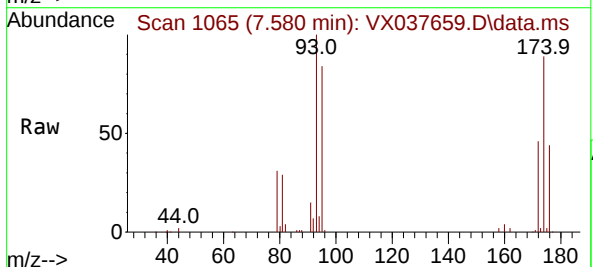
Tgt Ion: 93 Resp: 36530

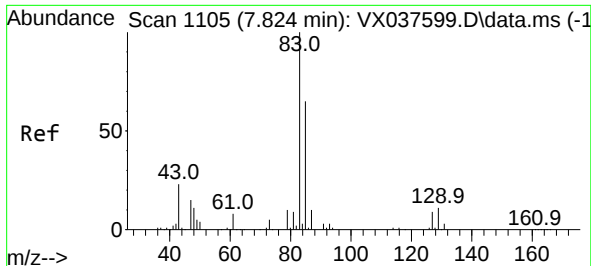
Ion Ratio Lower Upper

93 100

95 85.8 66.6 100.0

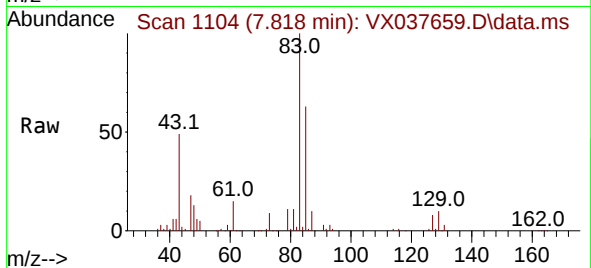
174 89.4 69.4 104.0





#47
Bromodichloromethane
Concen: 18.806 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

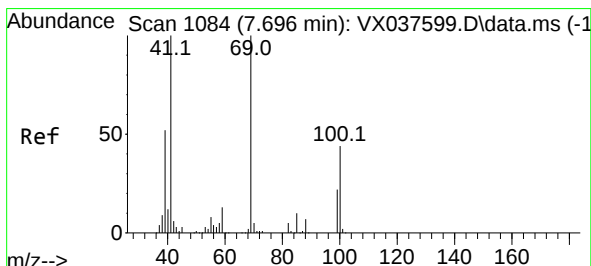
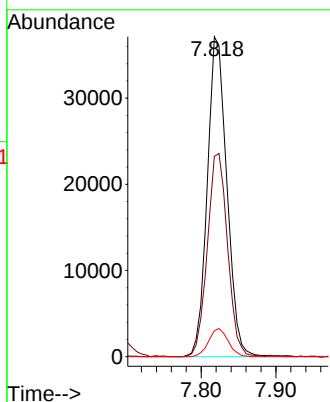
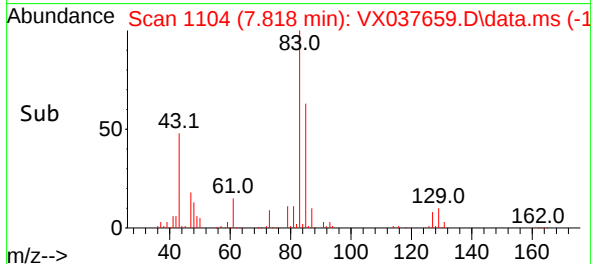
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 83 Resp: 67748
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 8.1 7.1 10.7

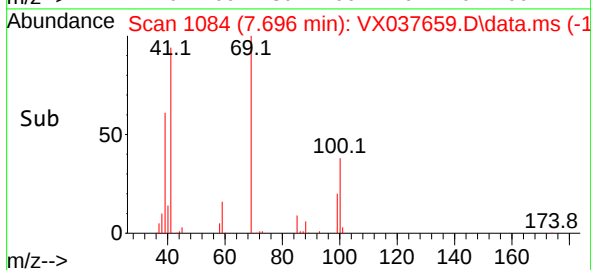
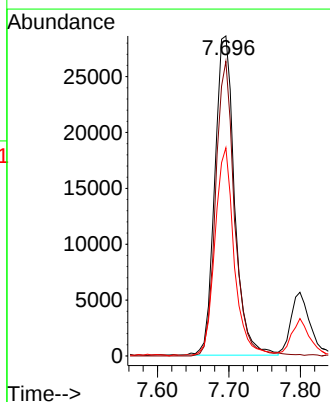
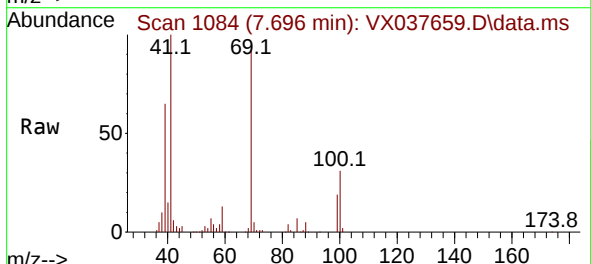
Manual Integrations
APPROVED

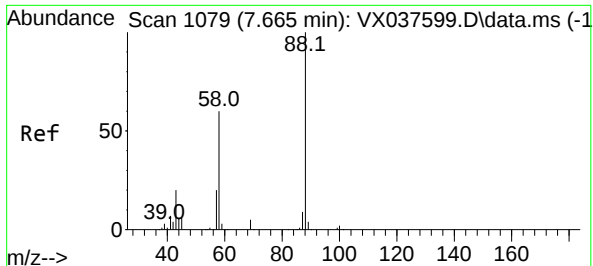
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 17.873 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 41 Resp: 54950
Ion Ratio Lower Upper
41 100
69 88.4 59.2 88.8
39 64.0 47.7 71.5





#49

1,4-Dioxane

Concen: 338.893 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

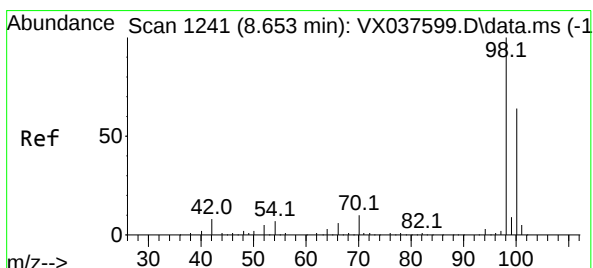
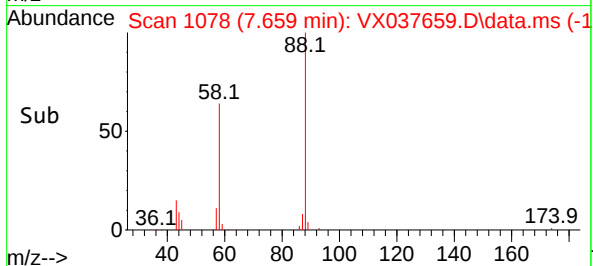
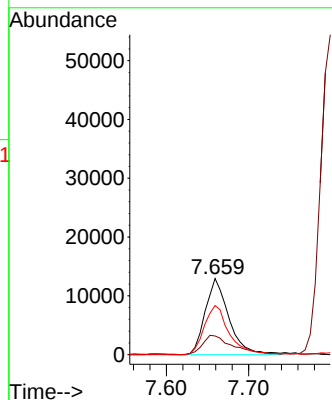
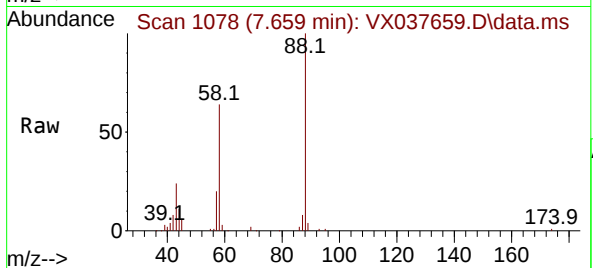
Tgt Ion: 88 Resp: 25952
 Ion Ratio Lower Upper
 88 100
 43 33.1 0.0 0.0
 58 67.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#50

Toluene-d8

Concen: 53.721 ug/l

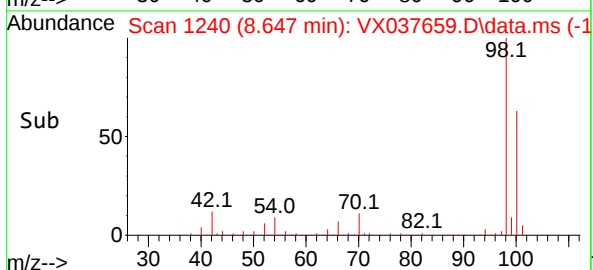
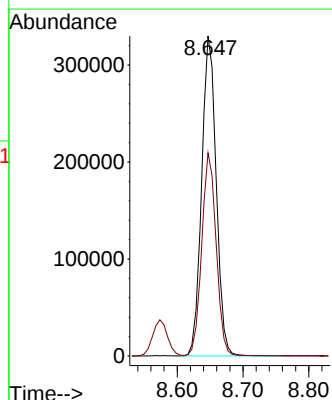
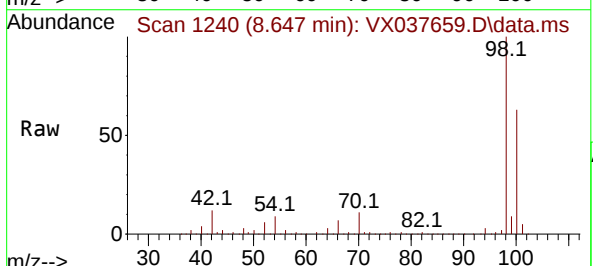
RT: 8.647 min Scan# 1240

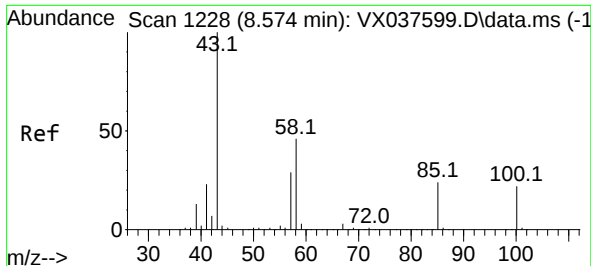
Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

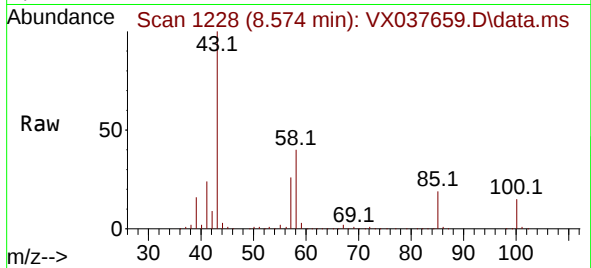
Tgt Ion: 98 Resp: 507320
 Ion Ratio Lower Upper
 98 100
 100 62.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 91.781 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

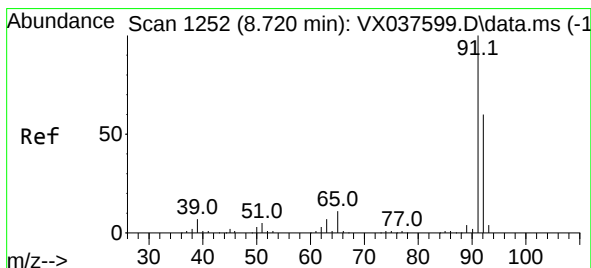
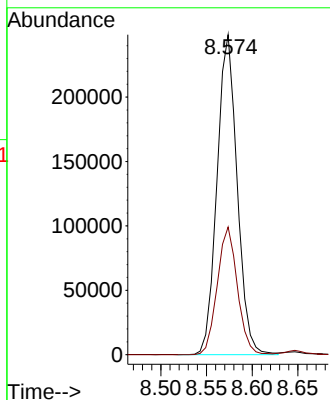
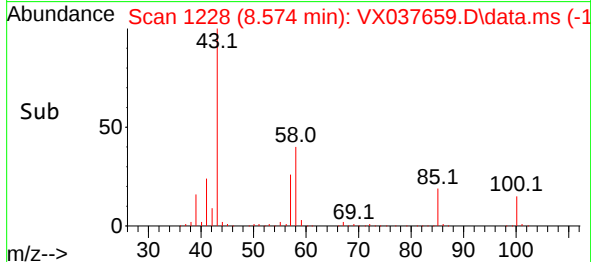
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion: 43 Resp: 380948
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6

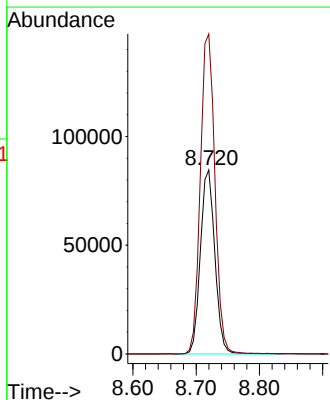
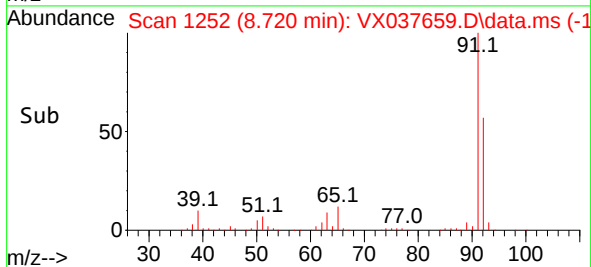
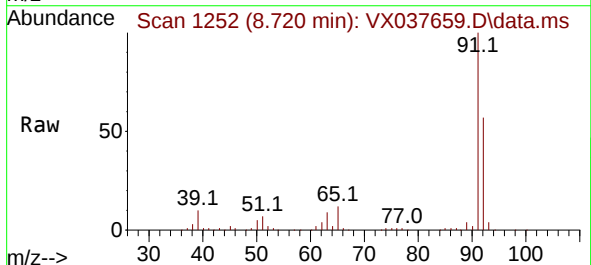
Manual Integrations
APPROVED

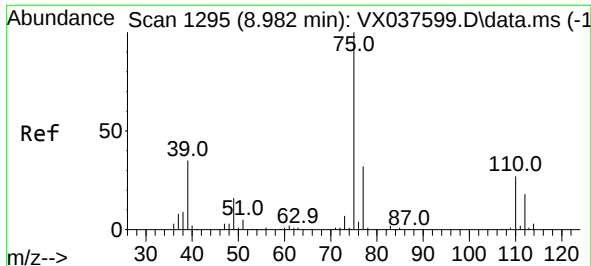
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#52
Toluene
Concen: 20.267 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 92 Resp: 134646
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.536 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 75 Resp: 71136

Ion Ratio Lower Upper

75 100

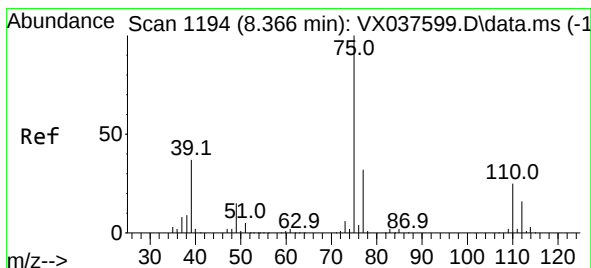
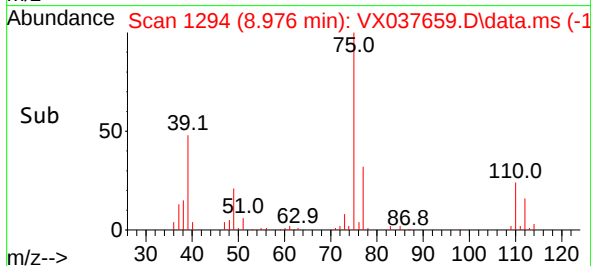
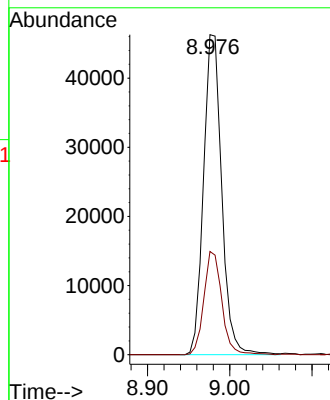
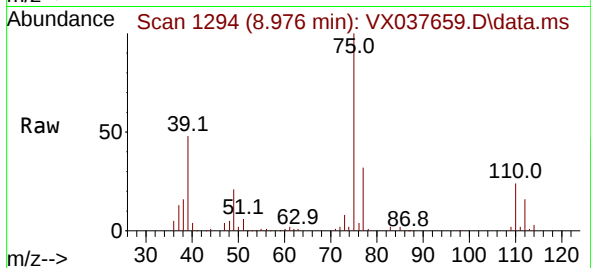
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#54

cis-1,3-Dichloropropene

Concen: 19.679 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

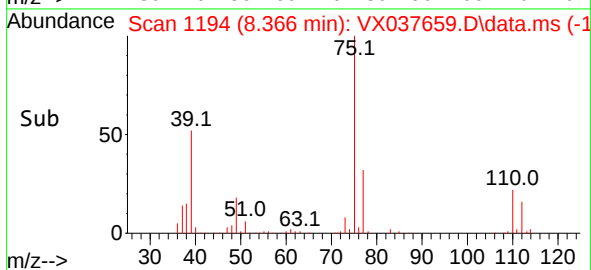
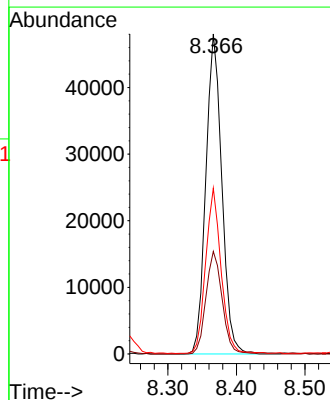
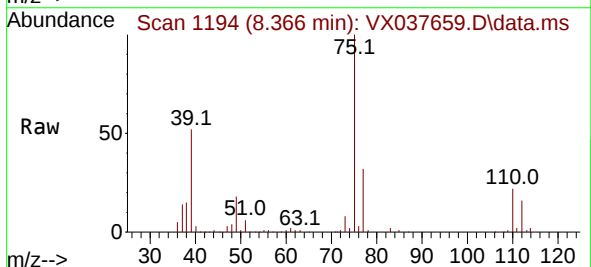
Tgt Ion: 75 Resp: 78147

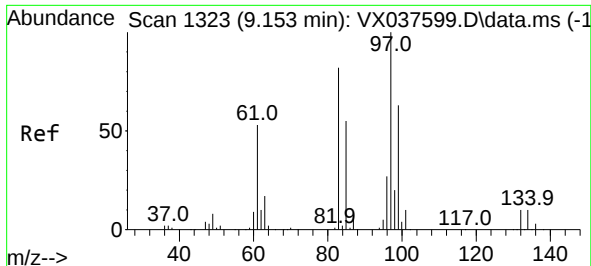
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

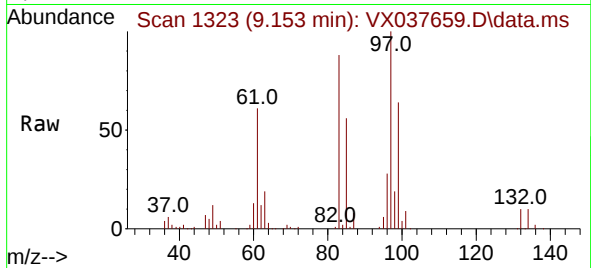
39 51.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.748 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

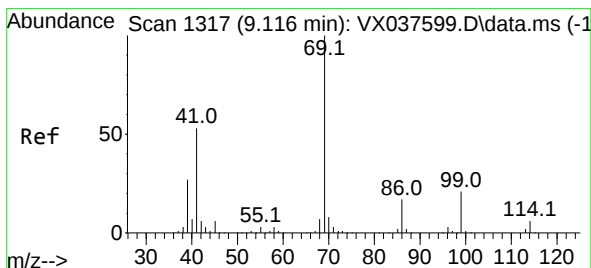
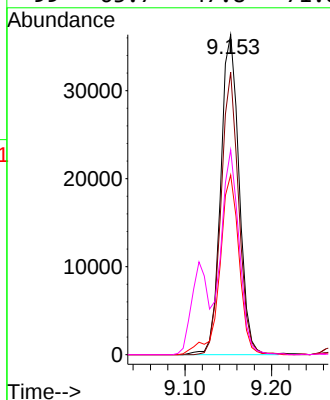
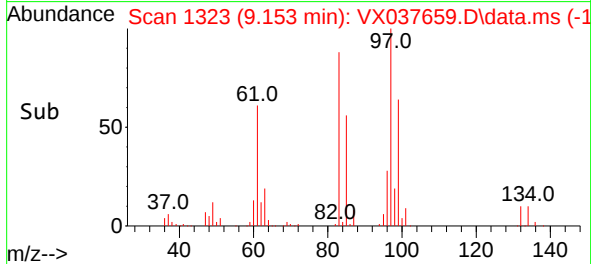
Instrument : MSVOA_X
ClientSampleId : VX0912WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	65.8	98.8
85	56.2	41.6	62.4
99	63.7	47.8	71.8

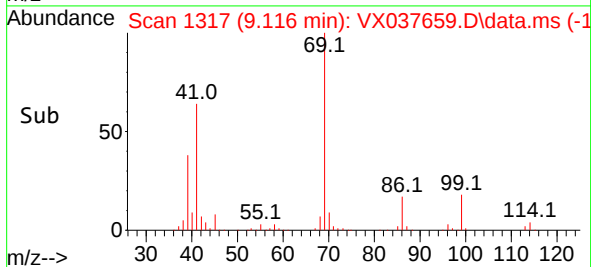
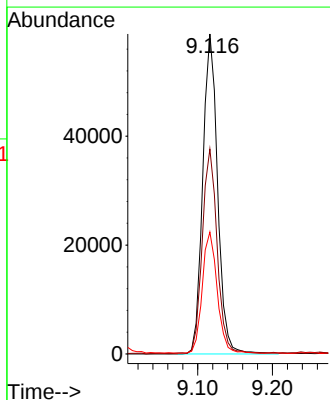
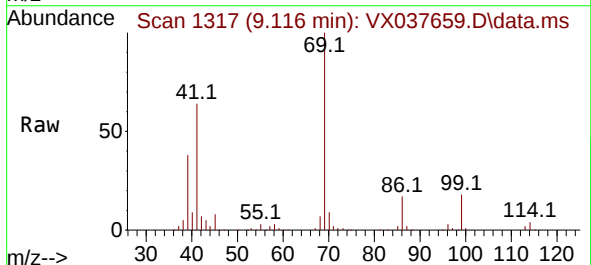
Manual Integrations
APPROVED

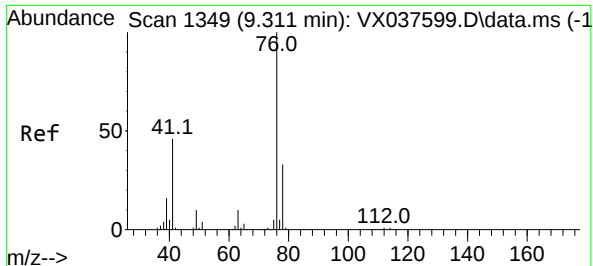
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#56
Ethyl methacrylate
Concen: 18.916 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	56.8	85.2
39	38.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.417 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 76 Resp: 87584

Ion Ratio Lower Upper

76 100

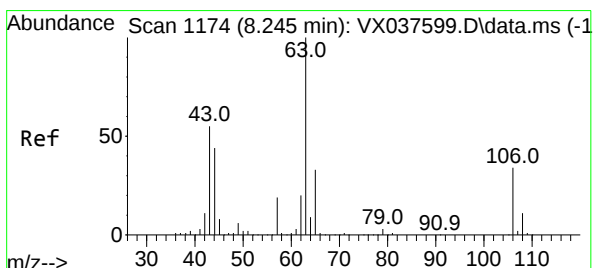
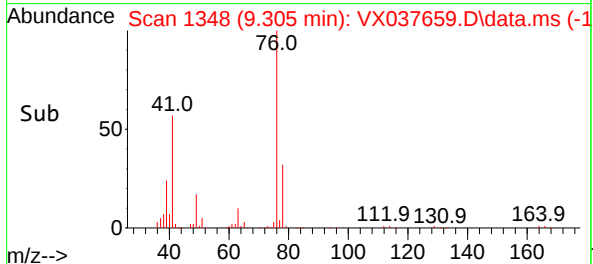
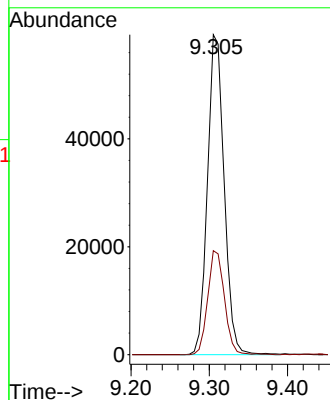
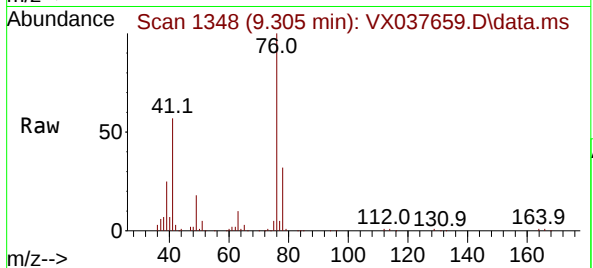
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.736 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037659.D

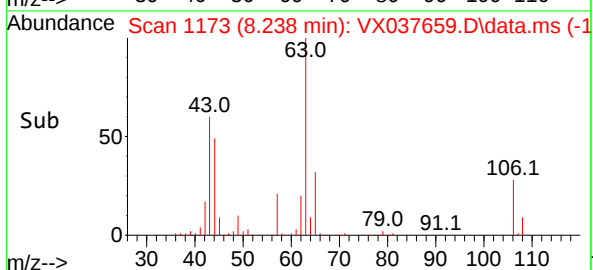
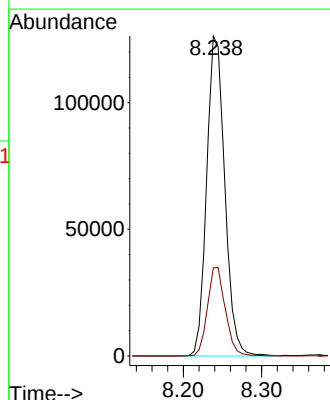
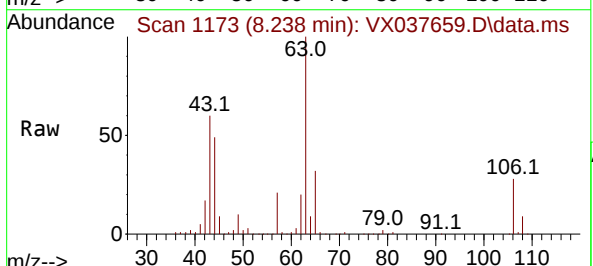
Acq: 12 Sep 2023 11:18

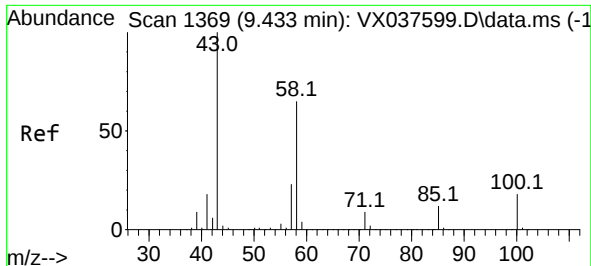
Tgt Ion: 63 Resp: 202518

Ion Ratio Lower Upper

63 100

106 27.3 22.5 33.7





#59

2-Hexanone

Concen: 94.314 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 43 Resp: 300264

Ion Ratio Lower Upper

43 100

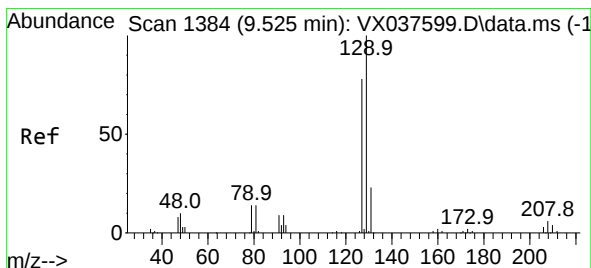
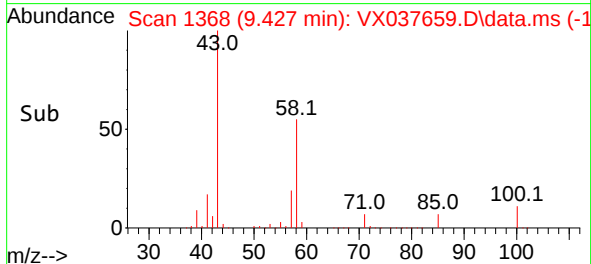
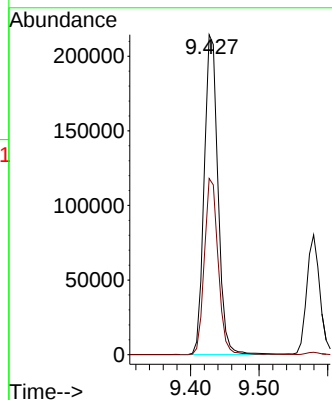
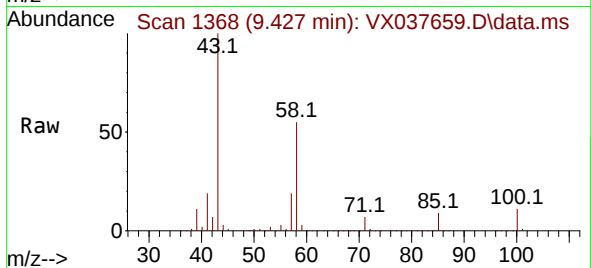
58 55.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#60

Dibromochloromethane

Concen: 18.992 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037659.D

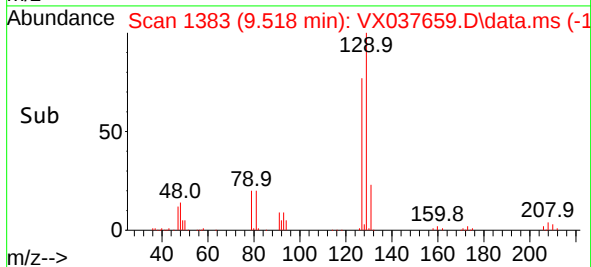
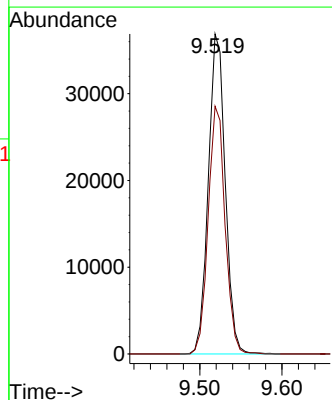
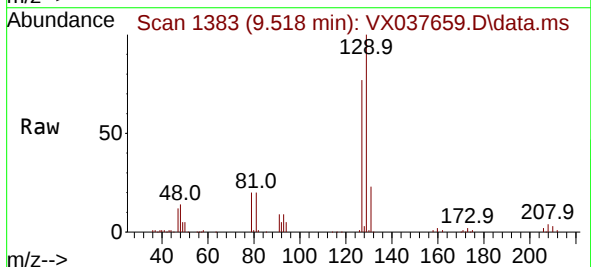
Acq: 12 Sep 2023 11:18

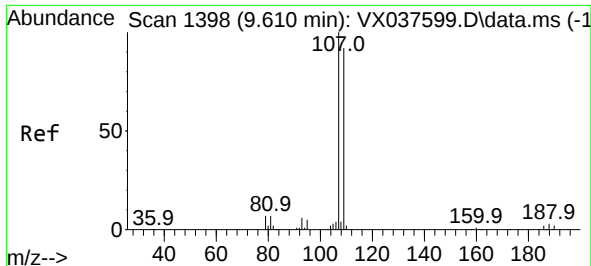
Tgt Ion:129 Resp: 52663

Ion Ratio Lower Upper

129 100

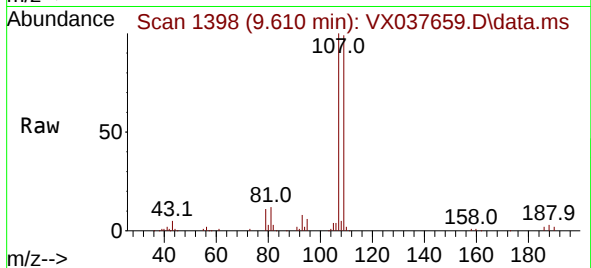
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.476 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

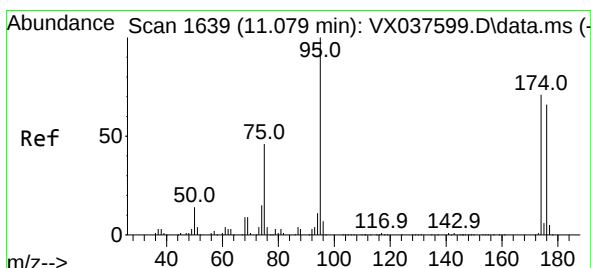
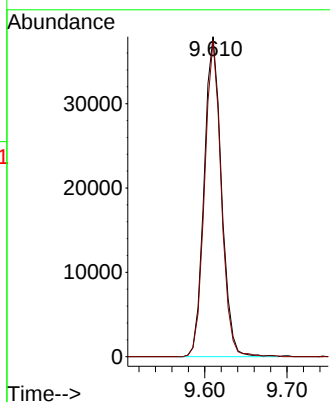
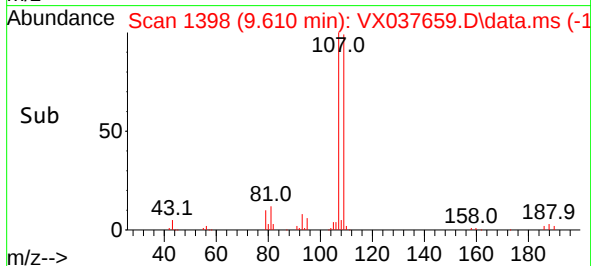
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



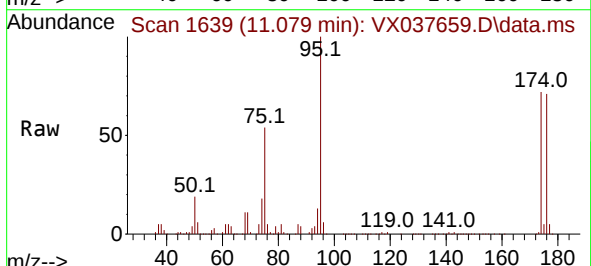
Tgt Ion:107 Resp: 55650
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

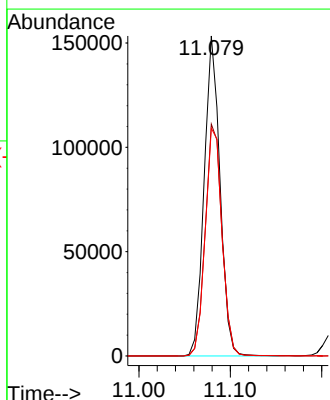
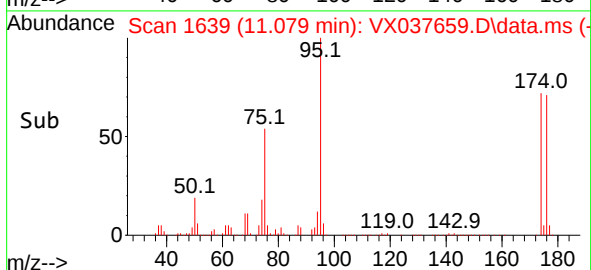
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

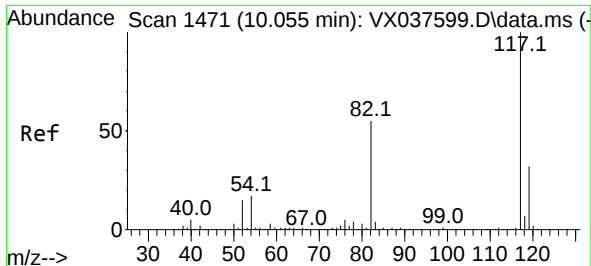


#62
4-Bromofluorobenzene
Concen: 53.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18



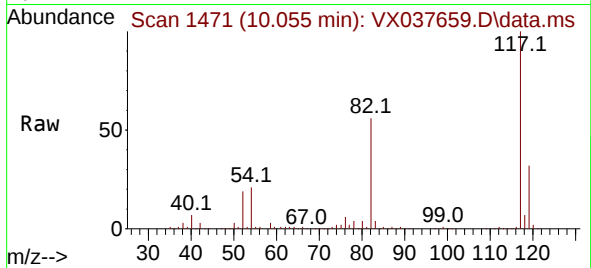
Tgt Ion: 95 Resp: 183687
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 75.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

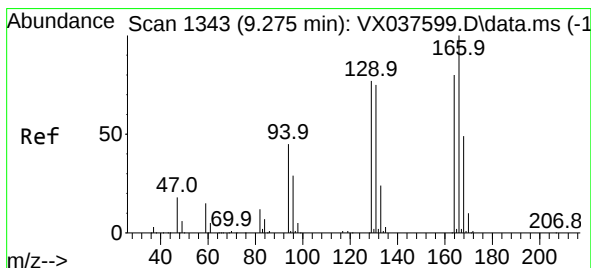
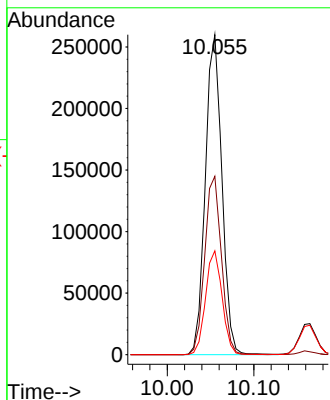
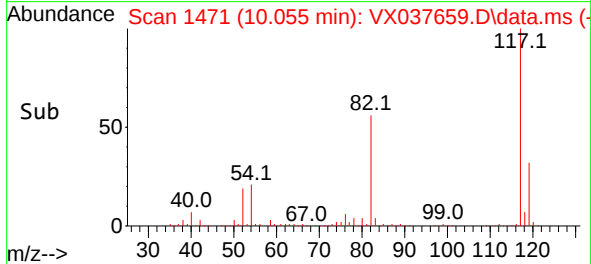
Instrument : MSVOA_X
ClientSampleId : VX0912WBS01



Tgt Ion:117 Resp: 345854
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.4 25.5 38.3

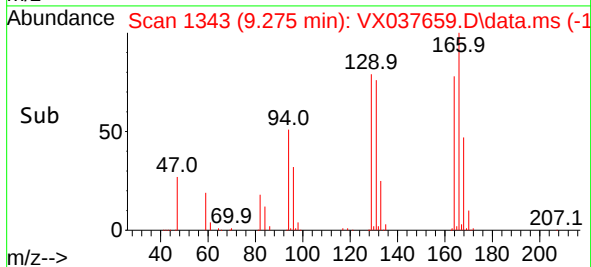
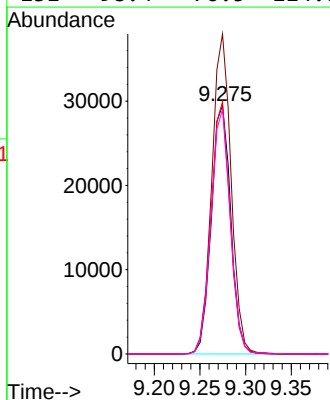
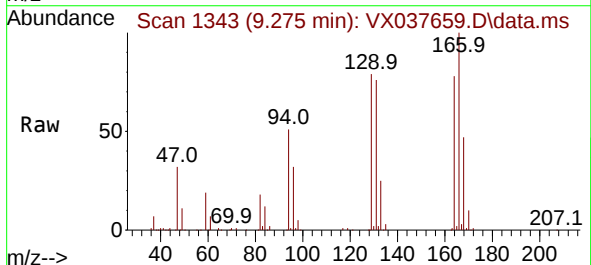
Manual Integrations
APPROVED

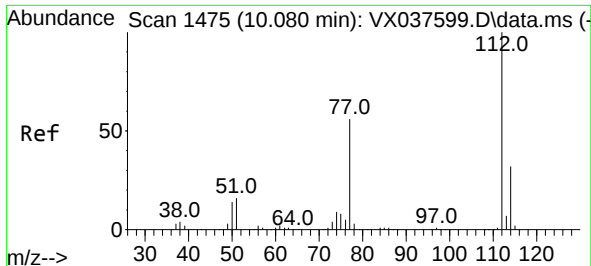
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 19.629 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion:164 Resp: 43487
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 101.6 80.4 120.6
131 98.4 76.5 114.7





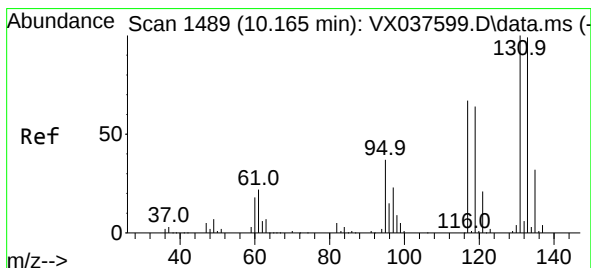
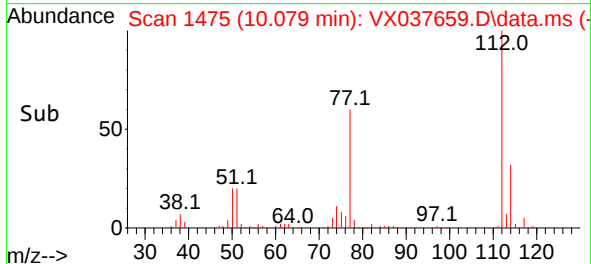
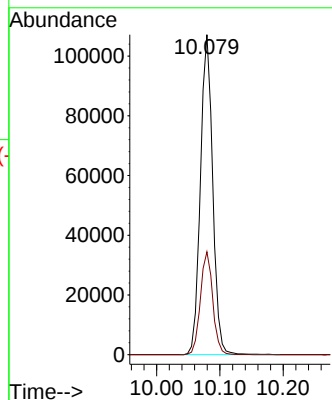
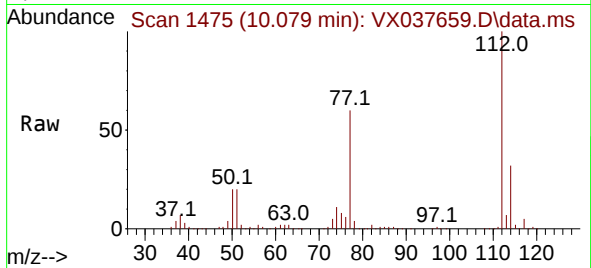
#65
Chlorobenzene
Concen: 19.447 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion:112 Resp: 144992
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

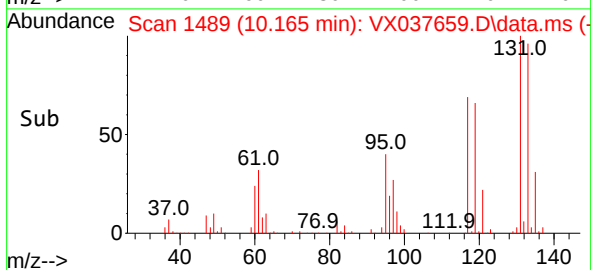
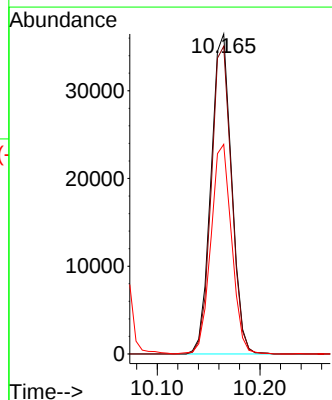
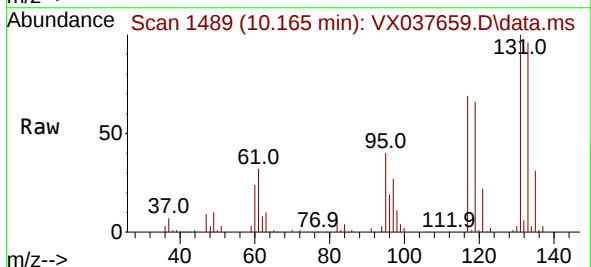
Manual Integrations
APPROVED

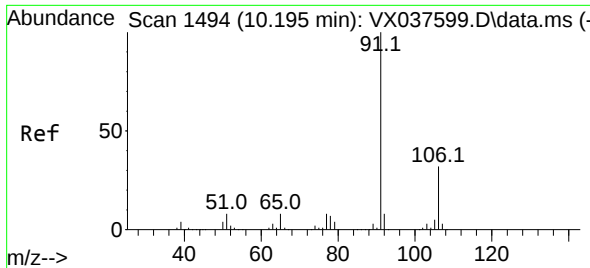
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.518 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

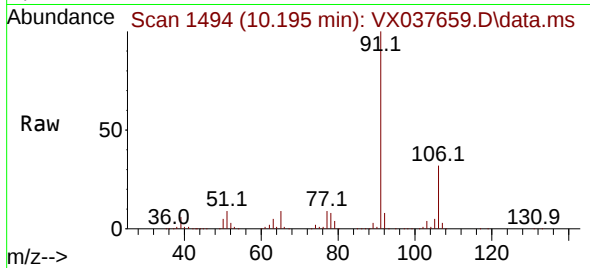
Tgt Ion:131 Resp: 50787
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 65.9 32.2 96.6





#67
Ethyl Benzene
Concen: 20.022 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

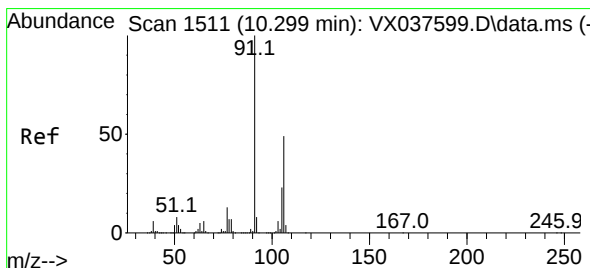
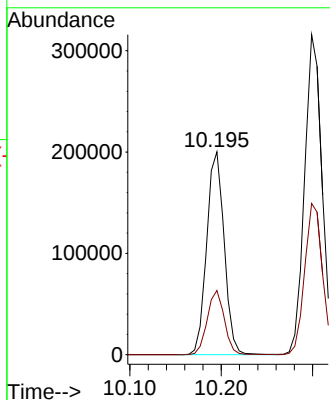
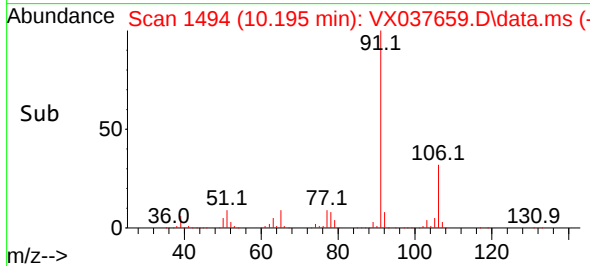
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



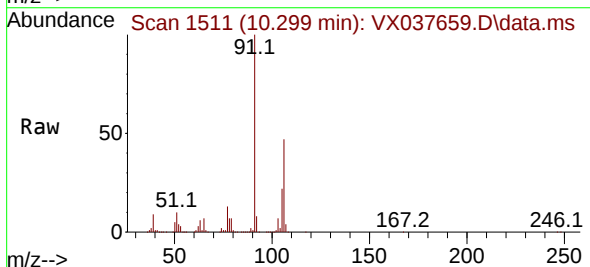
Tgt Ion: 91 Resp: 26547
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

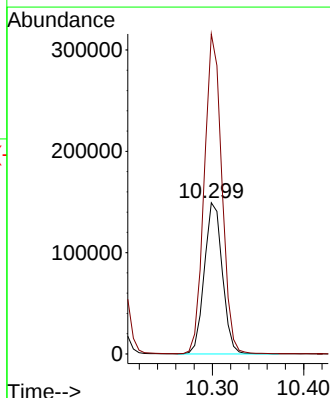
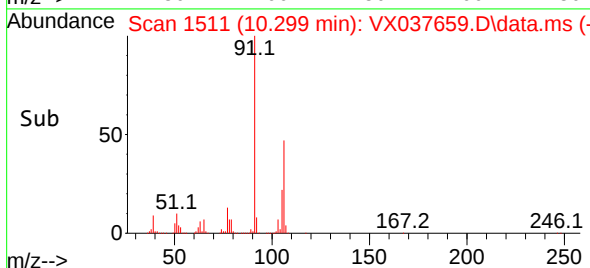
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

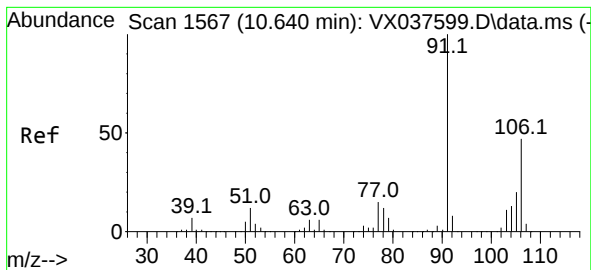


#68
m/p-Xylenes
Concen: 40.234 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18



Tgt Ion:106 Resp: 203264
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





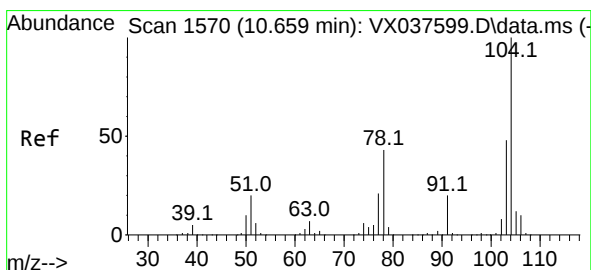
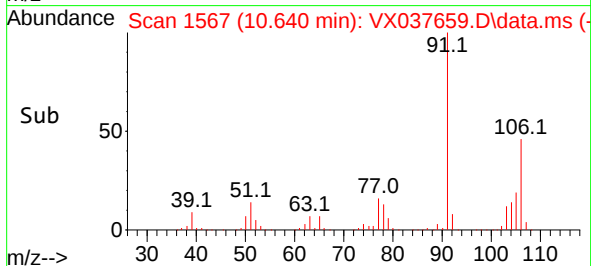
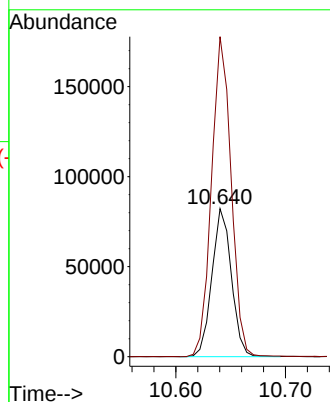
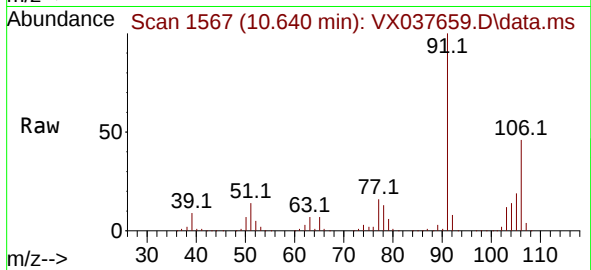
#69
o-Xylene
Concen: 20.235 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion:106 Resp: 10137
Ion Ratio Lower Upper
106 100
91 218.5 108.9 326.8

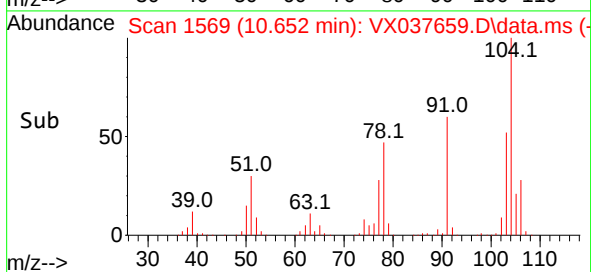
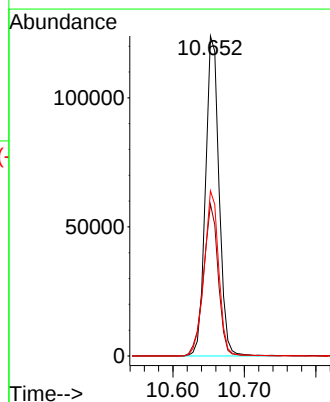
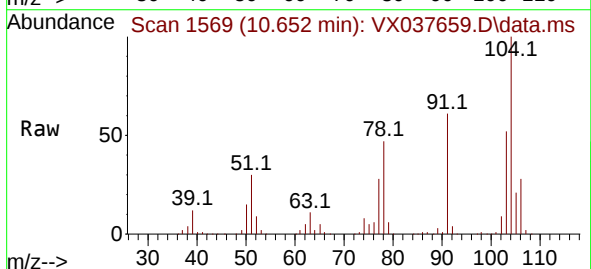
Manual Integrations
APPROVED

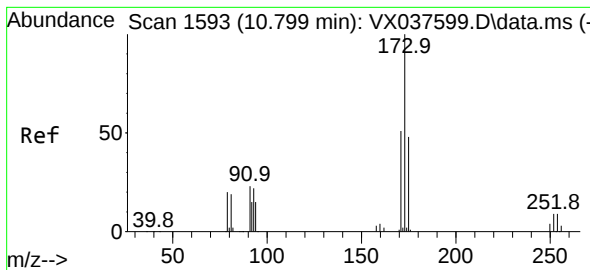
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 19.804 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

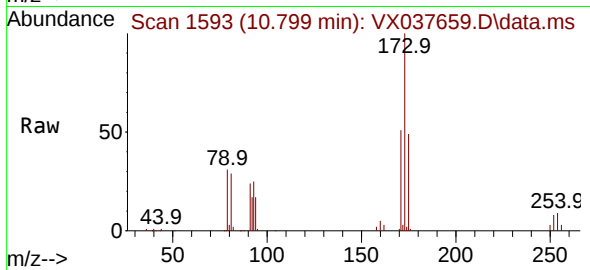
Tgt Ion:104 Resp: 163677
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 18.145 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

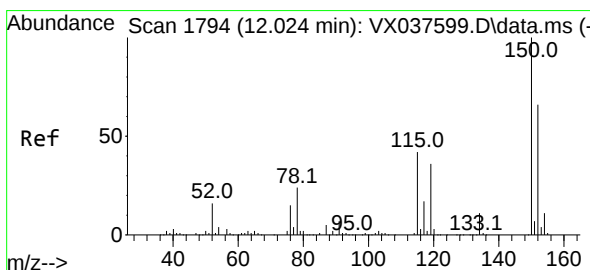
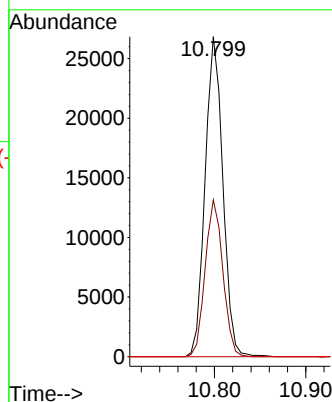
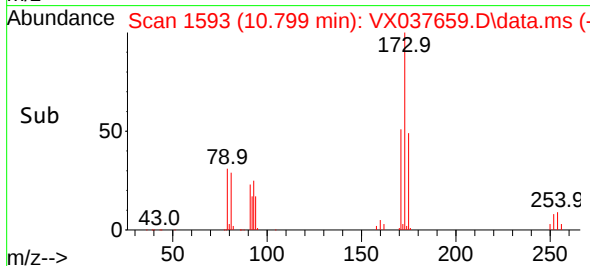
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



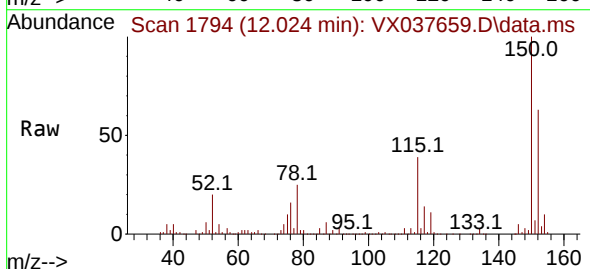
Tgt Ion:173 Resp: 3609
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

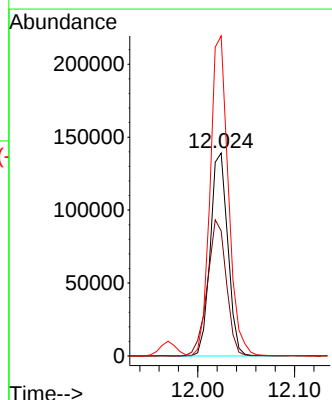
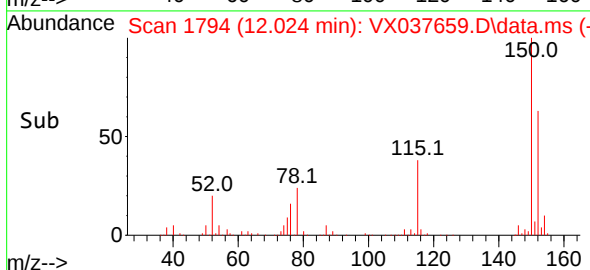
Reviewed By :John Carbone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

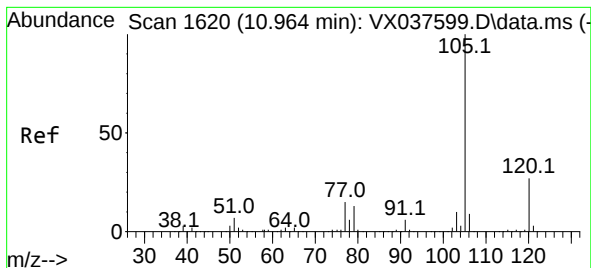


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18



Tgt Ion:152 Resp: 175090
Ion Ratio Lower Upper
152 100
115 72.8 43.3 129.9
150 163.9 0.0 345.0





#73

Isopropylbenzene

Concen: 20.283 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion:105 Resp: 26725

Ion Ratio Lower Upper

105 100

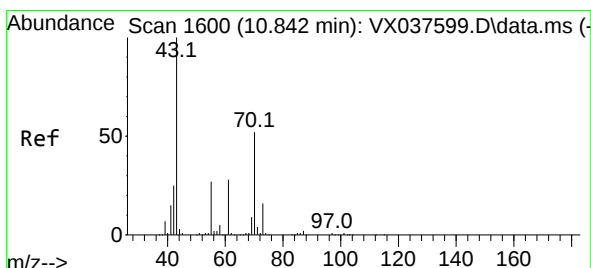
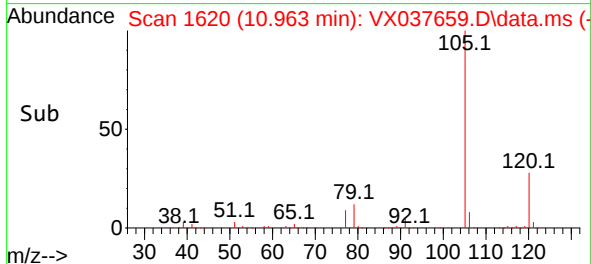
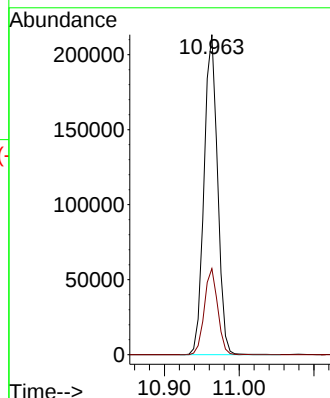
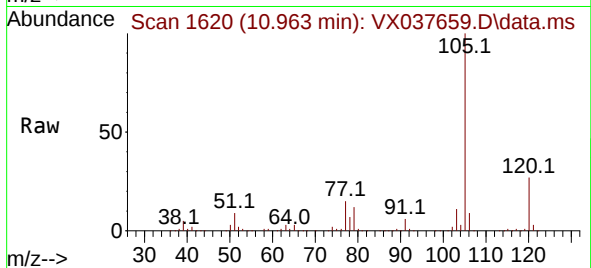
120 26.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#74

N-ethyl acetate

Concen: 18.678 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Tgt Ion: 43 Resp: 108646

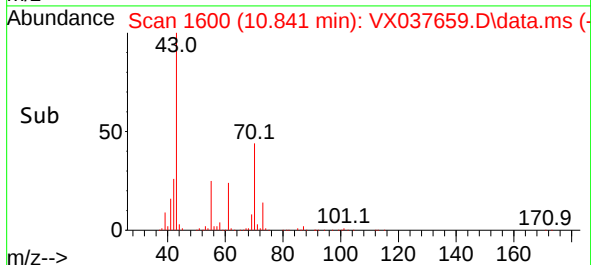
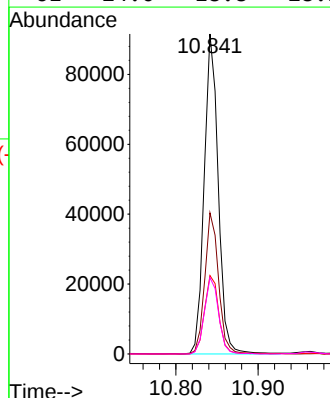
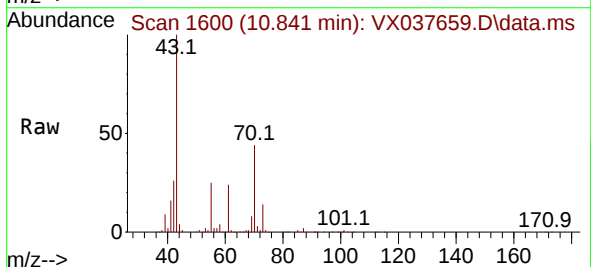
Ion Ratio Lower Upper

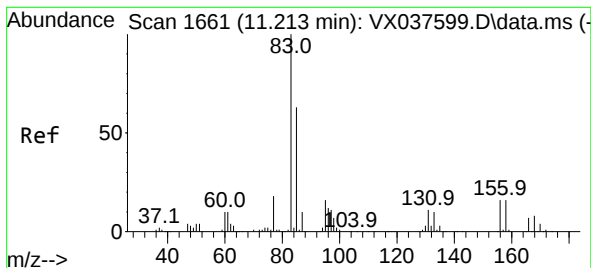
43 100

70 43.5 32.9 49.3

55 25.2 19.3 28.9

61 24.0 18.8 28.2





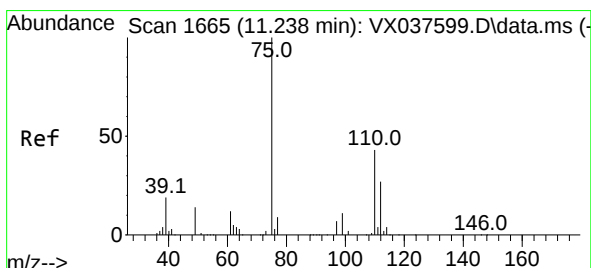
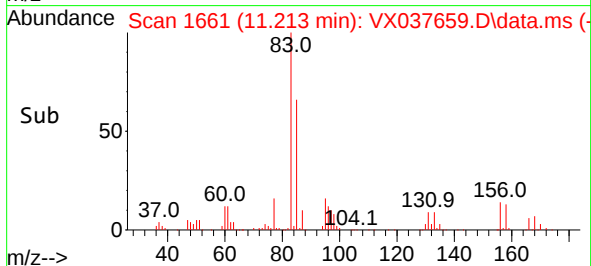
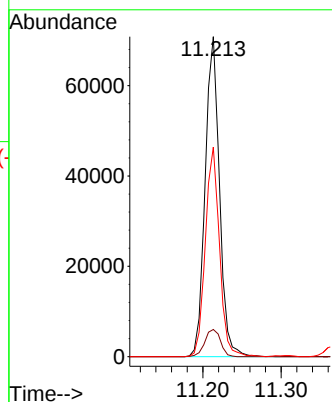
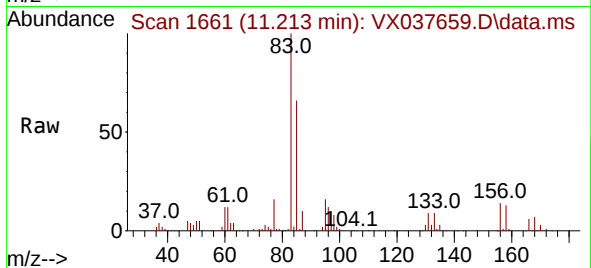
#75
1,1,2,2-Tetrachloroethane
Concen: 17.997 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion: 83 Resp: 89908
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.8 32.0 96.2

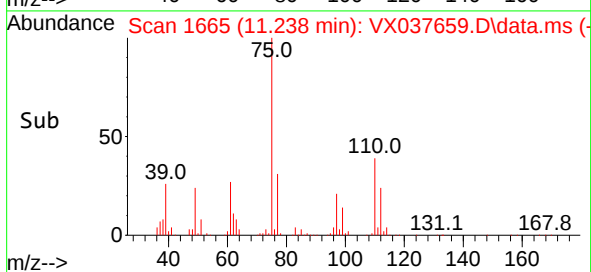
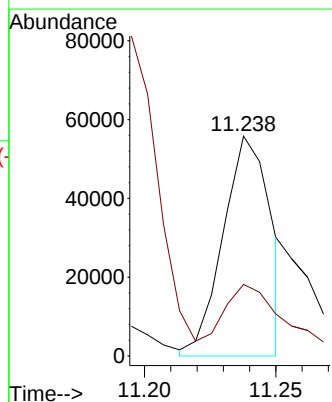
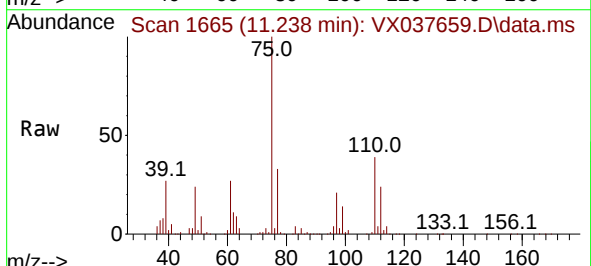
Manual Integrations
APPROVED

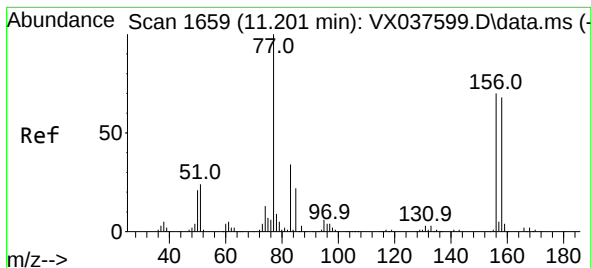
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 17.739 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 75 Resp: 70208
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77

Bromobenzene

Concen: 19.365 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

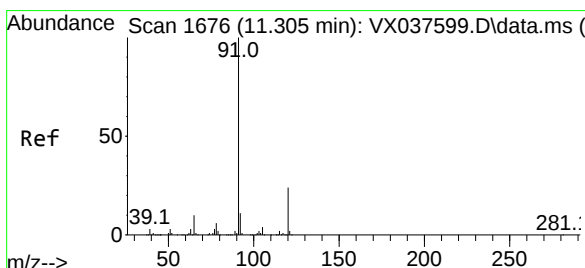
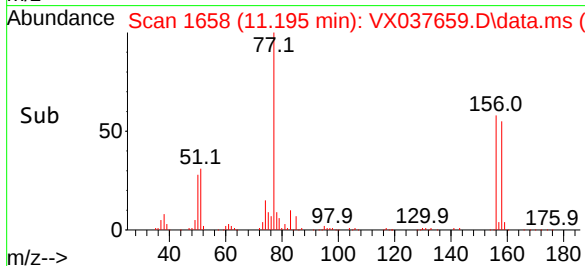
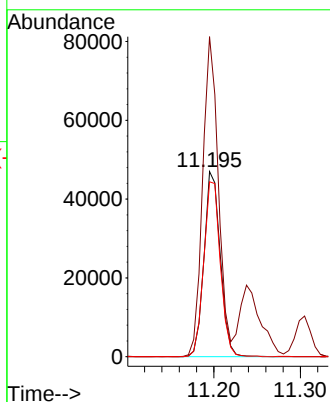
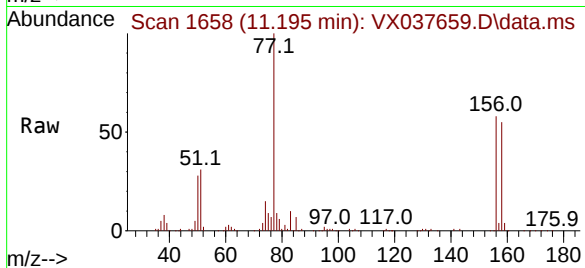
Tgt Ion:	156	Resp:	61238
Ion Ratio	Lower	Upper	
156	100		
77	166.5	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#78

n-propylbenzene

Concen: 20.378 ug/l

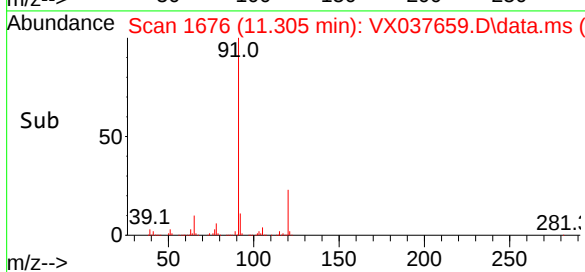
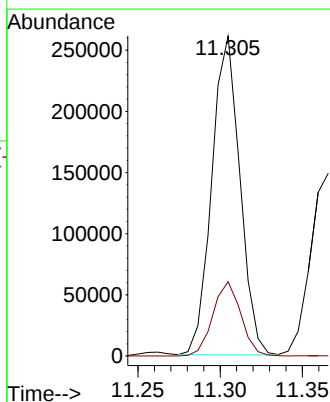
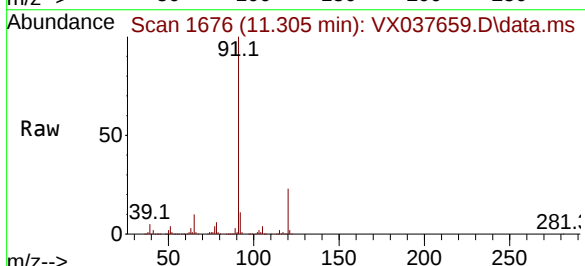
RT: 11.305 min Scan# 1676

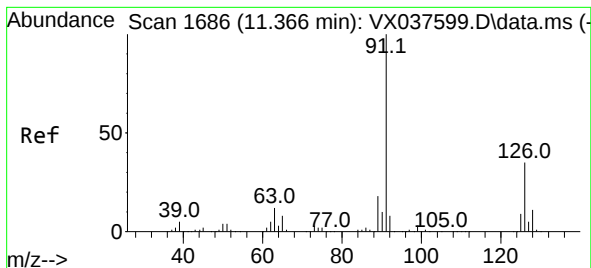
Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Tgt Ion:	91	Resp:	309899
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





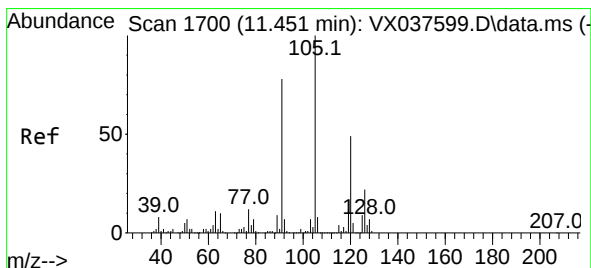
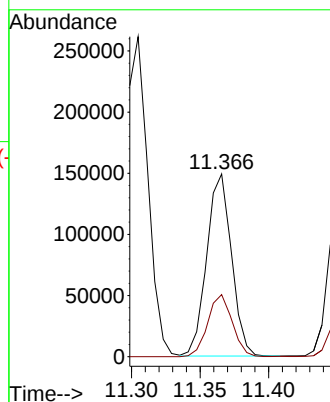
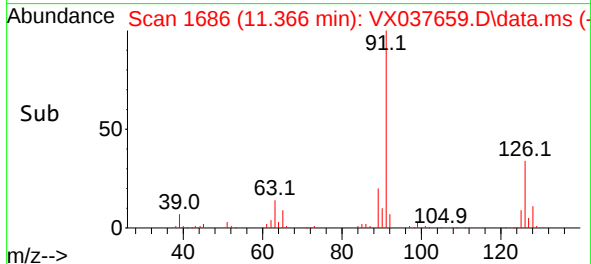
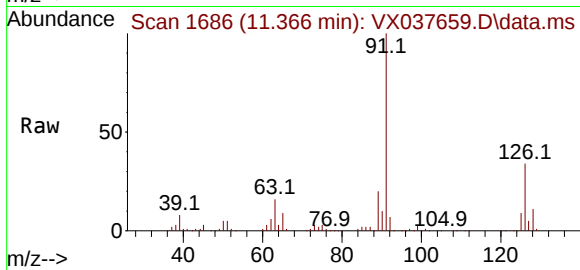
#79
2-Chlorotoluene
Concen: 20.021 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion: 91 Resp: 187248
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

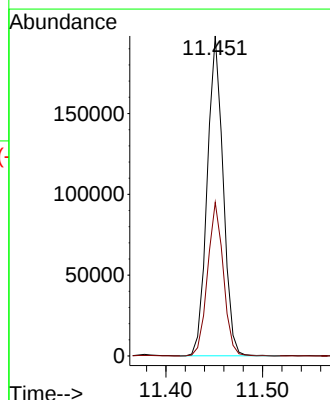
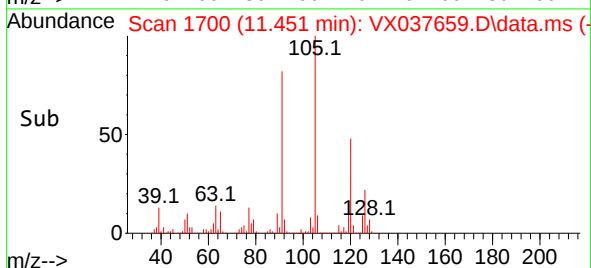
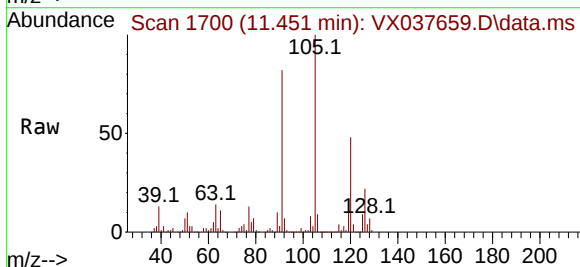
Manual Integrations
APPROVED

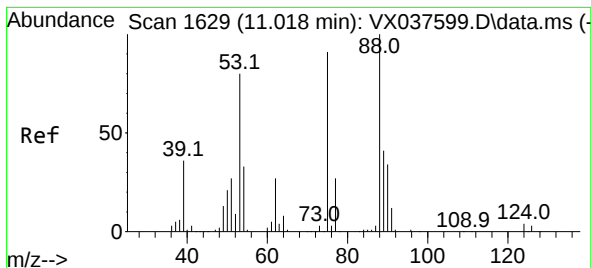
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.355 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion:105 Resp: 226569
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





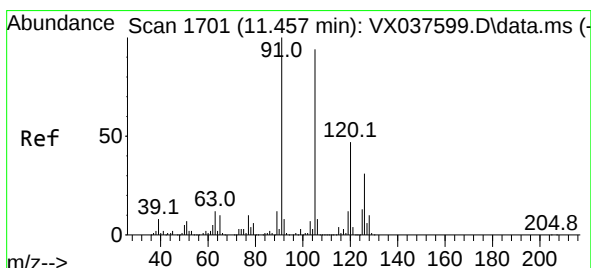
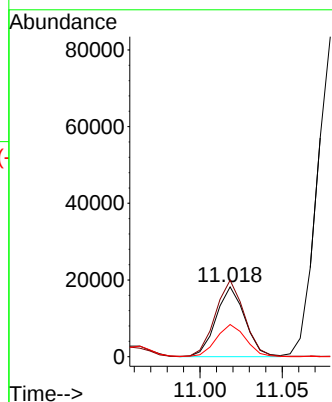
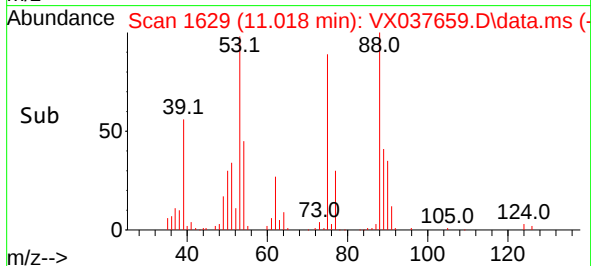
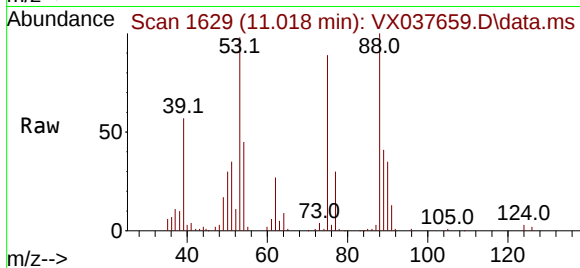
#81
trans-1,4-Dichloro-2-butene
Concen: 17.543 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion: 75 Resp: 22215
Ion Ratio Lower Upper
75 100
53 109.6 90.5 135.7
89 47.1 36.9 55.3

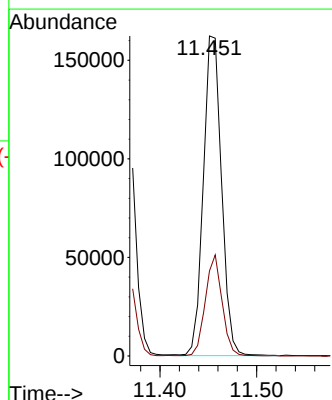
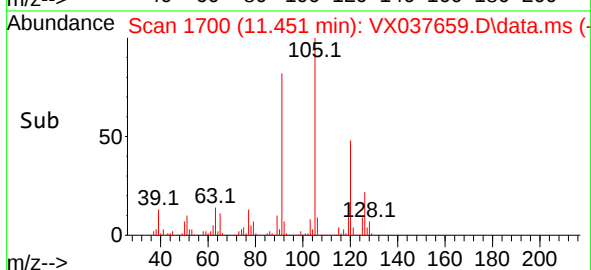
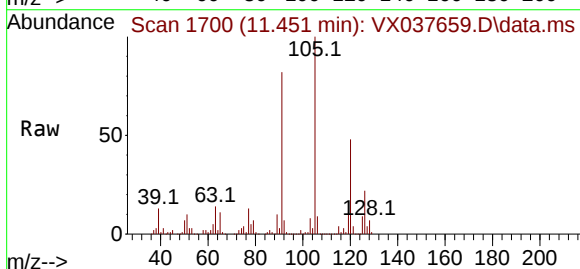
Manual Integrations
APPROVED

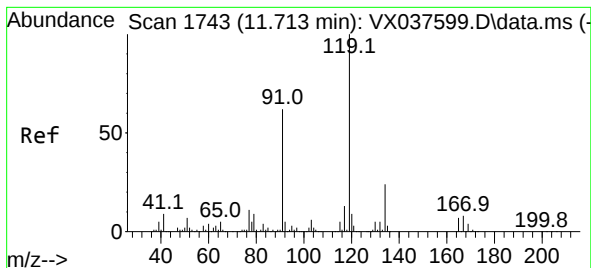
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 19.970 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

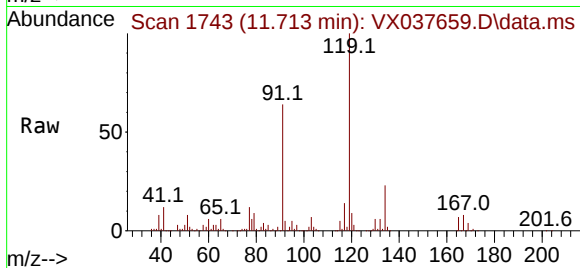
Tgt Ion: 91 Resp: 212569
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.194 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

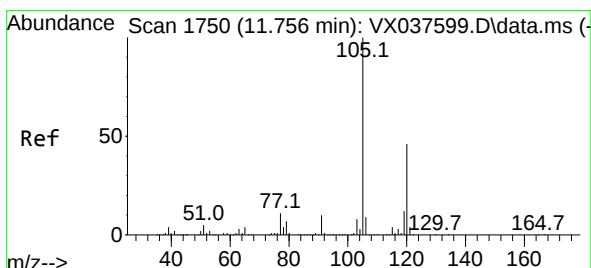
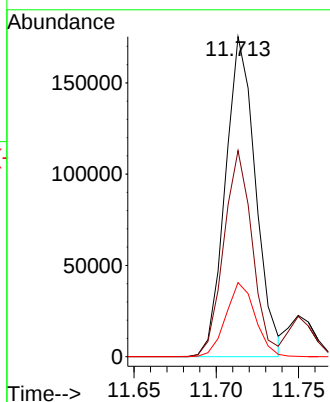
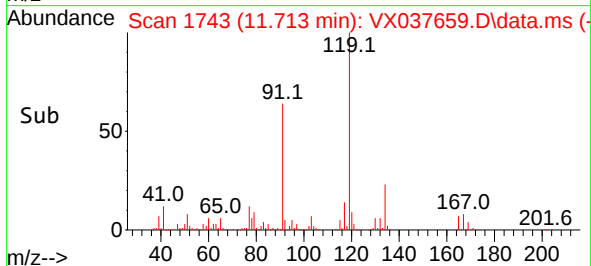
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



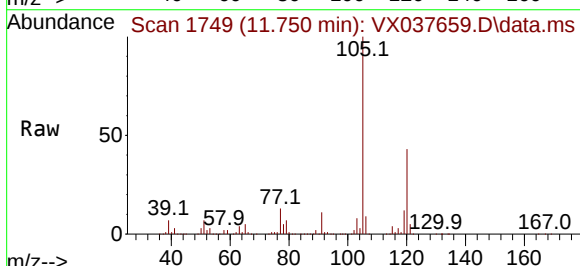
Tgt Ion:119 Resp: 224128
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 22.6 11.7 35.0

Manual Integrations
APPROVED

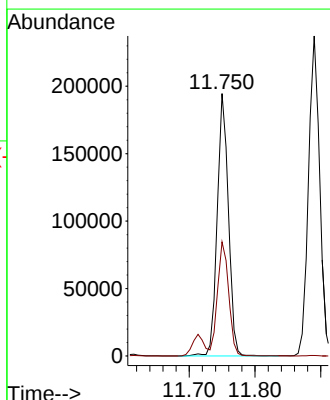
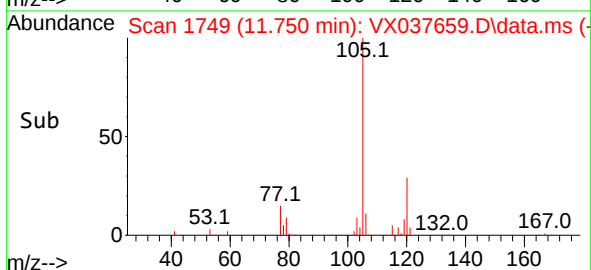
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

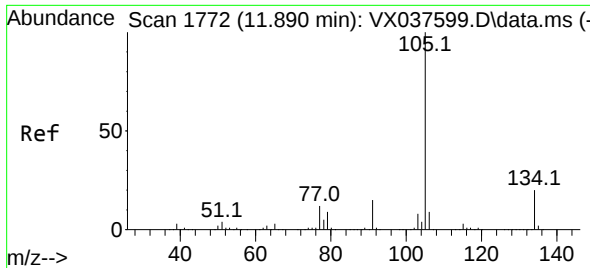


#84
1,2,4-Trimethylbenzene
Concen: 20.602 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18



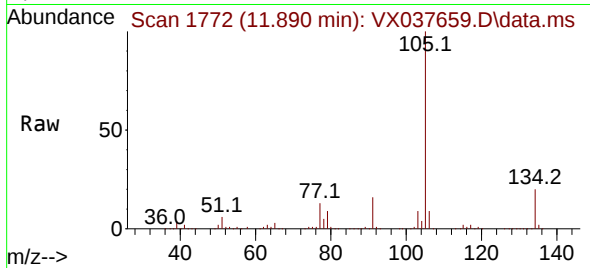
Tgt Ion:105 Resp: 230315
Ion Ratio Lower Upper
105 100
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.439 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037659.D
 Acq: 12 Sep 2023 11:18

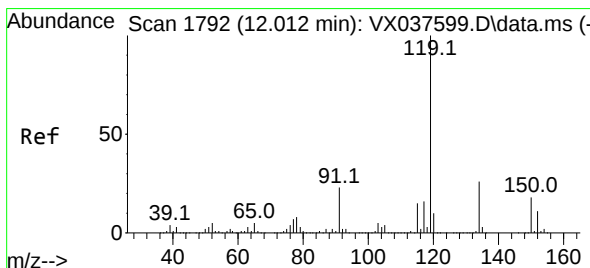
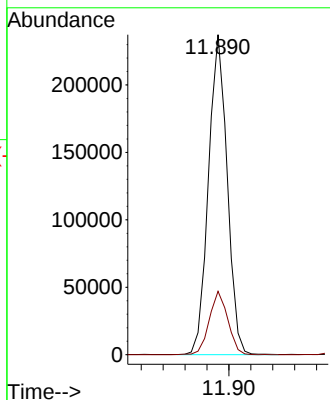
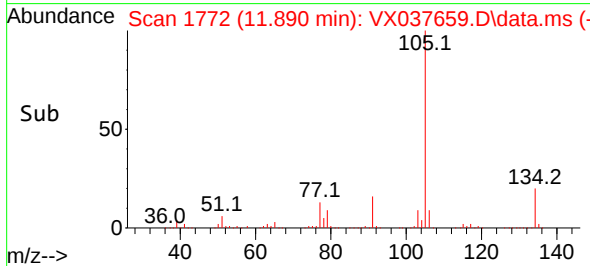
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912WBS01



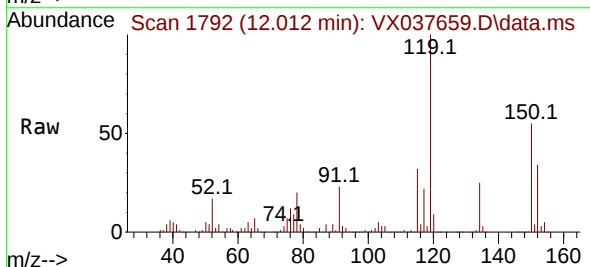
Tgt Ion:105 Resp: 281160
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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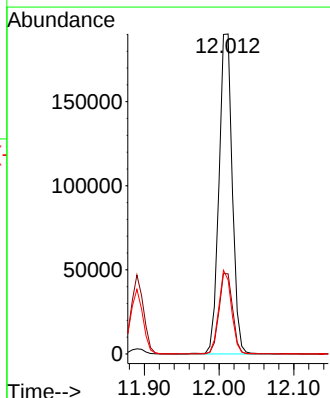
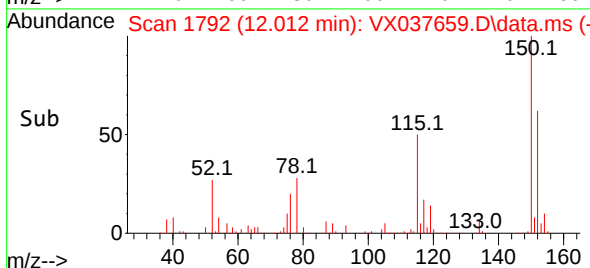
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

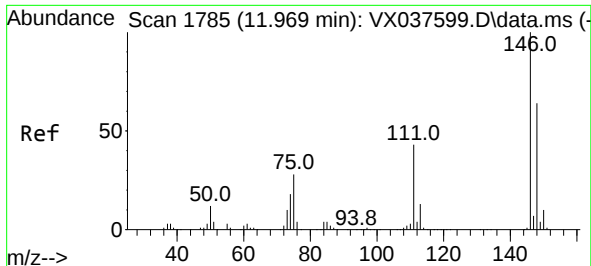


#86
 p-Isopropyltoluene
 Concen: 20.750 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037659.D
 Acq: 12 Sep 2023 11:18



Tgt Ion:119 Resp: 235047
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.673 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037659.D

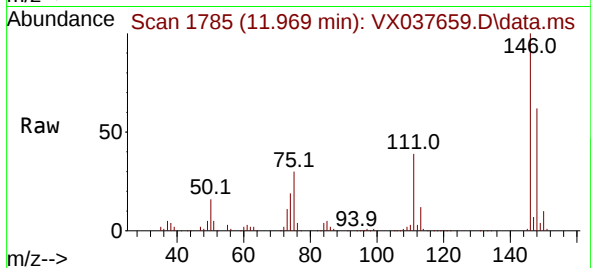
Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01



Tgt Ion:146 Resp: 11820

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

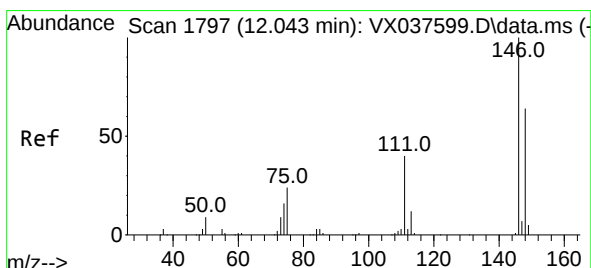
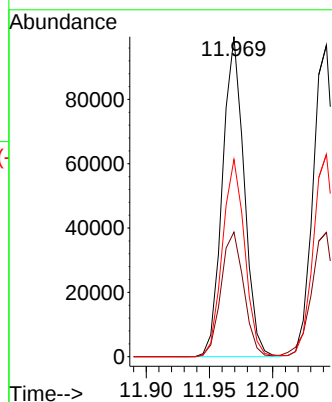
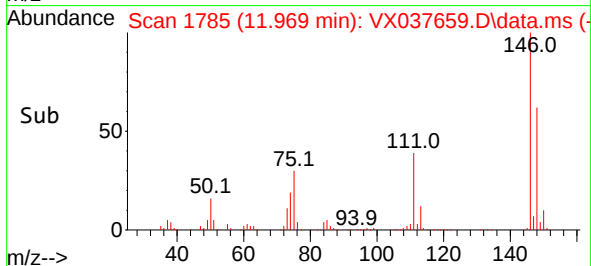
148 63.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#88

1,4-Dichlorobenzene

Concen: 19.413 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

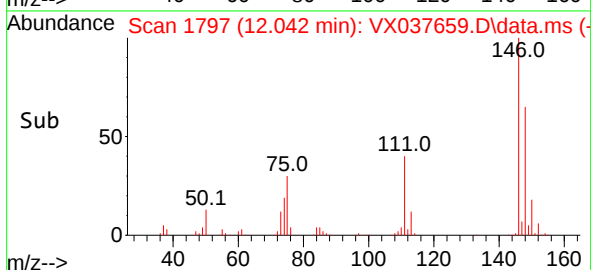
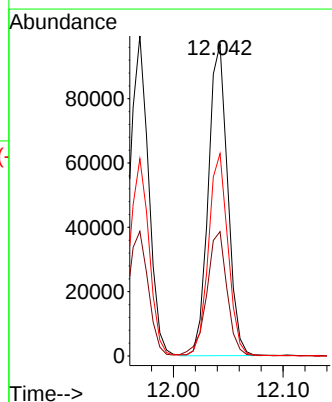
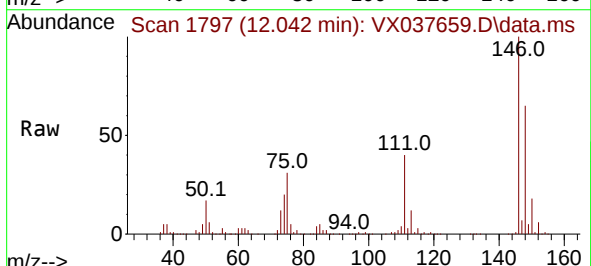
Tgt Ion:146 Resp: 118747

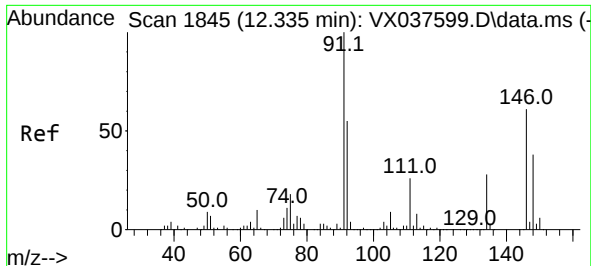
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 65.9 31.8 95.4





#89

n-Butylbenzene

Concen: 20.646 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

Tgt Ion: 91 Resp: 20936

Ion Ratio Lower Upper

91 100

92 50.9 27.4 82.0

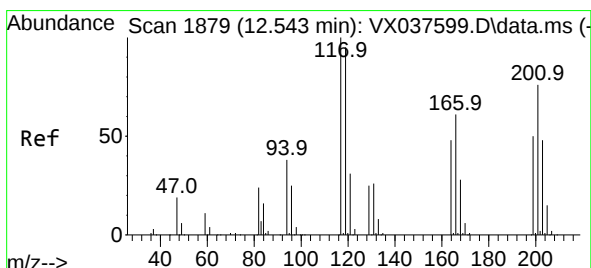
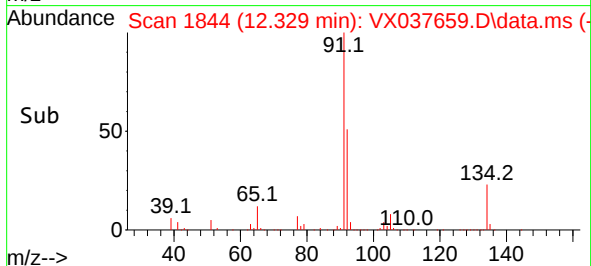
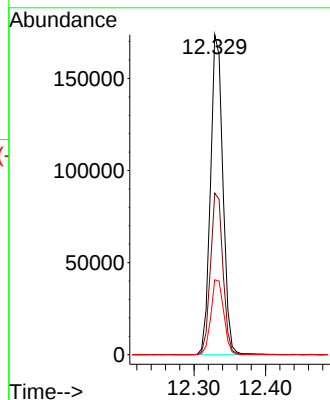
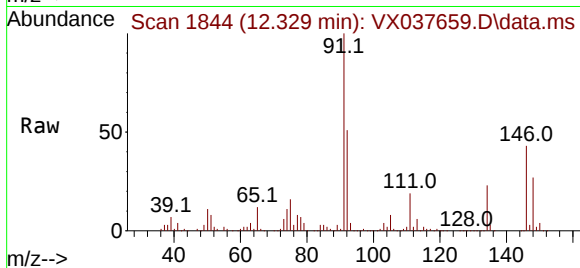
134 24.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#90

Hexachloroethane

Concen: 20.272 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037659.D

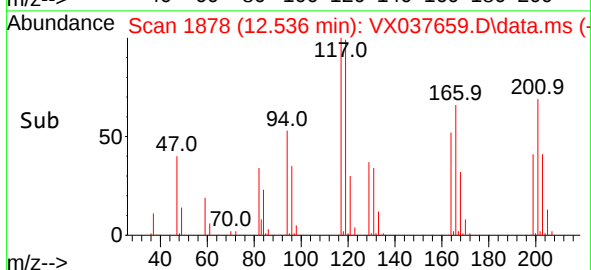
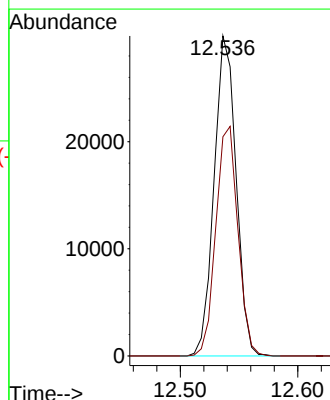
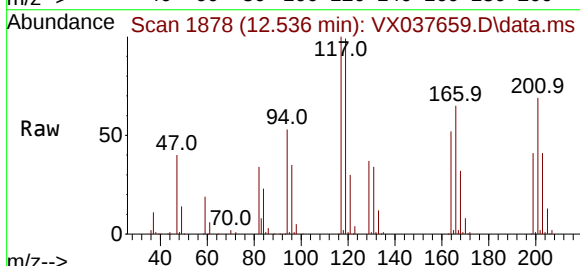
Acq: 12 Sep 2023 11:18

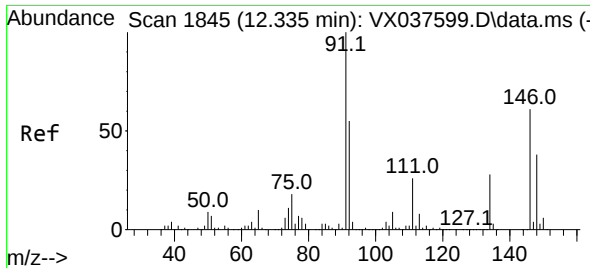
Tgt Ion:117 Resp: 38823

Ion Ratio Lower Upper

117 100

201 72.3 32.9 98.6





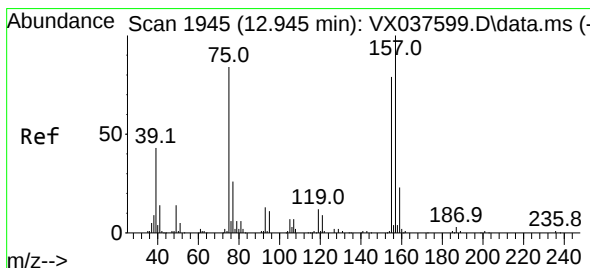
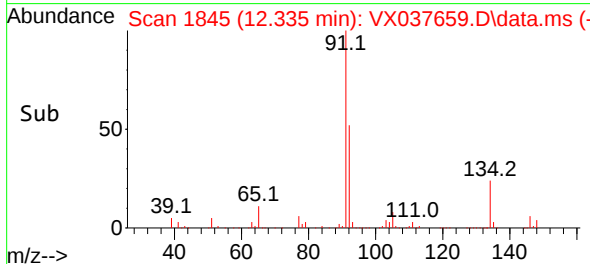
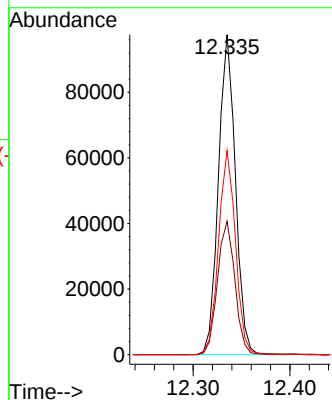
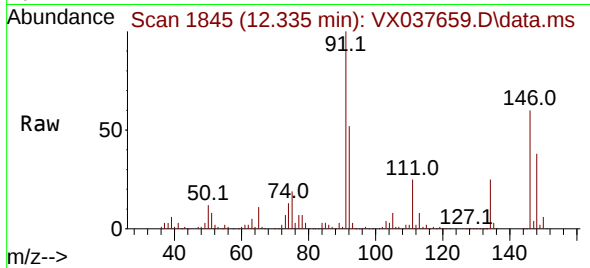
#91
1,2-Dichlorobenzene
Concen: 19.447 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Tgt Ion:146 Resp: 118814
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 63.7 31.6 95.0

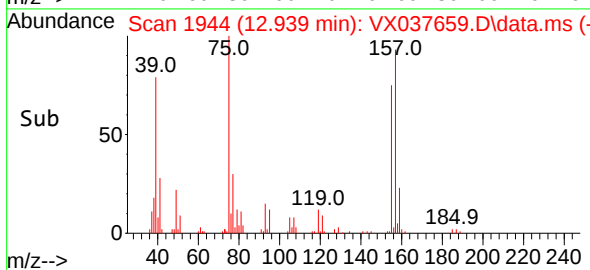
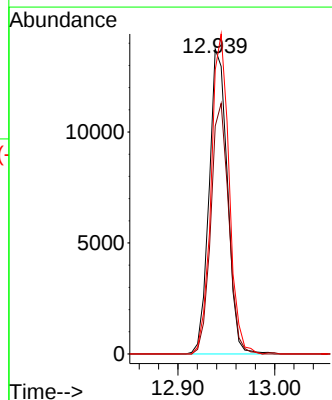
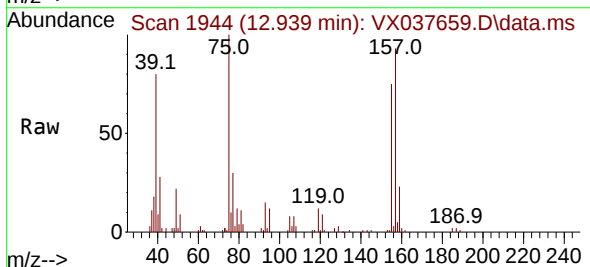
Manual Integrations
APPROVED

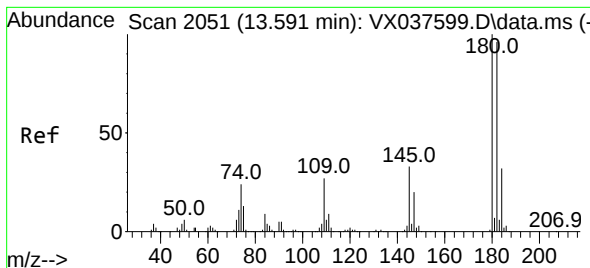
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.257 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion: 75 Resp: 18107
Ion Ratio Lower Upper
75 100
155 80.2 36.1 108.5
157 102.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.985 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0912WBS01

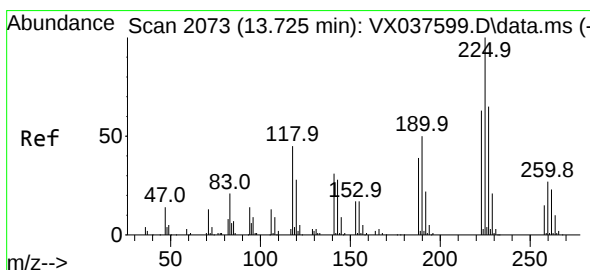
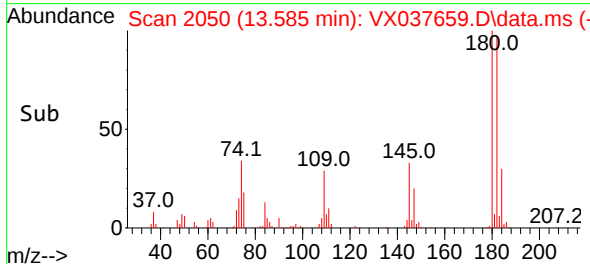
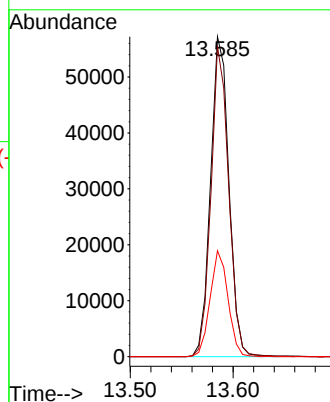
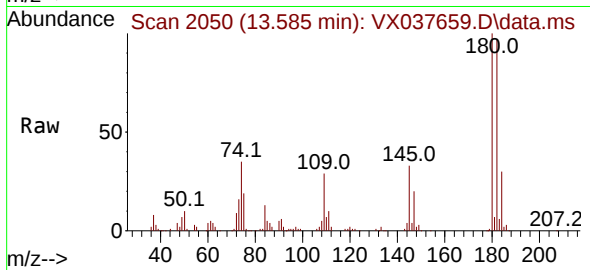
Tgt Ion:180	Resp:	7092
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.3 144.8
145	32.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#94

Hexachlorobutadiene

Concen: 20.619 ug/l

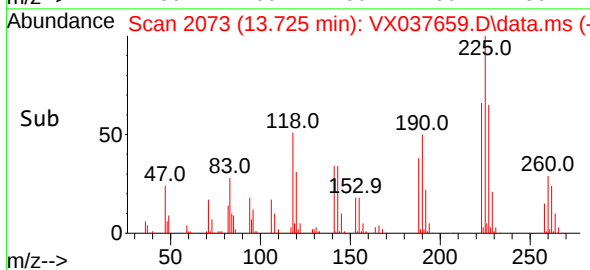
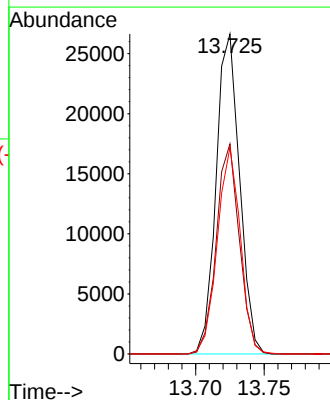
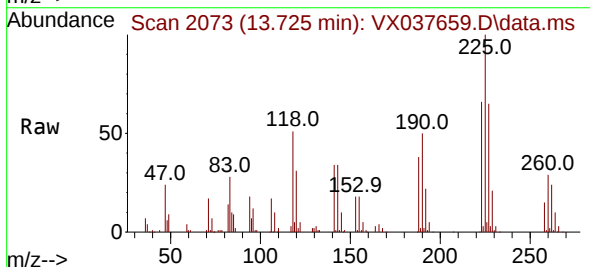
RT: 13.725 min Scan# 2073

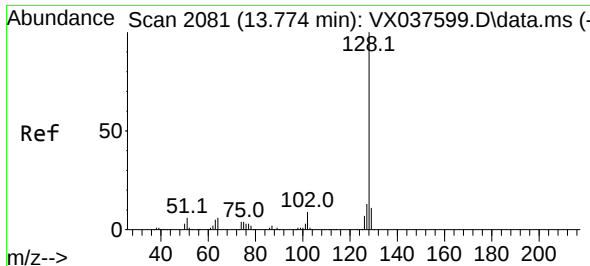
Delta R.T. -0.000 min

Lab File: VX037659.D

Acq: 12 Sep 2023 11:18

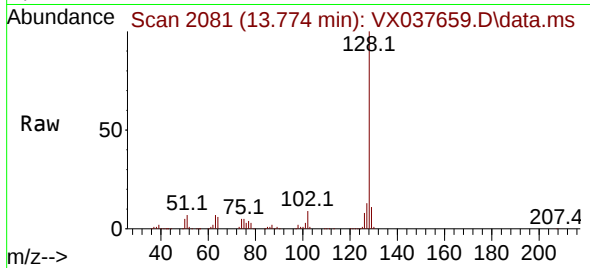
Tgt Ion:225	Resp:	31713
Ion Ratio	Lower	Upper
225	100	
223	64.4	31.1 93.2
227	63.2	32.5 97.5





#95
Naphthalene
Concen: 18.731 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

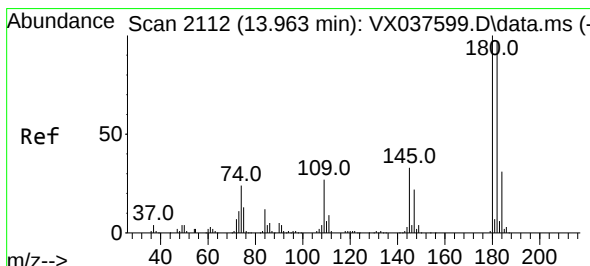
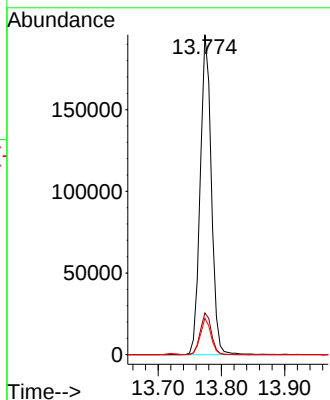
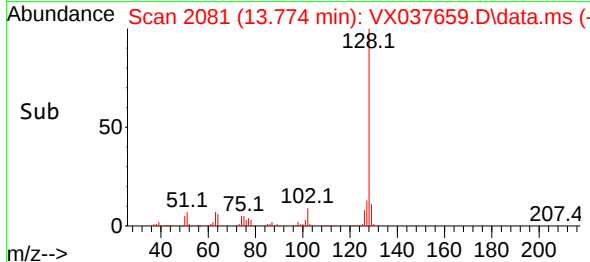
Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01



Tgt Ion:128 Resp: 24061
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.534 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037659.D
Acq: 12 Sep 2023 11:18

Tgt Ion:180 Resp: 71483
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 33.8 17.8 53.5

