

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037822.D
 Acq On : 20 Sep 2023 10:48
 Operator : JC/MD
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 05:52:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	236579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	393834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165712	53.313	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.385	113	141569	53.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	525770	53.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.400%			
62) 4-Bromofluorobenzene	11.079	95	197351	55.467	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	43937	17.620	ug/l	99
3) Chloromethane	1.301	50	48727	17.960	ug/l	98
4) Vinyl Chloride	1.374	62	52839	18.052	ug/l	97
5) Bromomethane	1.605	94	41932	20.011	ug/l	99
6) Chloroethane	1.691	64	36890	18.294	ug/l	98
7) Trichlorofluoromethane	1.892	101	86243	18.327	ug/l	99
8) Diethyl Ether	2.136	74	34650	19.006	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	45218	18.934	ug/l	97
10) Methyl Iodide	2.453	142	56233	17.793	ug/l	93
11) Tert butyl alcohol	2.953	59	53444	80.104	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	42690	18.496	ug/l	87
13) Acrolein	2.233	56	64895	98.457	ug/l	98
14) Allyl chloride	2.666	41	70051	18.223	ug/l	# 96
15) Acrylonitrile	3.063	53	133465	89.972	ug/l	99
16) Acetone	2.380	43	136110	91.027	ug/l	# 88
17) Carbon Disulfide	2.514	76	101699	17.575	ug/l	99
18) Methyl Acetate	2.703	43	97587	18.092	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	162041	19.085	ug/l	98
20) Methylene Chloride	2.788	84	55586	20.092	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	49700	19.392	ug/l	91
22) Diisopropyl ether	3.758	45	154732	19.324	ug/l	92
23) Vinyl Acetate	3.721	43	564174	95.790	ug/l	95
24) 1,1-Dichloroethane	3.611	63	91611	19.093	ug/l	98
25) 2-Butanone	4.556	43	183425	86.928	ug/l	92
26) 2,2-Dichloropropane	4.477	77	72587	18.722	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	61461	19.561	ug/l	89
28) Bromochloromethane	4.898	49	44847	20.035	ug/l	# 81
29) Tetrahydrofuran	5.007	42	113877	86.763	ug/l	89
30) Chloroform	5.099	83	100508	19.445	ug/l	98
31) Cyclohexane	5.471	56	70731	17.729	ug/l	# 94
32) 1,1,1-Trichloroethane	5.385	97	83516	19.082	ug/l	97
36) 1,1-Dichloropropene	5.696	75	68576	18.891	ug/l	95
37) Ethyl Acetate	4.715	43	70663	17.707	ug/l	96
38) Carbon Tetrachloride	5.678	117	71794	18.902	ug/l	92
39) Methylcyclohexane	7.379	83	82704	17.951	ug/l	92
40) Benzene	6.044	78	212091	18.999	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37701	18.528	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	78314	19.410	ug/l	98
43) Isopropyl Acetate	6.342	43	115735	18.137	ug/l #	96
44) Trichloroethene	7.129	130	57958	18.644	ug/l	90
45) 1,2-Dichloropropane	7.434	63	54204	18.698	ug/l	99
46) Dibromomethane	7.580	93	41607	19.952	ug/l	94
47) Bromodichloromethane	7.824	83	74303	19.347	ug/l	95
48) Methyl methacrylate	7.696	41	56246	18.438	ug/l #	88
49) 1,4-Dioxane	7.659	88	28372	354.770	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	370513	91.516	ug/l	96
52) Toluene	8.720	92	138321	19.227	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	77872	19.391	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87048	19.586	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	58607	19.322	ug/l	94
56) Ethyl methacrylate	9.116	69	85096	18.792	ug/l	91
57) 1,3-Dichloropropane	9.311	76	96045	19.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	196671	93.013	ug/l	98
59) 2-Hexanone	9.427	43	282884	89.740	ug/l	93
60) Dibromochloromethane	9.519	129	58740	19.440	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62930	19.595	ug/l	98
64) Tetrachloroethene	9.275	164	48829	18.778	ug/l	98
65) Chlorobenzene	10.080	112	152816	18.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56315	19.322	ug/l	100
67) Ethyl Benzene	10.195	91	268887	18.857	ug/l	98
68) m/p-Xylenes	10.299	106	213136	38.682	ug/l	96
69) o-Xylene	10.640	106	103085	18.657	ug/l	98
70) Styrene	10.659	104	171705	19.357	ug/l	96
71) Bromoform	10.799	173	41892	18.195	ug/l #	99
73) Isopropylbenzene	10.964	105	271866	17.775	ug/l	99
74) N-amyl acetate	10.842	43	103888	16.771	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	93694	17.418	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82466m	17.102	ug/l	
77) Bromobenzene	11.195	156	68452	18.082	ug/l	89
78) n-propylbenzene	11.305	91	318673	18.449	ug/l	99
79) 2-Chlorotoluene	11.366	91	188550	17.703	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	233110	18.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23392	15.540	ug/l	94
82) 4-Chlorotoluene	11.457	91	220920	18.424	ug/l	95
83) tert-Butylbenzene	11.713	119	234862	17.991	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	235648	18.336	ug/l	98
85) sec-Butylbenzene	11.890	105	289902	18.305	ug/l	99
86) p-Isopropyltoluene	12.006	119	248177	18.808	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	130909	18.551	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	134704	18.654	ug/l	99
89) n-Butylbenzene	12.329	91	223793	19.360	ug/l	97
90) Hexachloroethane	12.536	117	39013	17.450	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	132841	18.437	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18320	17.085	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	86025	20.269	ug/l	98
94) Hexachlorobutadiene	13.725	225	37683	19.013	ug/l	98
95) Naphthalene	13.774	128	269787	18.796	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85133	19.492	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

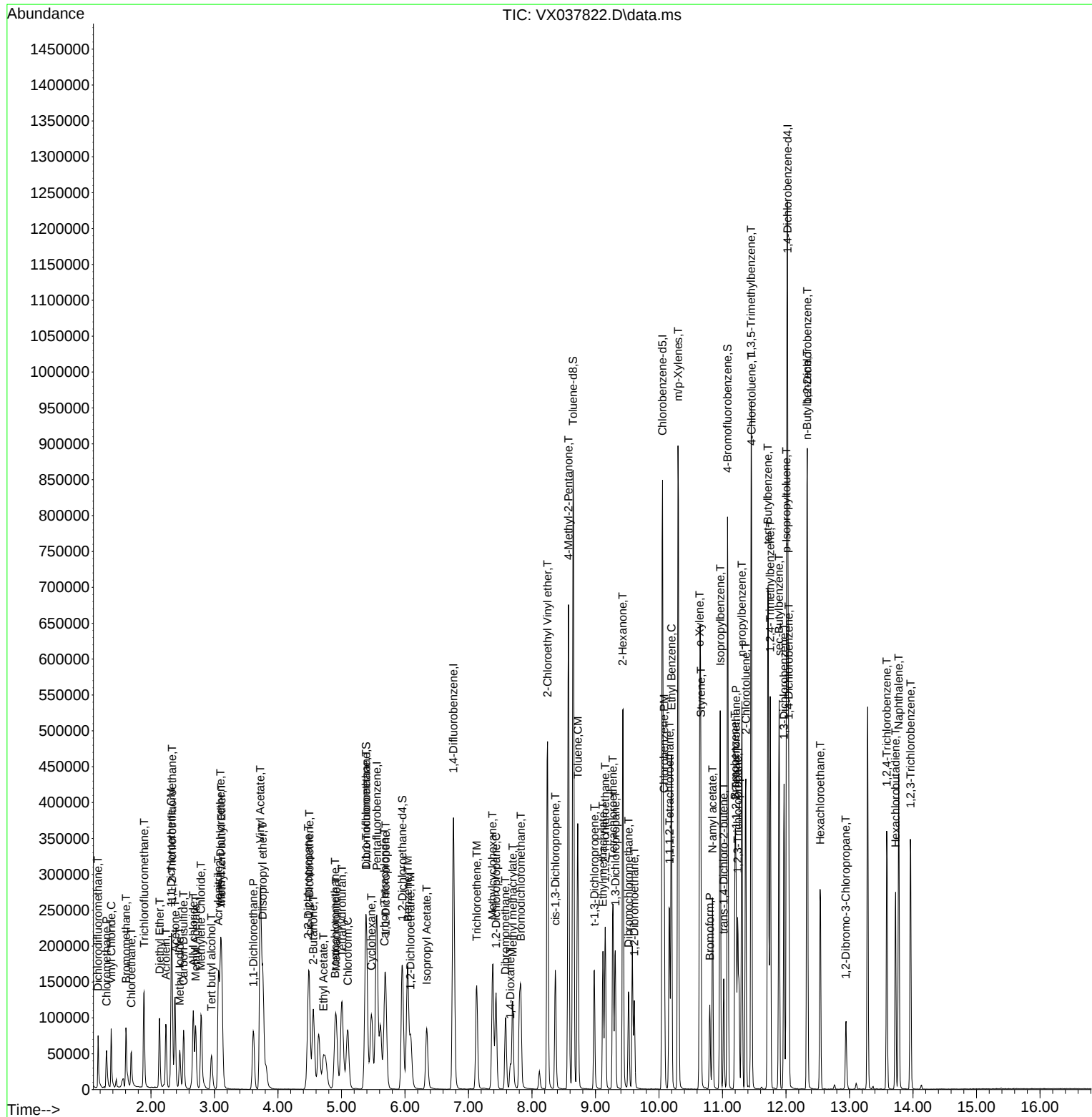
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ALS Vial : 5 Sample Multiplier: 1

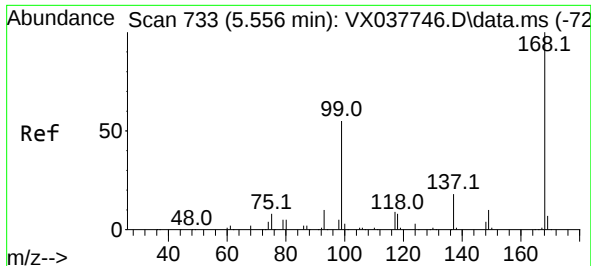
Instrument :
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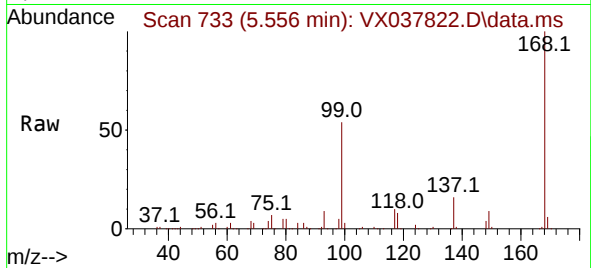
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037822.D
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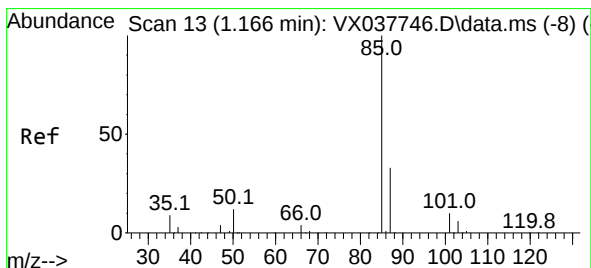
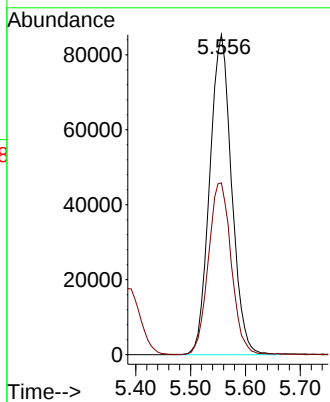
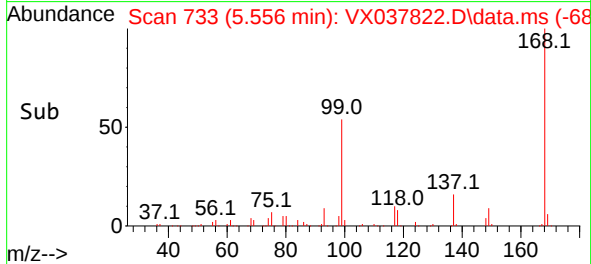
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion:168 Resp: 236579
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0

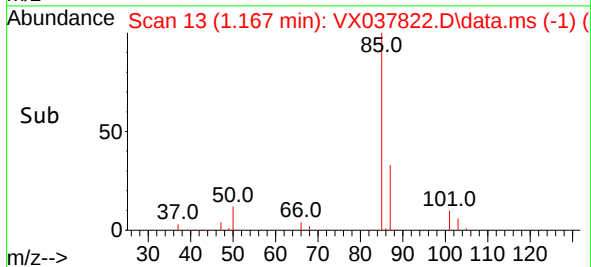
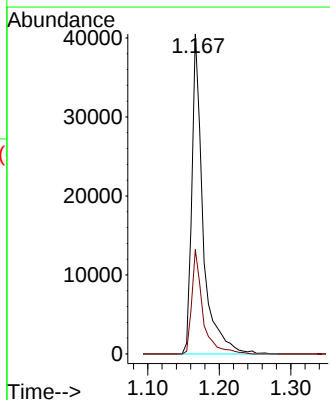
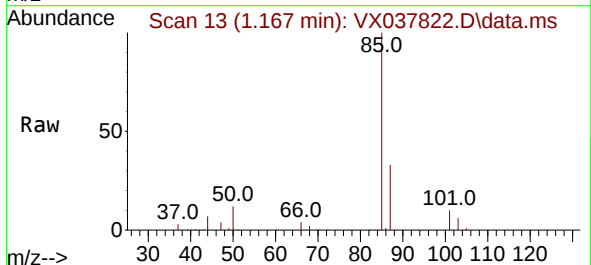
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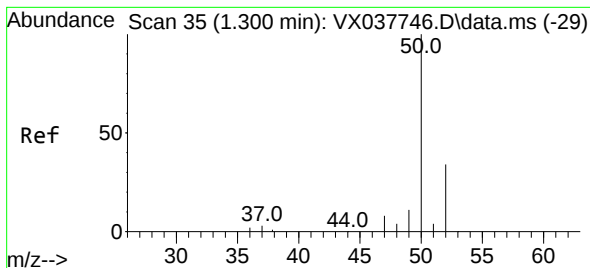
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#2
Dichlorodifluoromethane
Concen: 17.620 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 85 Resp: 43937
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3

Chloromethane

Concen: 17.960 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 50 Resp: 4872

Ion Ratio Lower Upper

50 100

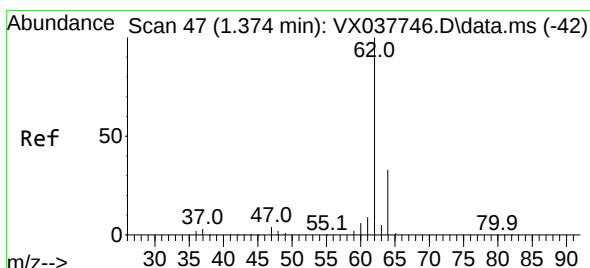
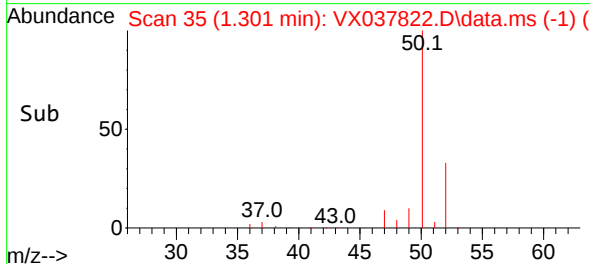
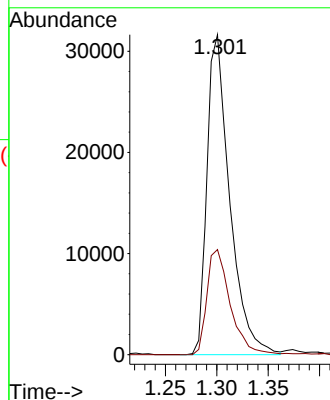
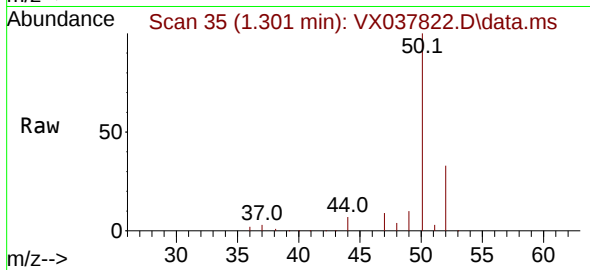
52 32.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.052 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037822.D

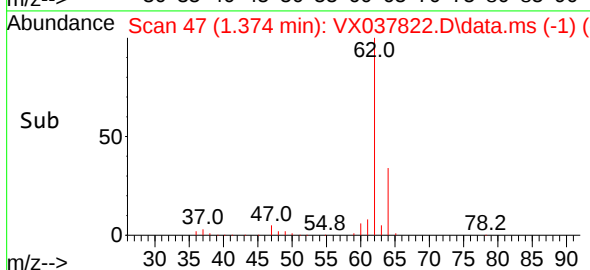
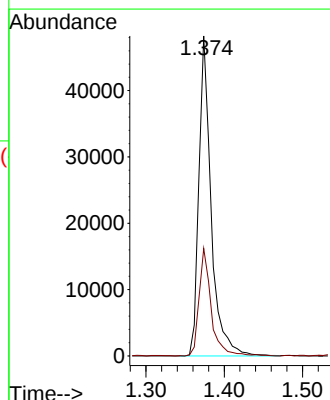
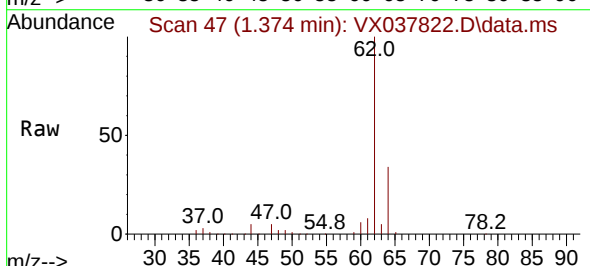
Acq: 20 Sep 2023 10:48

Tgt Ion: 62 Resp: 52839

Ion Ratio Lower Upper

62 100

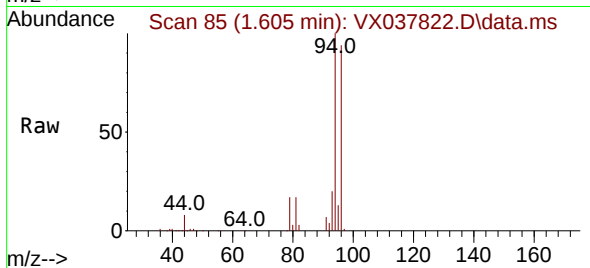
64 33.6 25.4 38.0





#5
Bromomethane
Concen: 20.011 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

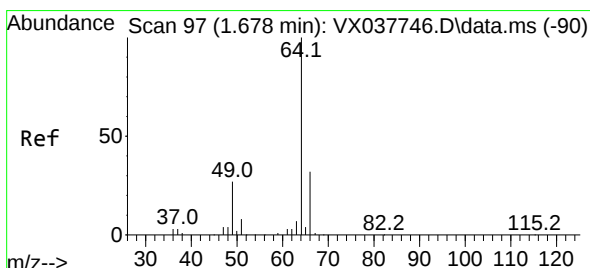
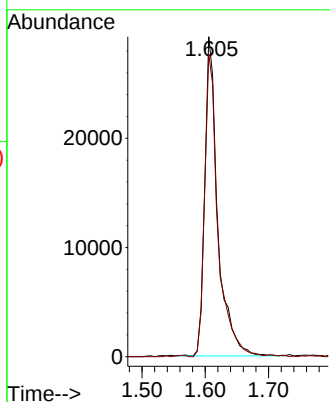
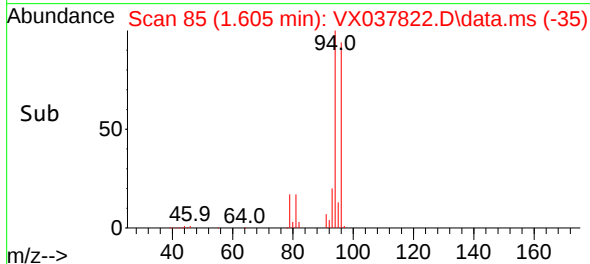
Instrument :
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Tgt Ion: 94 Resp: 41932
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8

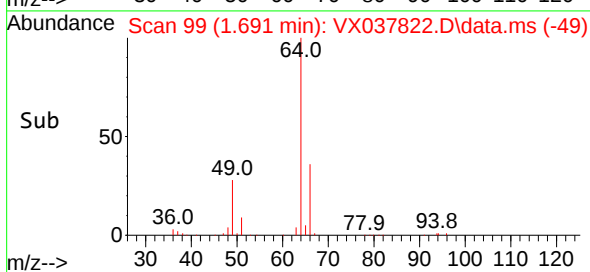
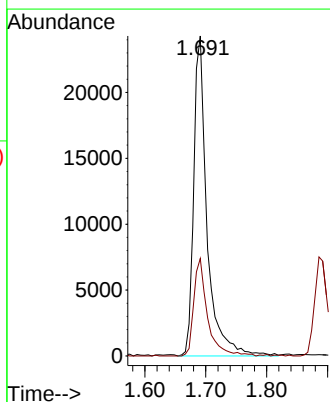
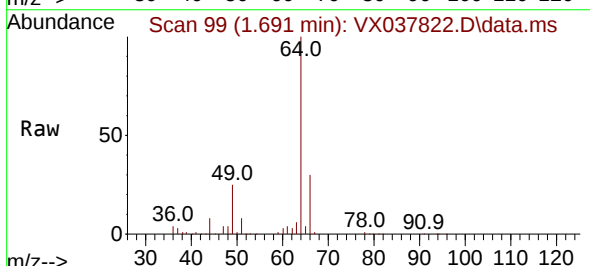
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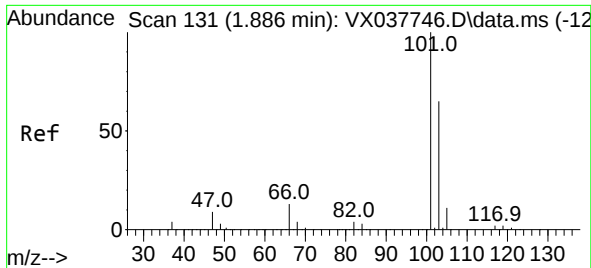
Reviewed By :John Carlone 09/21/2023
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#6
Chloroethane
Concen: 18.294 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 64 Resp: 36890
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7





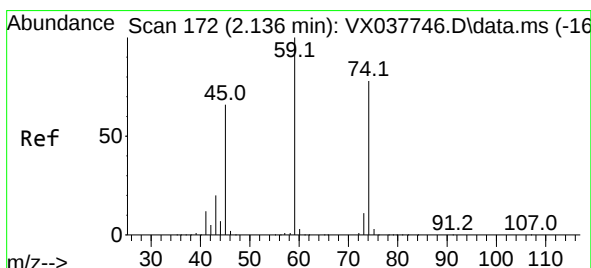
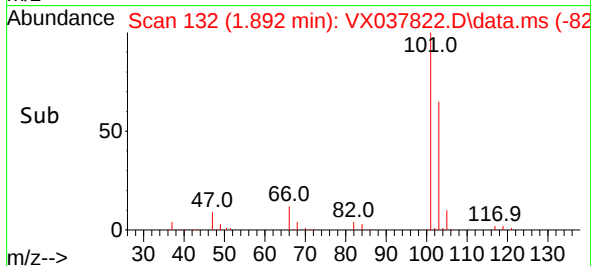
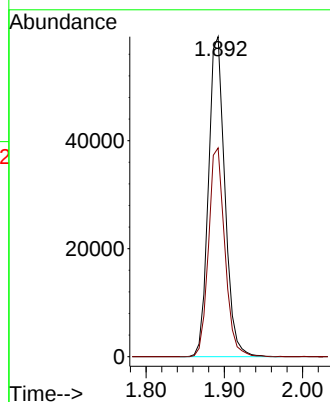
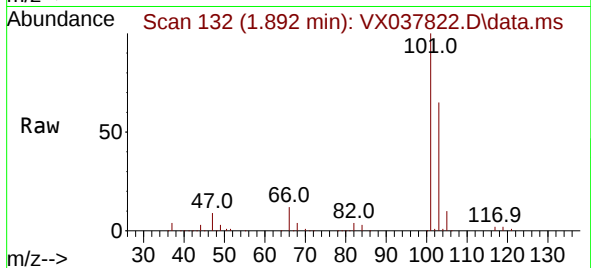
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Trichlorofluoromethane
Concen: 18.327 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 8624
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

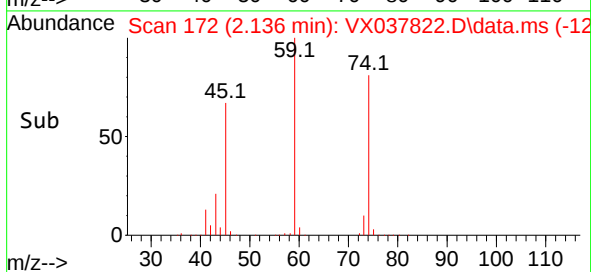
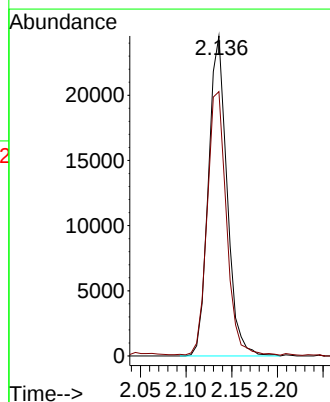
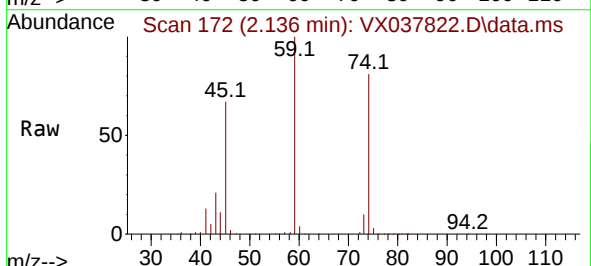
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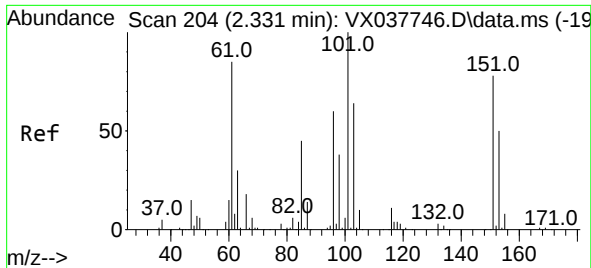
Reviewed By :John Carlone 09/21/2023
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#8
Diethyl Ether
Concen: 19.006 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 74 Resp: 34650
Ion Ratio Lower Upper
74 100
45 85.1 53.3 159.8





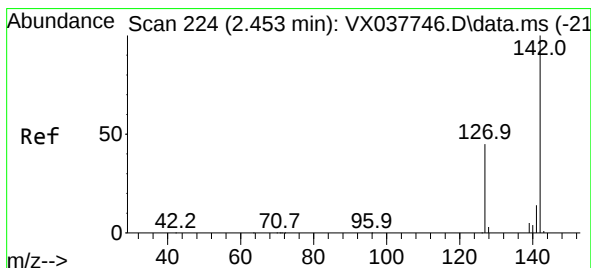
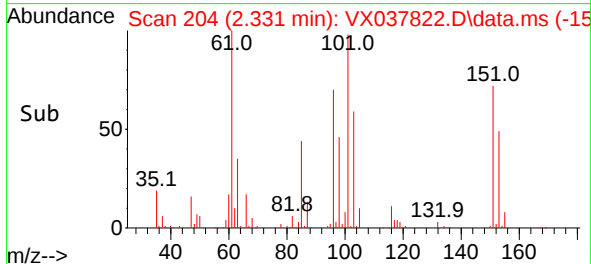
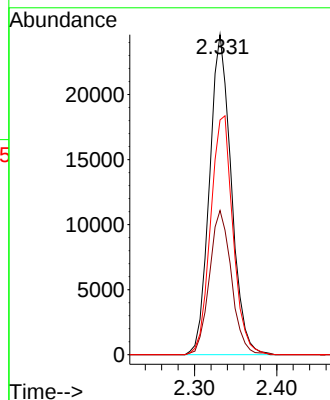
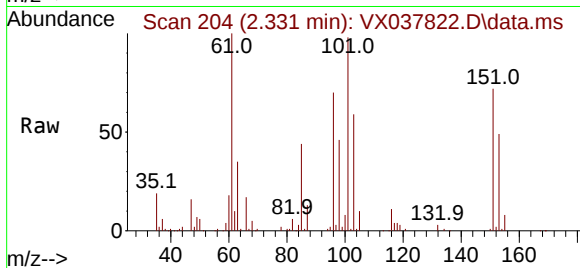
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.934 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion:101 Resp: 45218
Ion Ratio Lower Upper
101 100
85 45.4 37.0 55.6
151 76.8 58.6 87.8

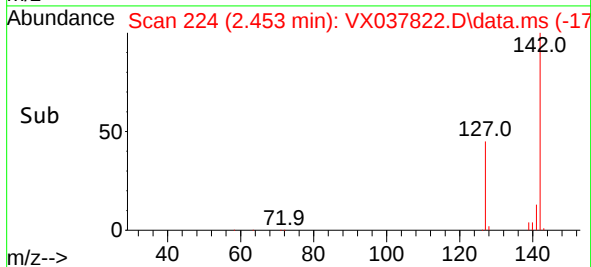
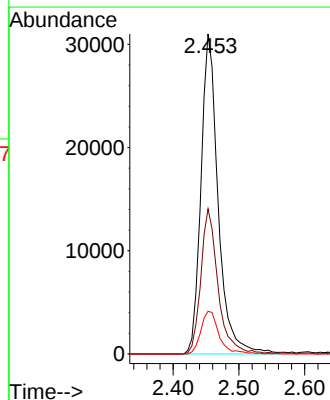
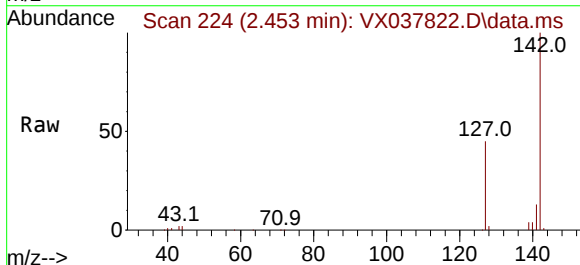
Manual Integrations
APPROVED

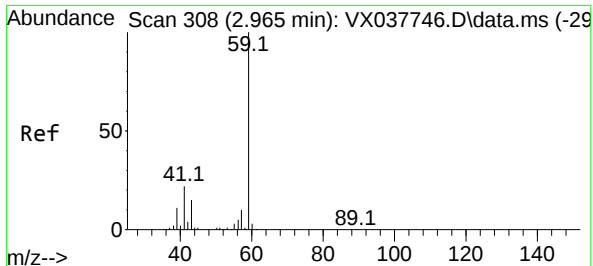
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 17.793 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion:142 Resp: 56233
Ion Ratio Lower Upper
142 100
127 45.5 41.6 62.4
141 14.1 11.6 17.4





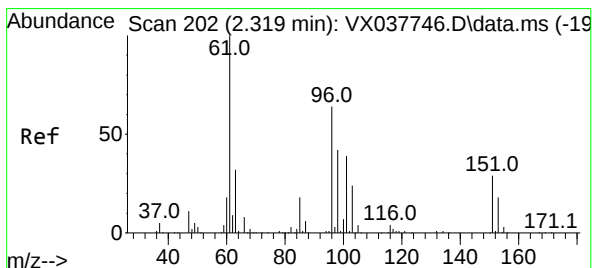
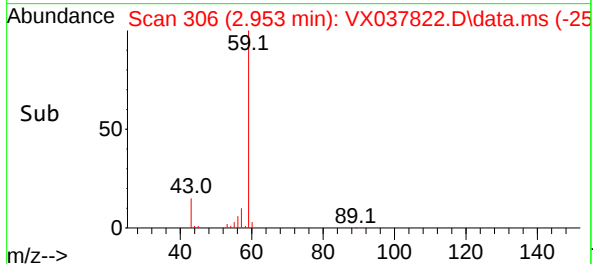
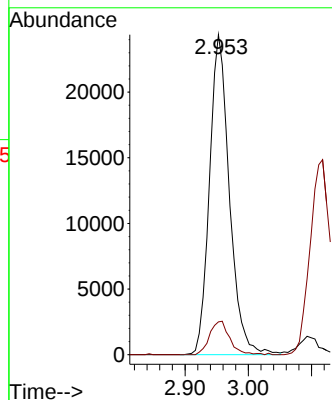
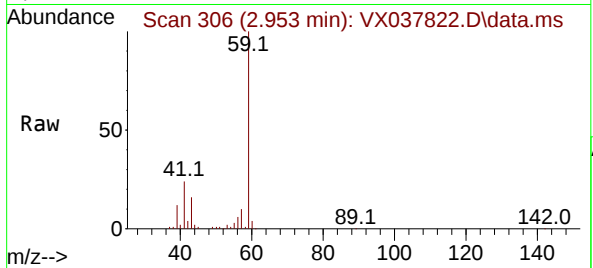
#11
Tert butyl alcohol
Concen: 80.104 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 59 Resp: 5344
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

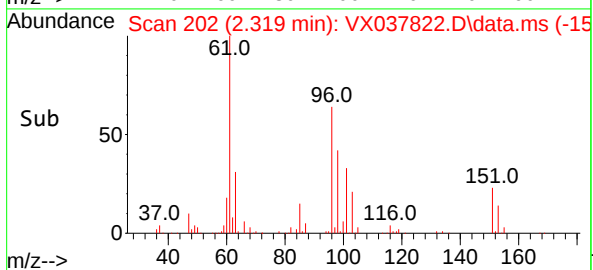
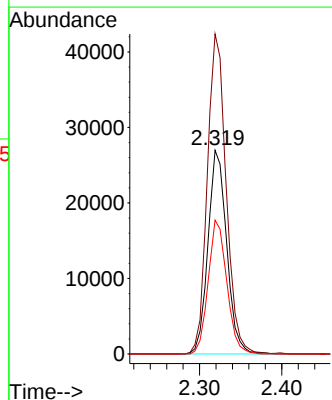
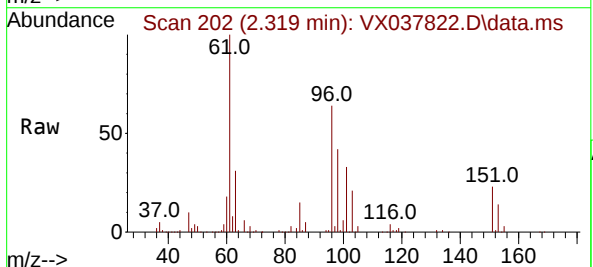
Manual Integrations
APPROVED

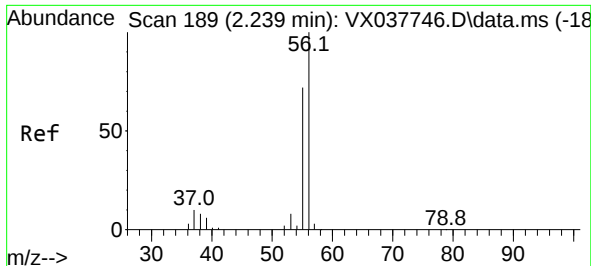
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#12
1,1-Dichloroethene
Concen: 18.496 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 96 Resp: 42690
Ion Ratio Lower Upper
96 100
61 157.2 144.6 216.8
98 65.7 50.4 75.6





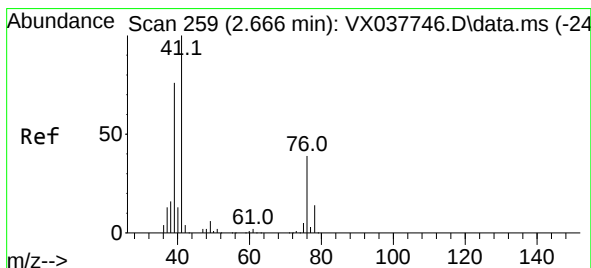
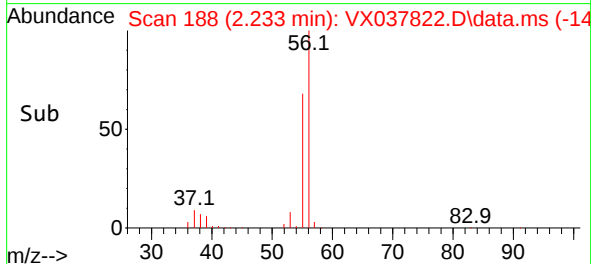
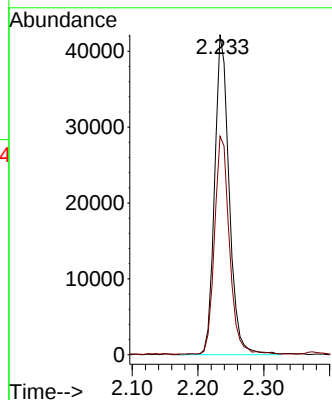
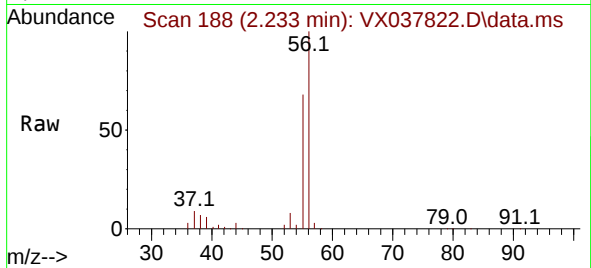
#13
Acrolein
Concen: 98.457 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 56 Resp: 6489
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

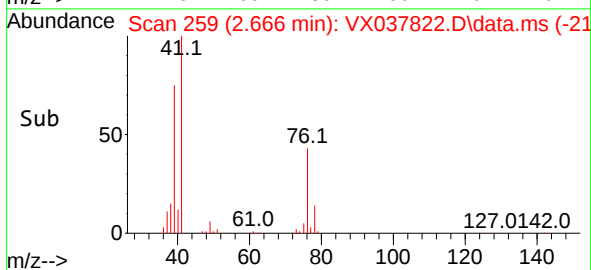
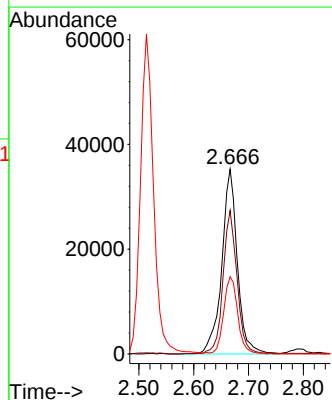
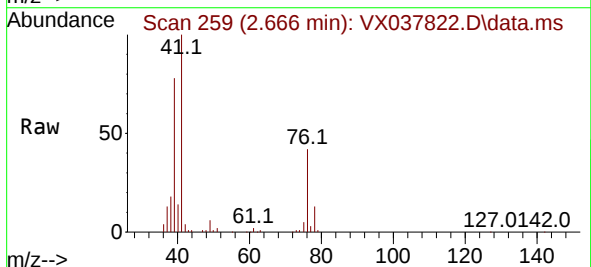
Manual Integrations
APPROVED

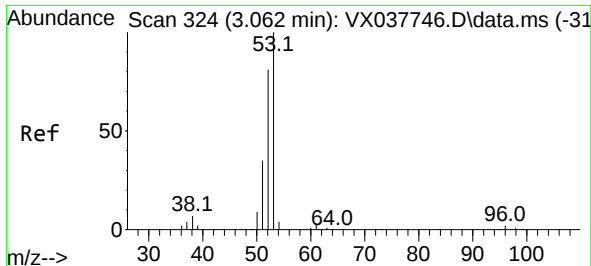
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#14
Allyl chloride
Concen: 18.223 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

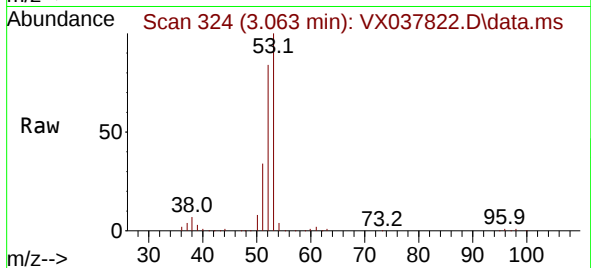
Tgt Ion: 41 Resp: 70051
Ion Ratio Lower Upper
41 100
39 70.1 55.8 83.6
76 37.7 24.3 36.5





#15
Acrylonitrile
Concen: 89.972 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

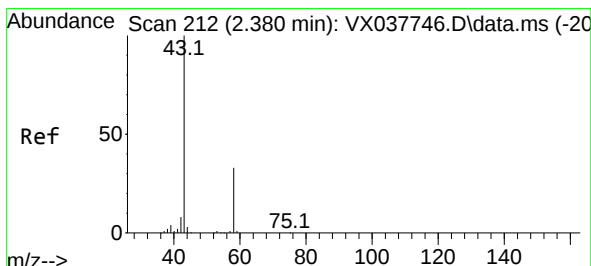
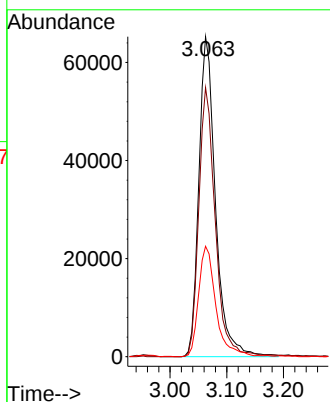
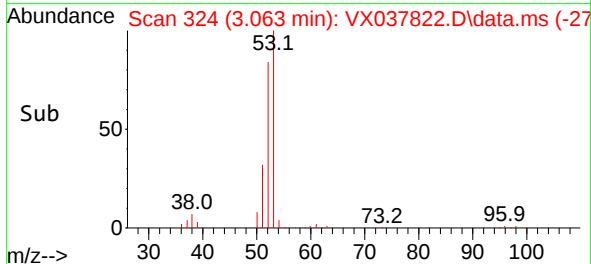
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 53 Resp: 13346
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.8 29.8 44.6

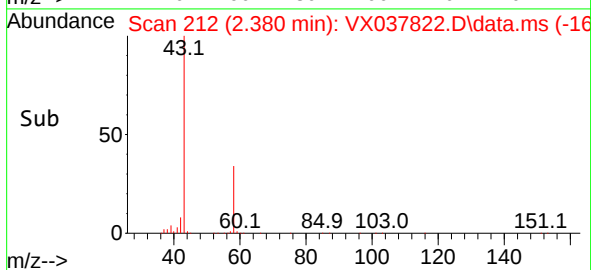
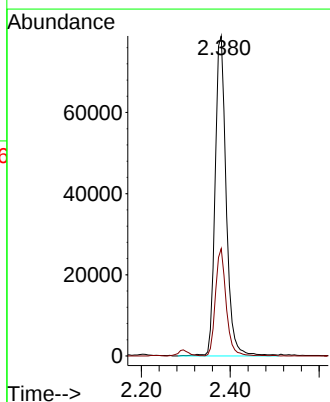
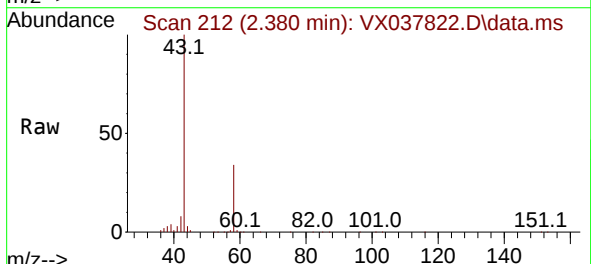
Manual Integrations
APPROVED

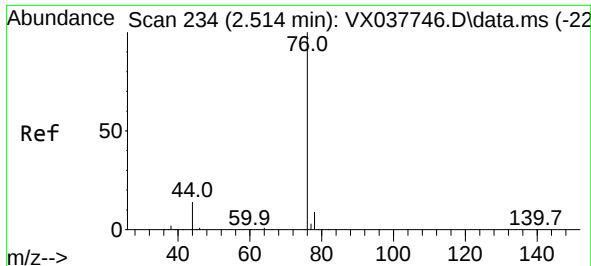
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#16
Acetone
Concen: 91.027 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

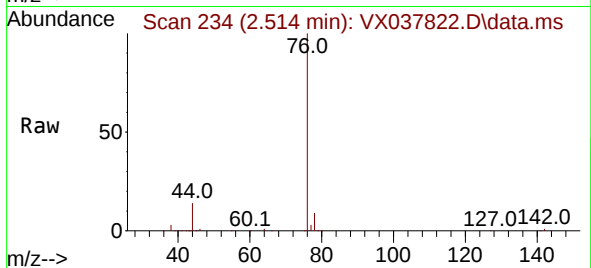
Tgt Ion: 43 Resp: 136110
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#





#17
Carbon Disulfide
Concen: 17.575 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

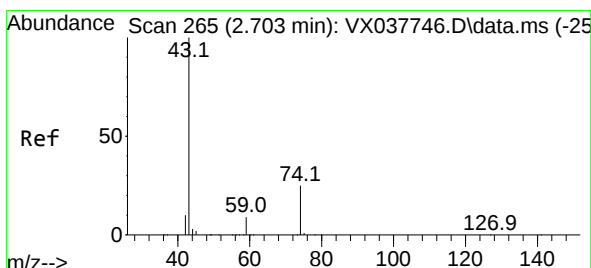
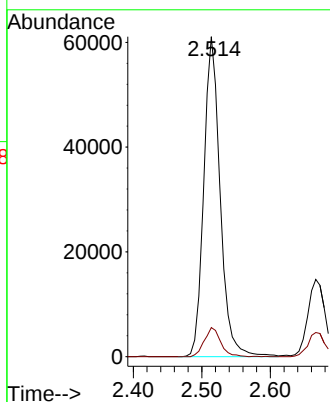
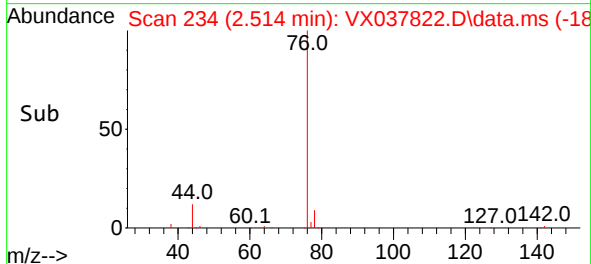
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 76 Resp: 101699
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

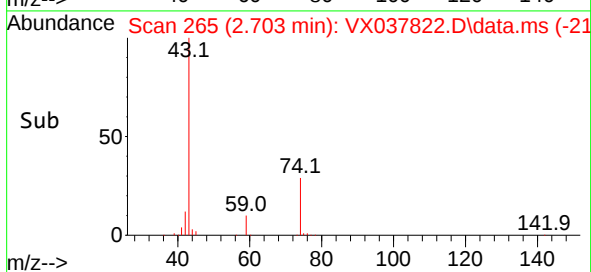
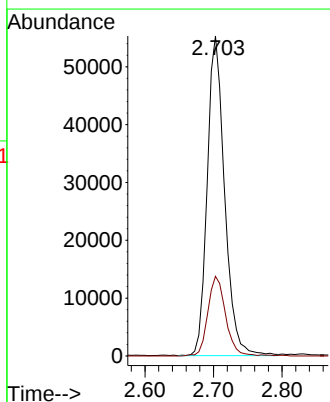
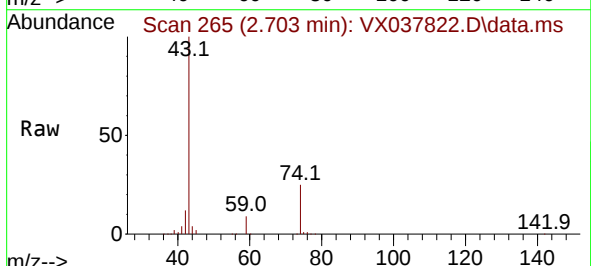
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#18
Methyl Acetate
Concen: 18.092 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 43 Resp: 97587
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.8





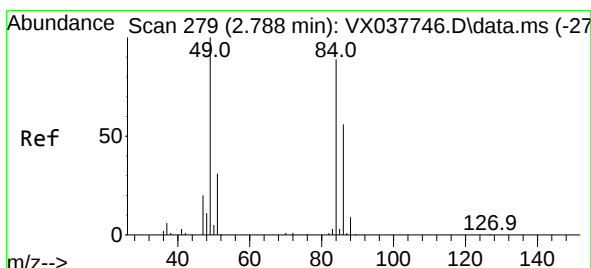
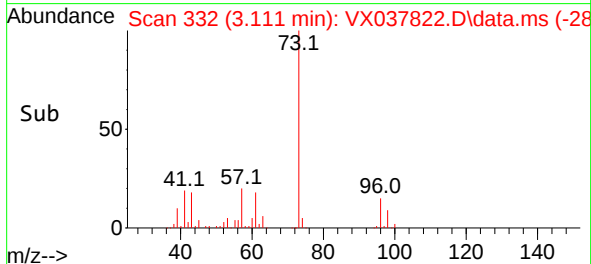
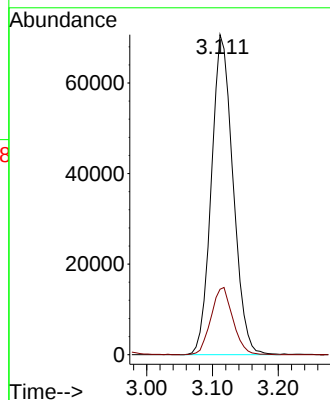
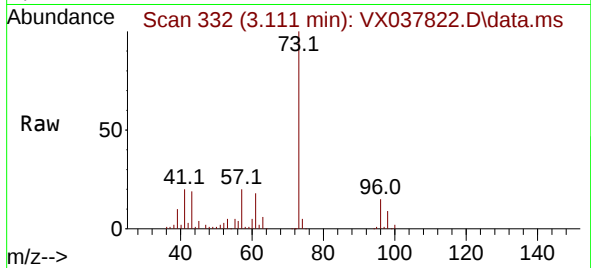
#19
Methyl tert-butyl Ether
Concen: 19.085 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 73 Resp: 16204
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

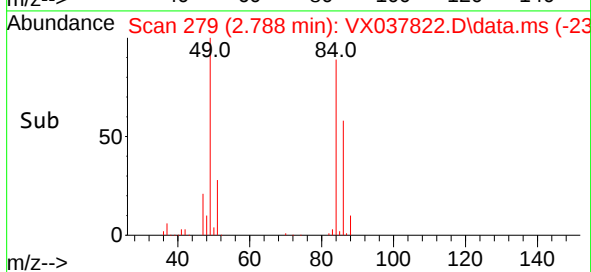
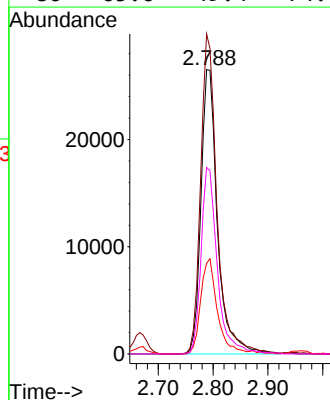
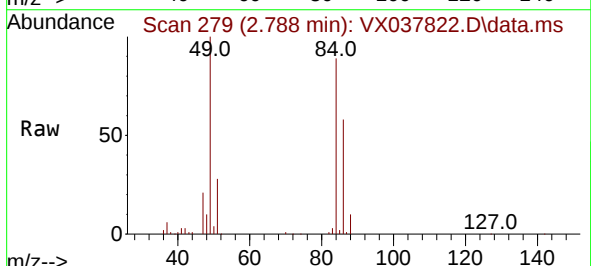
Manual Integrations
APPROVED

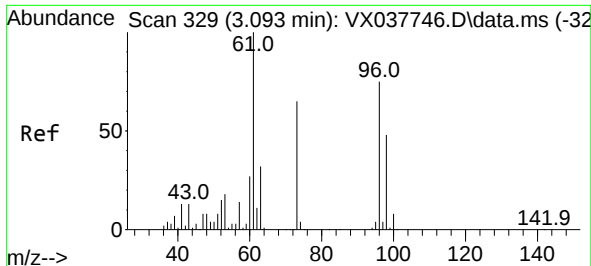
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 20.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

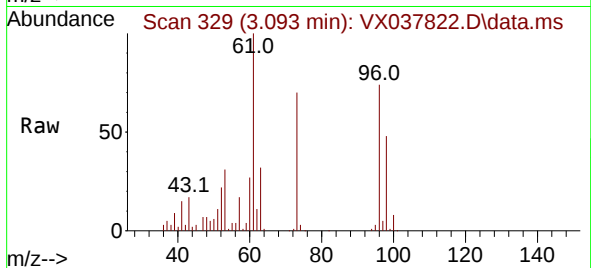
Tgt Ion: 84 Resp: 55586
Ion Ratio Lower Upper
84 100
49 112.6 103.6 155.4
51 31.9 33.8 50.6#
86 65.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.392 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

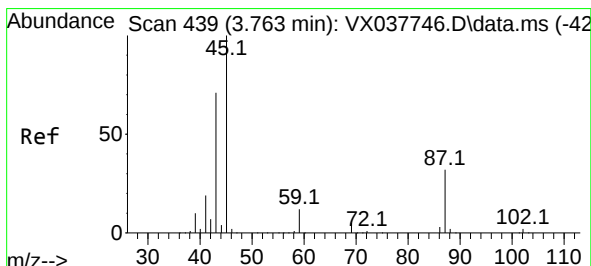
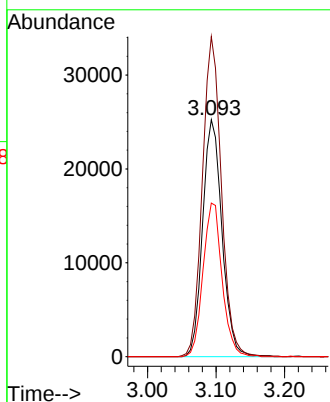
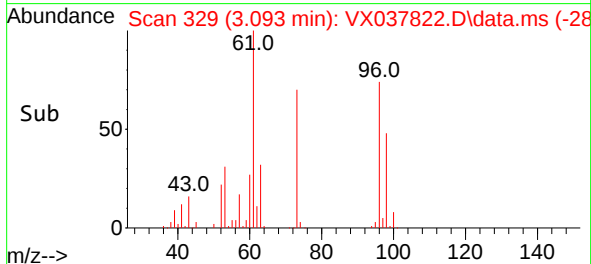
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



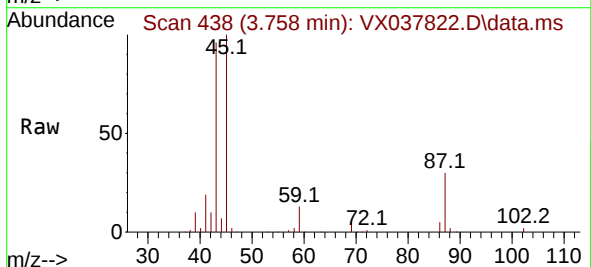
Tgt Ion: 96 Resp: 49700
Ion Ratio Lower Upper
96 100
61 135.0 119.2 178.8
98 64.8 48.7 73.1

Manual Integrations
APPROVED

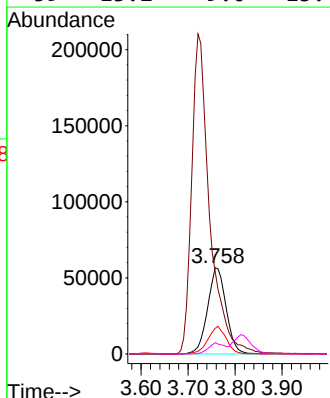
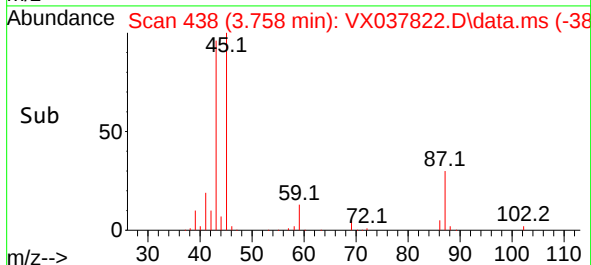
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

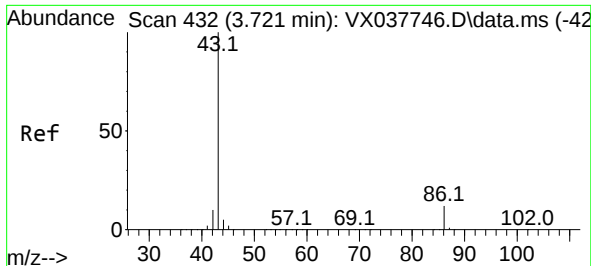


#22
Diisopropyl ether
Concen: 19.324 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



Tgt Ion: 45 Resp: 154732
Ion Ratio Lower Upper
45 100
43 95.2 69.7 104.5
87 29.6 20.8 31.2
59 13.2 9.0 13.4





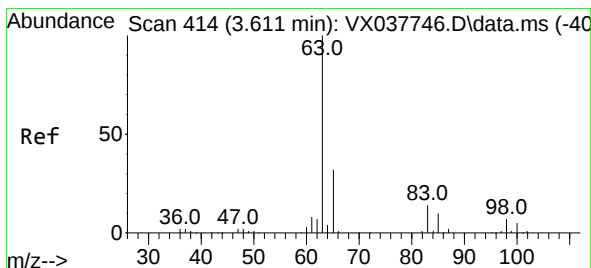
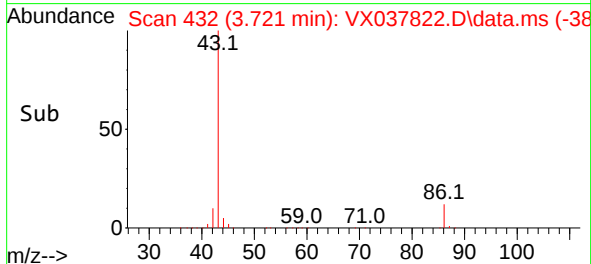
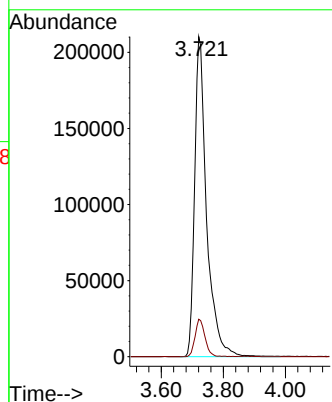
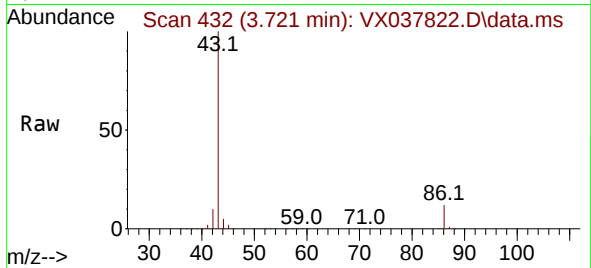
#23
 Vinyl Acetate
 Concen: 95.790 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037822.D
 Acq: 20 Sep 2023 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Tgt Ion: 43 Resp: 564174
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

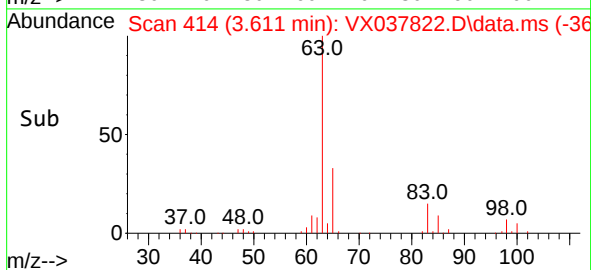
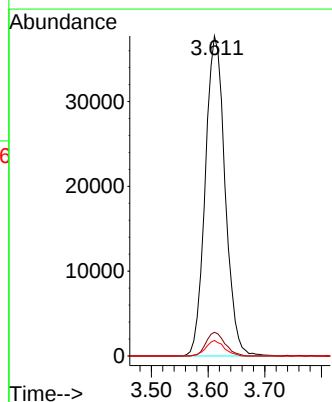
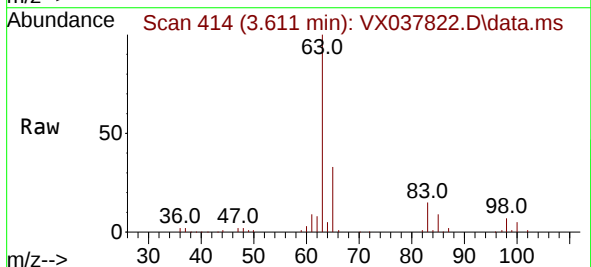
Manual Integrations
 APPROVED

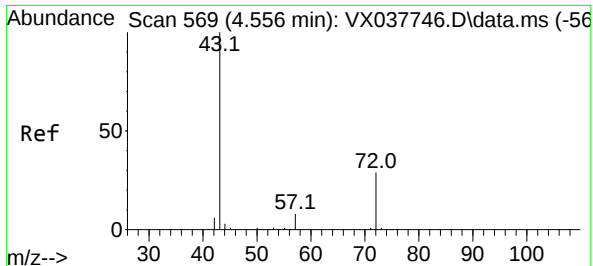
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#24
 1,1-Dichloroethane
 Concen: 19.093 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX037822.D
 Acq: 20 Sep 2023 10:48

Tgt Ion: 63 Resp: 91611
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 86.928 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 43 Resp: 18342

Ion Ratio Lower Upper

43 100

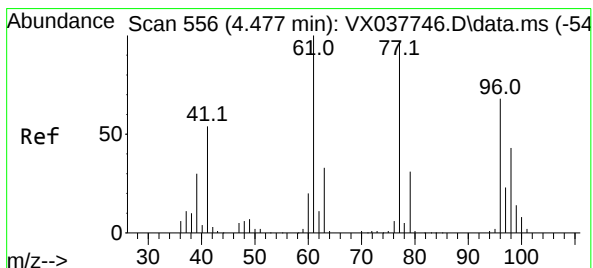
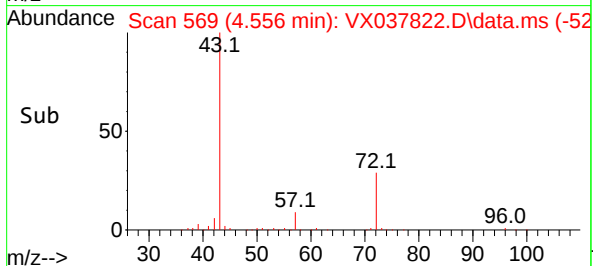
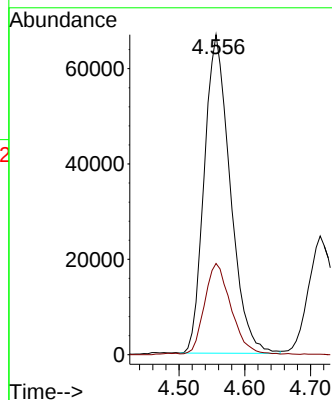
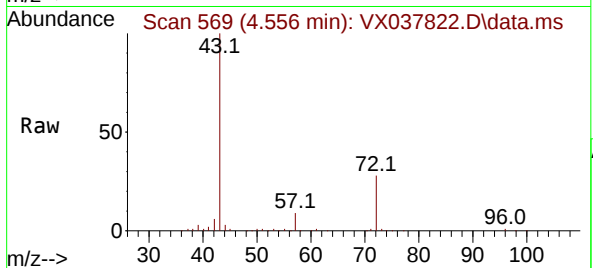
72 28.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#26

2,2-Dichloropropane

Concen: 18.722 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037822.D

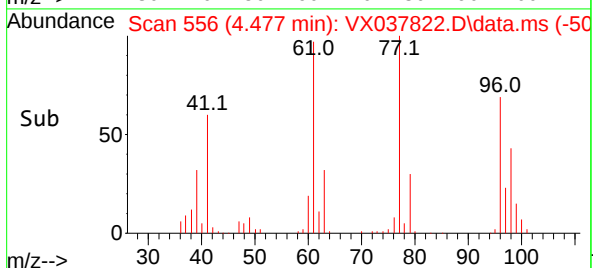
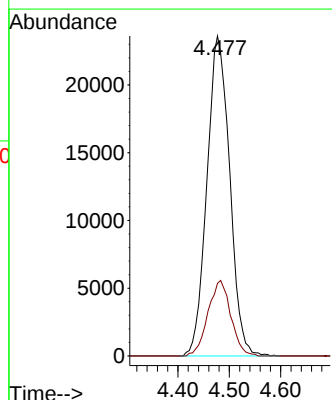
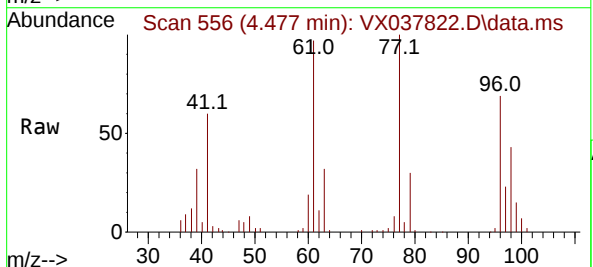
Acq: 20 Sep 2023 10:48

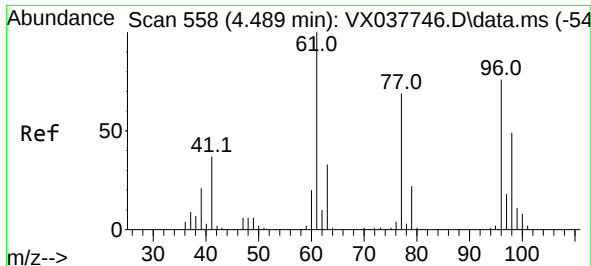
Tgt Ion: 77 Resp: 72587

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.561 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 96 Resp: 6146

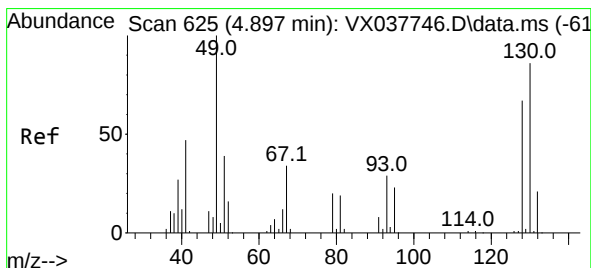
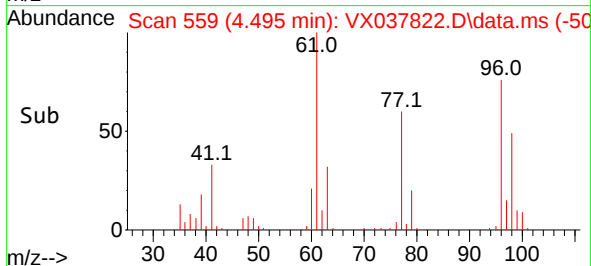
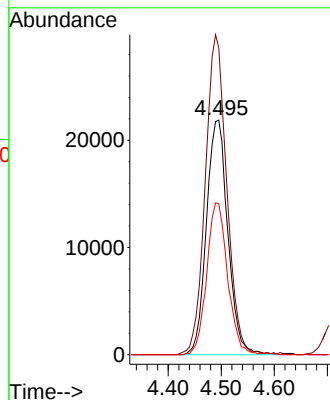
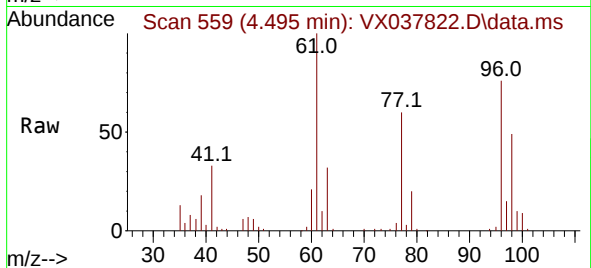
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	312.2
98	63.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

Bromochloromethane

Concen: 20.035 ug/l

RT: 4.898 min Scan# 625

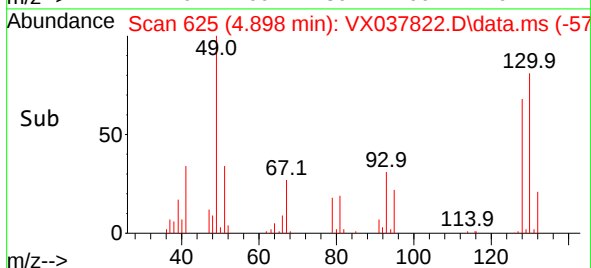
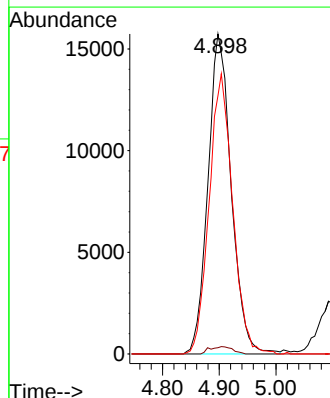
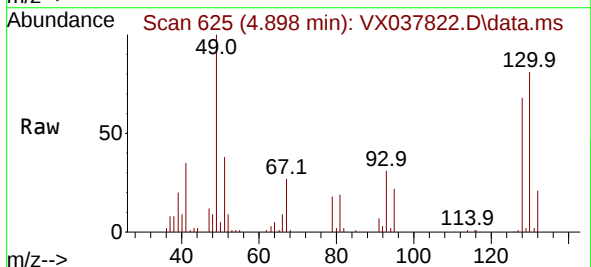
Delta R.T. -0.006 min

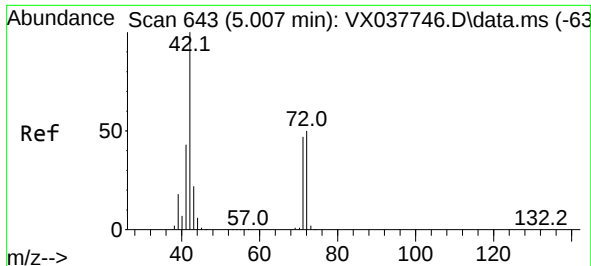
Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Tgt Ion: 49 Resp: 44847

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	88.3	57.5	86.3#





#29

Tetrahydrofuran

Concen: 86.763 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037822.D

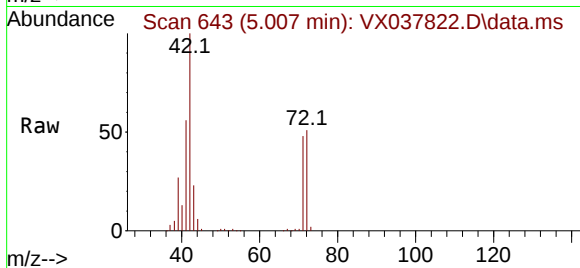
Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01



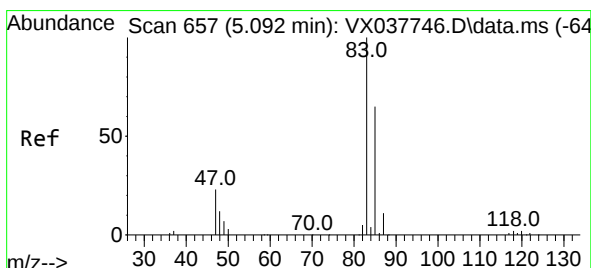
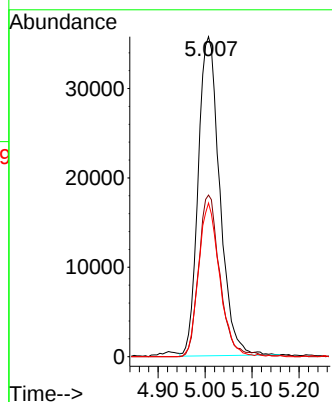
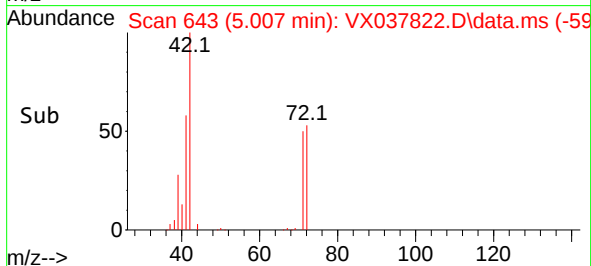
Tgt Ion:	42	Resp:	11387
Ion	Ratio	Lower	Upper
42	100		
72	50.1	34.2	51.4
71	47.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 19.445 ug/l

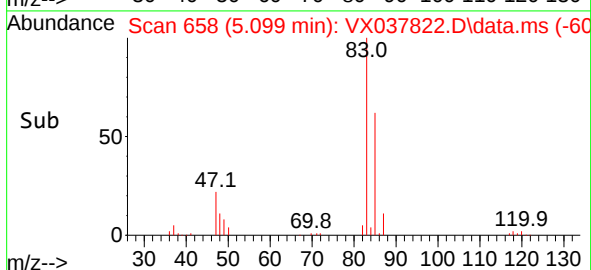
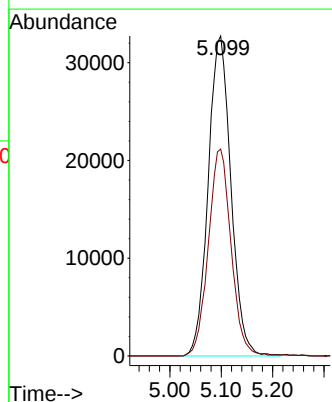
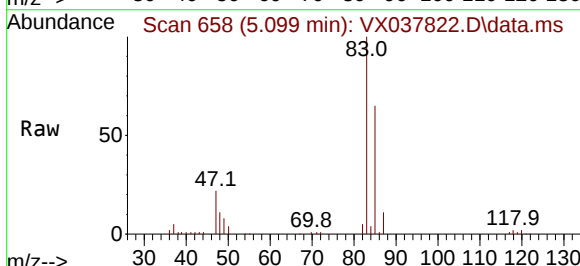
RT: 5.099 min Scan# 658

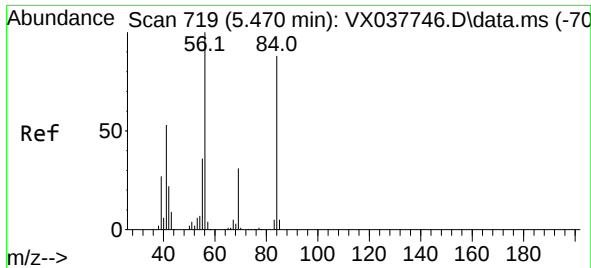
Delta R.T. 0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

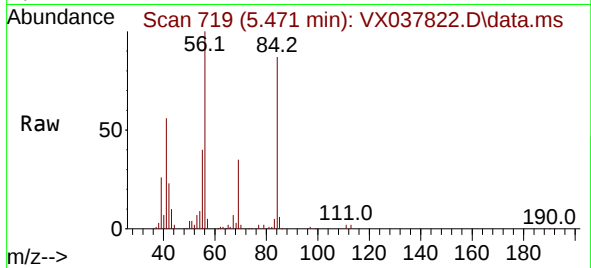
Tgt Ion:	83	Resp:	100508
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5





#31
Cyclohexane
Concen: 17.729 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

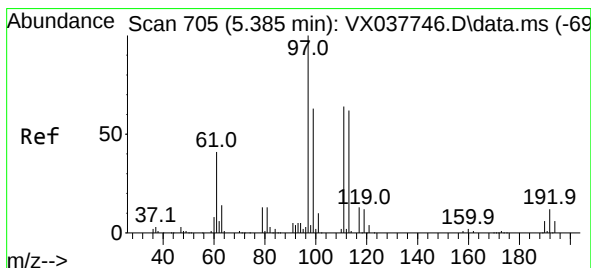
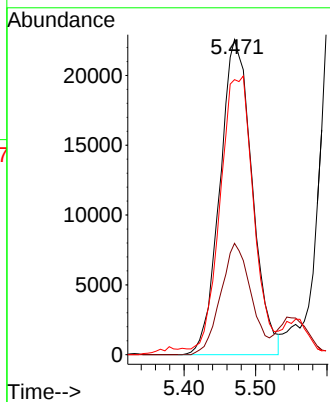
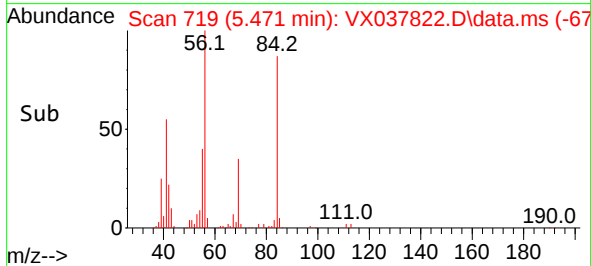
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 56 Resp: 7073
Ion Ratio Lower Upper
56 100
69 35.3 23.4 35.2
84 85.6 65.9 98.9

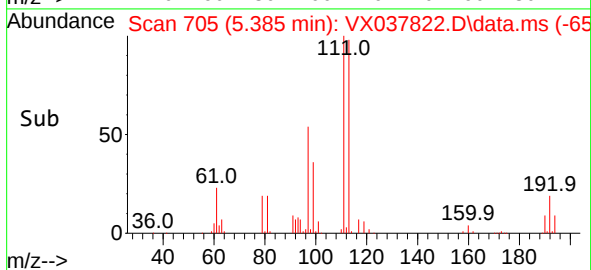
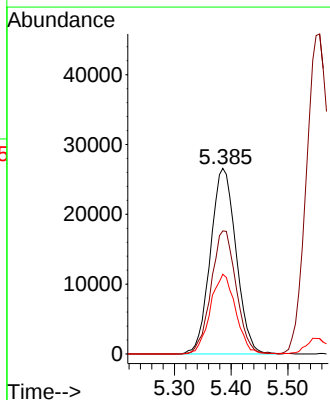
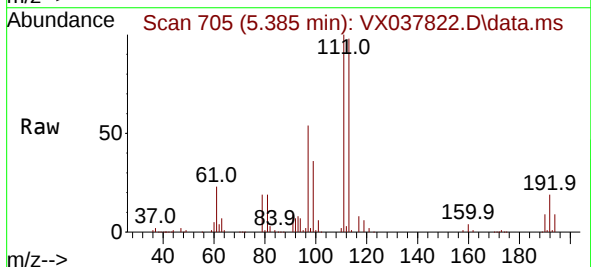
Manual Integrations
APPROVED

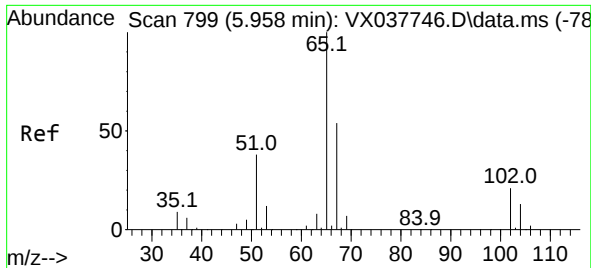
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#32
1,1,1-Trichloroethane
Concen: 19.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 97 Resp: 83516
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.5 36.4 54.6





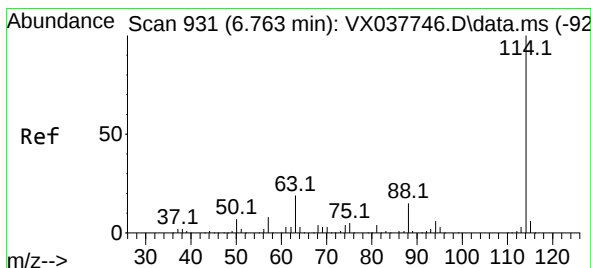
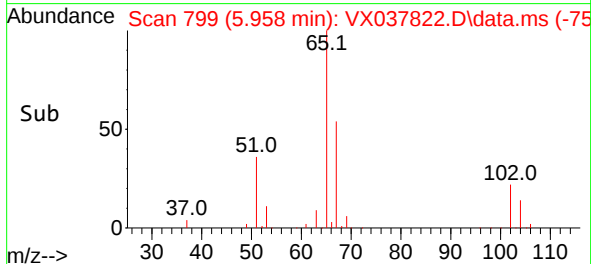
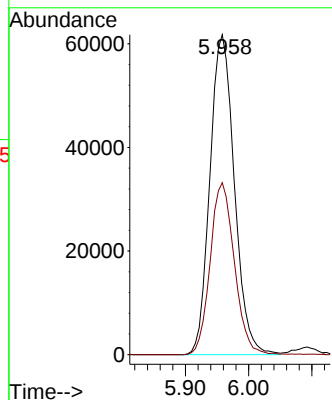
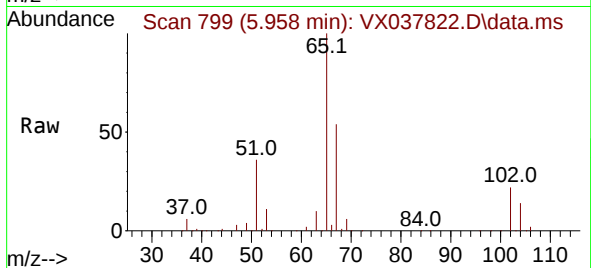
#33
1,2-Dichloroethane-d4
Concen: 53.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 65 Resp: 165712
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

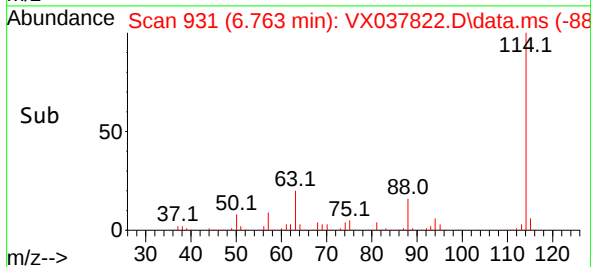
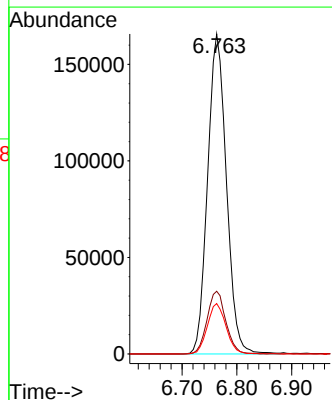
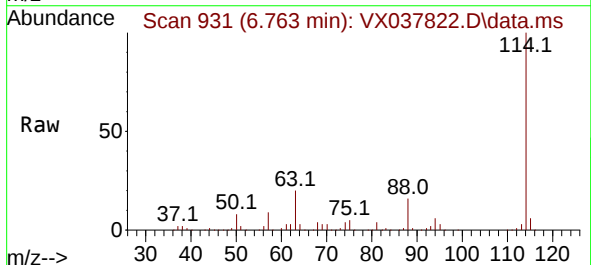
Manual Integrations
APPROVED

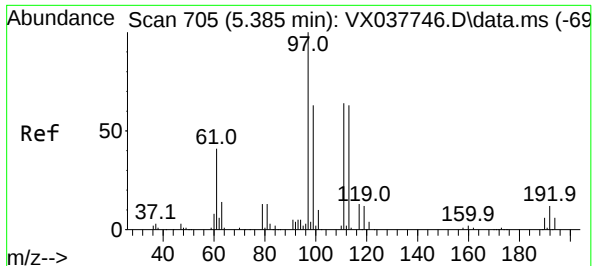
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion:114 Resp: 393834
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.723 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

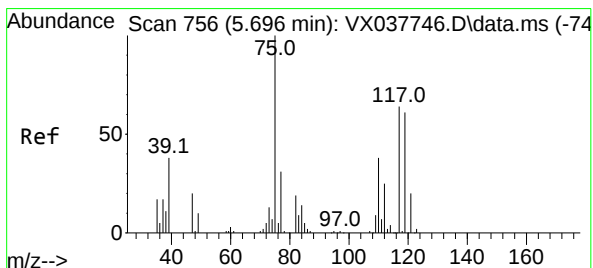
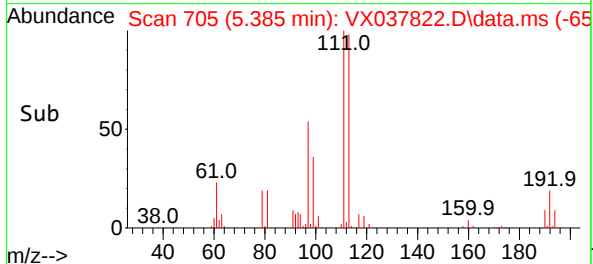
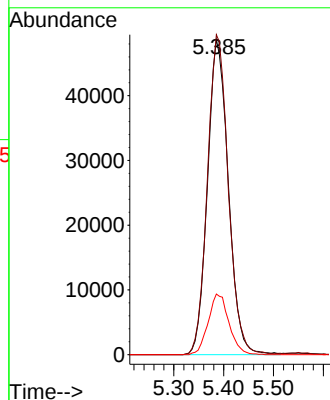
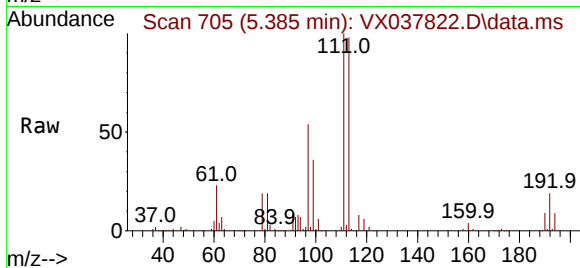
Tgt Ion:	113	Resp:	141569
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	19.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#36

1,1-Dichloropropene

Concen: 18.891 ug/l

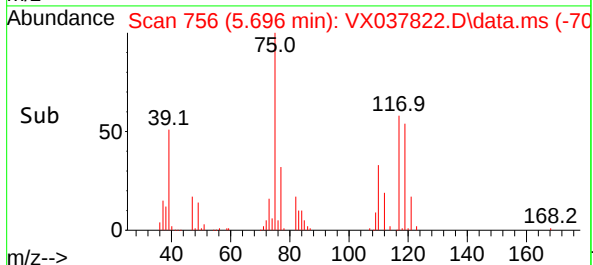
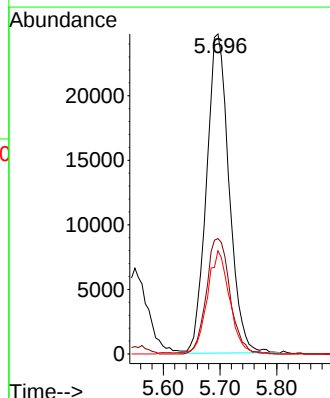
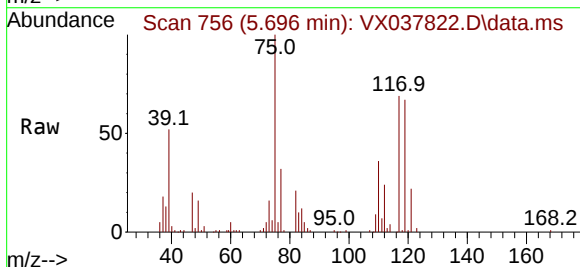
RT: 5.696 min Scan# 756

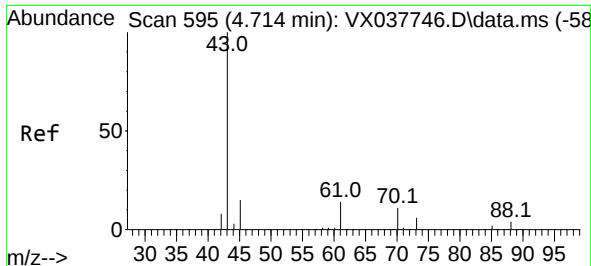
Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

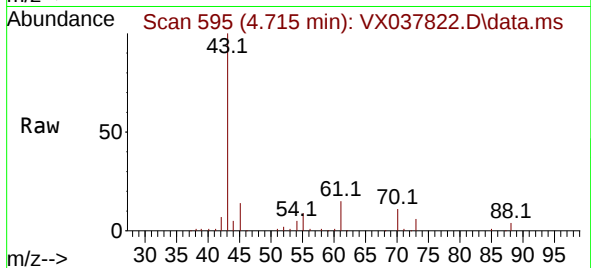
Tgt Ion:	75	Resp:	68576
Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.0	50.9
77	32.2	24.7	37.1





#37
Ethyl Acetate
Concen: 17.707 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

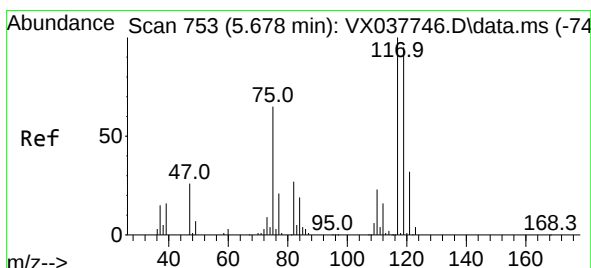
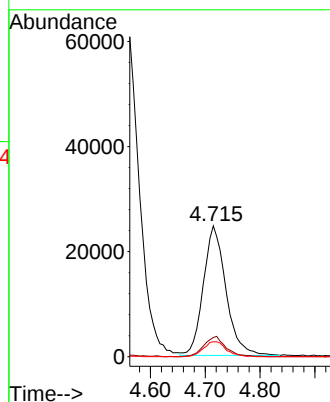
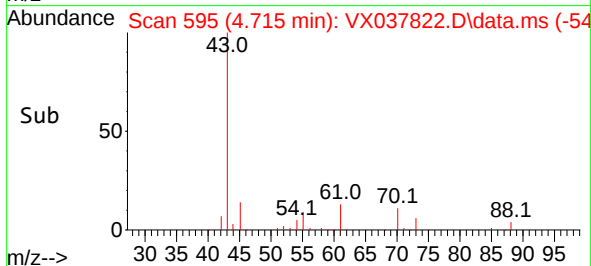
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 11.6 8.3 12.5

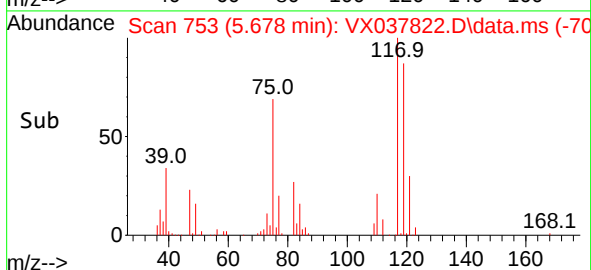
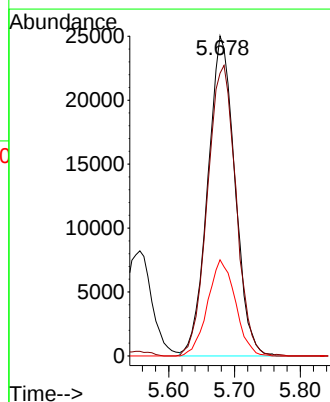
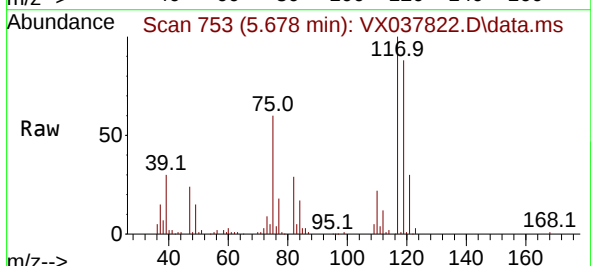
Manual Integrations
APPROVED

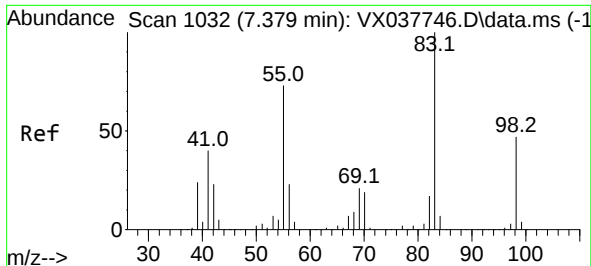
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#38
Carbon Tetrachloride
Concen: 18.902 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion:117 Resp: 71794
Ion Ratio Lower Upper
117 100
119 88.1 78.2 117.2
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 17.951 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

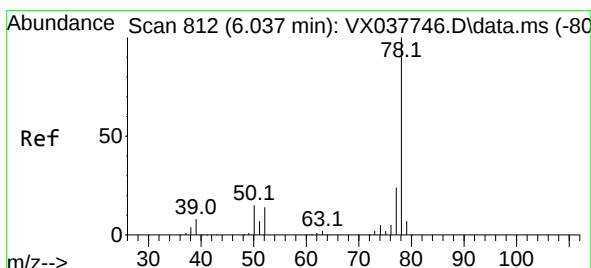
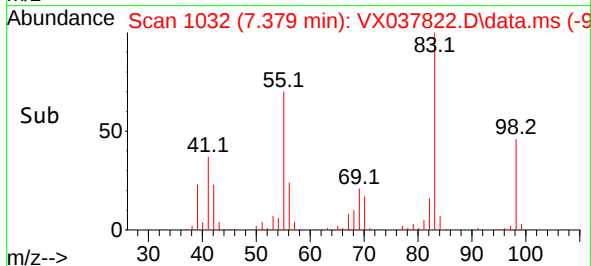
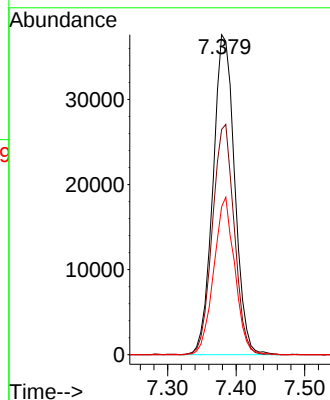
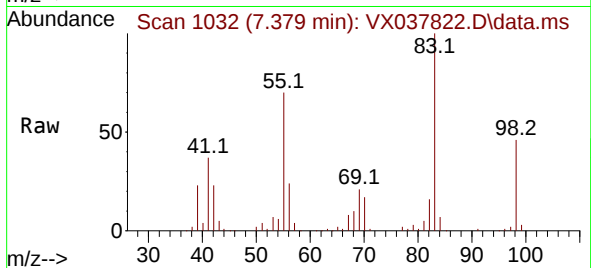
Tgt Ion: 83 Resp: 82704
 Ion Ratio Lower Upper
 83 100
 55 70.4 64.6 97.0
 98 46.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Benzene

Concen: 18.999 ug/l

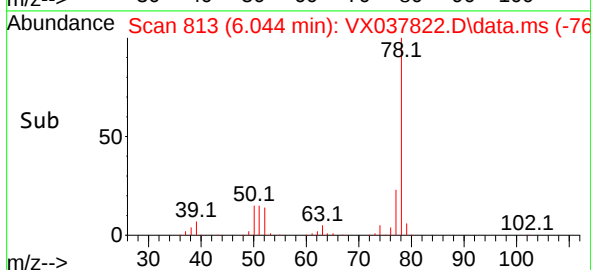
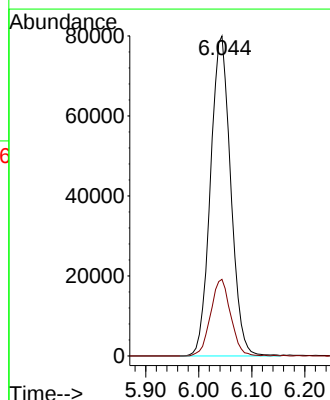
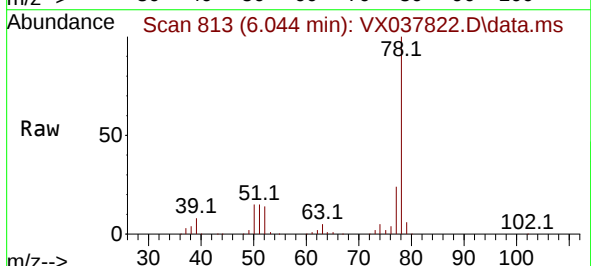
RT: 6.044 min Scan# 813

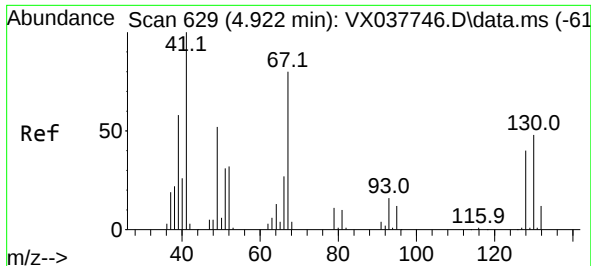
Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

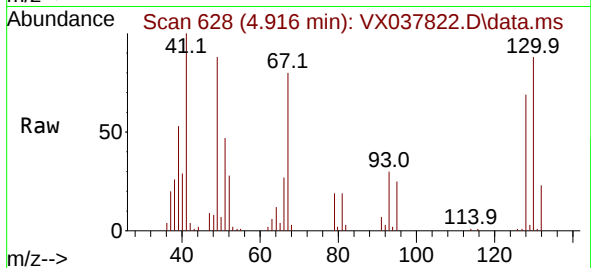
Tgt Ion: 78 Resp: 212091
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 18.528 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.030 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

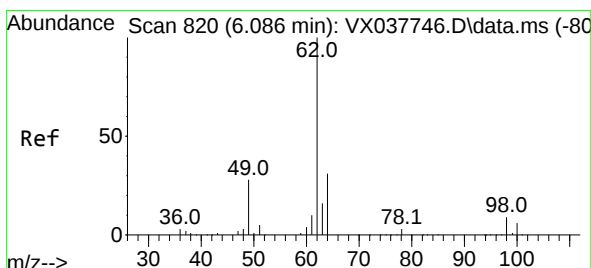
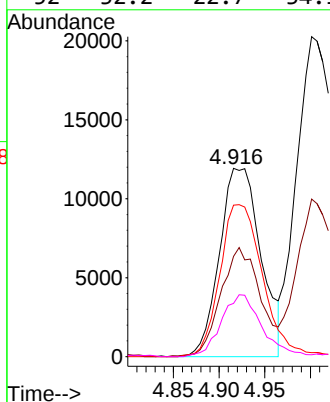
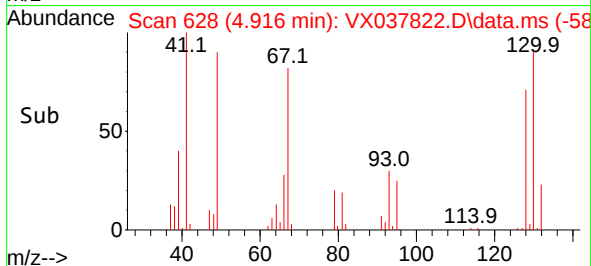
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 41 Resp: 3770
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 83.3 52.6 78.8
52 32.2 22.7 34.1

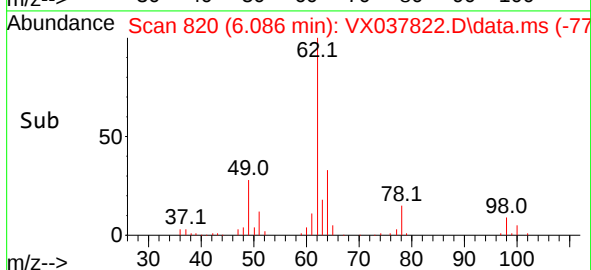
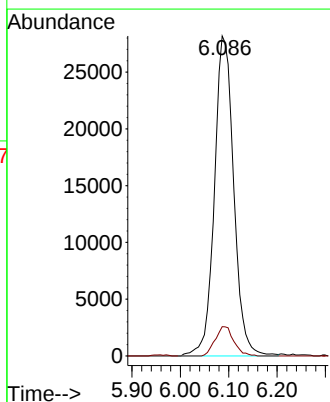
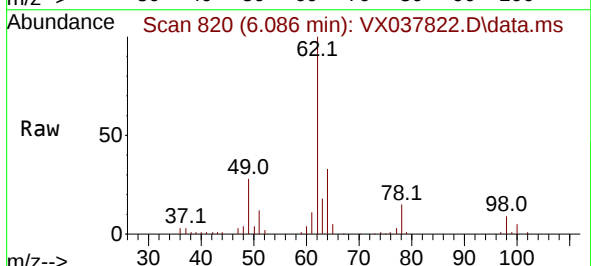
Manual Integrations
APPROVED

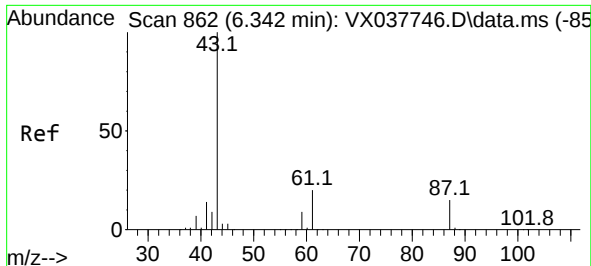
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 19.410 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 62 Resp: 78314
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.137 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

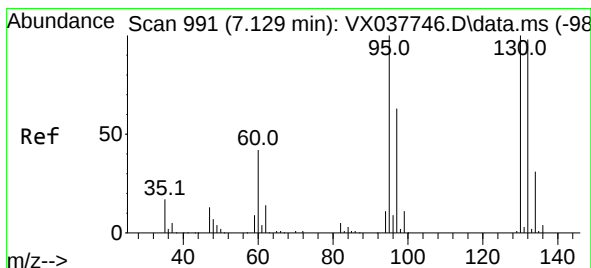
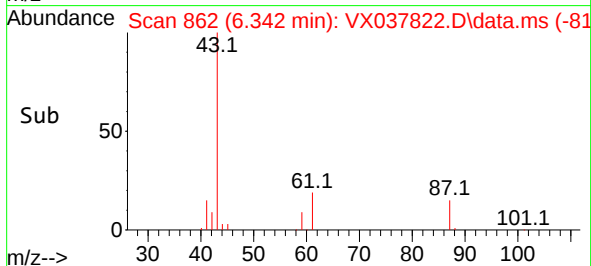
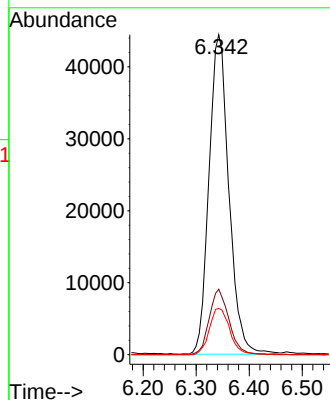
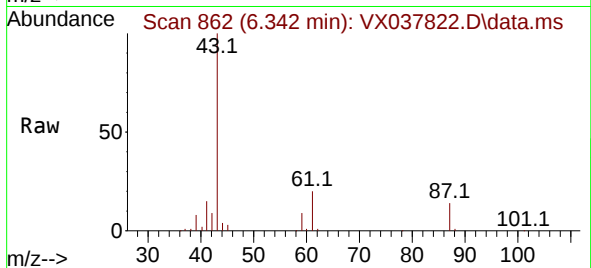
Tgt Ion: 43	Resp: 11573
Ion Ratio	Lower Upper
43 100	
61 20.3	15.2 22.8
87 14.9	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#44

Trichloroethene

Concen: 18.644 ug/l

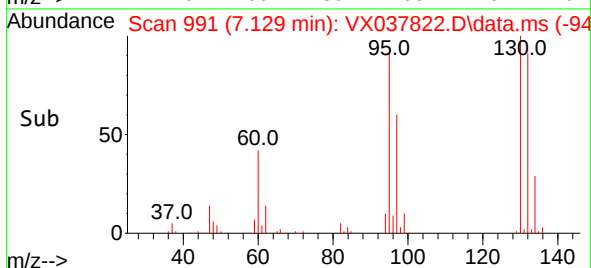
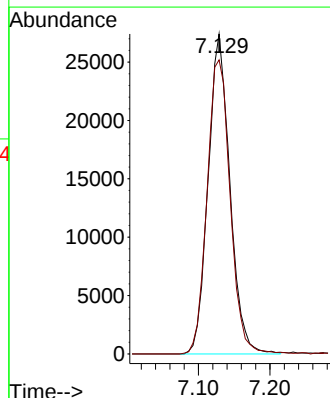
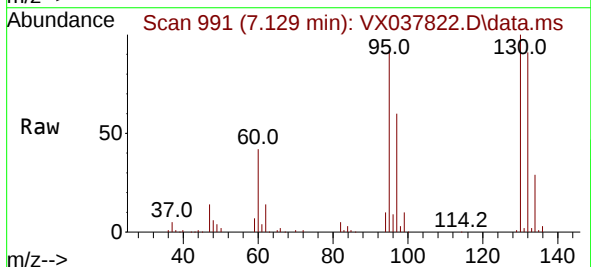
RT: 7.129 min Scan# 991

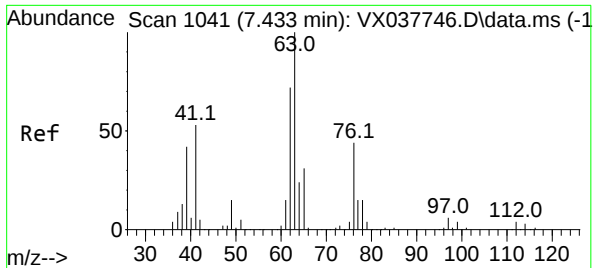
Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Tgt Ion:130	Resp: 57958
Ion Ratio	Lower Upper
130 100	
95 91.9	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.698 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

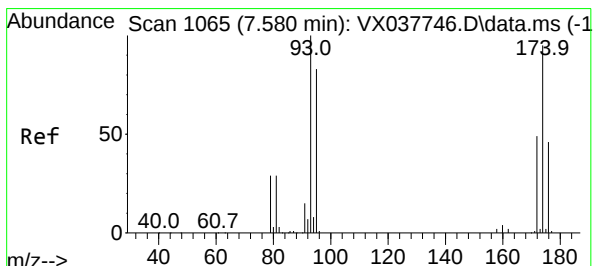
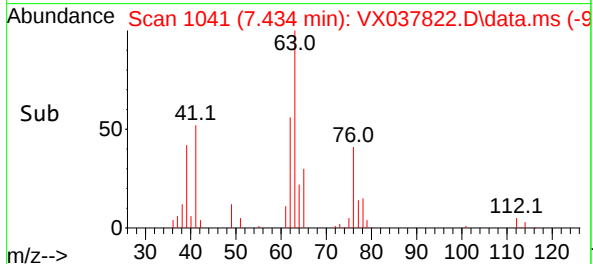
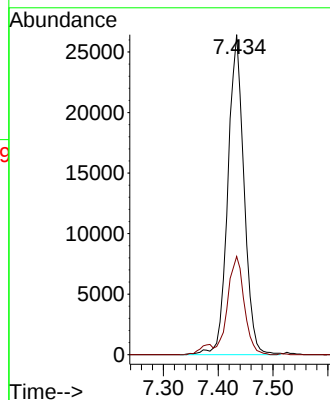
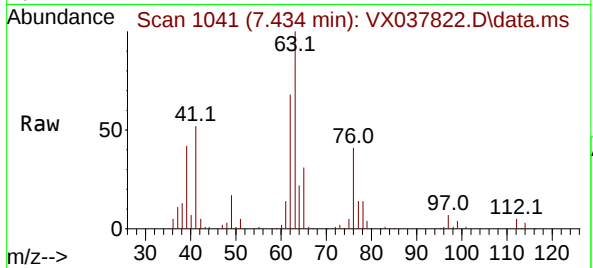
Tgt Ion: 63 Resp: 54204
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 19.952 ug/l

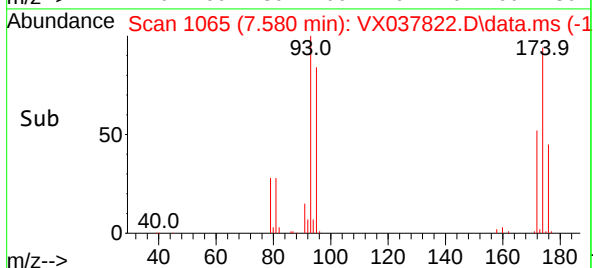
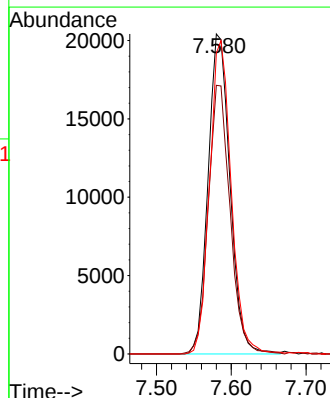
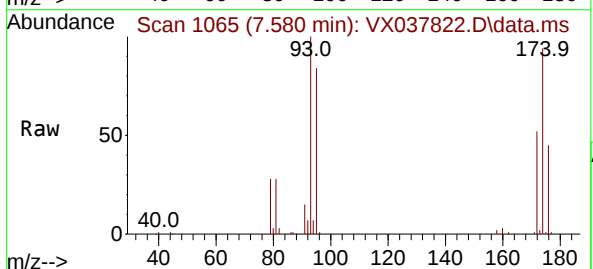
RT: 7.580 min Scan# 1065

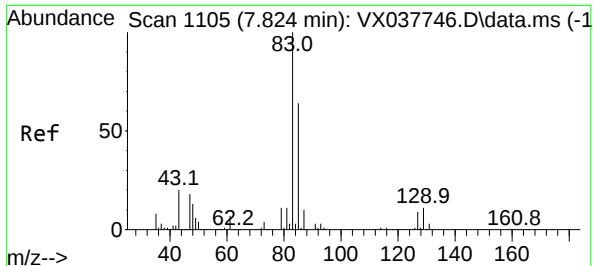
Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Tgt Ion: 93 Resp: 41607
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 96.9 69.4 104.0





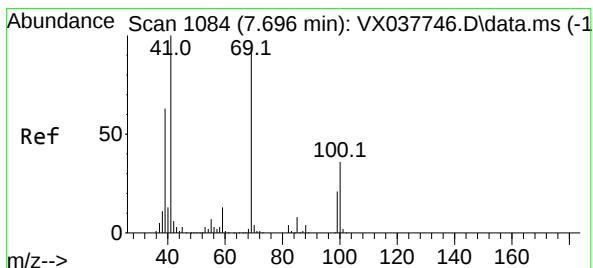
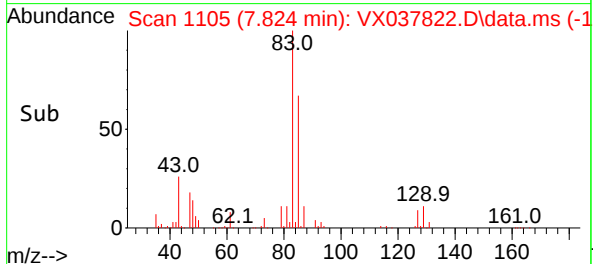
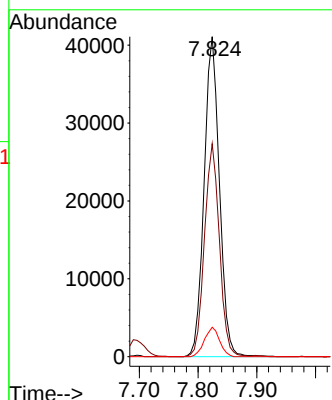
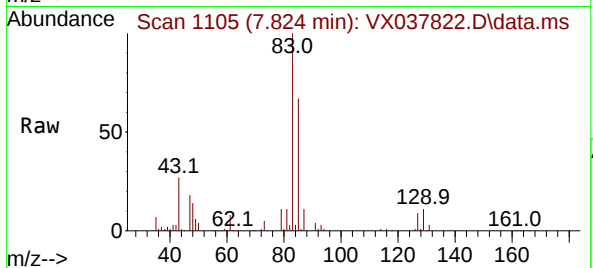
#47
Bromodichloromethane
Concen: 19.347 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 83 Resp: 7430
Ion Ratio Lower Upper
83 100
85 66.5 49.8 74.6
127 9.2 7.1 10.7

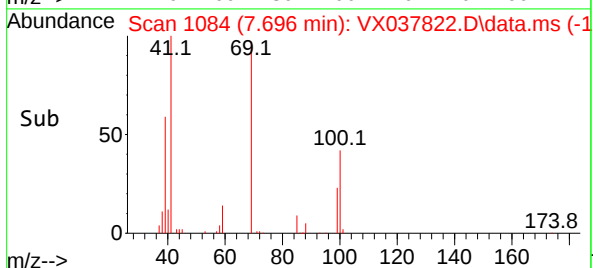
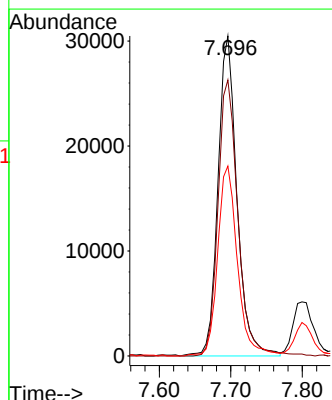
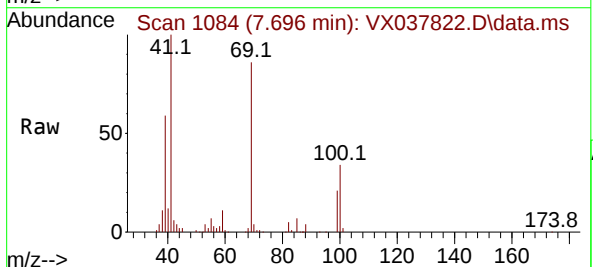
Manual Integrations
APPROVED

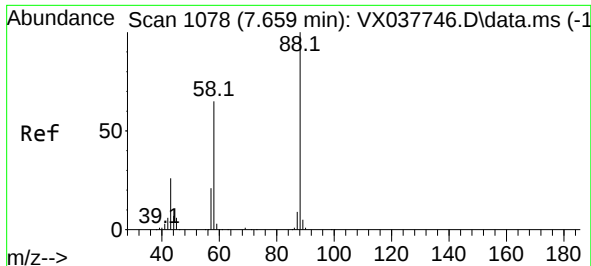
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#48
Methyl methacrylate
Concen: 18.438 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

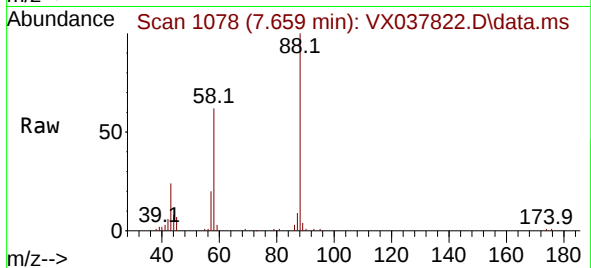
Tgt Ion: 41 Resp: 56246
Ion Ratio Lower Upper
41 100
69 90.7 59.2 88.8
39 61.8 47.7 71.5





#49
1,4-Dioxane
Concen: 354.770 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

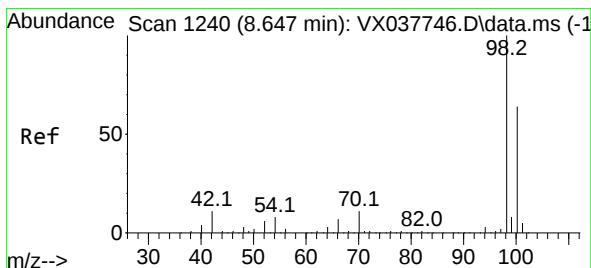
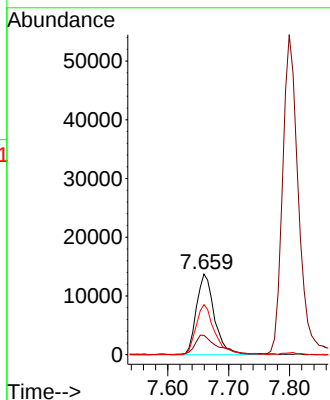
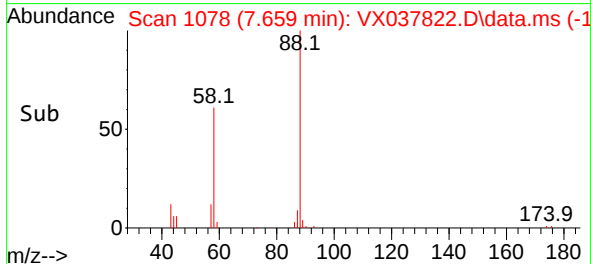
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 88 Resp: 28372
Ion Ratio Lower Upper
88 100
43 28.9 0.0 0.0
58 63.8 60.1 90.1

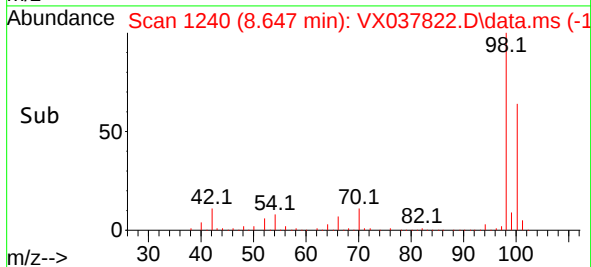
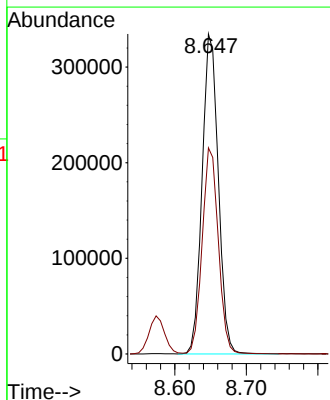
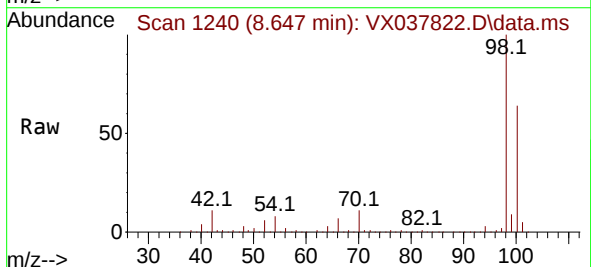
Manual Integrations
APPROVED

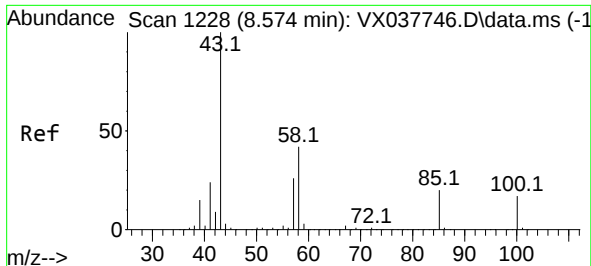
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
Toluene-d8
Concen: 53.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

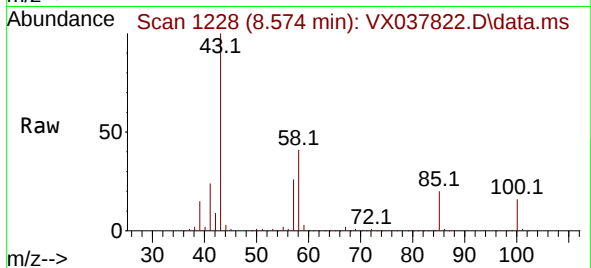
Tgt Ion: 98 Resp: 525770
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 91.516 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

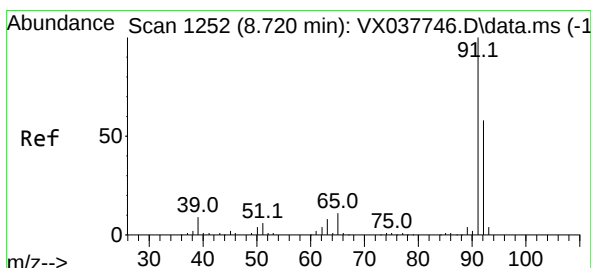
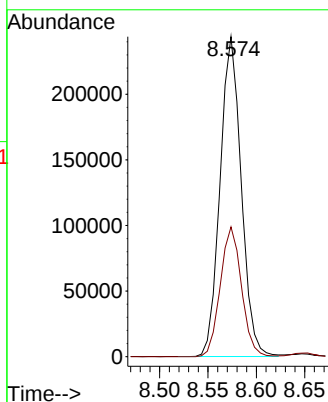
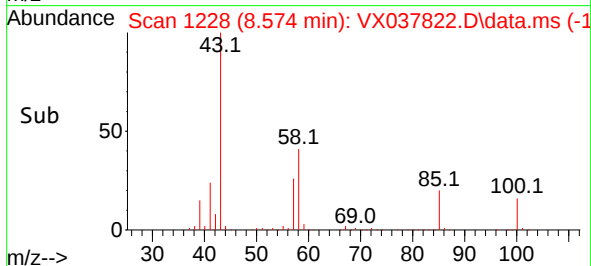
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



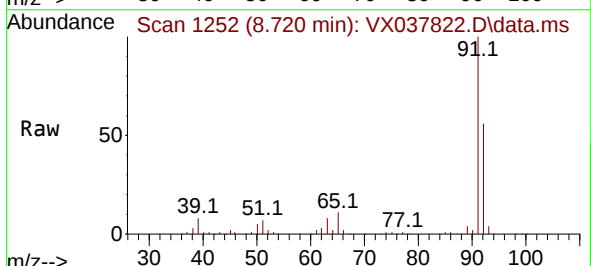
Tgt Ion: 43 Resp: 37051
Ion Ratio Lower Upper
43 100
58 40.6 30.4 45.6

Manual Integrations
APPROVED

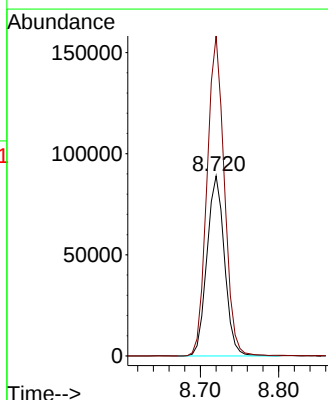
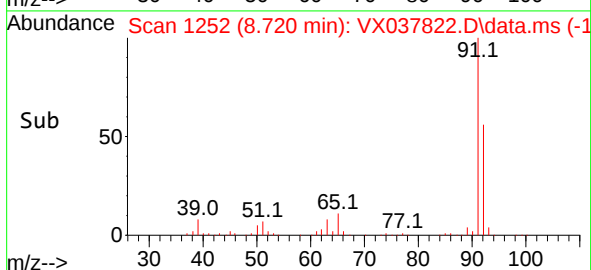
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

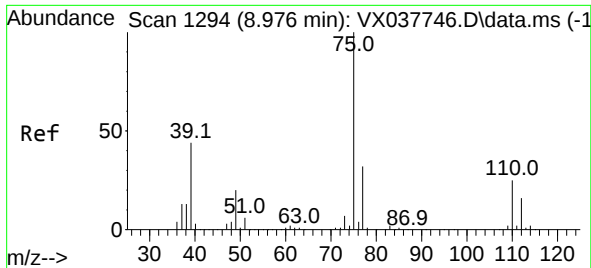


#52
Toluene
Concen: 19.227 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



Tgt Ion: 92 Resp: 138321
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.391 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 75 Resp: 77872

Ion Ratio Lower Upper

75 100

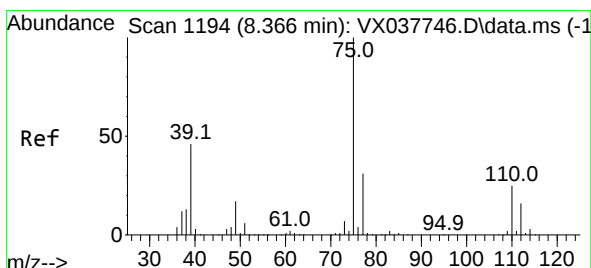
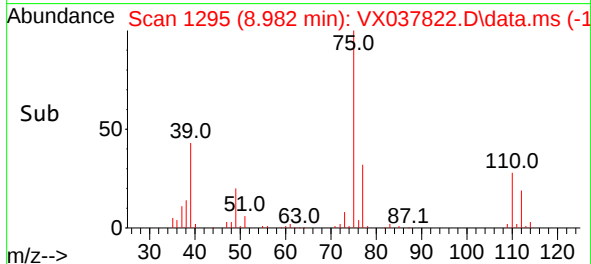
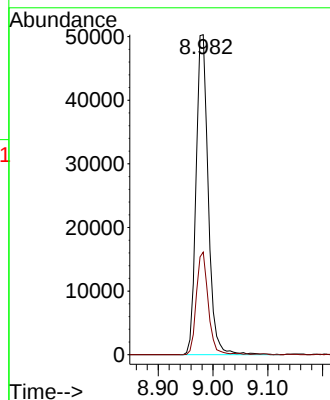
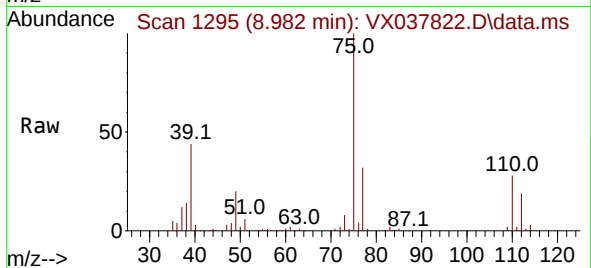
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#54

cis-1,3-Dichloropropene

Concen: 19.586 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

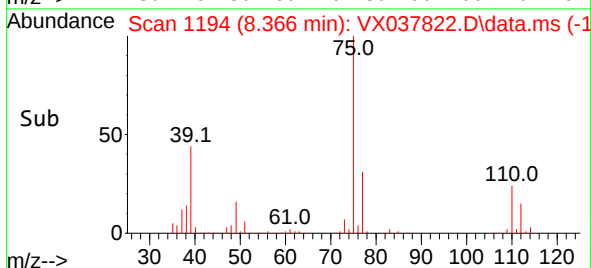
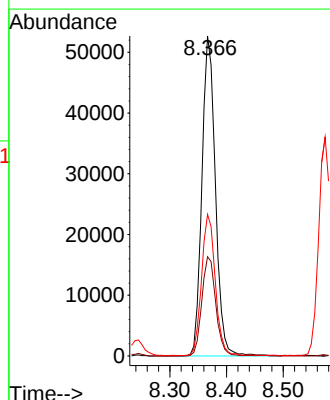
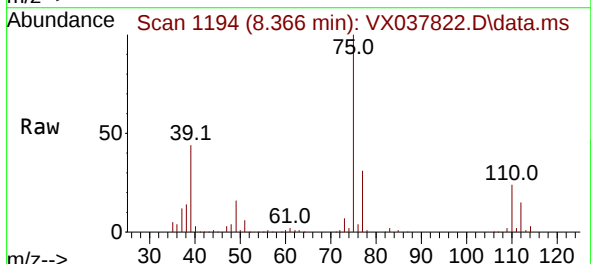
Tgt Ion: 75 Resp: 87048

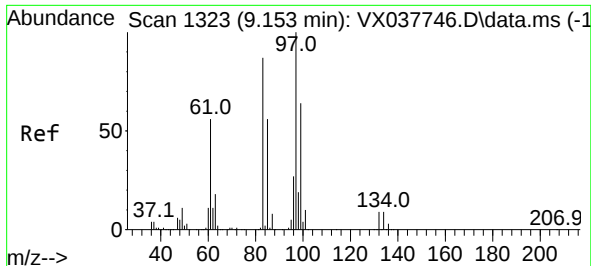
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

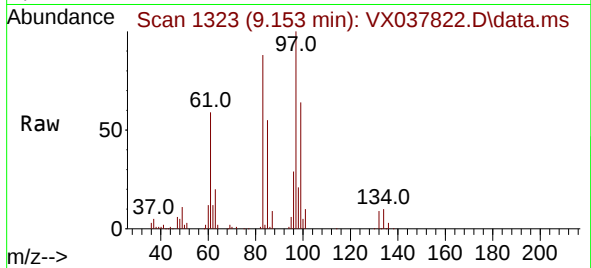
39 44.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.322 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

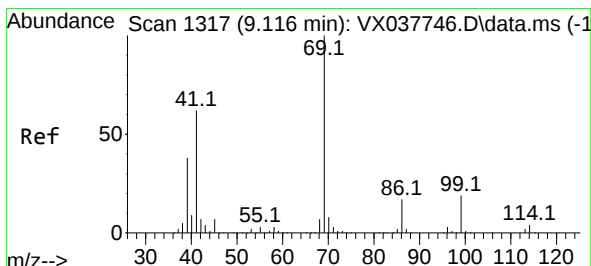
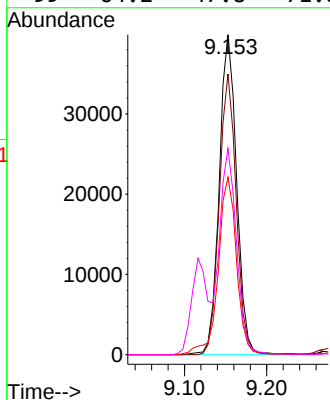
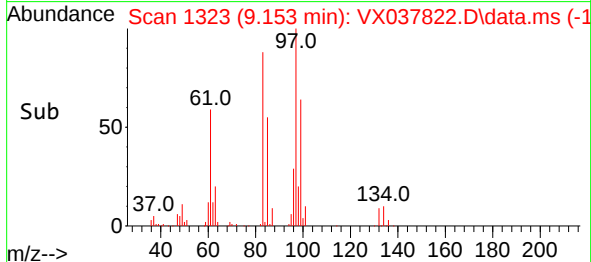
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.8
85	55.4	41.6	62.4
99	64.2	47.8	71.8

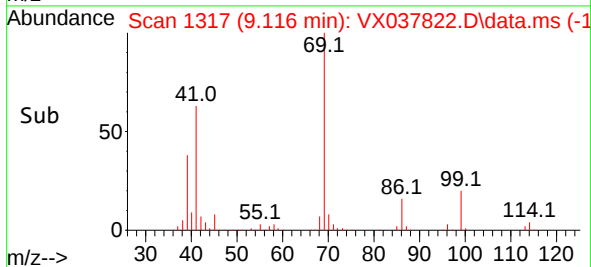
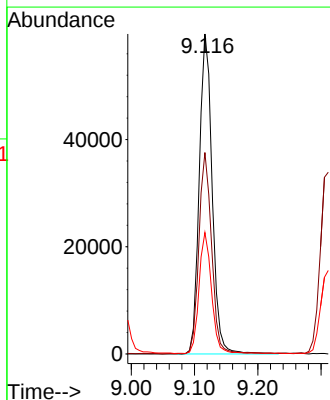
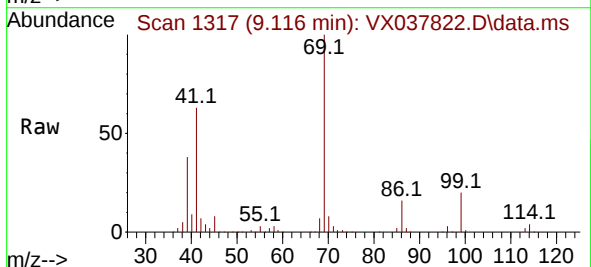
Manual Integrations
APPROVED

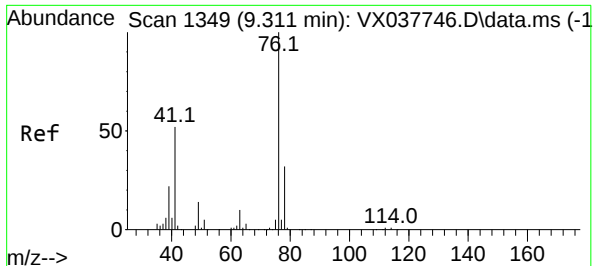
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#56
Ethyl methacrylate
Concen: 18.792 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	56.8	85.2
39	36.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.568 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 76 Resp: 96049

Ion Ratio Lower Upper

76 100

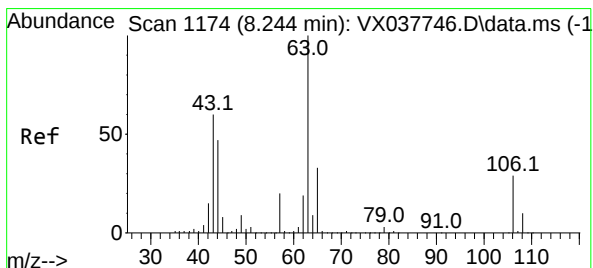
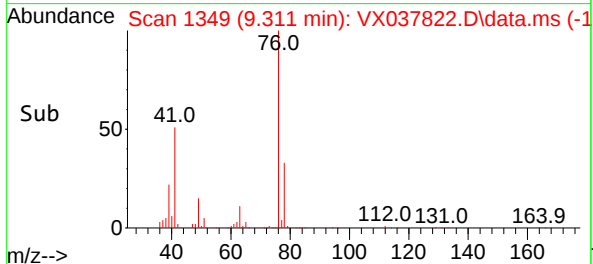
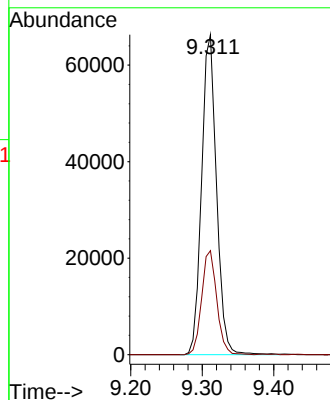
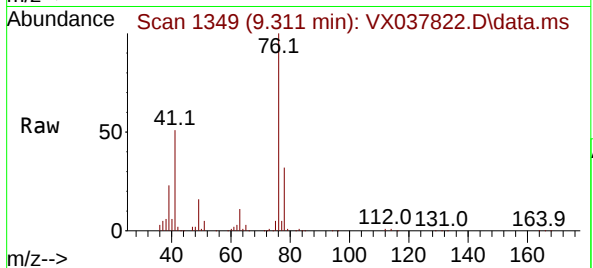
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.013 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037822.D

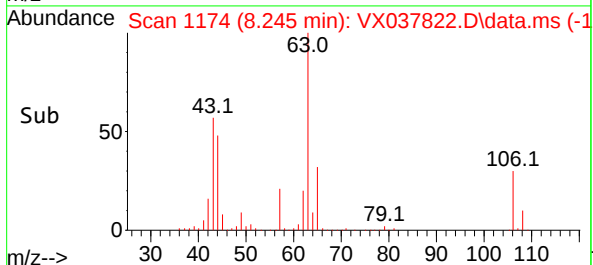
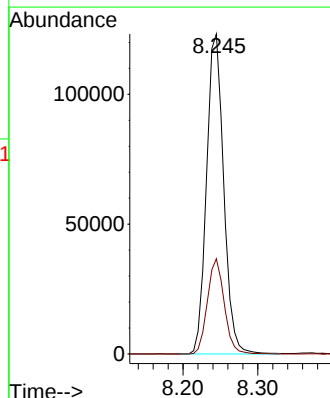
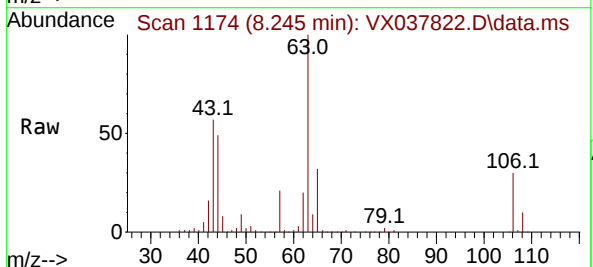
Acq: 20 Sep 2023 10:48

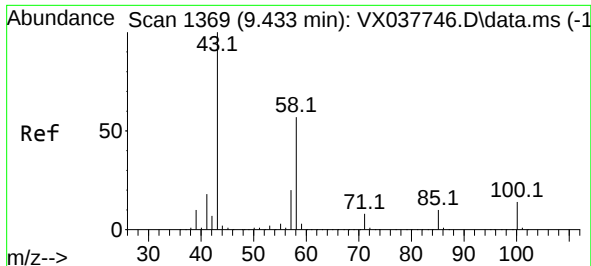
Tgt Ion: 63 Resp: 196671

Ion Ratio Lower Upper

63 100

106 29.2 22.5 33.7





#59

2-Hexanone

Concen: 89.740 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 43 Resp: 282884

Ion Ratio Lower Upper

43 100

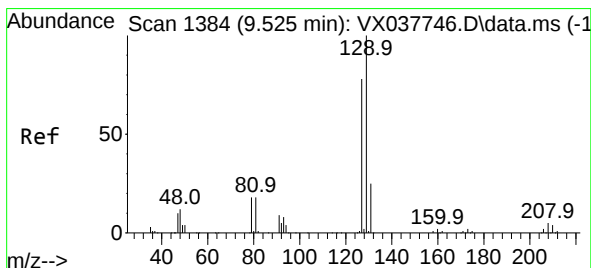
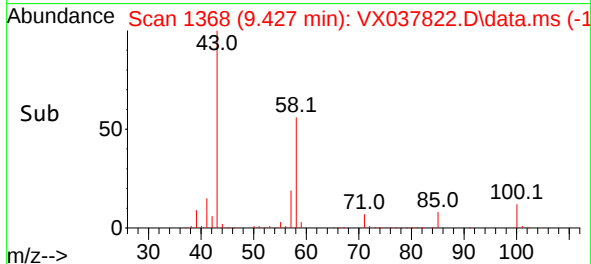
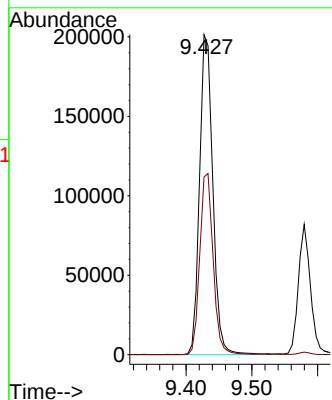
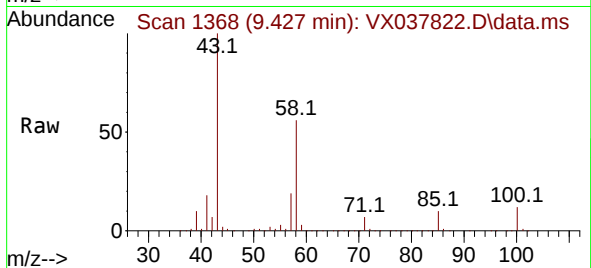
58 57.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#60

Dibromochloromethane

Concen: 19.440 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037822.D

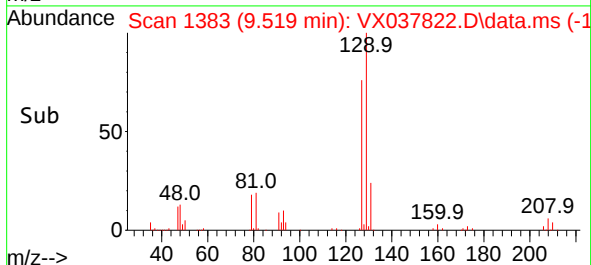
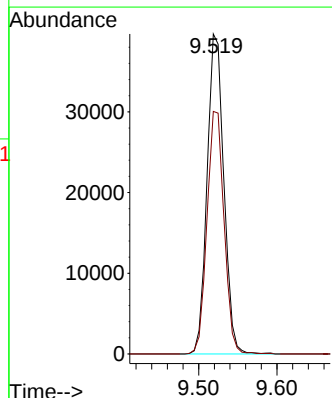
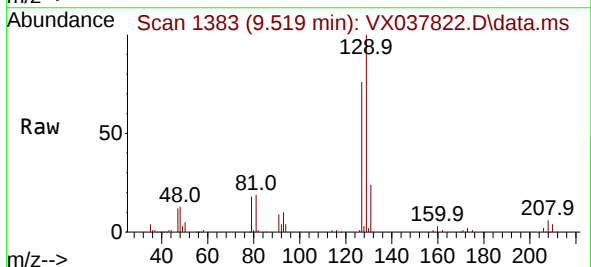
Acq: 20 Sep 2023 10:48

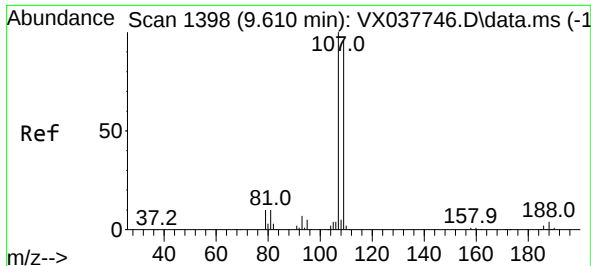
Tgt Ion:129 Resp: 58740

Ion Ratio Lower Upper

129 100

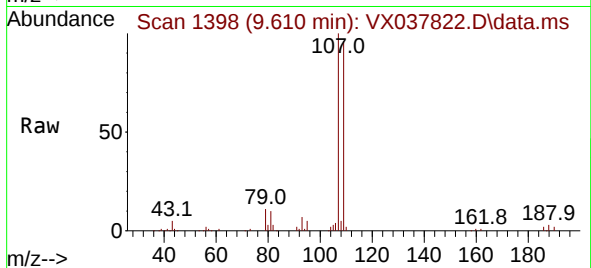
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.595 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

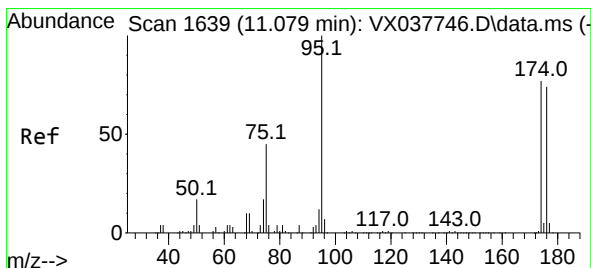
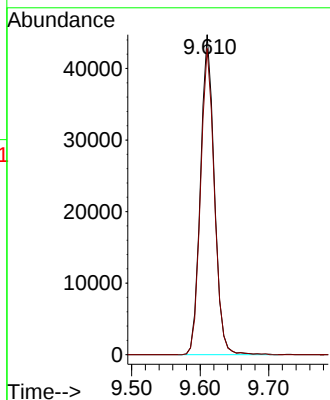
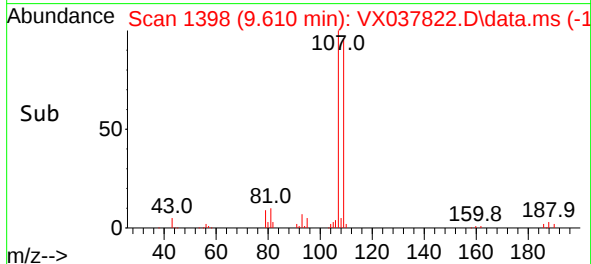
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



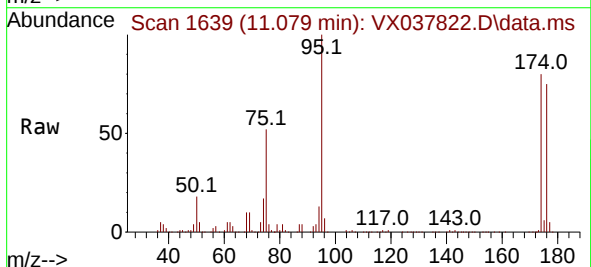
Tgt Ion:107 Resp: 62930
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8

Manual Integrations
APPROVED

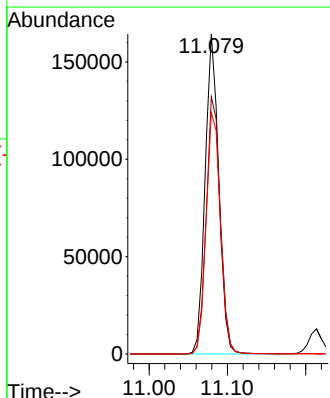
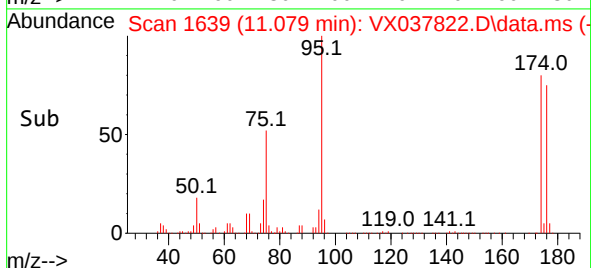
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

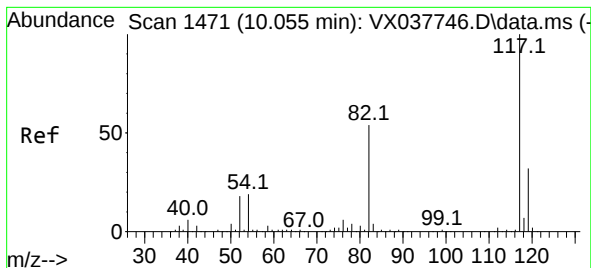


#62
4-Bromofluorobenzene
Concen: 55.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



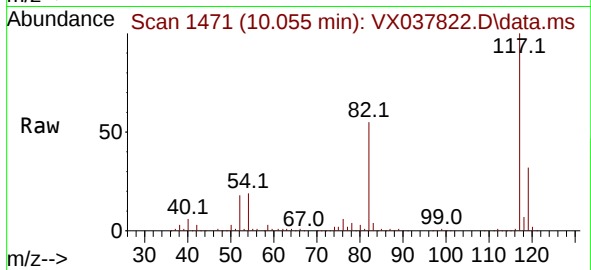
Tgt Ion: 95 Resp: 197351
Ion Ratio Lower Upper
95 100
174 83.9 0.0 135.6
176 79.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

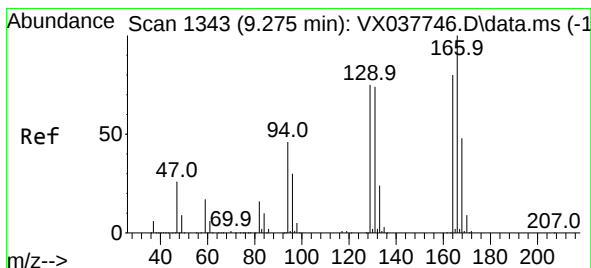
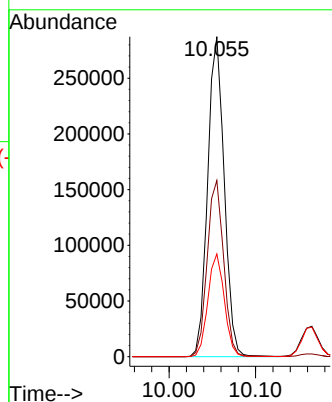
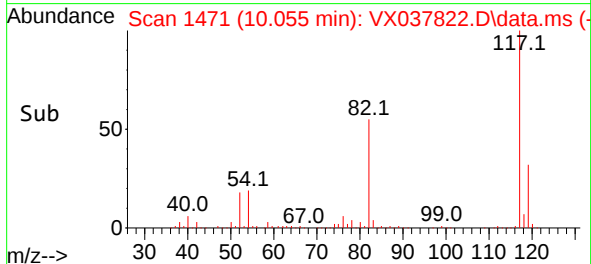
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion:117 Resp: 381290
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3

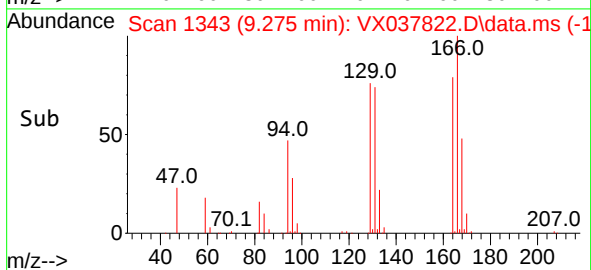
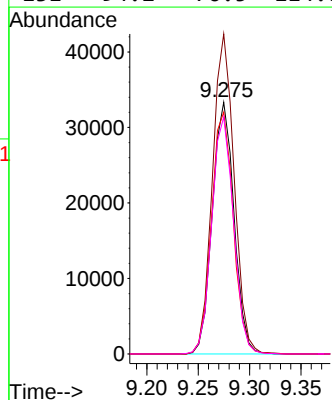
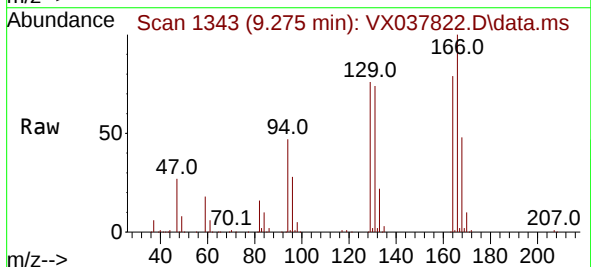
Manual Integrations
APPROVED

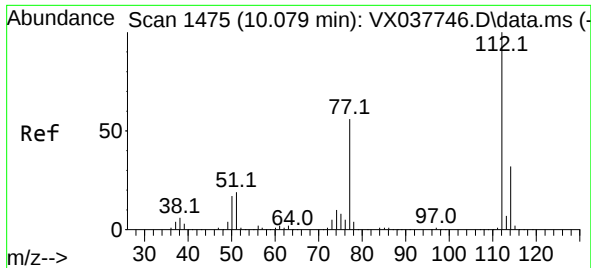
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 18.778 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

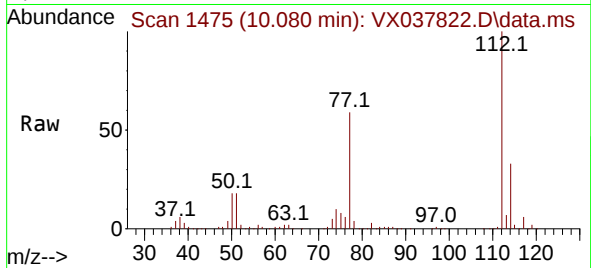
Tgt Ion:164 Resp: 48829
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 96.1 80.4 120.6
131 94.2 76.5 114.7





#65
Chlorobenzene
Concen: 18.581 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

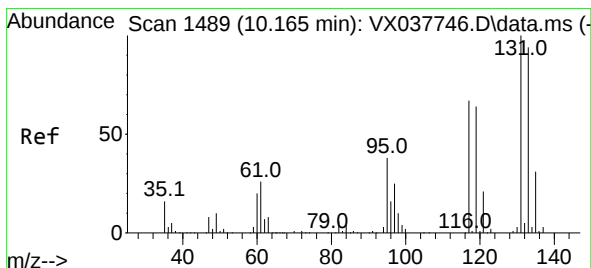
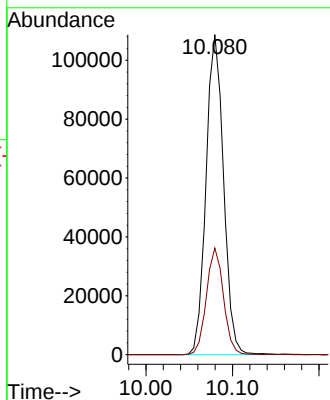
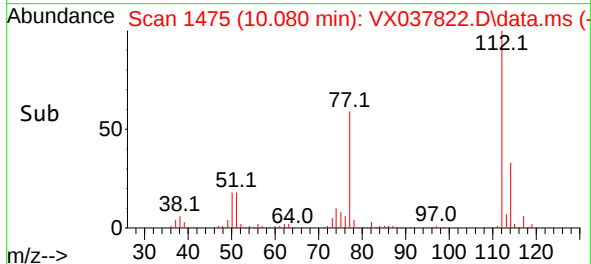
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



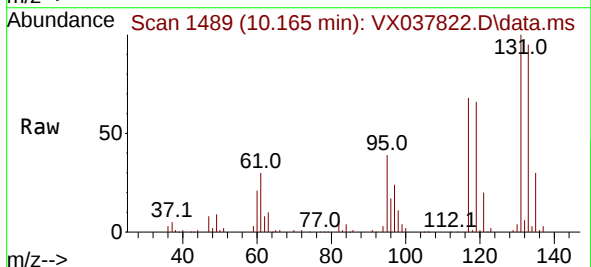
Tgt Ion:112 Resp: 152810
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

Manual Integrations
APPROVED

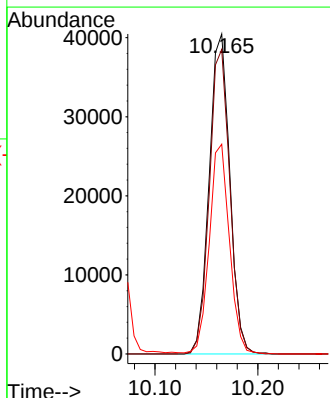
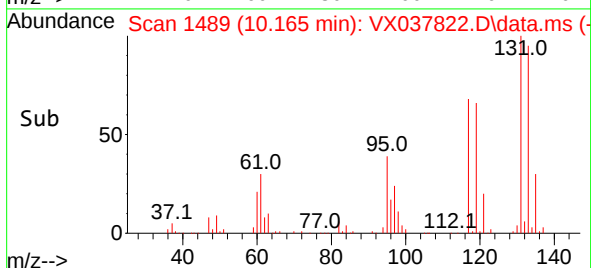
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

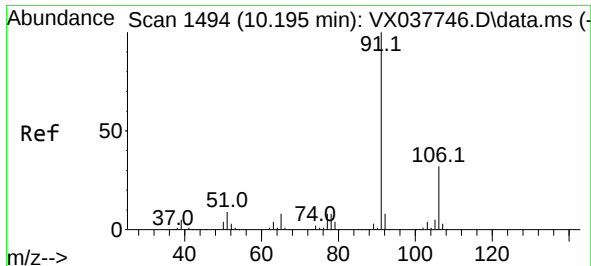


#66
1,1,1,2-Tetrachloroethane
Concen: 19.322 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



Tgt Ion:131 Resp: 56315
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 18.857 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion: 91 Resp: 26888

Ion Ratio Lower Upper

91 100

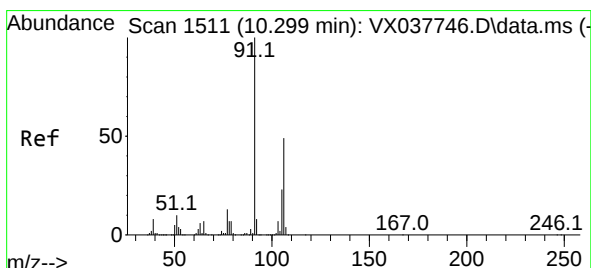
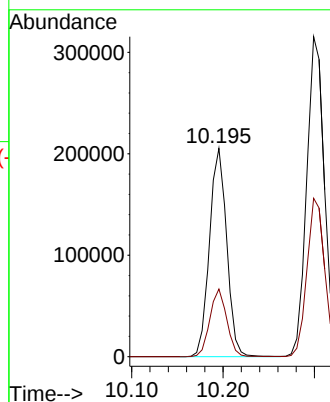
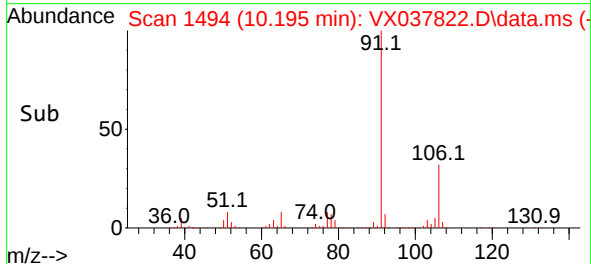
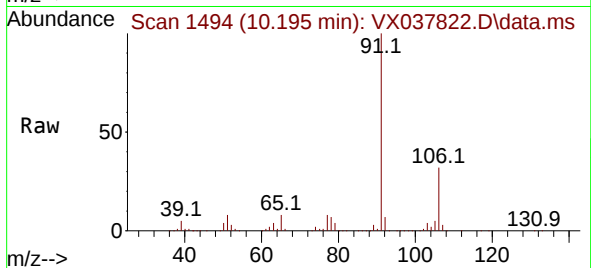
106 32.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#68

m/p-Xylenes

Concen: 38.682 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037822.D

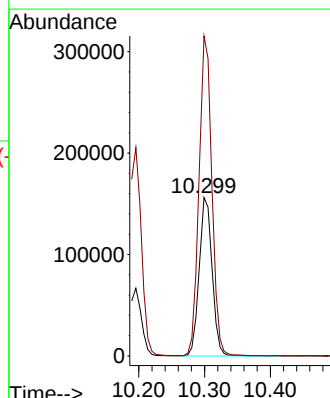
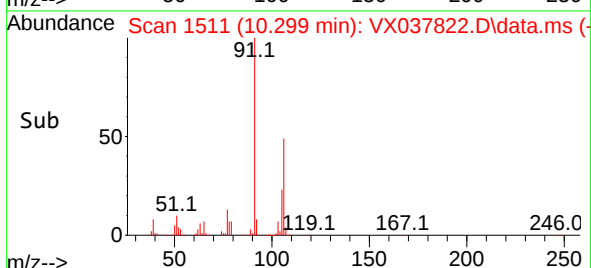
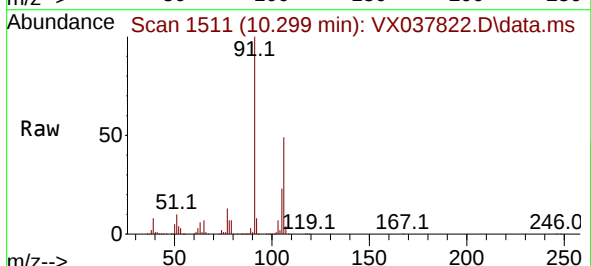
Acq: 20 Sep 2023 10:48

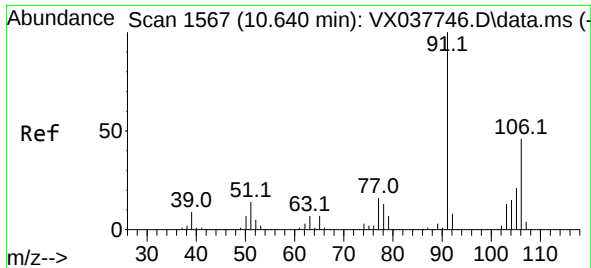
Tgt Ion:106 Resp: 213136

Ion Ratio Lower Upper

106 100

91 200.5 165.5 248.3





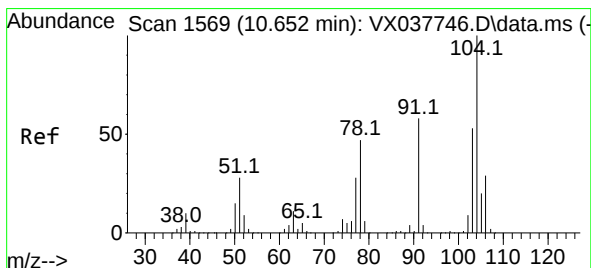
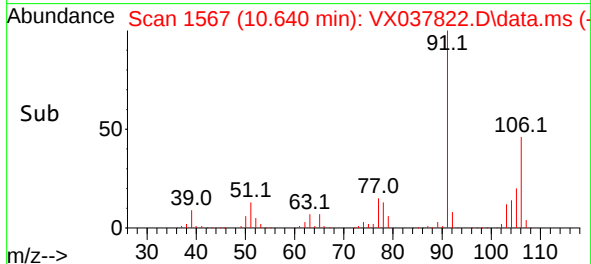
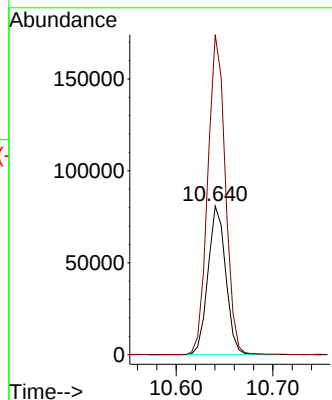
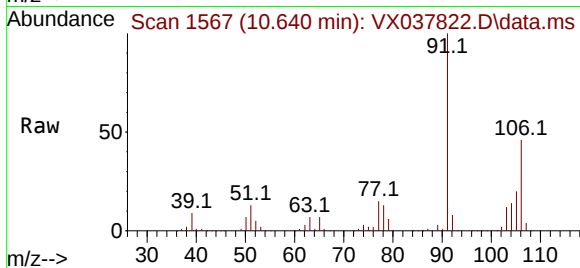
#69
o-Xylene
Concen: 18.657 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion:106 Resp: 103085
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.8

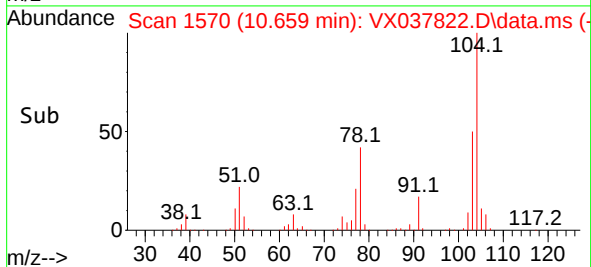
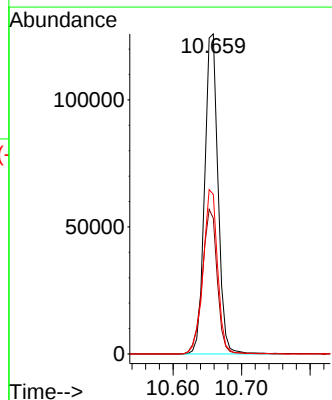
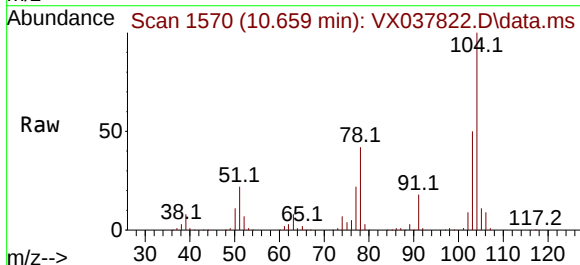
Manual Integrations
APPROVED

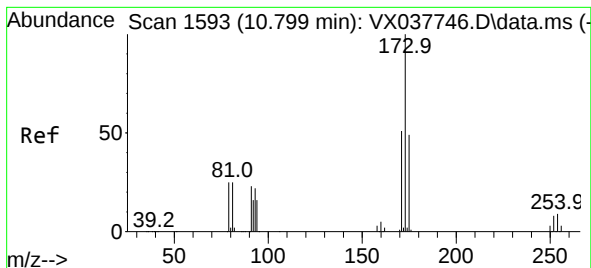
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 19.357 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion:104 Resp: 171705
Ion Ratio Lower Upper
104 100
78 50.3 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 18.195 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

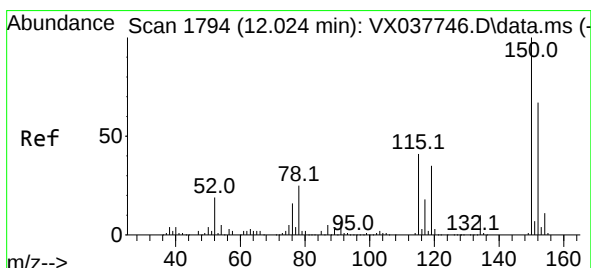
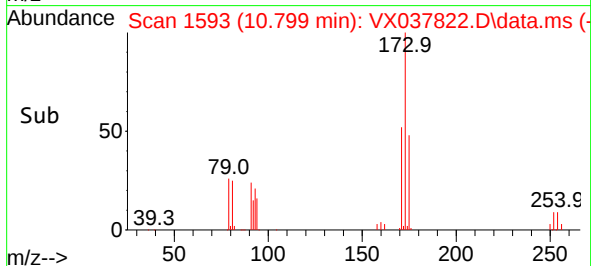
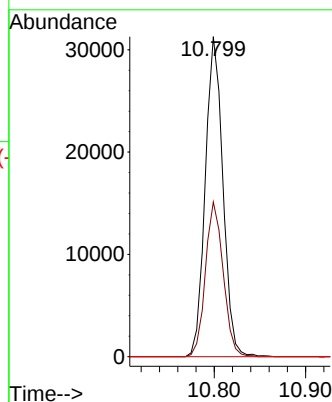
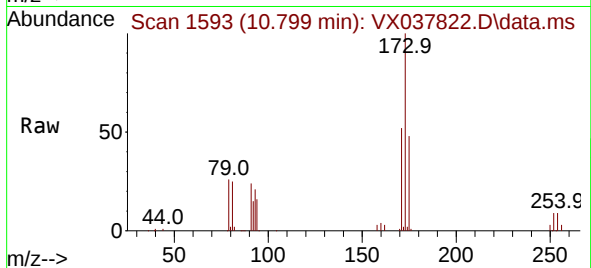
Tgt Ion:173	Resp: 4189
Ion Ratio	Lower Upper
173 100	
175 48.8	24.1 72.4
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

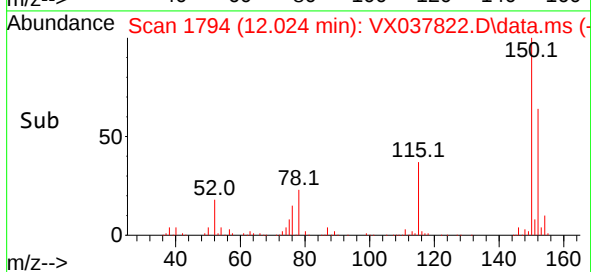
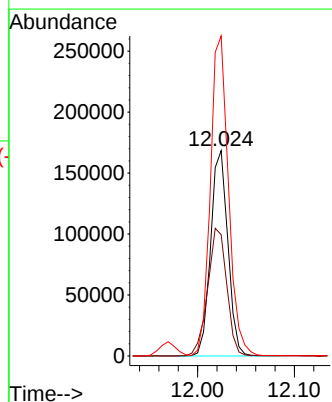
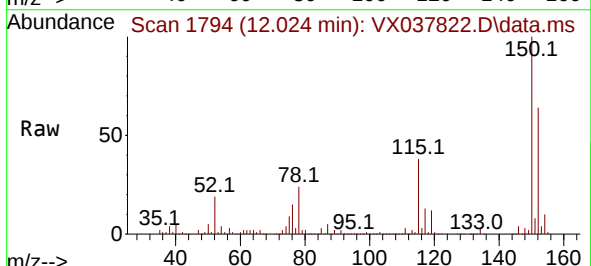
RT: 12.024 min Scan# 1794

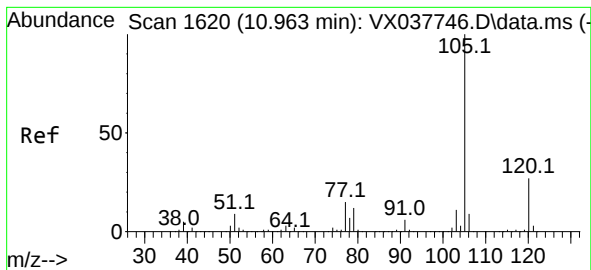
Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Tgt Ion:152	Resp: 208479
Ion Ratio	Lower Upper
152 100	
115 68.9	43.3 129.9
150 163.5	0.0 345.0





#73

Isopropylbenzene

Concen: 17.775 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

Tgt Ion:105 Resp: 27186

Ion Ratio Lower Upper

105 100

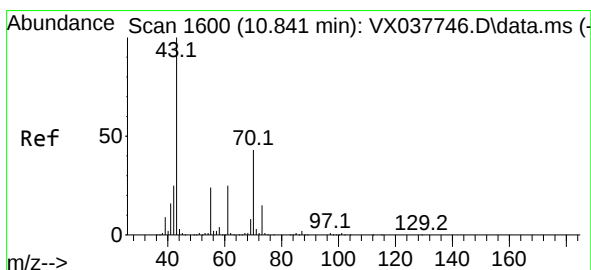
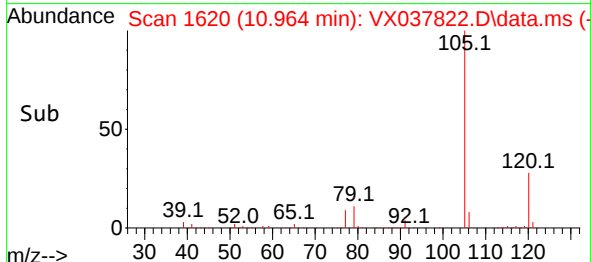
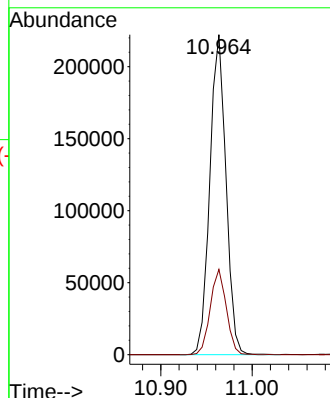
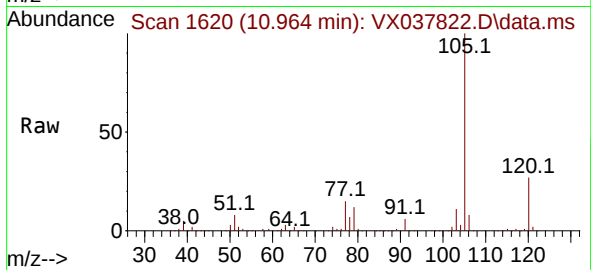
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#74

N-ethyl acetate

Concen: 16.771 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Tgt Ion: 43 Resp: 103888

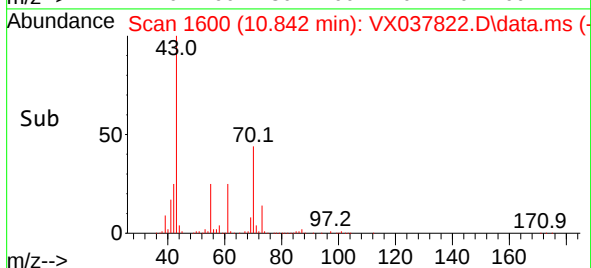
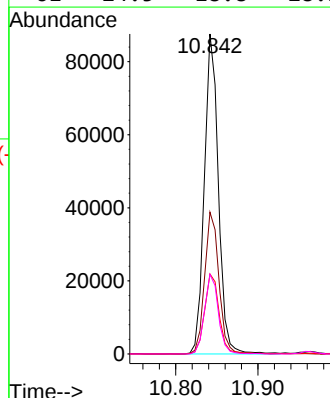
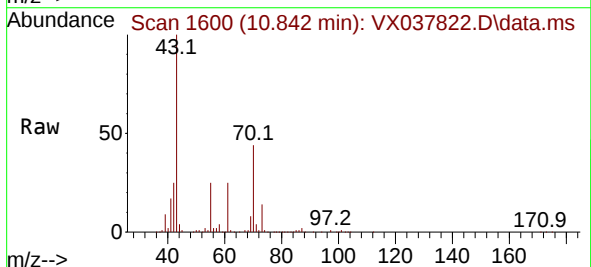
Ion Ratio Lower Upper

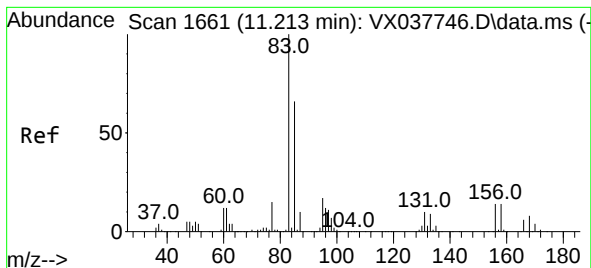
43 100

70 45.2 32.9 49.3

55 26.1 19.3 28.9

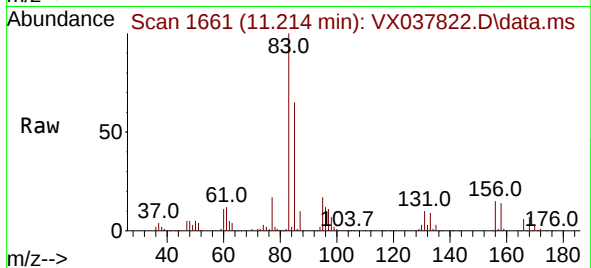
61 24.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.418 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

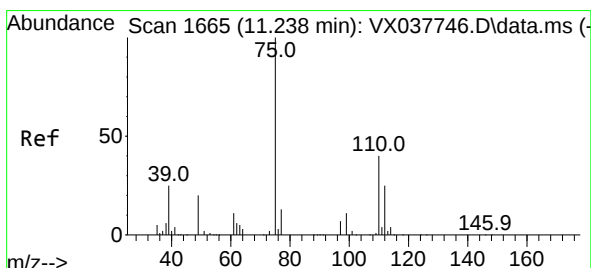
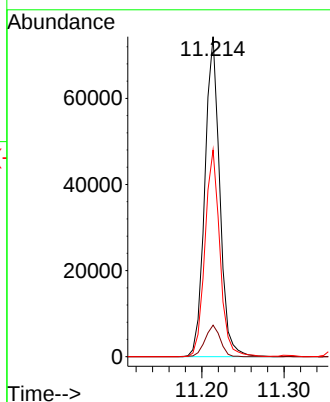
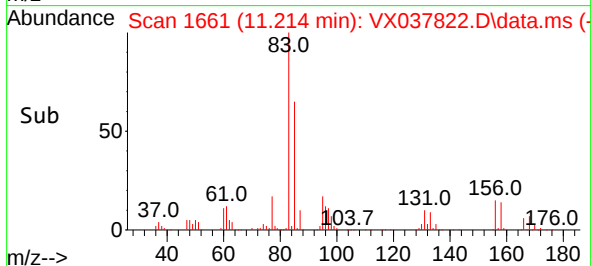
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



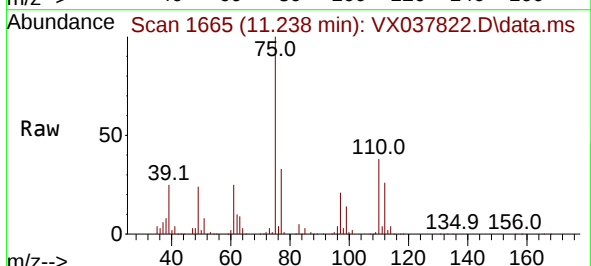
Tgt Ion: 83 Resp: 93694
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.7 32.0 96.2

Manual Integrations
APPROVED

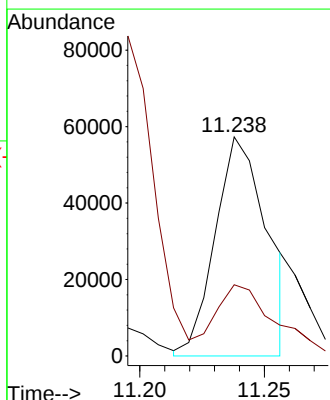
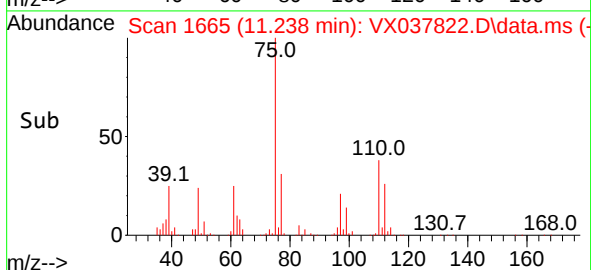
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

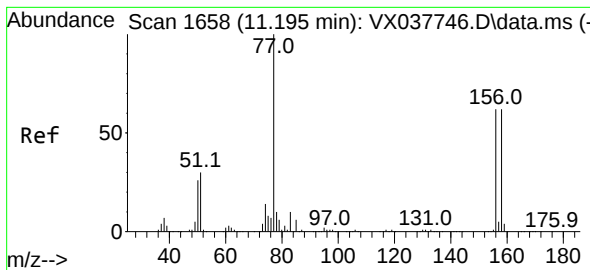


#76
1,2,3-Trichloropropane
Concen: 17.102 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



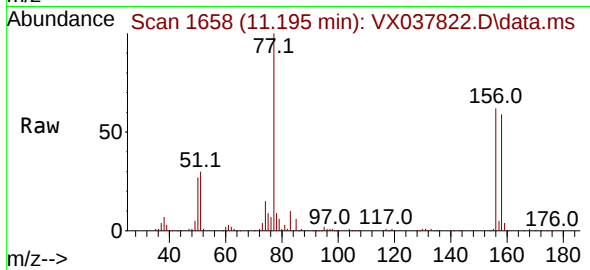
Tgt Ion: 75 Resp: 82466
Ion Ratio Lower Upper
75 100
77 38.2 19.1 57.5





#77
Bromobenzene
Concen: 18.082 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

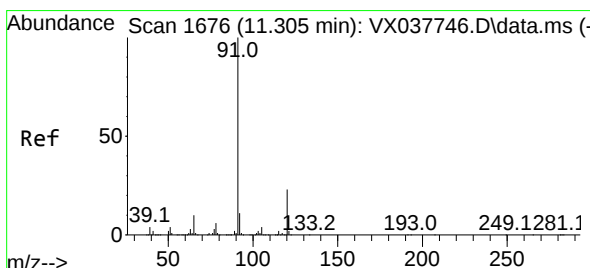
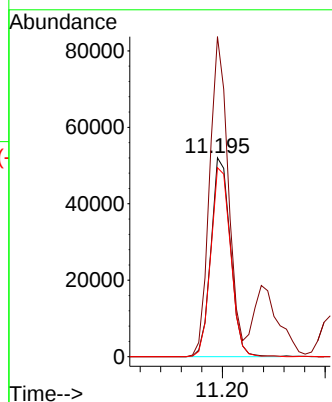
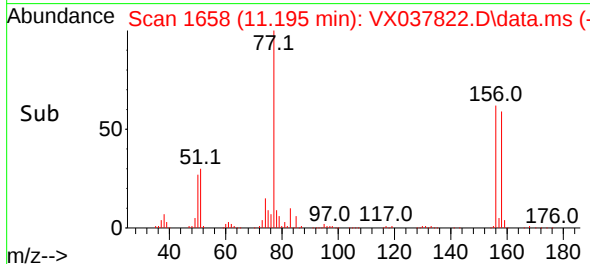
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



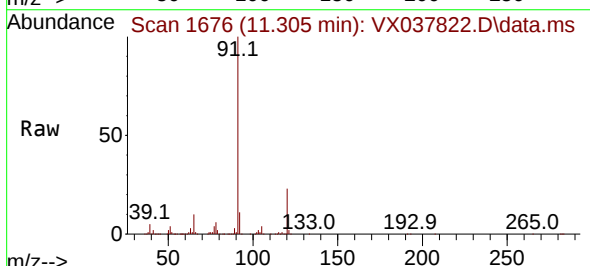
Tgt Ion: 156 Resp: 68452
Ion Ratio Lower Upper
156 100
77 153.9 88.4 265.3
158 96.6 48.0 144.0

Manual Integrations
APPROVED

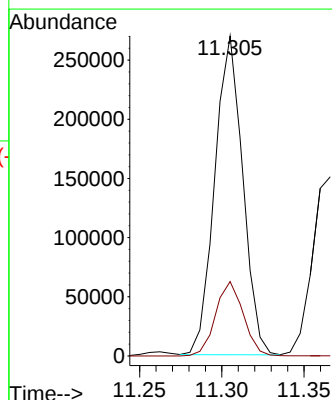
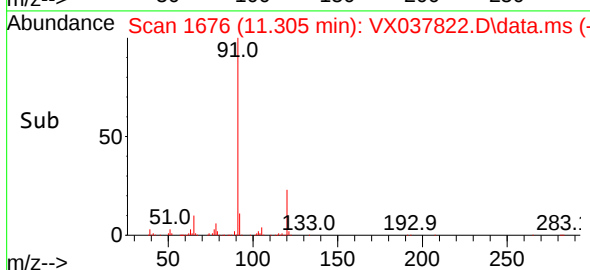
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

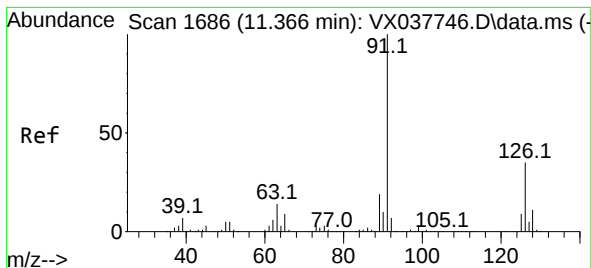


#78
n-propylbenzene
Concen: 18.449 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



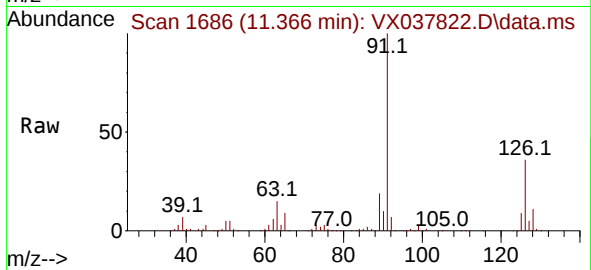
Tgt Ion: 91 Resp: 318673
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.703 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

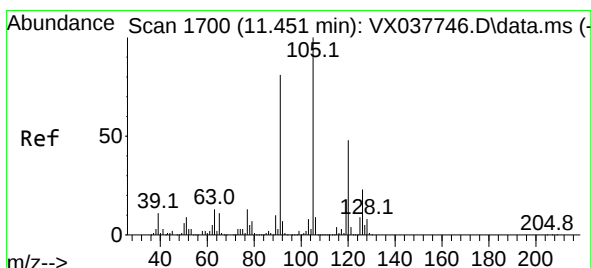
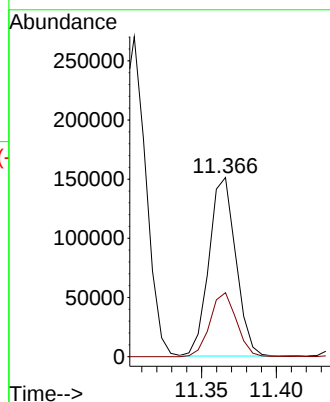
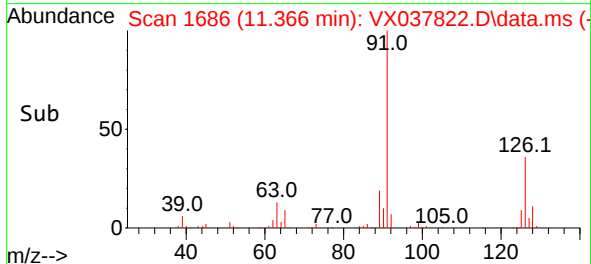
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



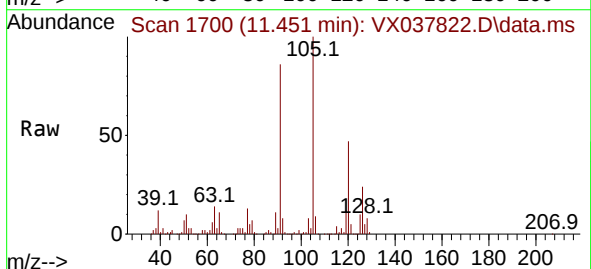
Tgt Ion: 91 Resp: 188550
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

Manual Integrations
APPROVED

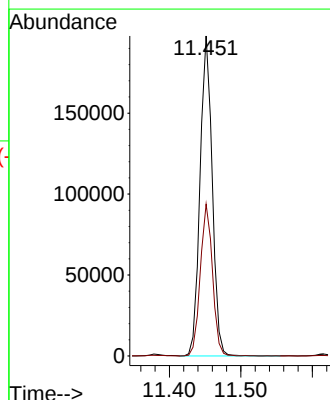
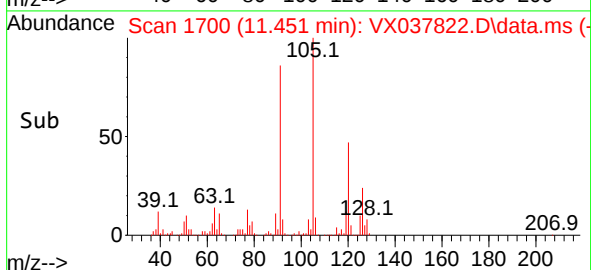
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

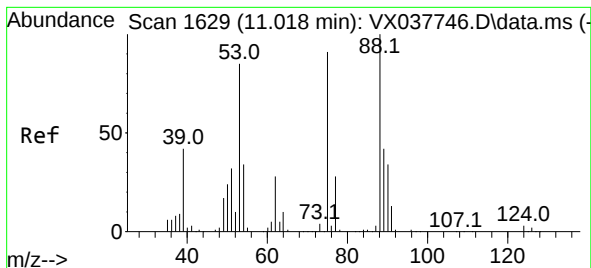


#80
1,3,5-Trimethylbenzene
Concen: 18.047 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



Tgt Ion:105 Resp: 233110
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





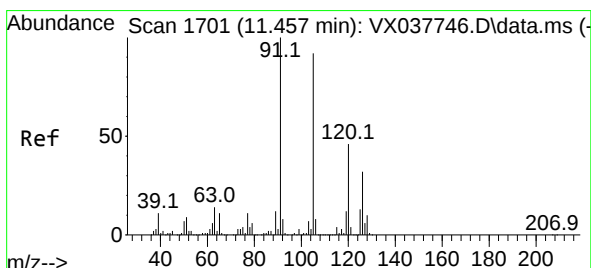
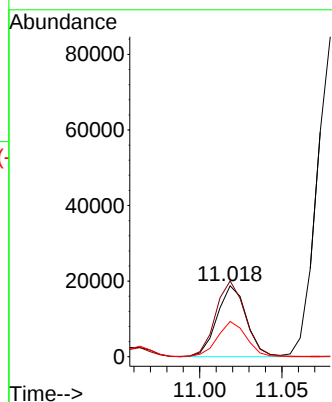
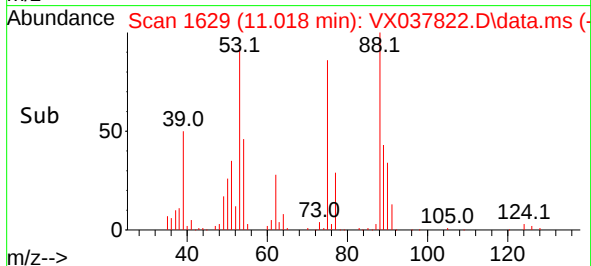
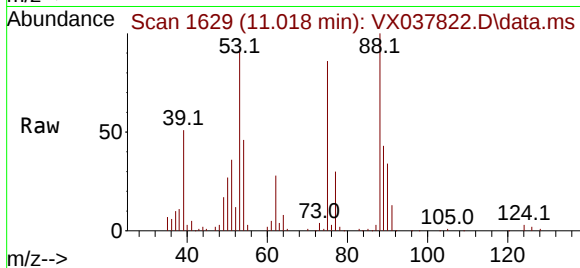
#81
trans-1,4-Dichloro-2-butene
Concen: 15.540 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Tgt Ion: 75 Resp: 23392
Ion Ratio Lower Upper
75 100
53 106.2 90.5 135.7
89 48.6 36.9 55.3

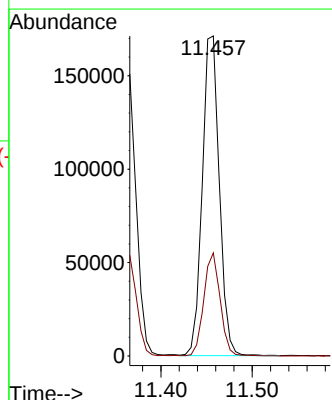
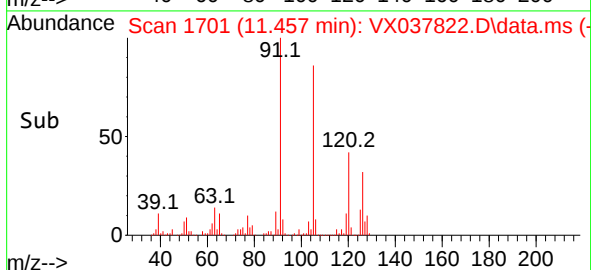
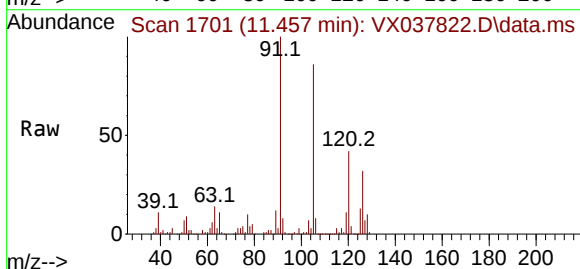
Manual Integrations
APPROVED

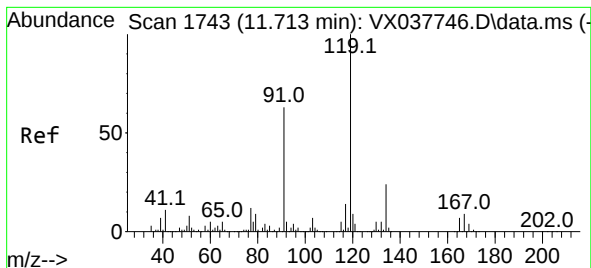
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
4-Chlorotoluene
Concen: 18.424 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 91 Resp: 220920
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.991 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01

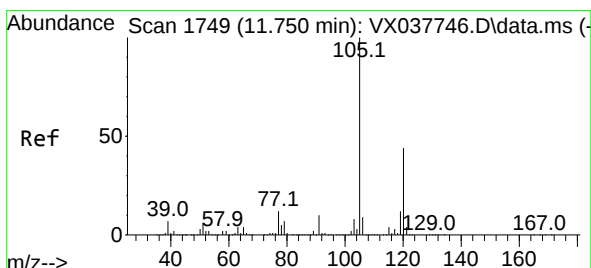
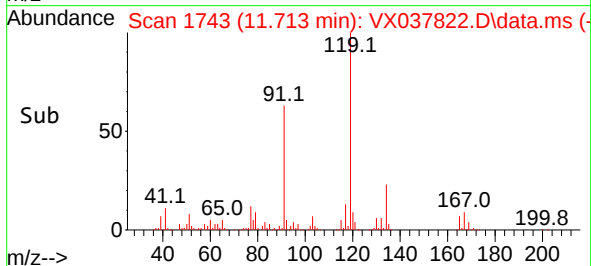
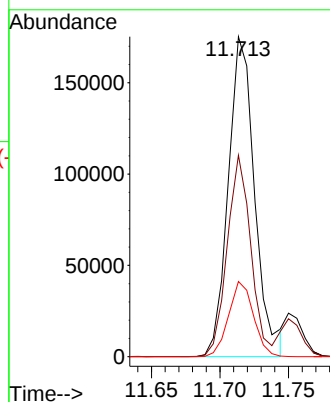
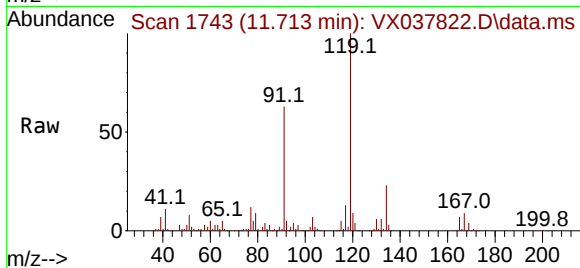
Tgt Ion:	119	Resp:	23486
Ion Ratio	Lower	Upper	
119	100		
91	56.5	31.2	93.6
134	22.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.336 ug/l

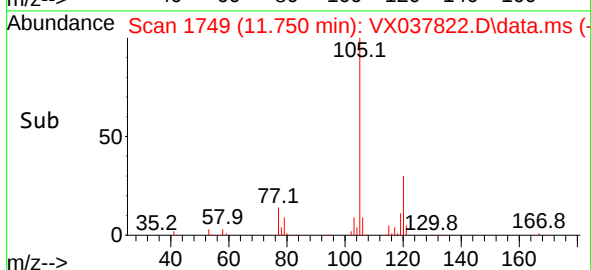
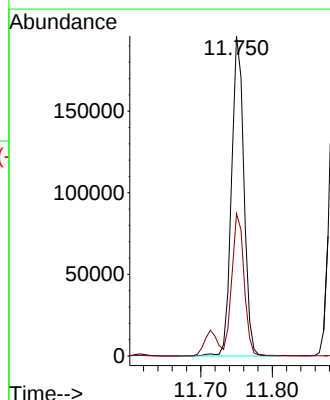
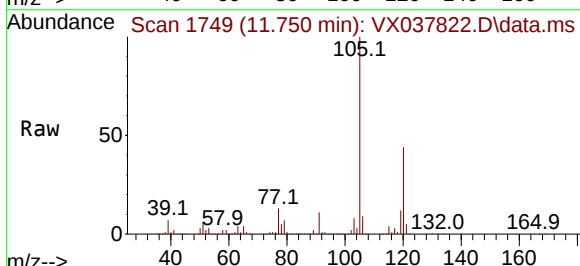
RT: 11.750 min Scan# 1749

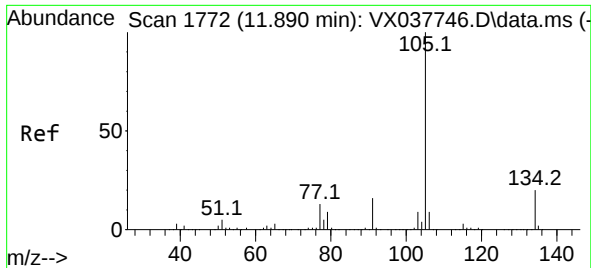
Delta R.T. -0.006 min

Lab File: VX037822.D

Acq: 20 Sep 2023 10:48

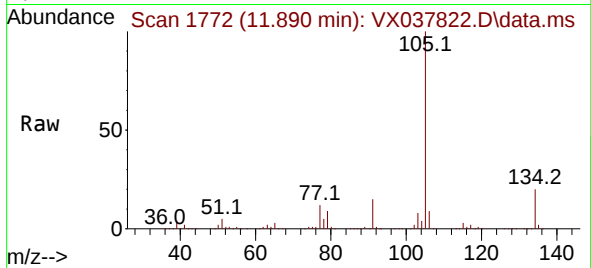
Tgt Ion:	105	Resp:	235648
Ion Ratio	Lower	Upper	
105	100		
120	43.7	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 18.305 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037822.D
 Acq: 20 Sep 2023 10:48

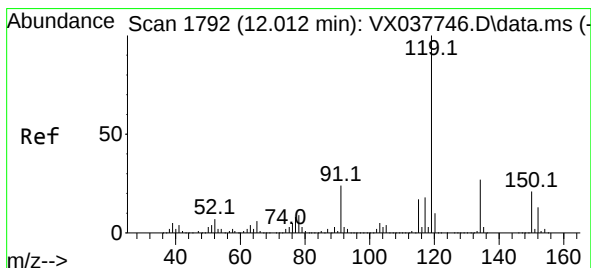
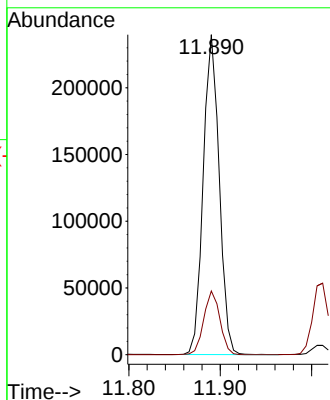
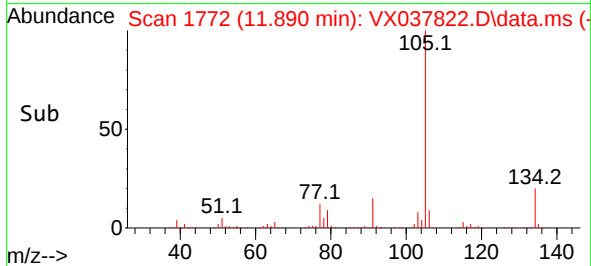
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01



Tgt Ion:105 Resp: 28990
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

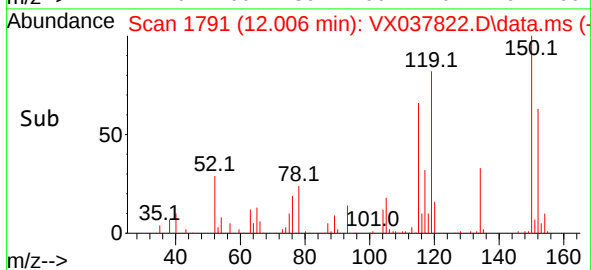
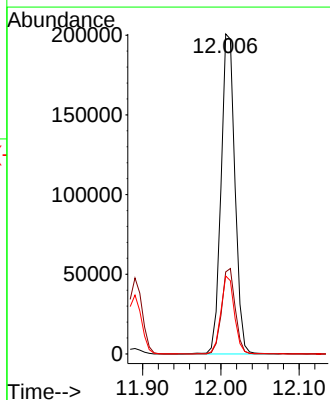
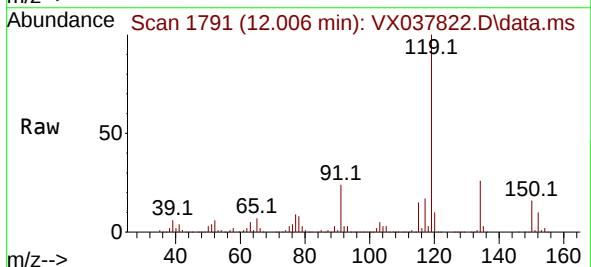
Manual Integrations
 APPROVED

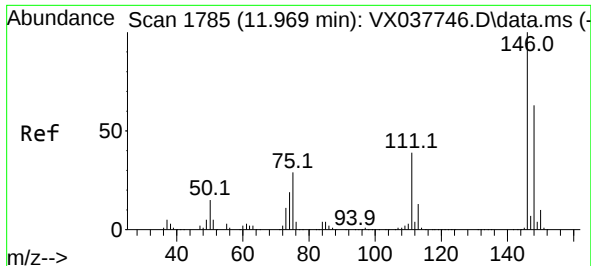
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#86
 p-Isopropyltoluene
 Concen: 18.808 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037822.D
 Acq: 20 Sep 2023 10:48

Tgt Ion:119 Resp: 248177
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.551 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037822.D

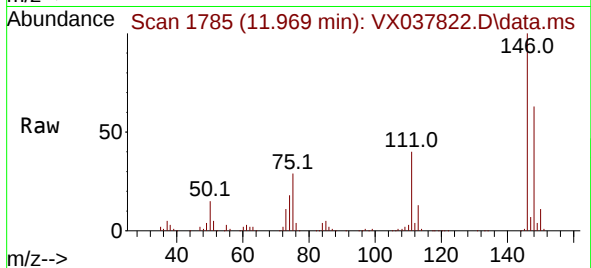
Acq: 20 Sep 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBS01



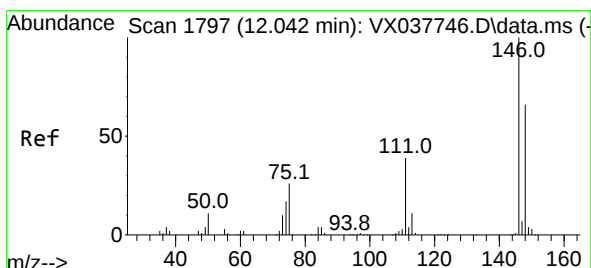
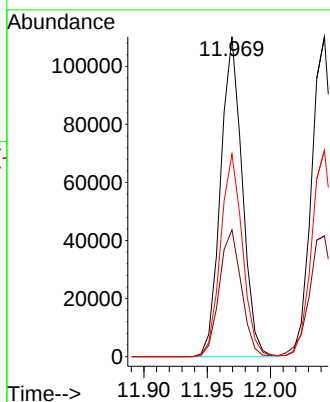
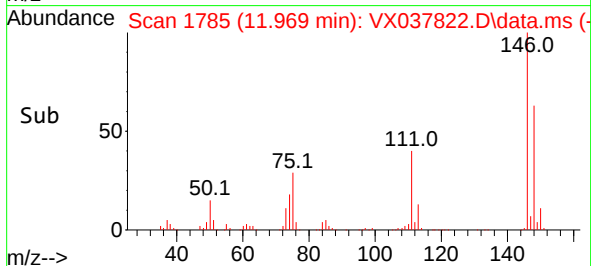
Tgt Ion:146	Resp:	130909
Ion Ratio	Lower	Upper
146	100	
111	40.6	22.1 66.1
148	64.0	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

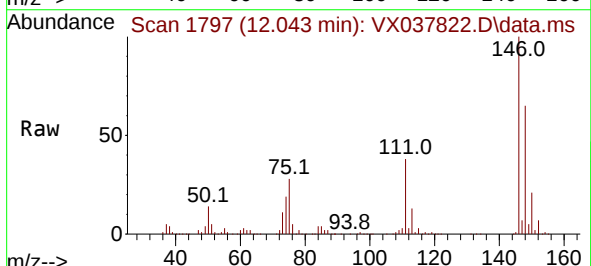
Concen: 18.654 ug/l

RT: 12.043 min Scan# 1797

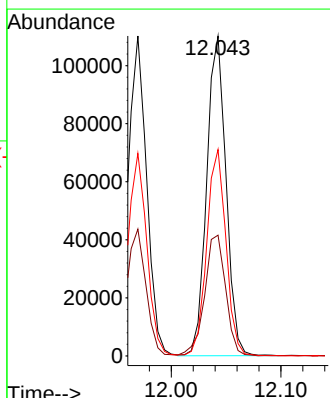
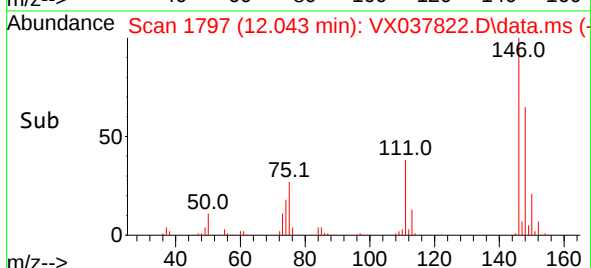
Delta R.T. 0.000 min

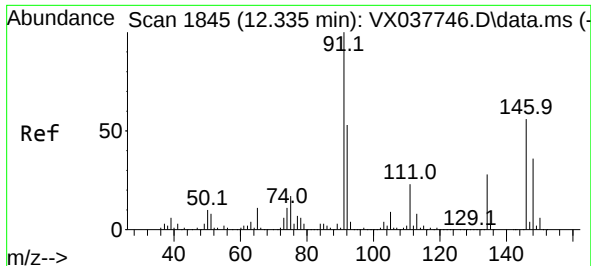
Lab File: VX037822.D

Acq: 20 Sep 2023 10:48



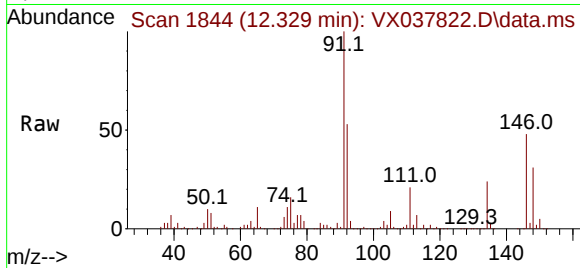
Tgt Ion:146	Resp:	134704
Ion Ratio	Lower	Upper
146	100	
111	41.1	21.3 63.7
148	64.3	31.8 95.4





#89
n-Butylbenzene
Concen: 19.360 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

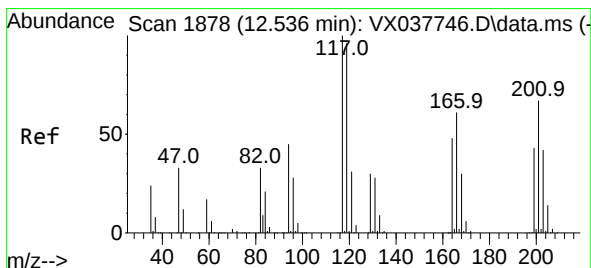
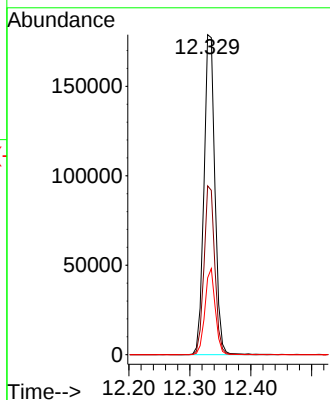
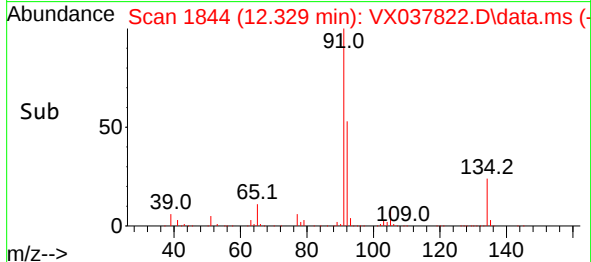
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion: 91 Resp: 22379
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 25.5 12.6 37.8

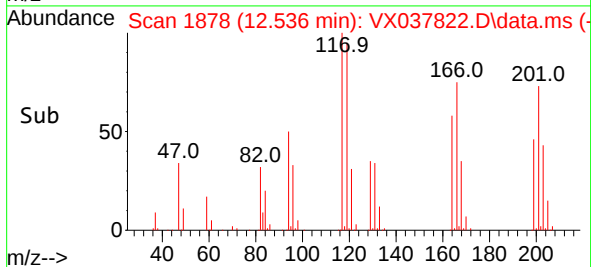
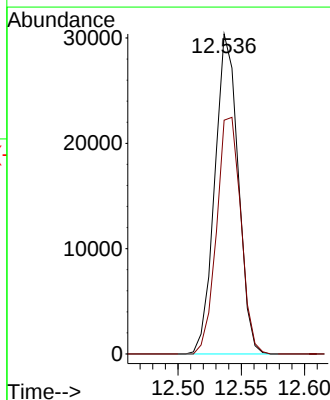
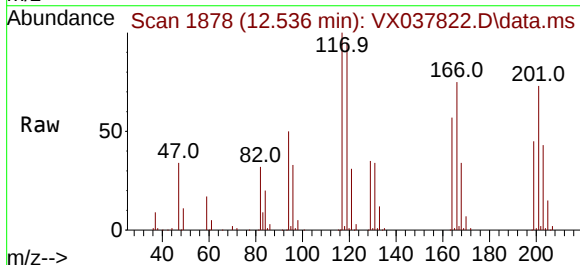
Manual Integrations
APPROVED

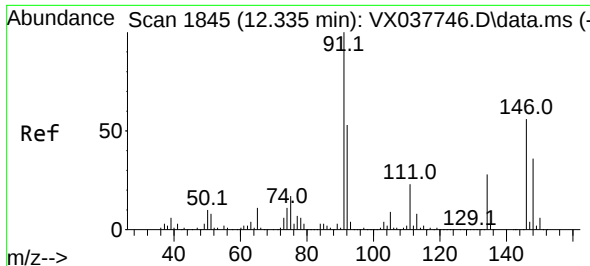
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
Hexachloroethane
Concen: 17.450 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

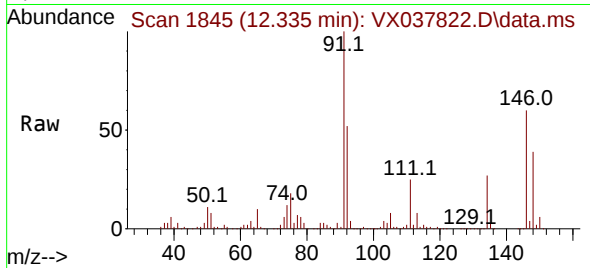
Tgt Ion:117 Resp: 39013
Ion Ratio Lower Upper
117 100
201 76.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.437 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

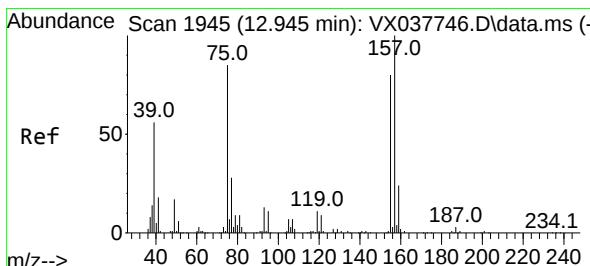
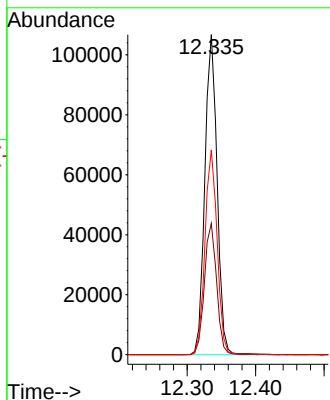
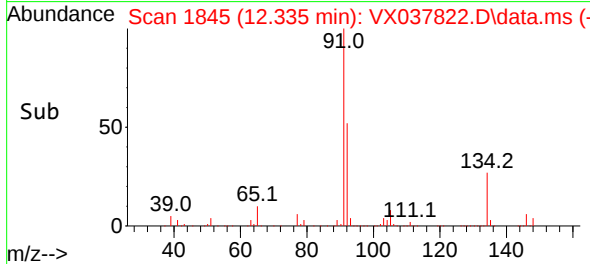
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



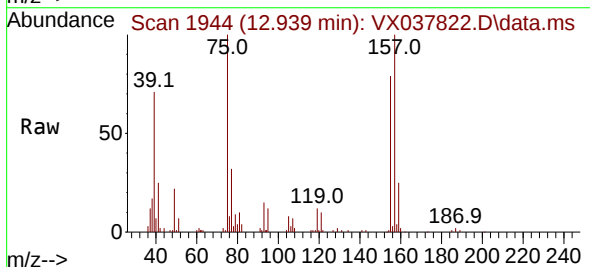
Tgt Ion:146 Resp: 13284
Ion Ratio Lower Upper
146 100
111 40.9 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
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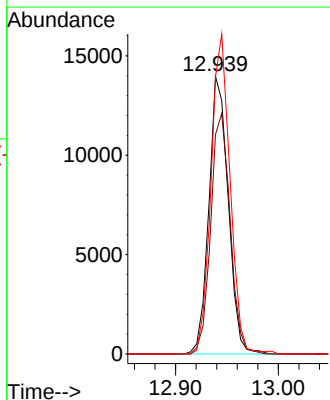
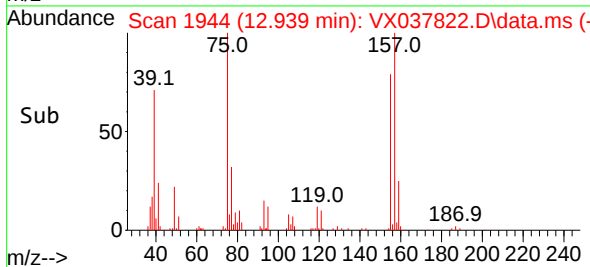
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

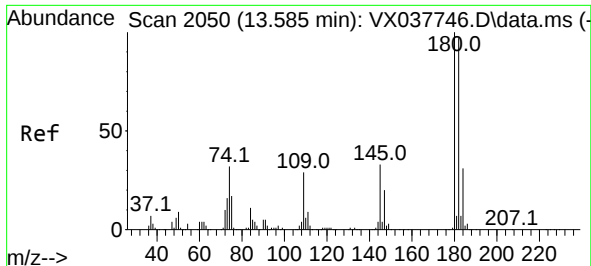


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.085 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



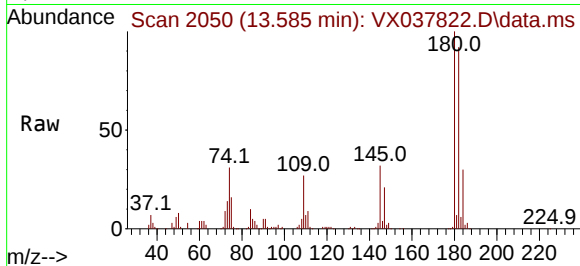
Tgt Ion: 75 Resp: 18320
Ion Ratio Lower Upper
75 100
155 86.7 36.1 108.5
157 113.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.269 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

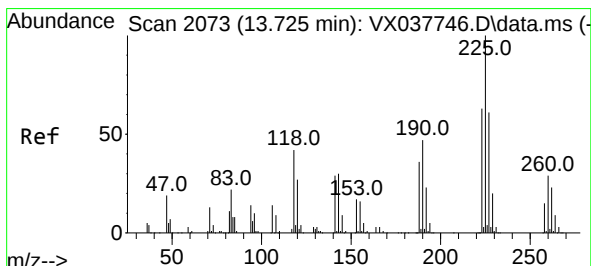
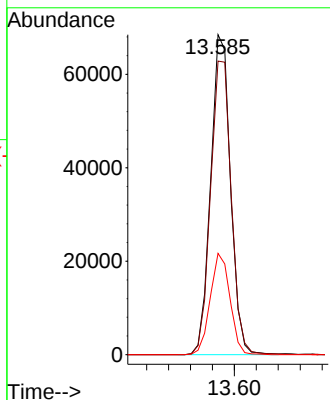
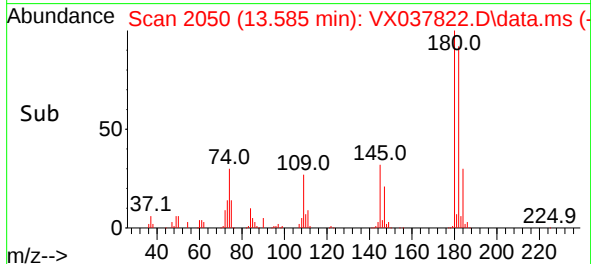
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



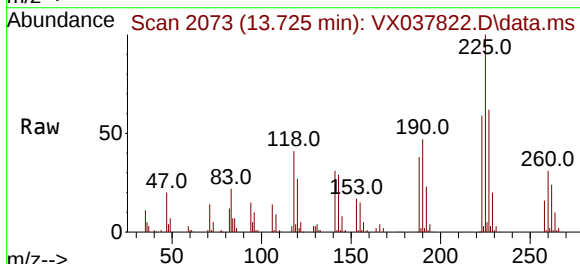
Tgt Ion:180 Resp: 86029
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.8
145 31.5 18.0 54.0

Manual Integrations
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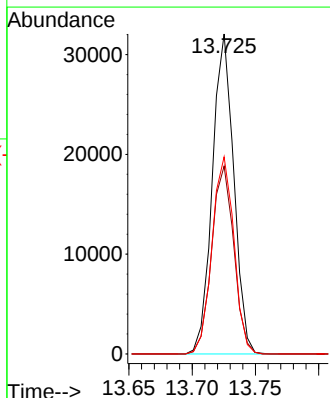
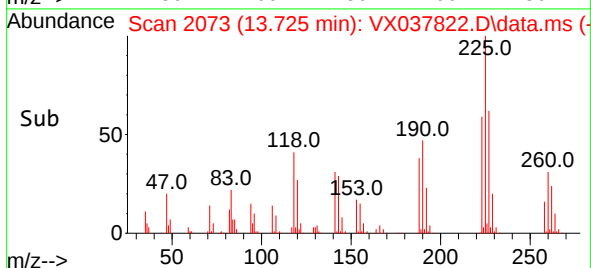
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

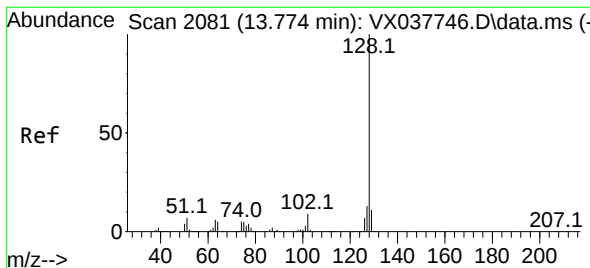


#94
Hexachlorobutadiene
Concen: 19.013 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48



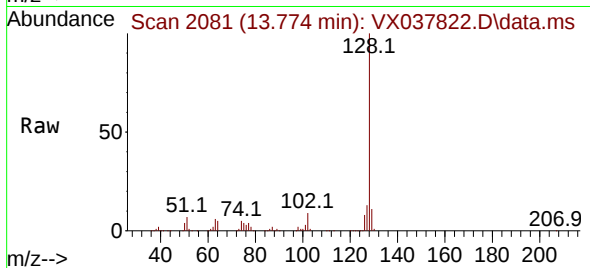
Tgt Ion:225 Resp: 37683
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 18.796 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

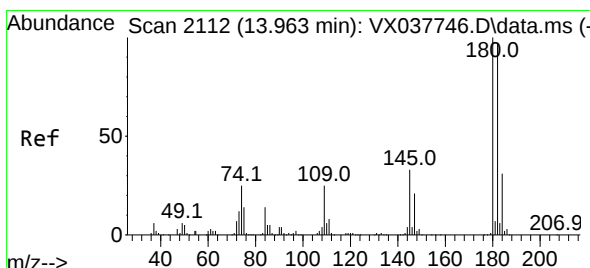
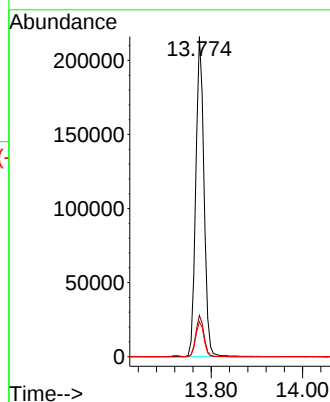
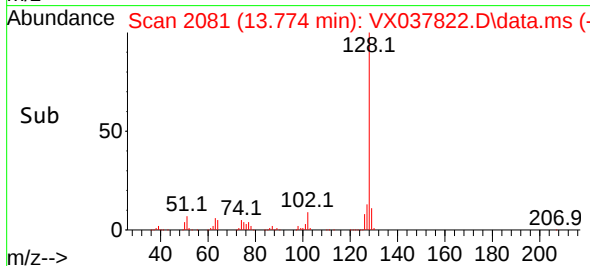
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01



Tgt Ion:128 Resp: 26978
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.492 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037822.D
Acq: 20 Sep 2023 10:48

Tgt Ion:180 Resp: 85133
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 32.7 17.8 53.5

