

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038247.D
 Acq On : 12 Oct 2023 11:24
 Operator : JC/MD
 Sample : VX1012WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

Quant Time: Oct 13 04:44:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102166	48.881	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.760%		
35) Dibromofluoromethane	5.385	113	78722	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.647	98	300508	48.761	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	115717	49.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	24709	19.699	ug/l	96
3) Chloromethane	1.301	50	24201	18.930	ug/l	95
4) Vinyl Chloride	1.374	62	29109	20.536	ug/l	97
5) Bromomethane	1.605	94	31050	16.101	ug/l	99
6) Chloroethane	1.685	64	23298	22.796	ug/l	95
7) Trichlorofluoromethane	1.886	101	60793	21.714	ug/l	100
8) Diethyl Ether	2.136	74	22730	21.768	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	24331	19.907	ug/l	97
10) Methyl Iodide	2.453	142	33680	19.152	ug/l	95
11) Tert butyl alcohol	2.959	59	42852	85.583	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	23340	19.631	ug/l	89
13) Acrolein	2.233	56	27671	93.127	ug/l	99
14) Allyl chloride	2.666	41	38760	18.227	ug/l	93
15) Acrylonitrile	3.063	53	95120	100.003	ug/l	100
16) Acetone	2.380	43	93265	106.918	ug/l	92
17) Carbon Disulfide	2.514	76	54650	15.949	ug/l #	95
18) Methyl Acetate	2.703	43	77472	20.710	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	91707	19.368	ug/l	97
20) Methylene Chloride	2.788	84	29938	18.246	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28061	19.063	ug/l	92
22) Diisopropyl ether	3.758	45	86284	19.360	ug/l	95
23) Vinyl Acetate	3.721	43	313881	96.033	ug/l	97
24) 1,1-Dichloroethane	3.611	63	51522	19.048	ug/l	100
25) 2-Butanone	4.556	43	140115	99.553	ug/l	92
26) 2,2-Dichloropropane	4.483	77	38102	18.043	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	34083	19.441	ug/l	90
28) Bromochloromethane	4.898	49	25859	21.178	ug/l	89
29) Tetrahydrofuran	5.007	42	87551	95.545	ug/l #	88
30) Chloroform	5.093	83	60014	20.290	ug/l	97
31) Cyclohexane	5.471	56	40154	17.732	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	48664	19.209	ug/l	99
36) 1,1-Dichloropropene	5.696	75	40453	18.189	ug/l	96
37) Ethyl Acetate	4.715	43	50213	19.011	ug/l	97
38) Carbon Tetrachloride	5.678	117	39888	18.232	ug/l	98
39) Methylcyclohexane	7.385	83	46742	17.943	ug/l	91
40) Benzene	6.038	78	121492	19.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25216	19.191	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	48274	19.424	ug/l	99
43) Isopropyl Acetate	6.342	43	73923	18.748	ug/l	98
44) Trichloroethene	7.129	130	30651	18.839	ug/l	100
45) 1,2-Dichloropropane	7.428	63	32086	19.930	ug/l	98
46) Dibromomethane	7.580	93	25046	20.058	ug/l	97
47) Bromodichloromethane	7.824	83	44644	20.098	ug/l	99
48) Methyl methacrylate	7.696	41	36603	19.445	ug/l	87
49) 1,4-Dioxane	7.659	88	19312	416.339	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	280494	103.132	ug/l	99
52) Toluene	8.720	92	80221	19.798	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	44124	18.505	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	47877	19.112	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	35163	20.288	ug/l	96
56) Ethyl methacrylate	9.116	69	50437	18.980	ug/l	92
57) 1,3-Dichloropropane	9.305	76	56023	19.986	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	128256	98.327	ug/l	99
59) 2-Hexanone	9.427	43	226639	103.655	ug/l	96
60) Dibromochloromethane	9.525	129	34571	20.381	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37736	20.134	ug/l	100
64) Tetrachloroethene	9.275	164	26766	18.297	ug/l	97
65) Chlorobenzene	10.080	112	89537	18.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31871	19.932	ug/l	97
67) Ethyl Benzene	10.195	91	156791	18.576	ug/l	100
68) m/p-Xylenes	10.299	106	121184	37.132	ug/l	99
69) o-Xylene	10.640	106	58303	18.304	ug/l	98
70) Styrene	10.653	104	98083	18.909	ug/l	97
71) Bromoform	10.799	173	24582	18.487	ug/l #	99
73) Isopropylbenzene	10.964	105	155283	18.764	ug/l	99
74) N-amyl acetate	10.842	43	65599	18.562	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	62750	20.664	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	56896m	20.281	ug/l	
77) Bromobenzene	11.195	156	39914	19.755	ug/l	91
78) n-propylbenzene	11.305	91	187870	18.566	ug/l	99
79) 2-Chlorotoluene	11.366	91	111272	18.542	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	135724	19.010	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	14635	18.038	ug/l	96
82) 4-Chlorotoluene	11.457	91	130389	18.361	ug/l	97
83) tert-Butylbenzene	11.713	119	128691	18.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134316	18.868	ug/l	99
85) sec-Butylbenzene	11.890	105	168370	18.631	ug/l	99
86) p-Isopropyltoluene	12.006	119	139094	18.655	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	76109	18.755	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	77952	18.815	ug/l	99
89) n-Butylbenzene	12.335	91	131165	17.664	ug/l	97
90) Hexachloroethane	12.536	117	22501	18.201	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	74755	19.164	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14443	19.671	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	48811	18.656	ug/l	98
94) Hexachlorobutadiene	13.725	225	20236	19.217	ug/l	96
95) Naphthalene	13.774	128	167663	18.402	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47898	18.907	ug/l	99

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

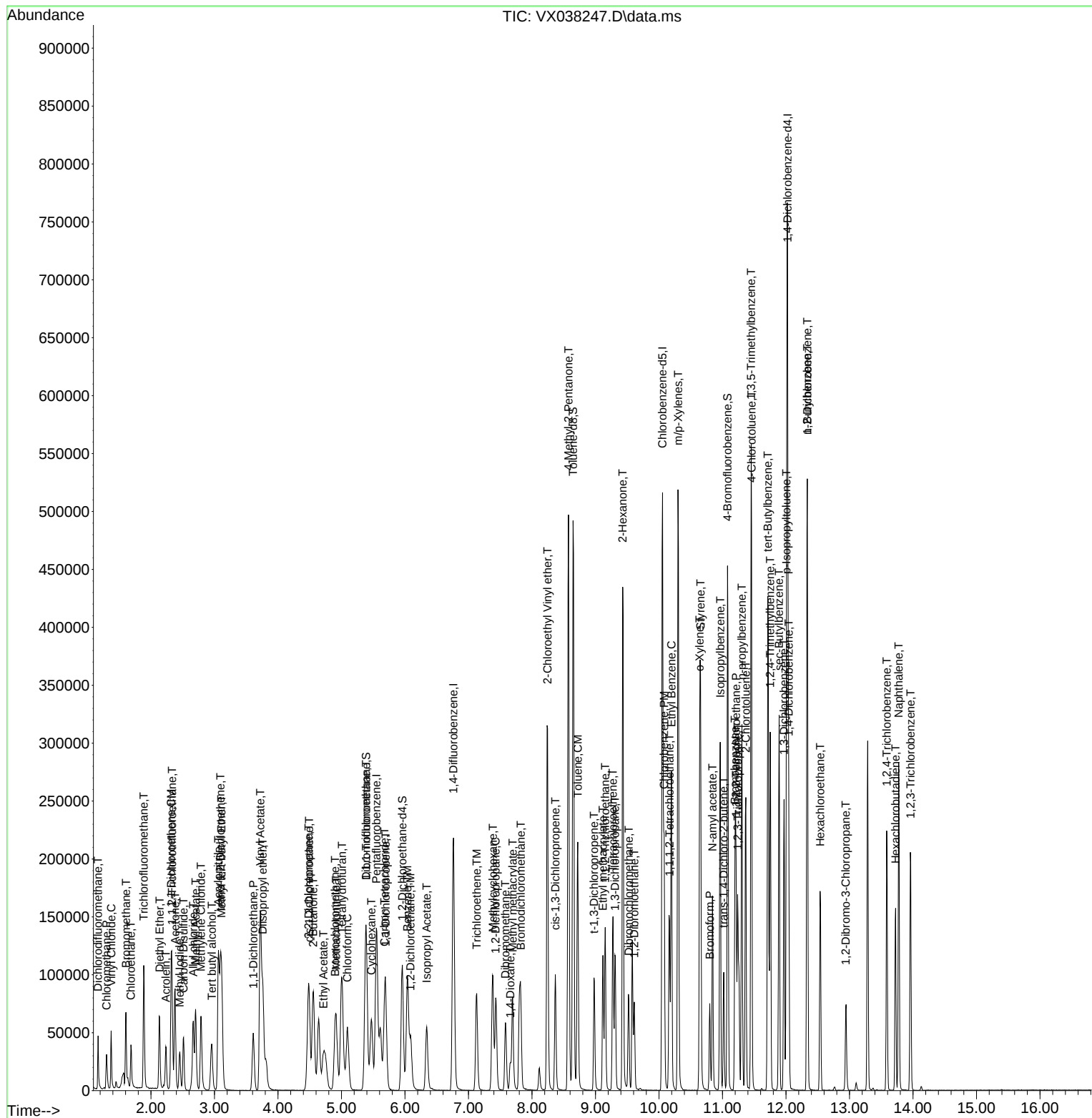
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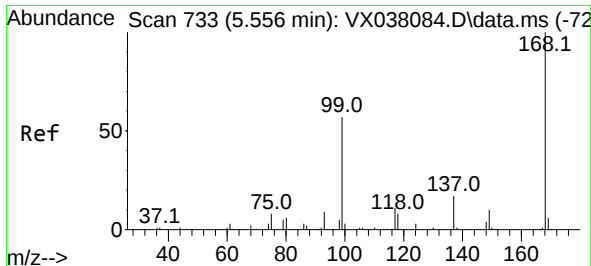
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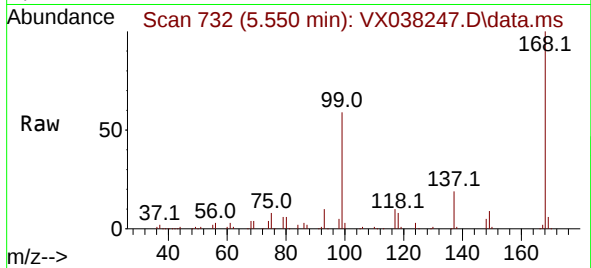
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

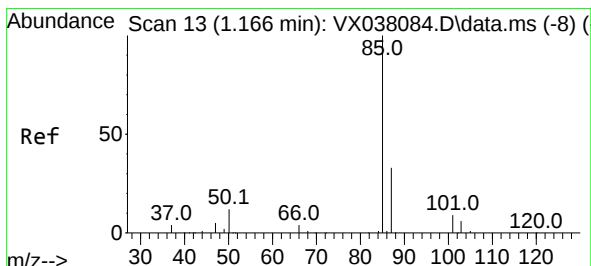
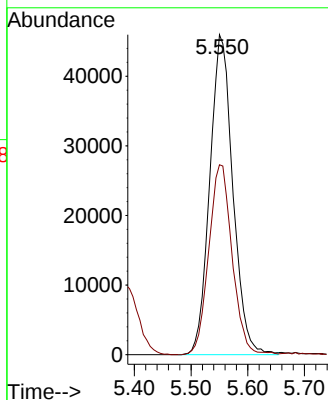
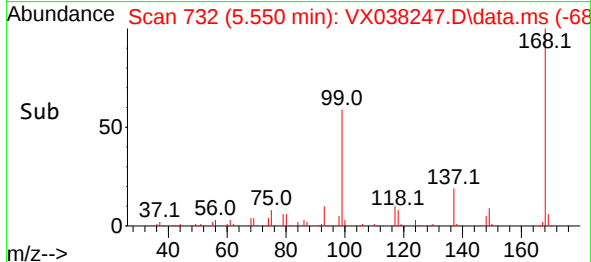
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion:168 Resp: 12994
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0

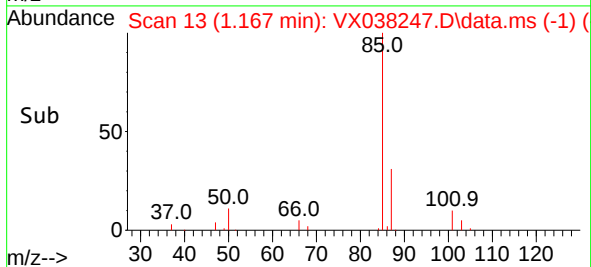
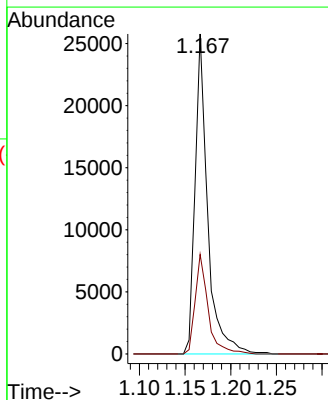
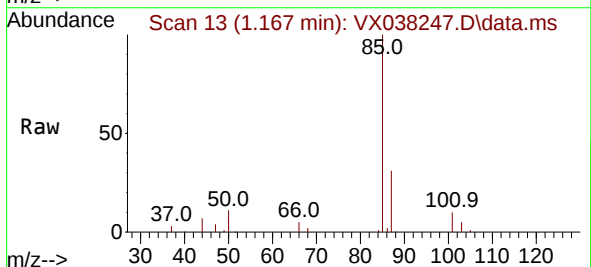
Manual Integrations
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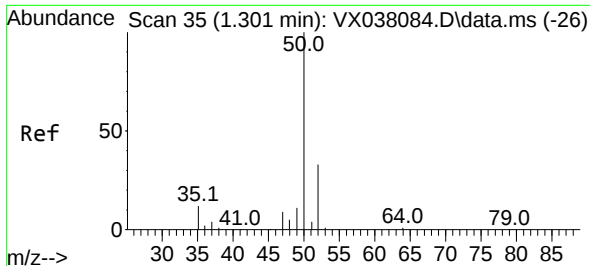
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 19.699 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

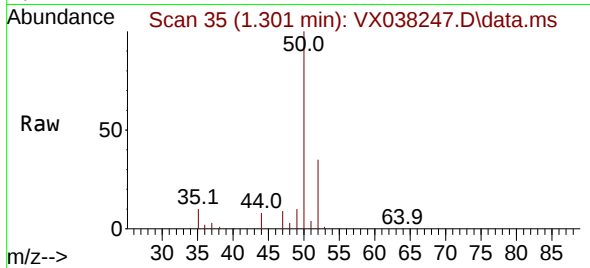
Tgt Ion: 85 Resp: 24709
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





#3
Chloromethane
Concen: 18.930 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

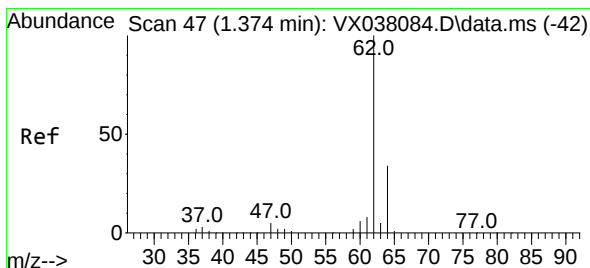
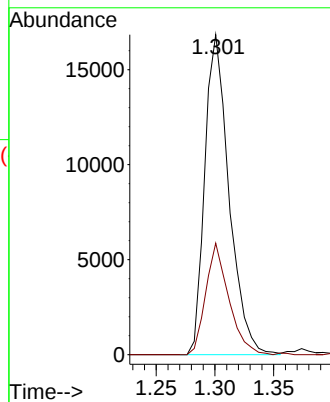
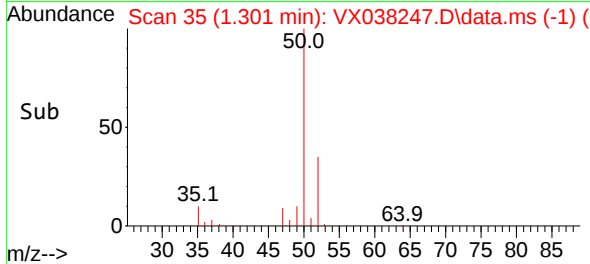
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2420
Ion Ratio Lower Upper
50 100
52 34.9 25.5 38.3

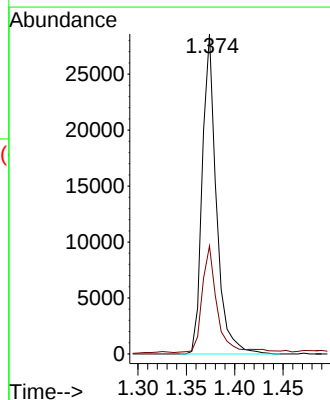
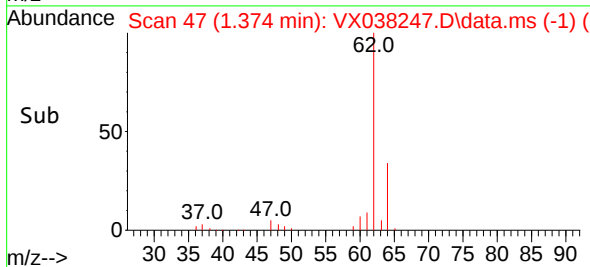
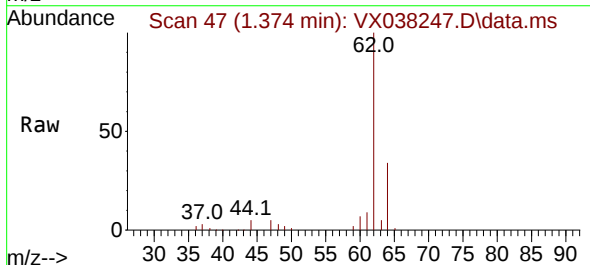
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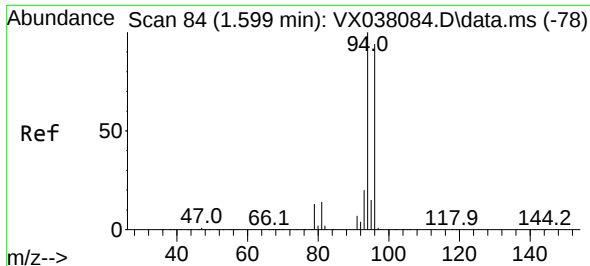
Reviewed By :John Carlone 10/13/2023
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#4
Vinyl Chloride
Concen: 20.536 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

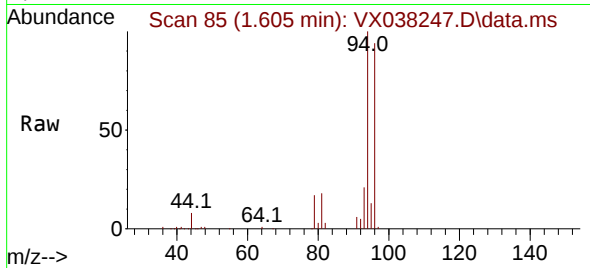
Tgt Ion: 62 Resp: 29109
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0





#5
Bromomethane
Concen: 16.101 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

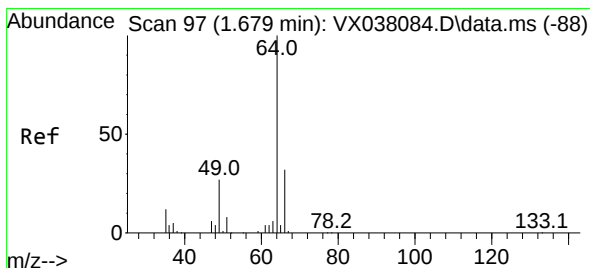
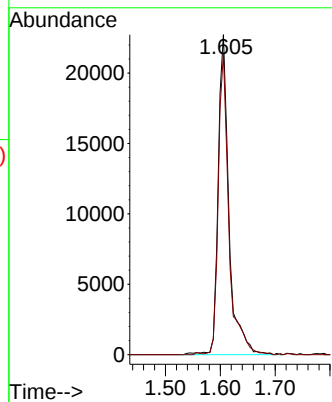
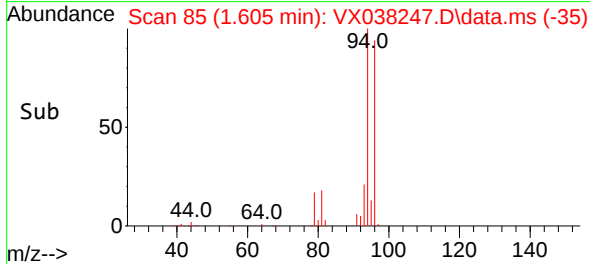
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Tgt Ion: 94 Resp: 31050
Ion Ratio Lower Upper
94 100
96 94.0 74.6 111.8

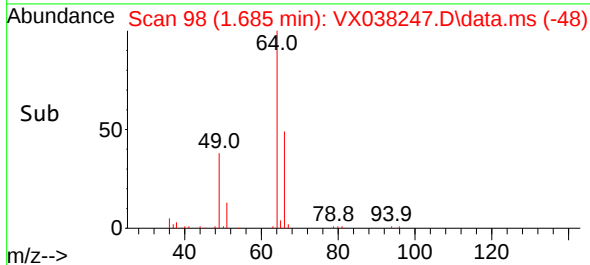
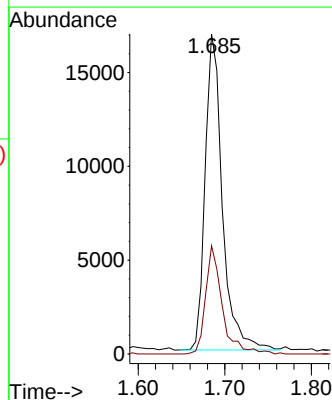
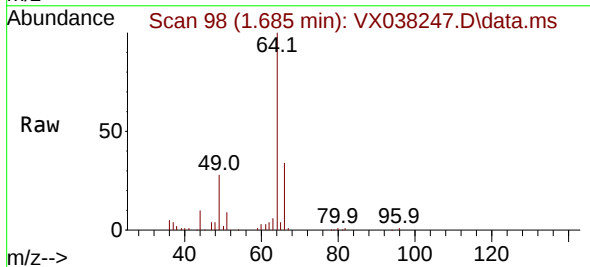
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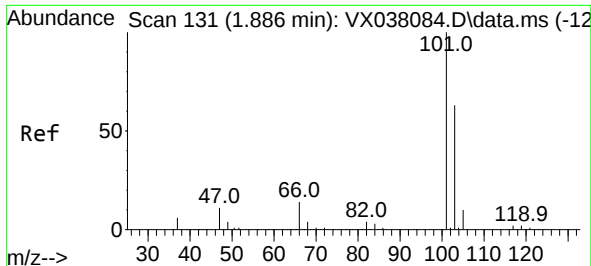
Reviewed By :John Carlone 10/13/2023
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#6
Chloroethane
Concen: 22.796 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

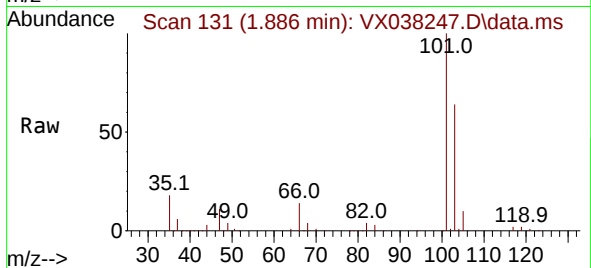
Tgt Ion: 64 Resp: 23298
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 21.714 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

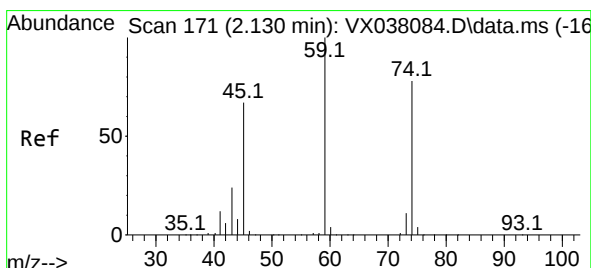
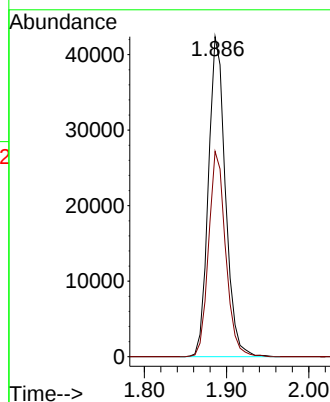
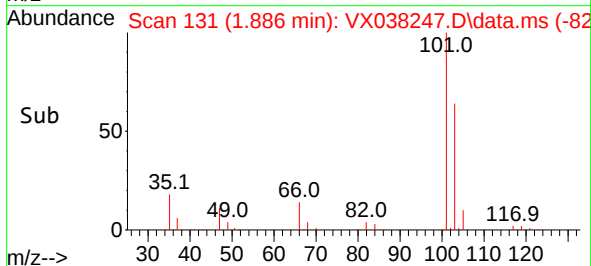
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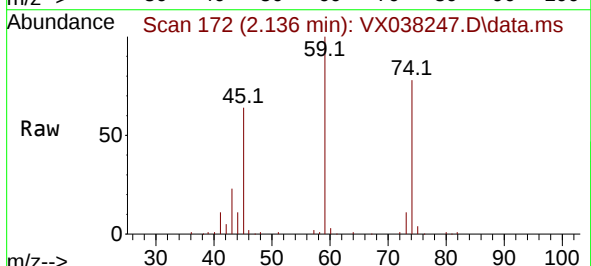
Tgt Ion:101 Resp: 6079
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

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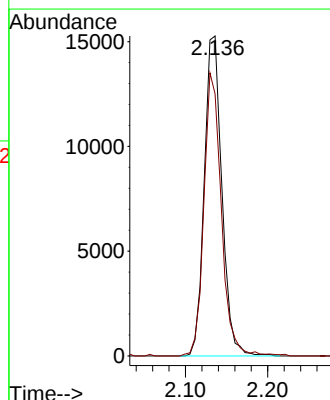
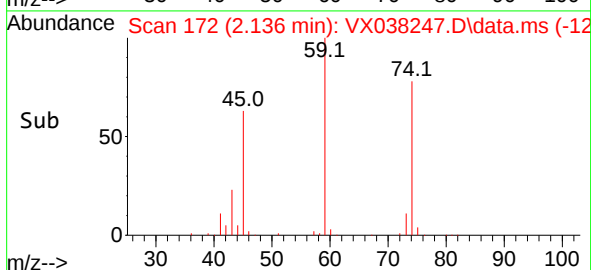
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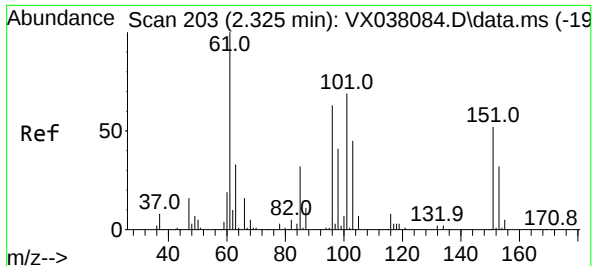


#8
Diethyl Ether
Concen: 21.768 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



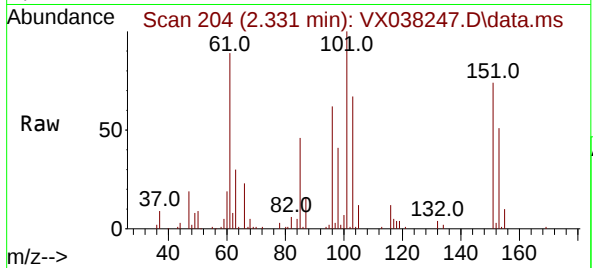
Tgt Ion: 74 Resp: 22730
Ion Ratio Lower Upper
74 100
45 87.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.907 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

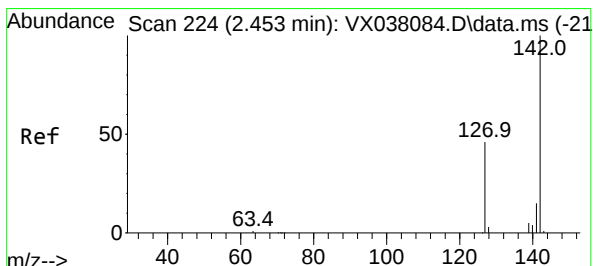
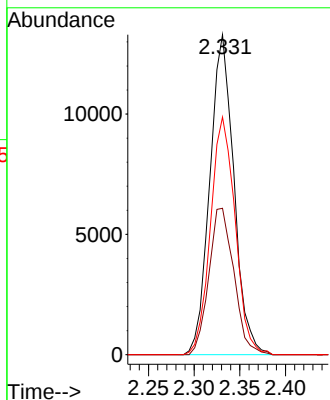
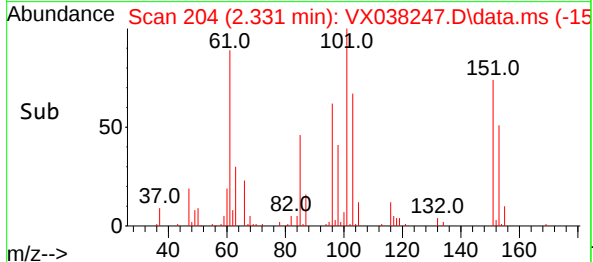
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion:101 Resp: 2433
Ion Ratio Lower Upper
101 100
85 47.6 37.0 55.6
151 76.2 58.6 87.8

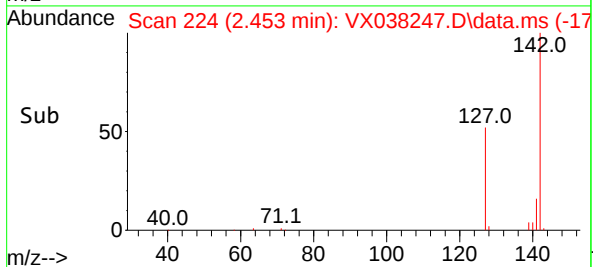
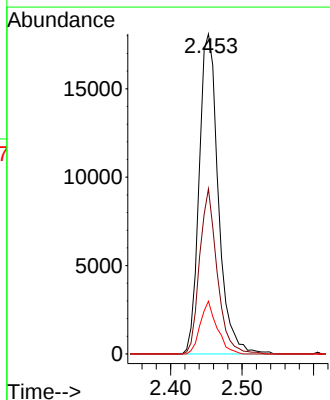
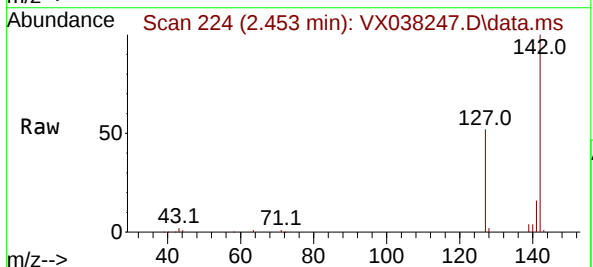
Manual Integrations
APPROVED

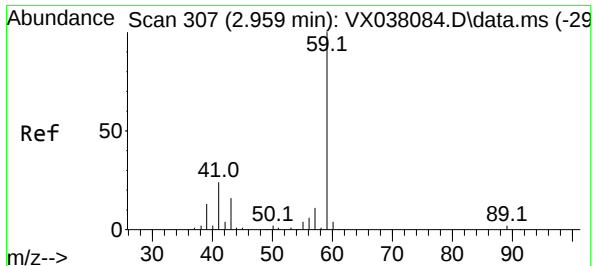
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 19.152 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion:142 Resp: 33680
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 85.583 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 59 Resp: 4285

Ion Ratio Lower Upper

59 100

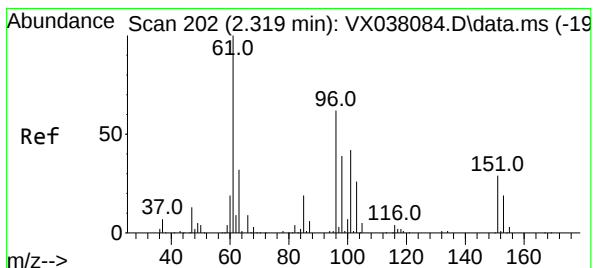
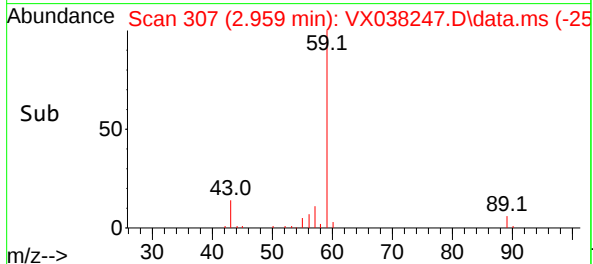
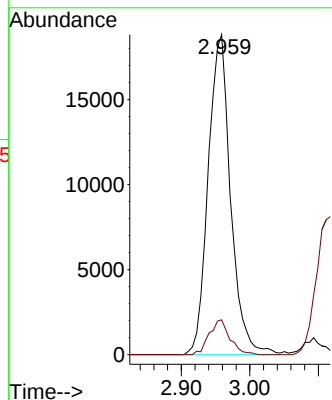
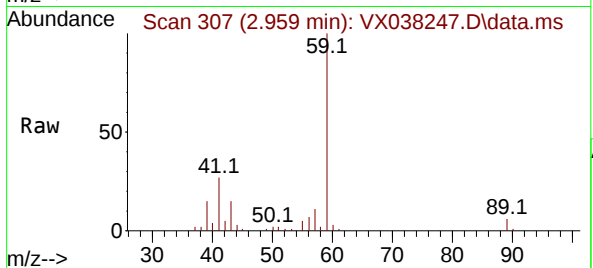
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#12

1,1-Dichloroethene

Concen: 19.631 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

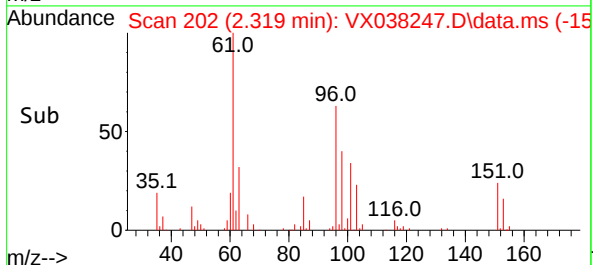
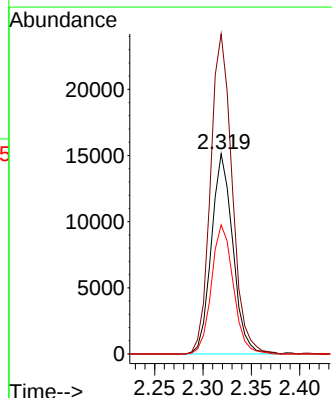
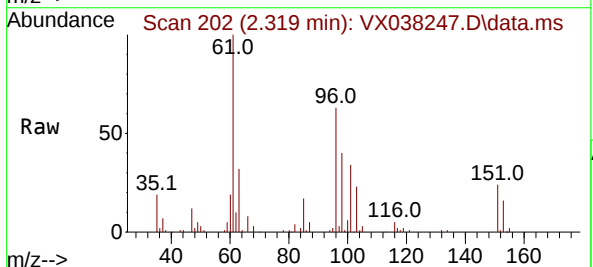
Tgt Ion: 96 Resp: 23340

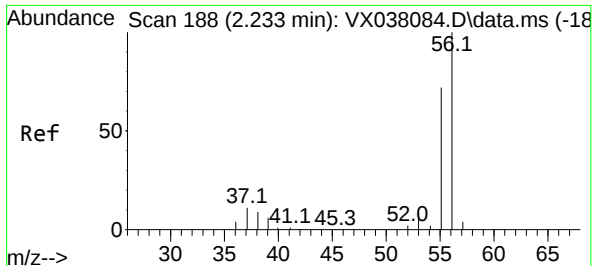
Ion Ratio Lower Upper

96 100

61 159.9 144.6 216.8

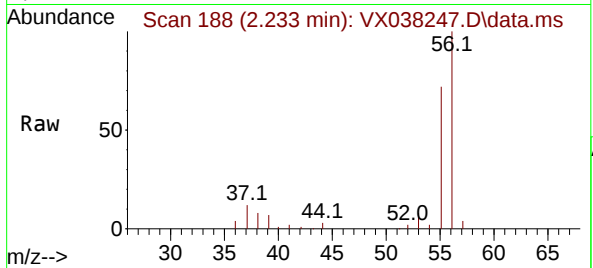
98 64.5 50.4 75.6





#13
Acrolein
Concen: 93.127 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

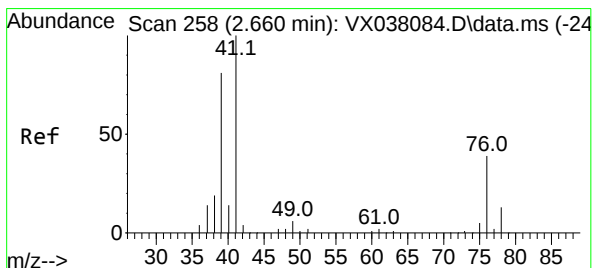
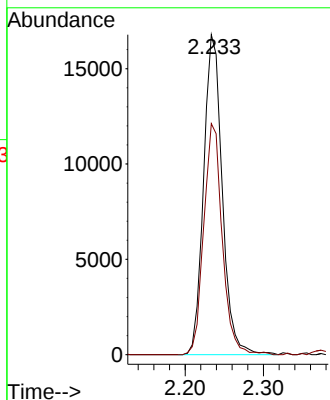
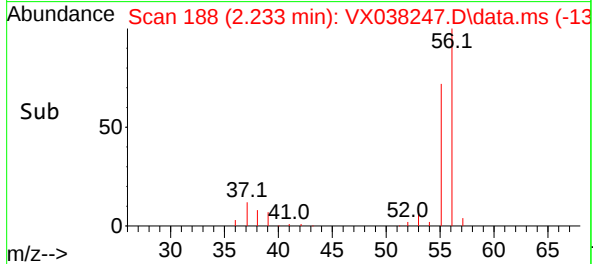
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



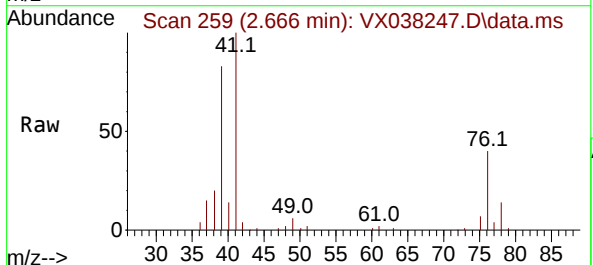
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

Manual Integrations
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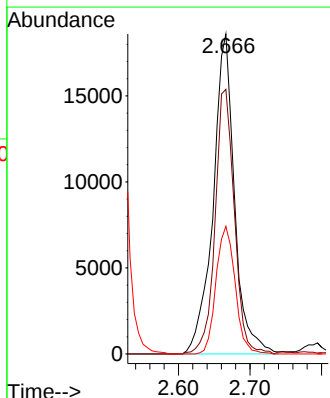
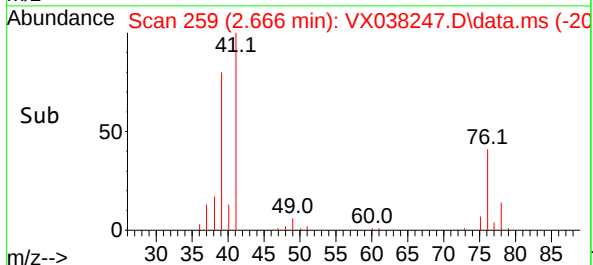
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

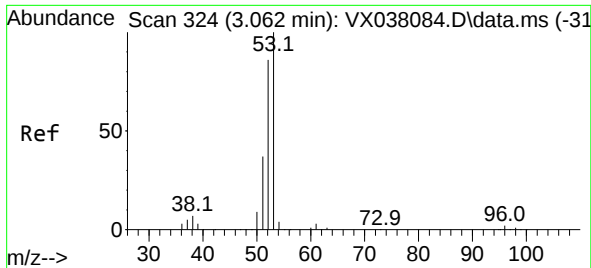


#14
Allyl chloride
Concen: 18.227 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



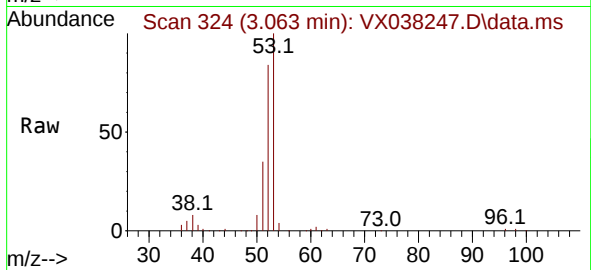
Tgt Ion: 41 Resp: 38760
Ion Ratio Lower Upper
41 100
39 74.2 55.8 83.6
76 35.6 24.3 36.5





#15
Acrylonitrile
Concen: 100.003 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

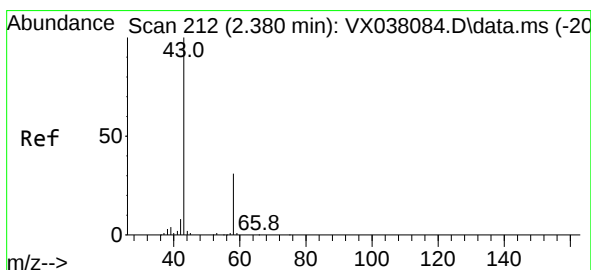
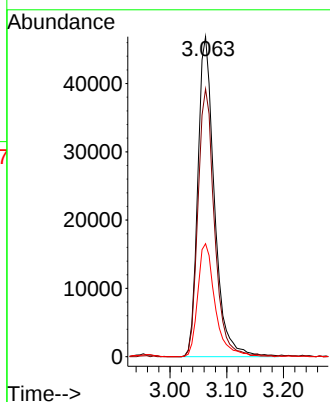
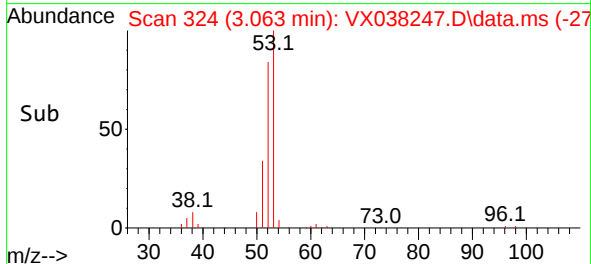
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 53 Resp: 95120
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 37.1 29.8 44.6

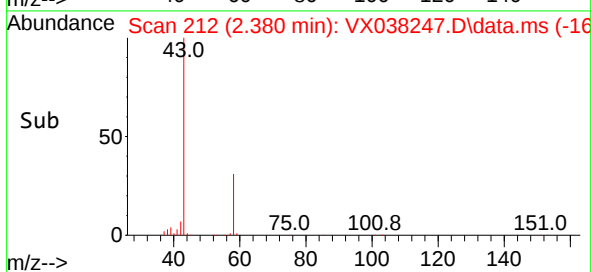
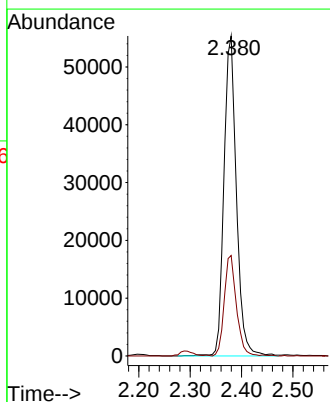
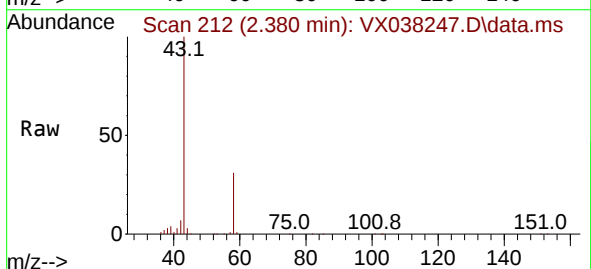
Manual Integrations
APPROVED

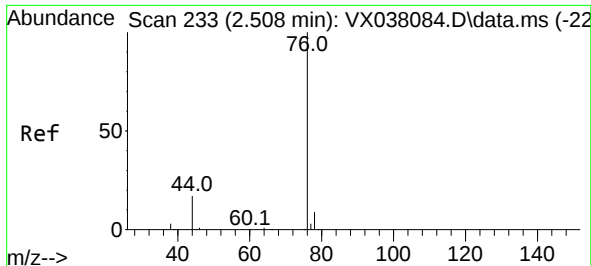
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#16
Acetone
Concen: 106.918 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 43 Resp: 93265
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#17

Carbon Disulfide

Concen: 15.949 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 76 Resp: 54650

Ion Ratio Lower Upper

76 100

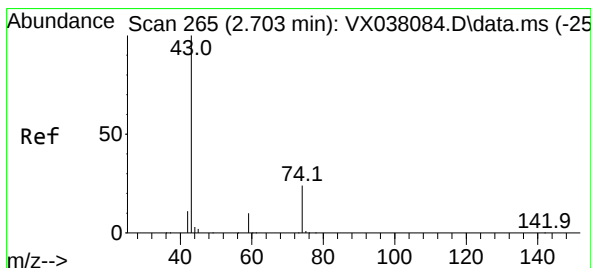
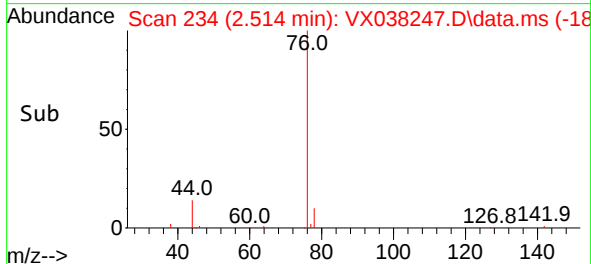
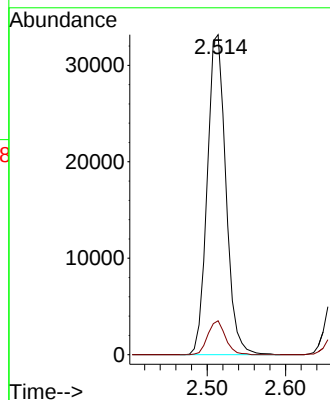
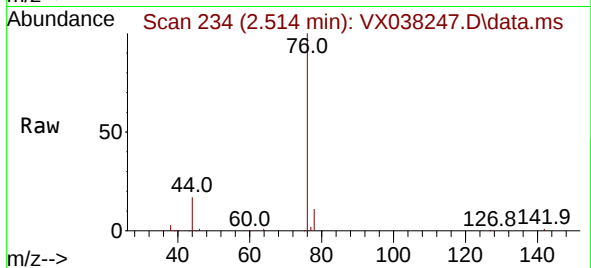
78 10.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#18

Methyl Acetate

Concen: 20.710 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038247.D

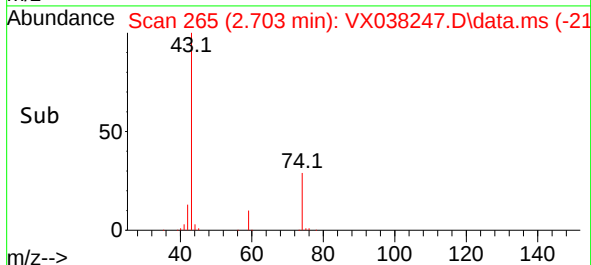
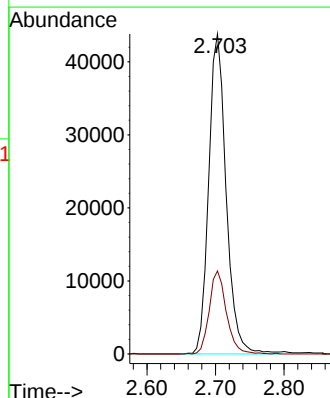
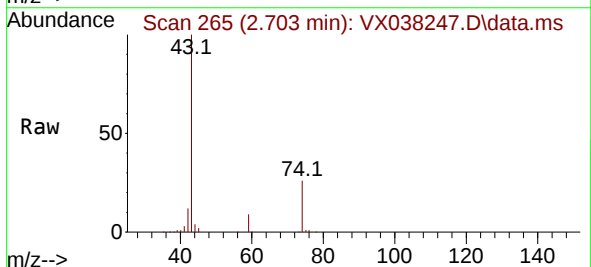
Acq: 12 Oct 2023 11:24

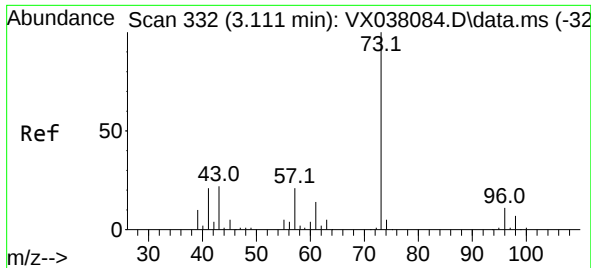
Tgt Ion: 43 Resp: 77472

Ion Ratio Lower Upper

43 100

74 25.5 17.8 26.8





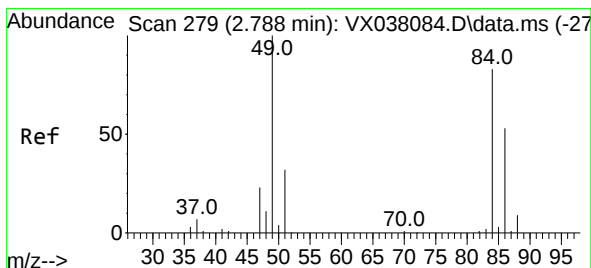
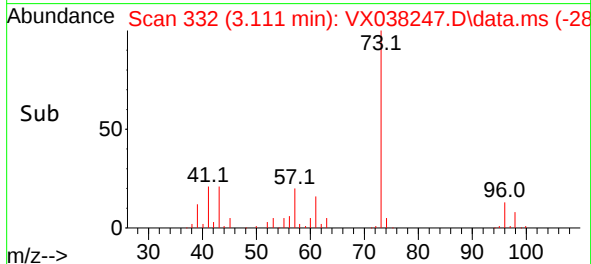
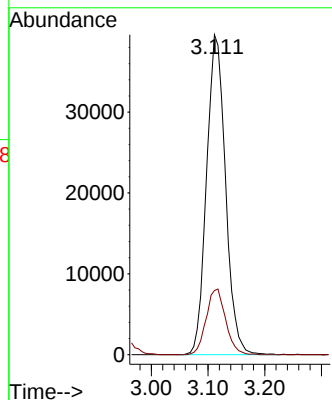
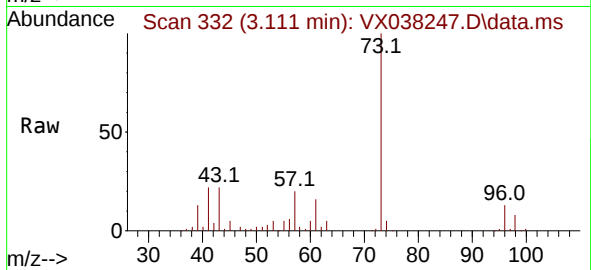
#19
Methyl tert-butyl Ether
Concen: 19.368 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 73 Resp: 9170
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

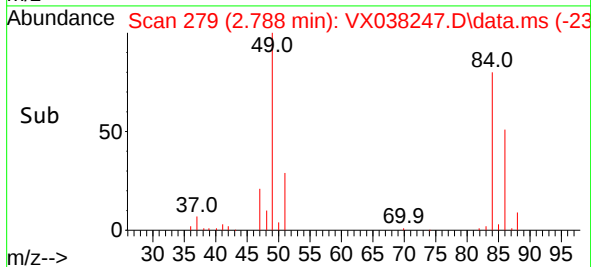
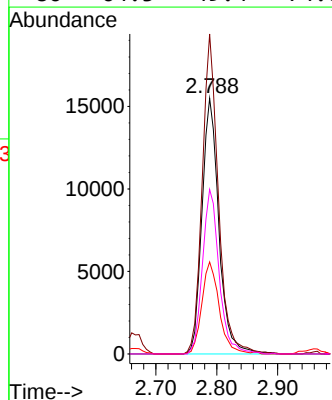
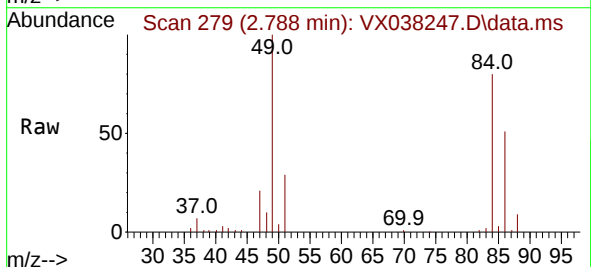
Manual Integrations
APPROVED

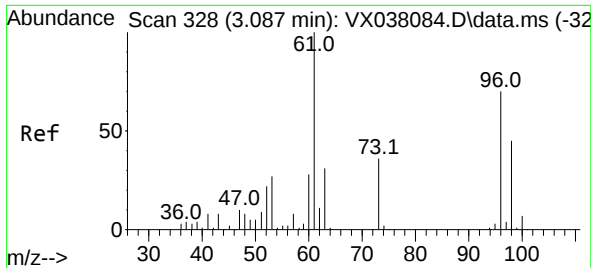
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 18.246 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

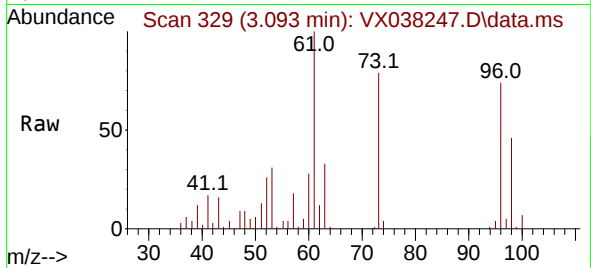
Tgt Ion: 84 Resp: 29938
Ion Ratio Lower Upper
84 100
49 125.2 103.6 155.4
51 36.0 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.063 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

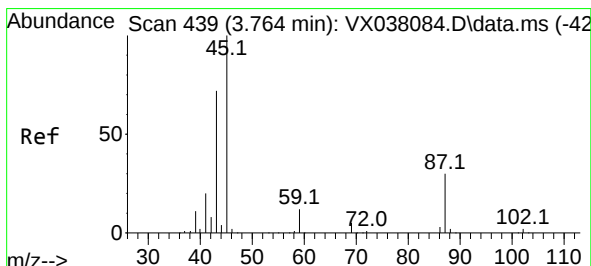
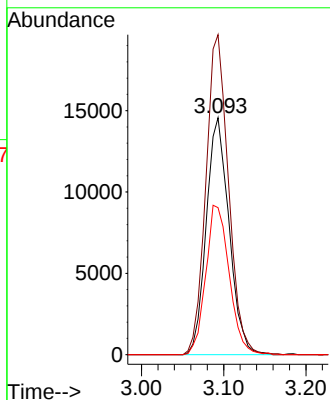
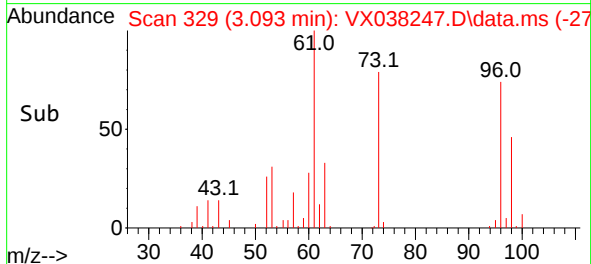
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 96 Resp: 2806
Ion Ratio Lower Upper
96 100
61 135.0 119.2 178.8
98 62.0 48.7 73.1

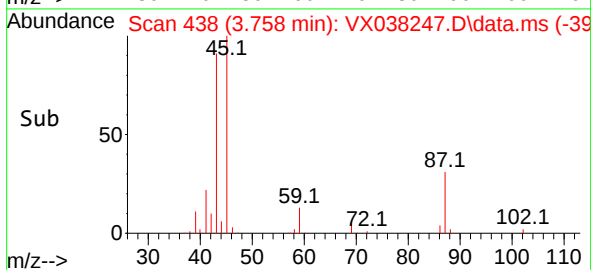
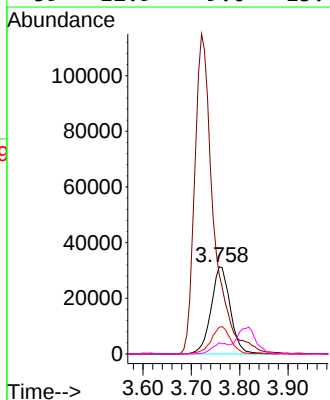
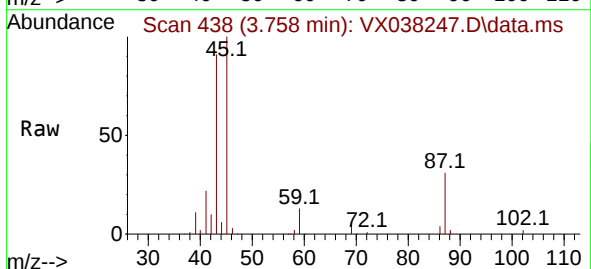
Manual Integrations
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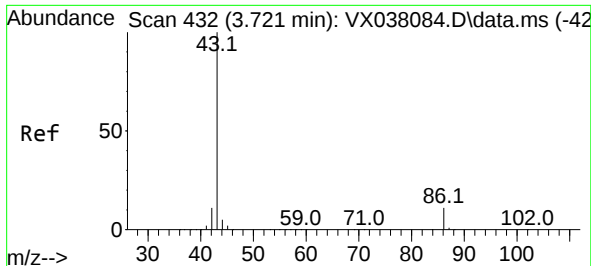
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#22
Diisopropyl ether
Concen: 19.360 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 45 Resp: 86284
Ion Ratio Lower Upper
45 100
43 91.1 69.7 104.5
87 30.6 20.8 31.2
59 12.9 9.0 13.4





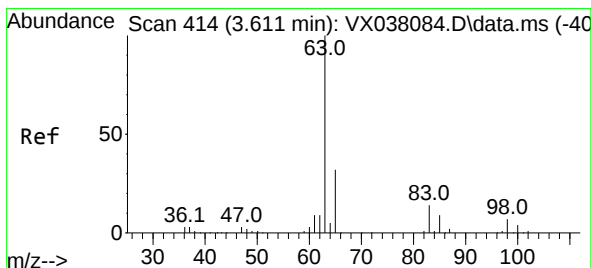
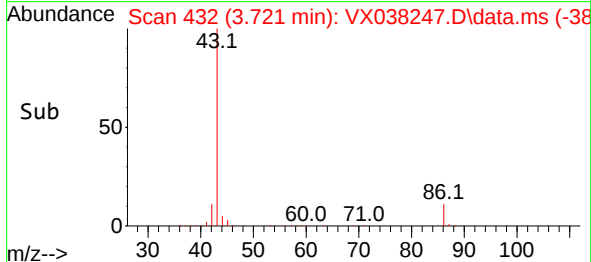
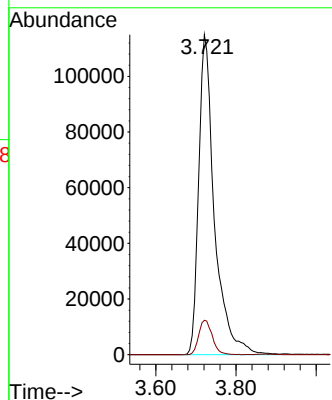
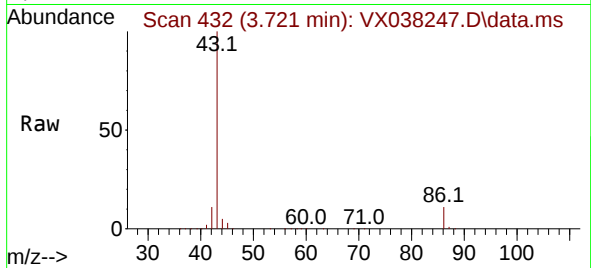
#23
 Vinyl Acetate
 Concen: 96.033 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Tgt Ion: 43 Resp: 31388
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

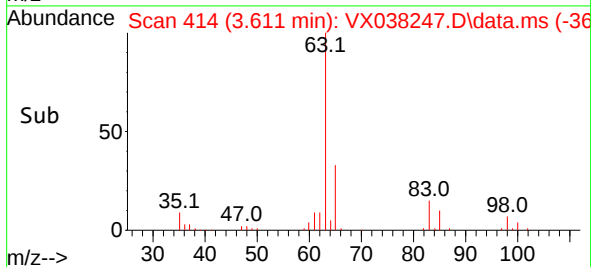
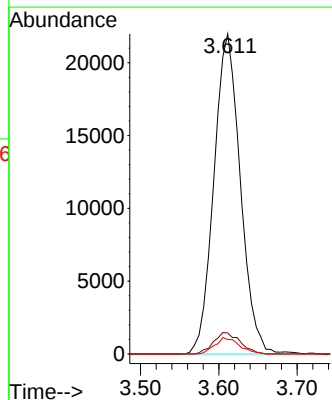
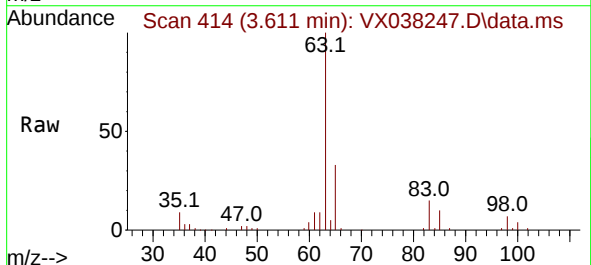
Manual Integrations
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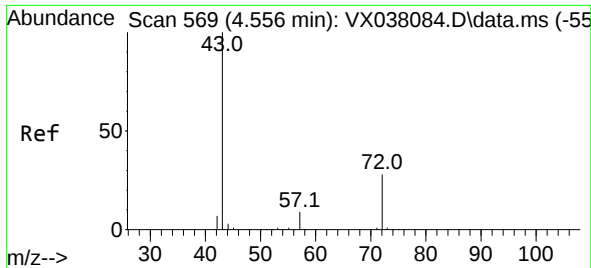
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 19.048 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24

Tgt Ion: 63 Resp: 51522
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.5 2.1 6.5





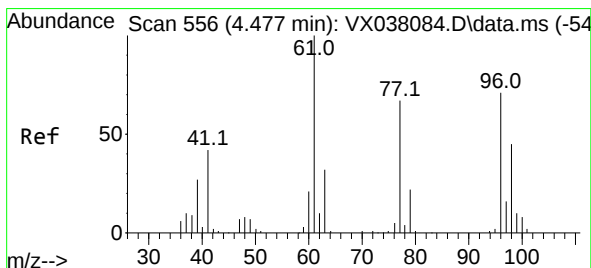
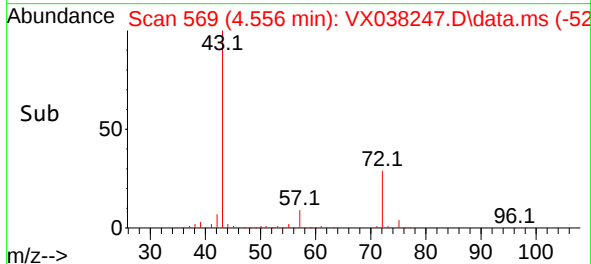
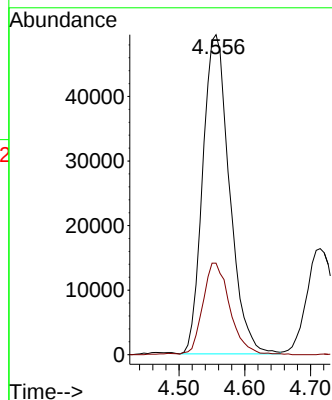
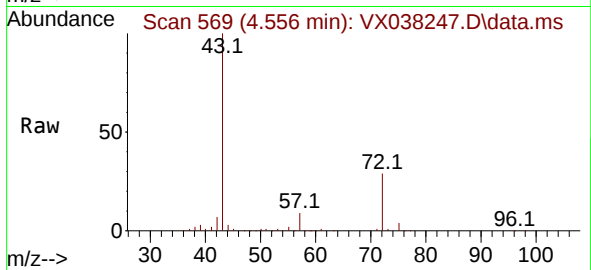
#25
2-Butanone
Concen: 99.553 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 43 Resp: 14011
Ion Ratio Lower Upper
43 100
72 28.5 19.4 29.2

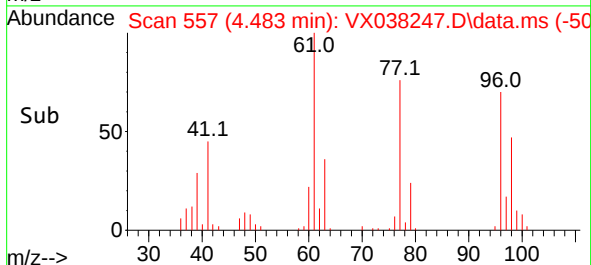
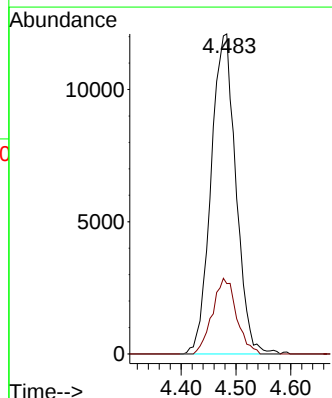
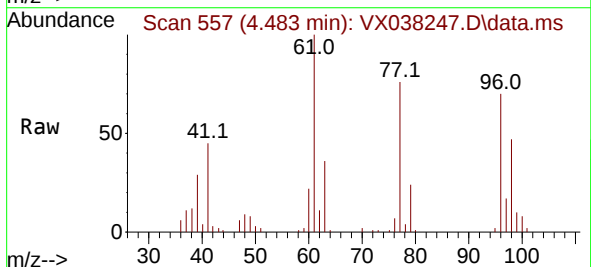
Manual Integrations
APPROVED

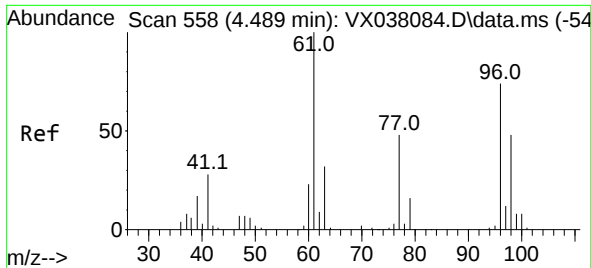
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#26
2,2-Dichloropropane
Concen: 18.043 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

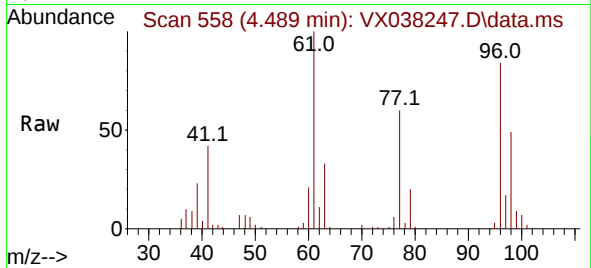
Tgt Ion: 77 Resp: 38102
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.441 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24

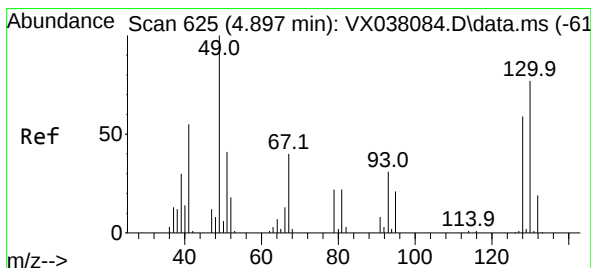
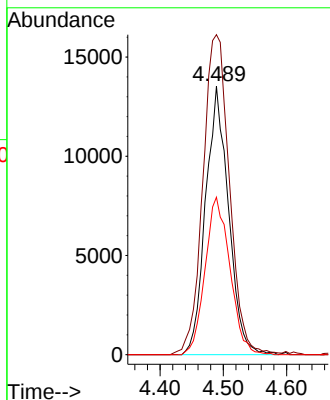
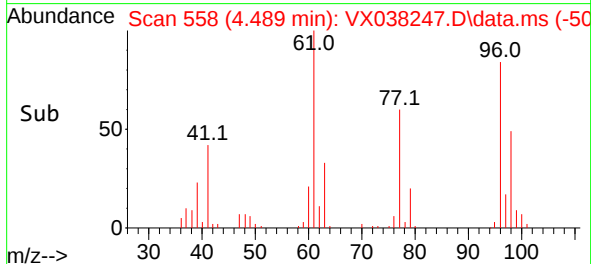
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01



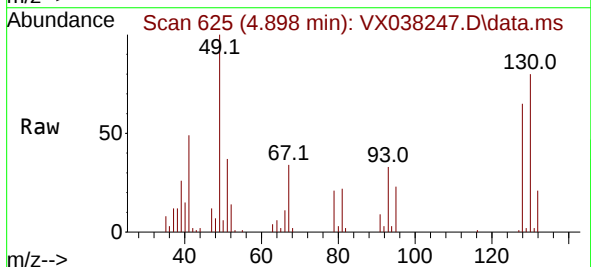
Tgt Ion: 96 Resp: 3408
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 312.2
 98 63.6 0.0 129.0

Manual Integrations
 APPROVED

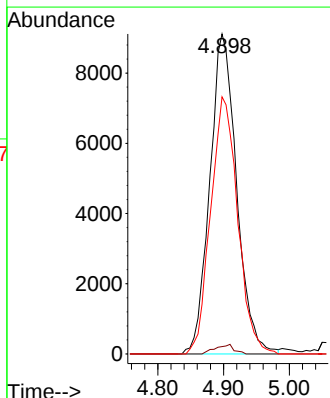
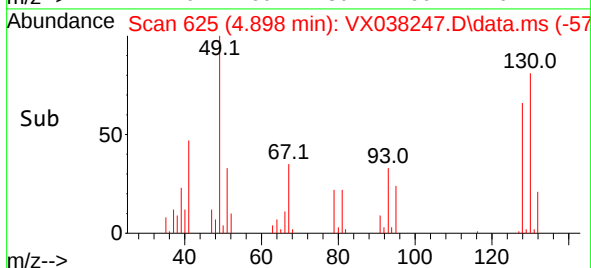
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

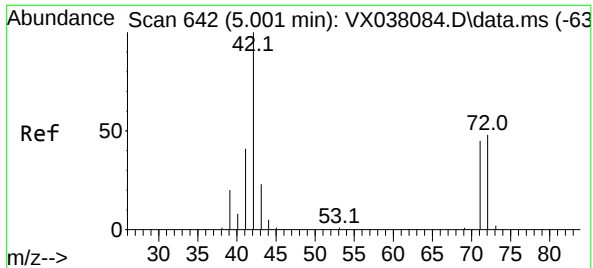


#28
 Bromochloromethane
 Concen: 21.178 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24



Tgt Ion: 49 Resp: 25859
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.545 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 42 Resp: 8755

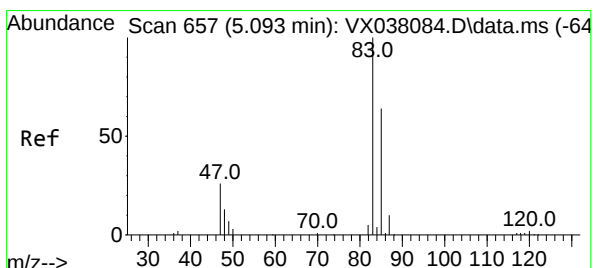
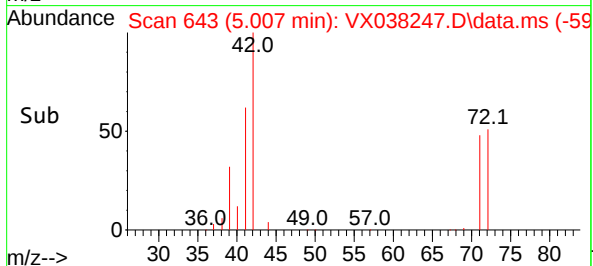
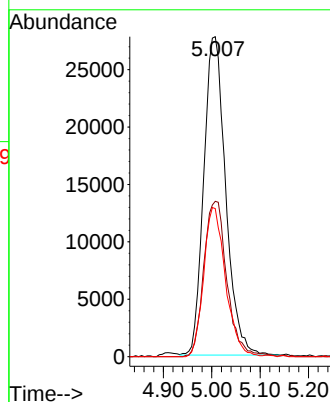
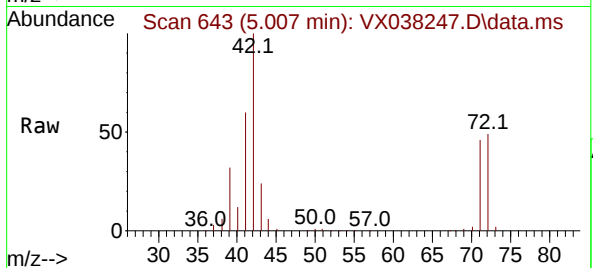
Ion	Ratio	Lower	Upper
42	100		
72	51.5	34.2	51.4
71	46.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 20.290 ug/l

RT: 5.093 min Scan# 657

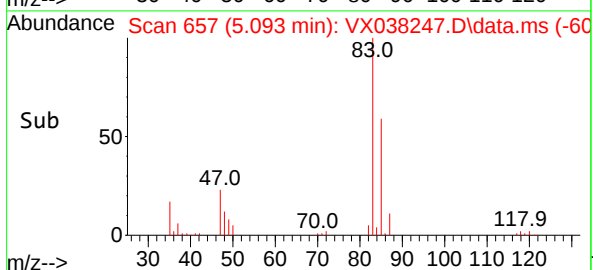
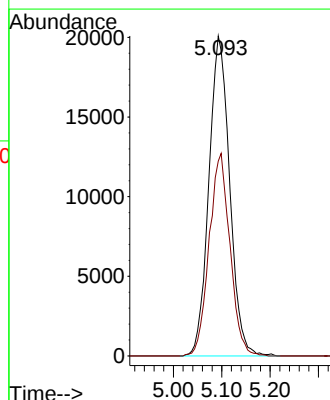
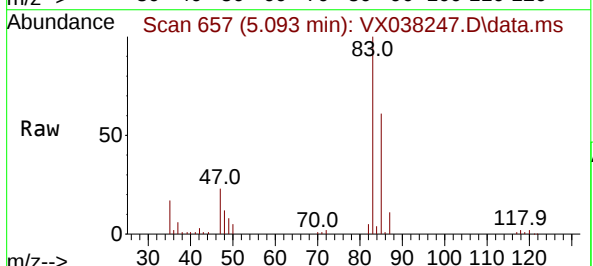
Delta R.T. -0.000 min

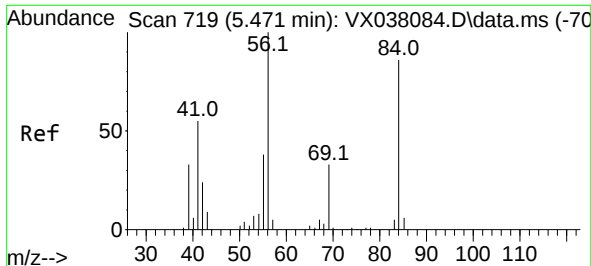
Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion: 83 Resp: 60014

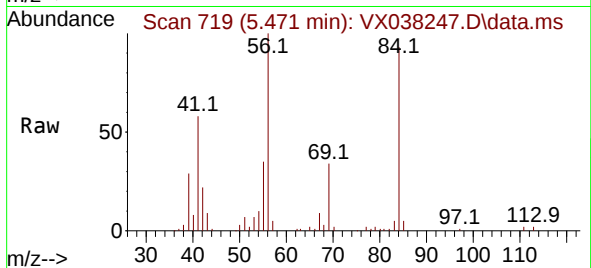
Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.3	75.5





#31
Cyclohexane
Concen: 17.732 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

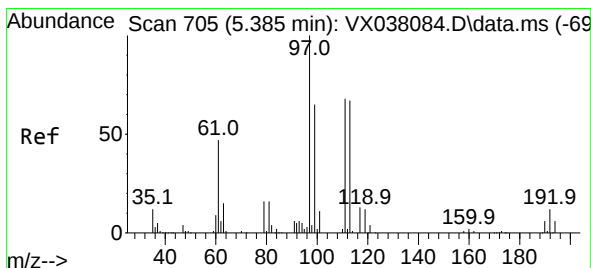
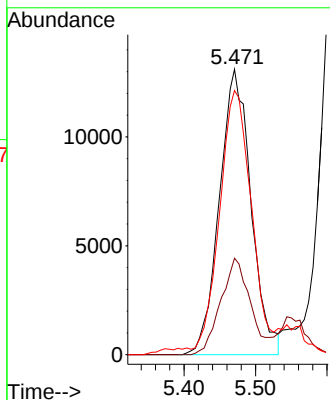
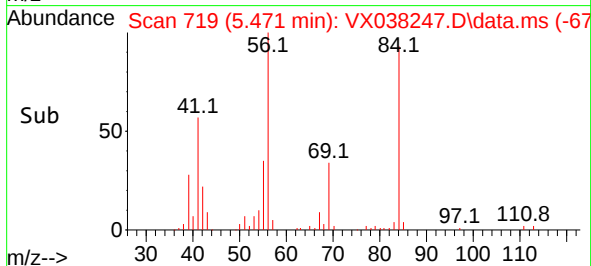
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 56 Resp: 40154
Ion Ratio Lower Upper
56 100
69 33.8 23.4 35.2
84 90.3 65.9 98.9

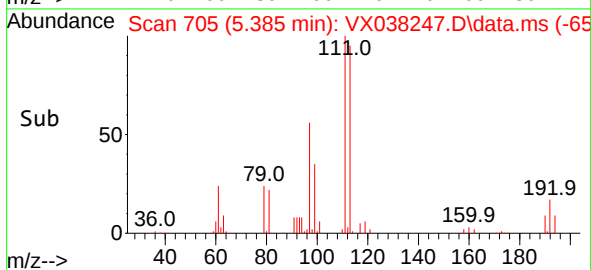
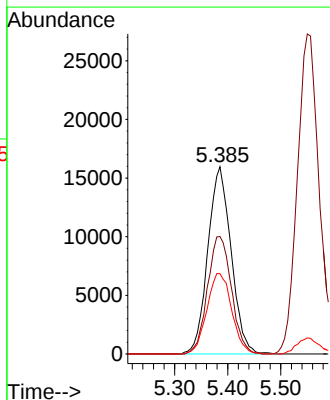
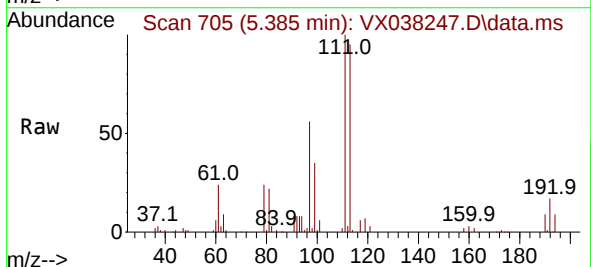
Manual Integrations
APPROVED

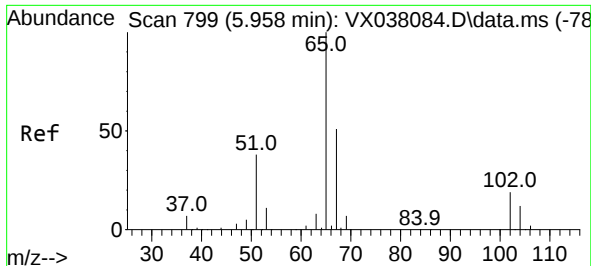
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#32
1,1,1-Trichloroethane
Concen: 19.209 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 97 Resp: 48664
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 45.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.881 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 65 Resp: 102160

Ion Ratio Lower Upper

65 100

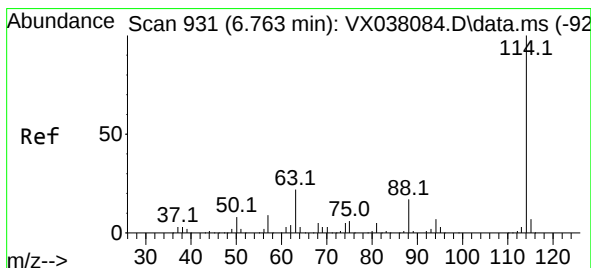
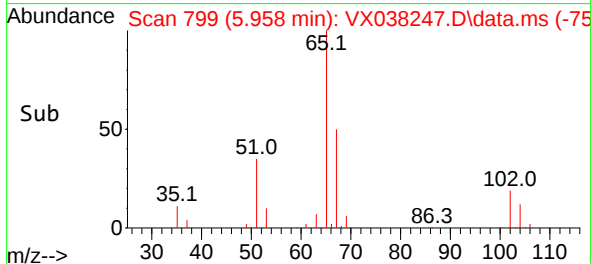
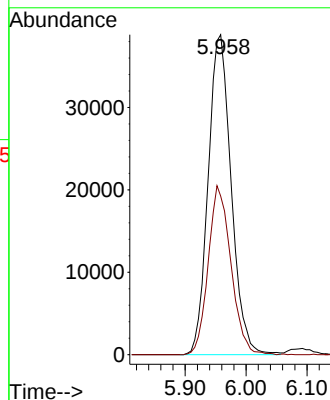
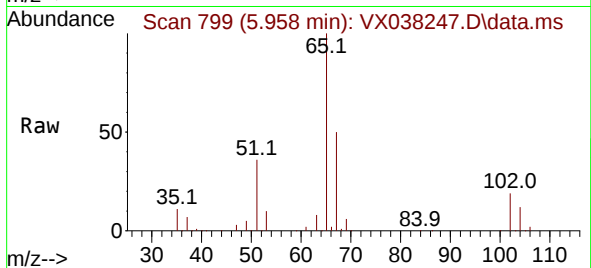
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

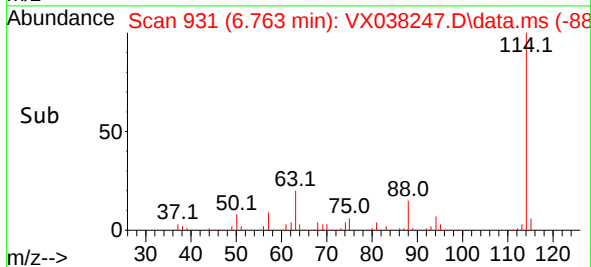
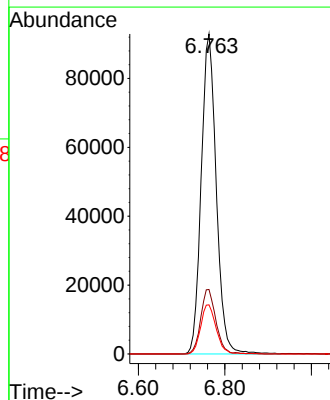
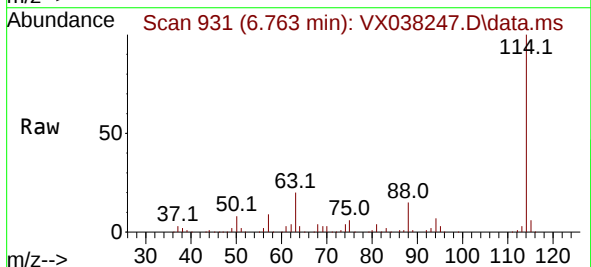
Tgt Ion:114 Resp: 223824

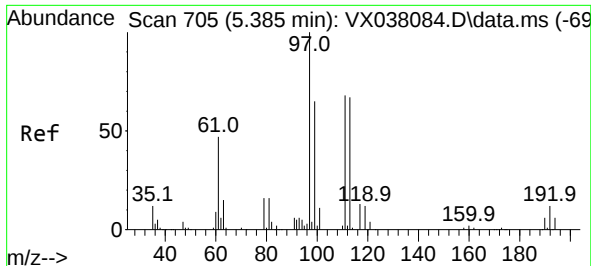
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

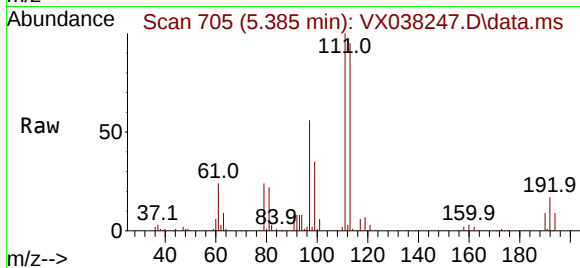
88 15.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.811 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

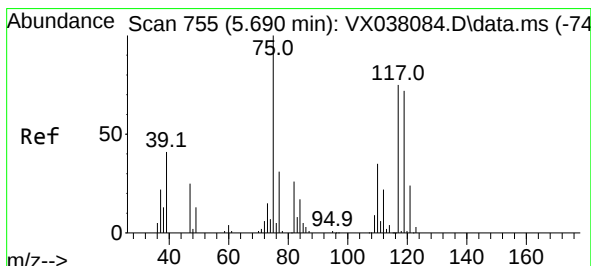
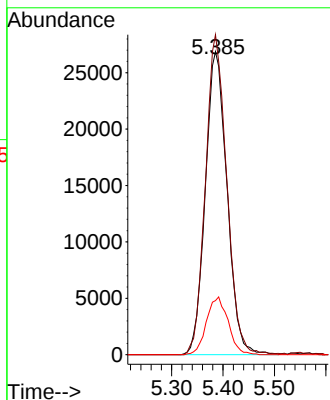
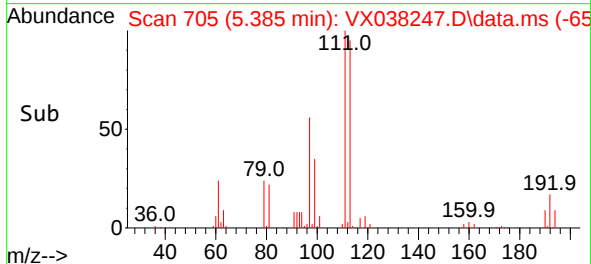
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 113 Resp: 7872
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.0 13.3 19.9

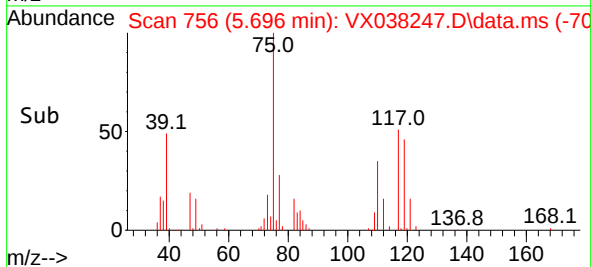
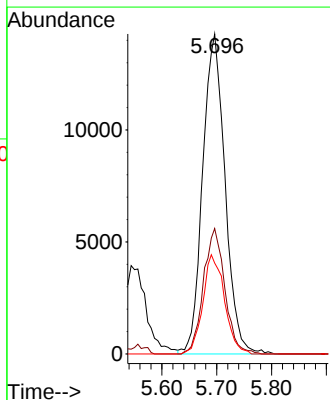
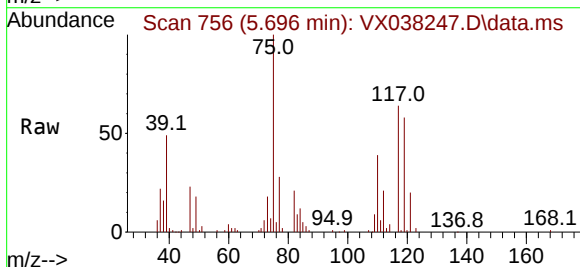
Manual Integrations
APPROVED

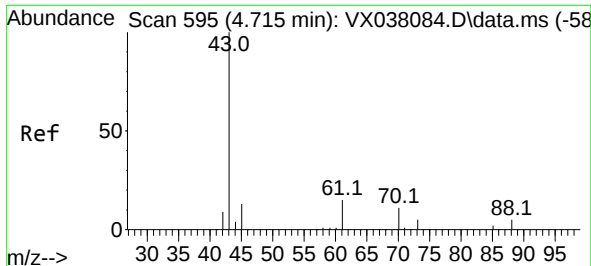
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#36
1,1-Dichloropropene
Concen: 18.189 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 75 Resp: 40453
Ion Ratio Lower Upper
75 100
110 37.5 17.0 50.9
77 30.0 24.7 37.1





#37

Ethyl Acetate

Concen: 19.011 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

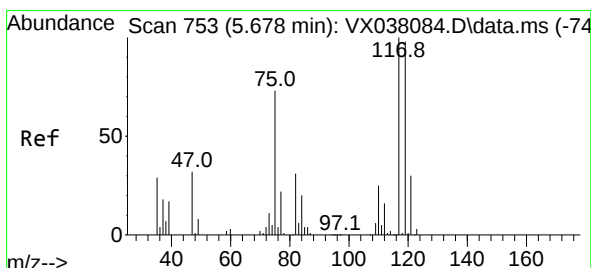
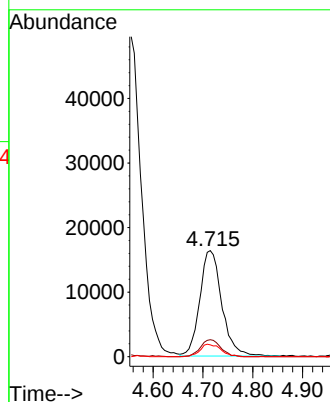
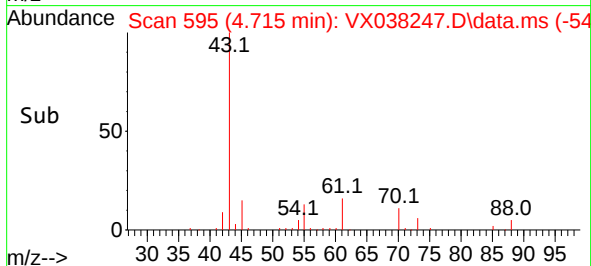
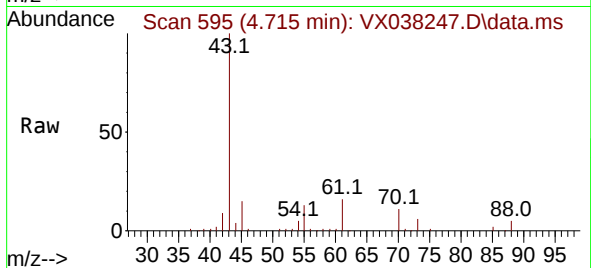
Tgt Ion:	43	Resp:	5021
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 18.232 ug/l

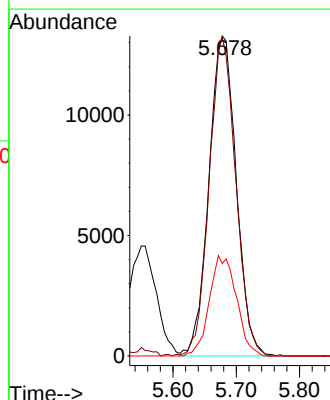
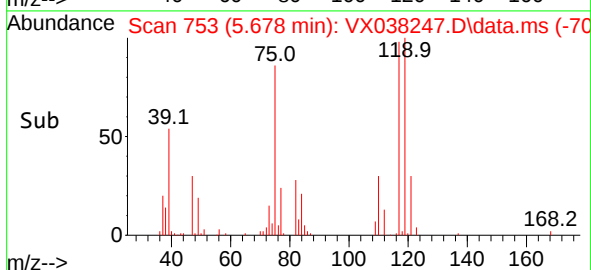
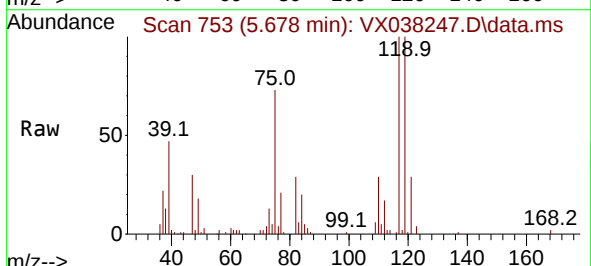
RT: 5.678 min Scan# 753

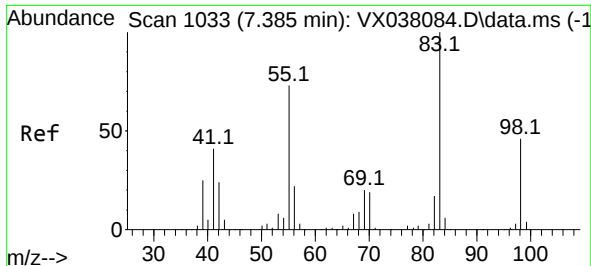
Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion:	117	Resp:	39888
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.2
121	28.9	24.4	36.6





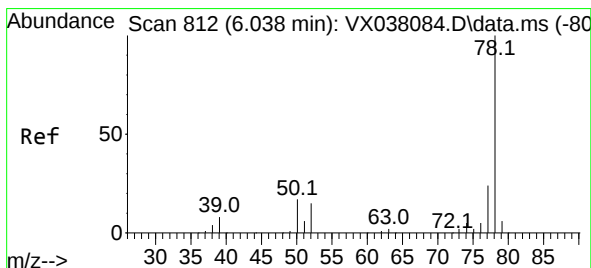
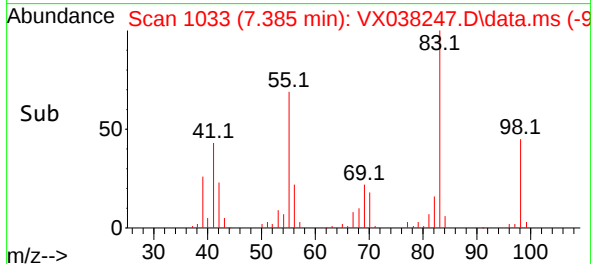
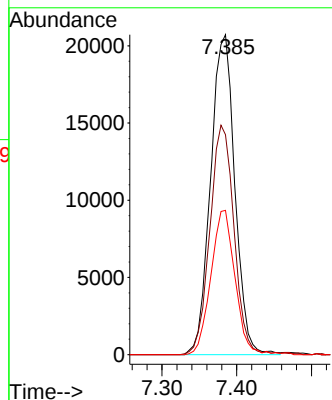
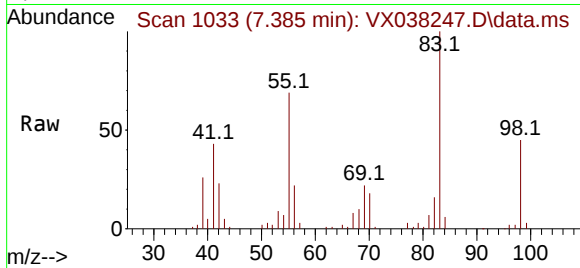
#39
Methylcyclohexane
Concen: 17.943 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 83 Resp: 4674
Ion Ratio Lower Upper
83 100
55 68.8 64.6 97.0
98 45.1 36.7 55.1

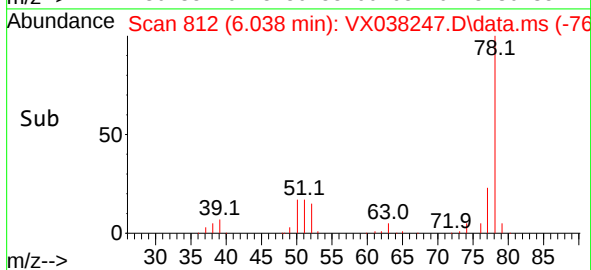
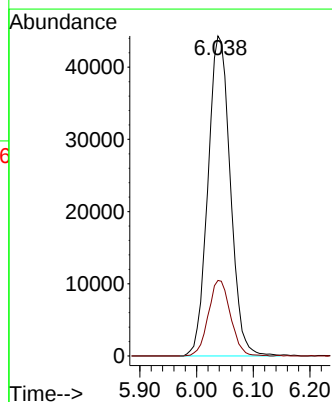
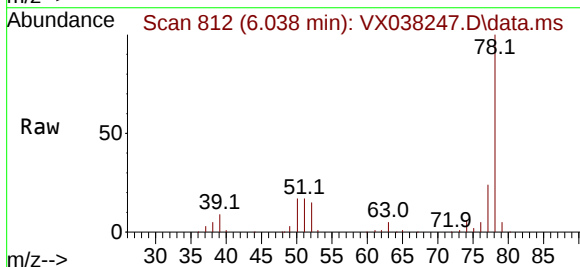
Manual Integrations
APPROVED

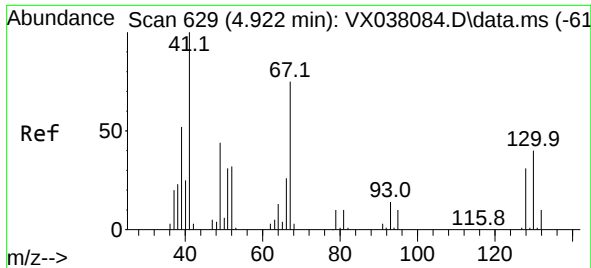
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#40
Benzene
Concen: 19.531 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 78 Resp: 121492
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





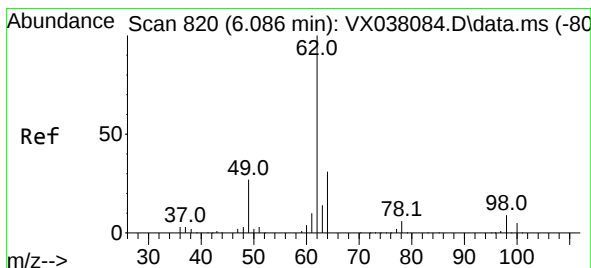
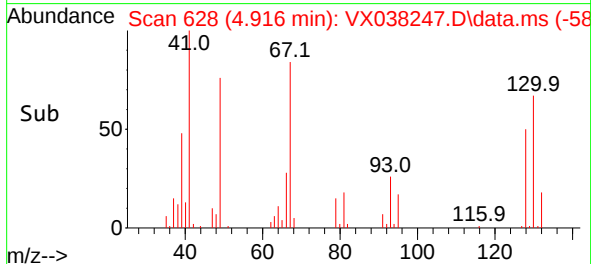
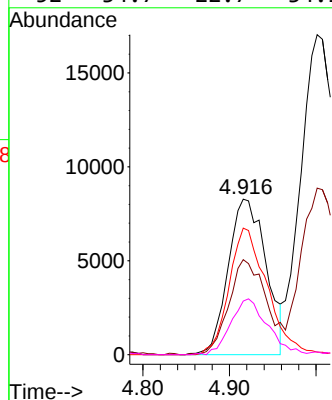
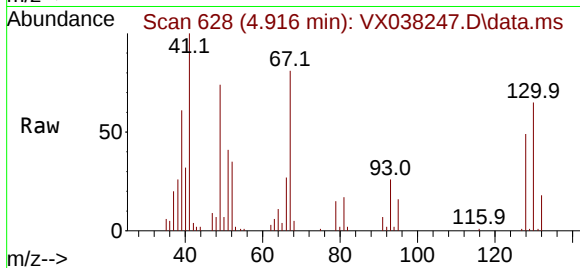
#41
Methacrylonitrile
Concen: 19.191 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 41 Resp: 25210
Ion Ratio Lower Upper
41 100
39 61.5 45.2 67.8
67 81.8 52.6 78.8
52 34.7 22.7 34.1#

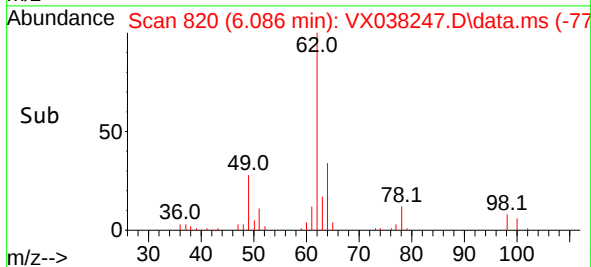
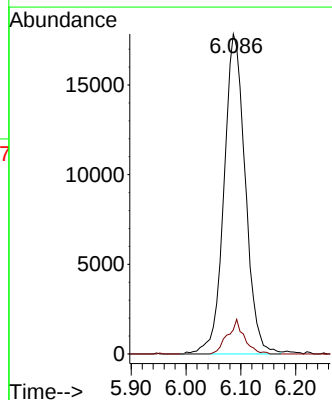
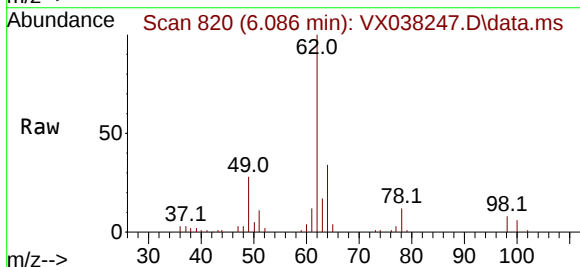
Manual Integrations
APPROVED

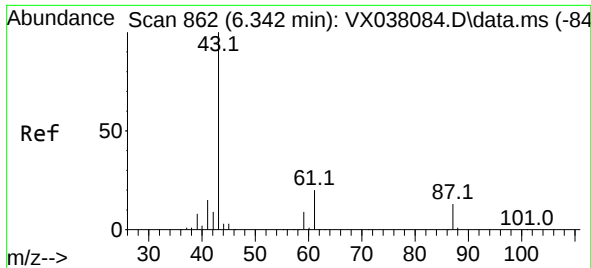
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 19.424 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

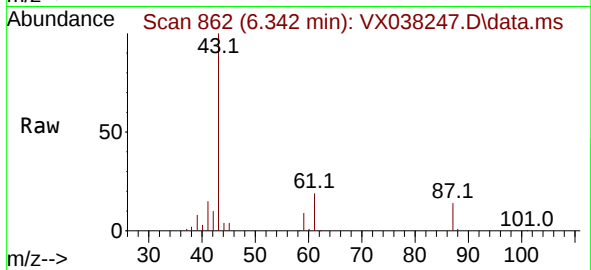
Tgt Ion: 62 Resp: 48274
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.748 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

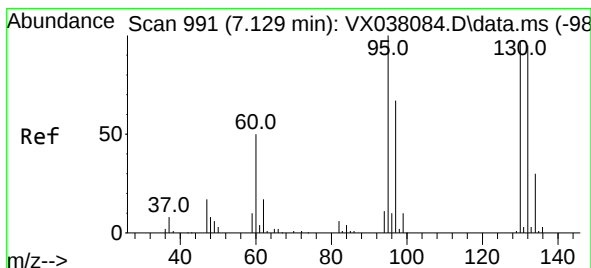
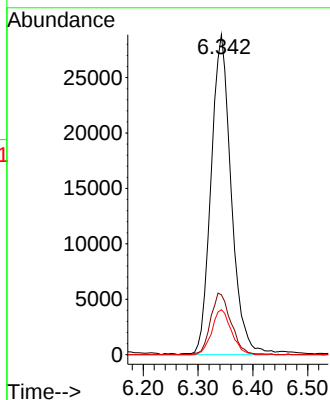
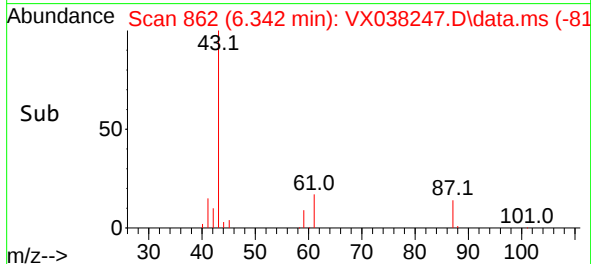
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



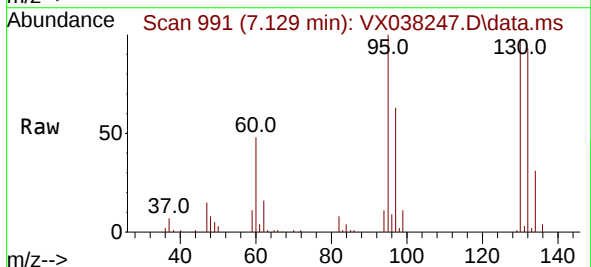
Tgt Ion: 43 Resp: 7392
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 13.6 9.8 14.6

Manual Integrations
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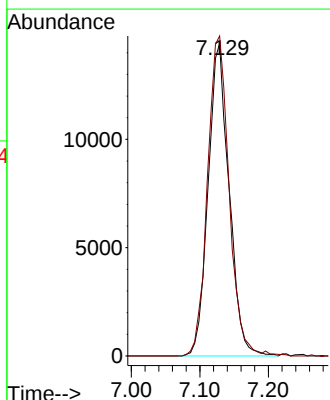
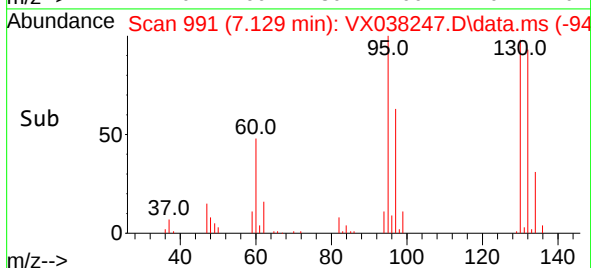
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

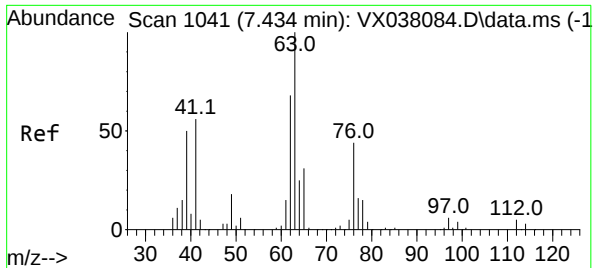


#44
Trichloroethene
Concen: 18.839 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



Tgt Ion:130 Resp: 30651
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.930 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 63 Resp: 3208

Ion Ratio Lower Upper

63 100

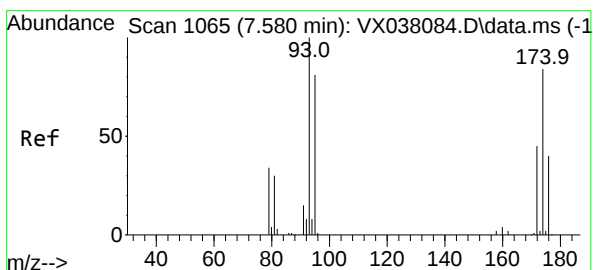
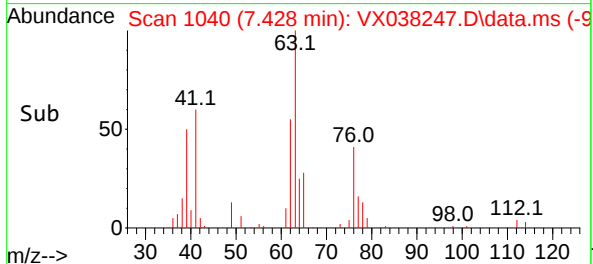
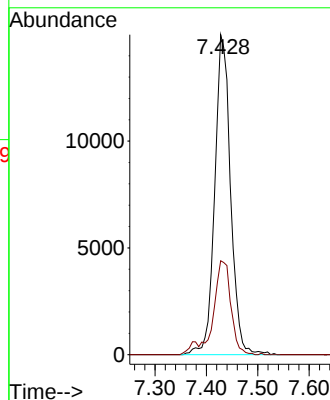
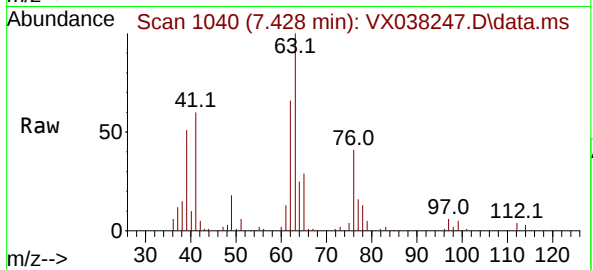
65 29.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 20.058 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

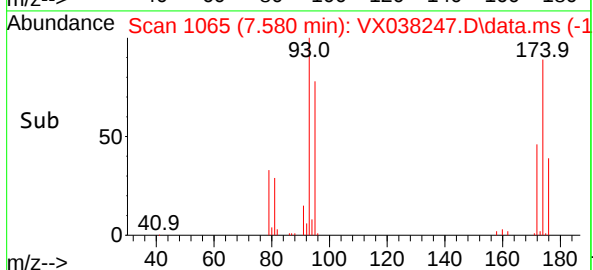
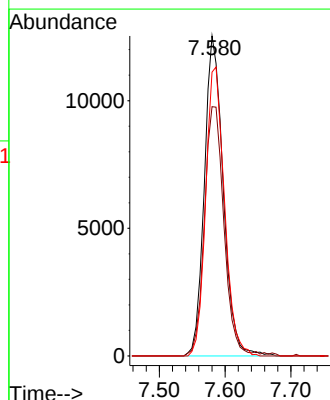
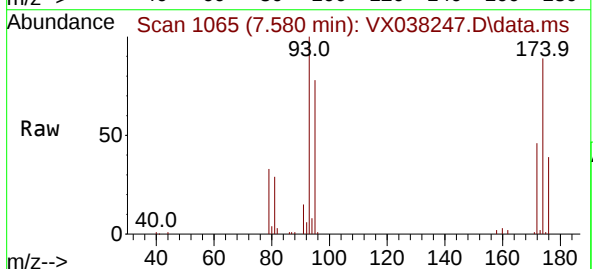
Tgt Ion: 93 Resp: 25046

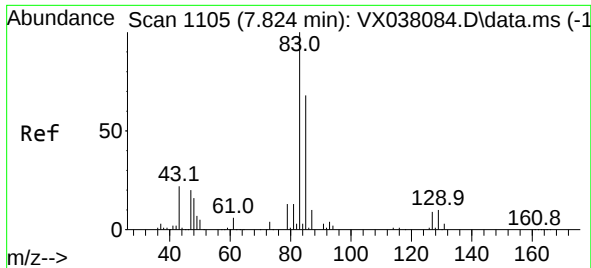
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 89.7 69.4 104.0





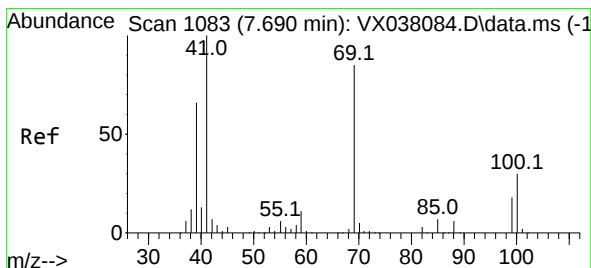
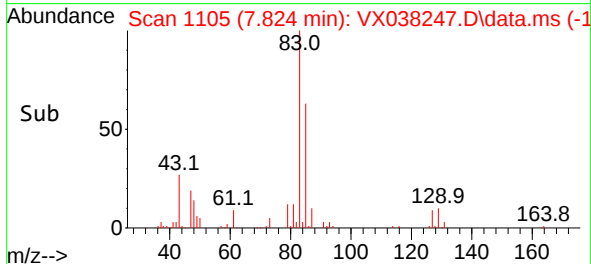
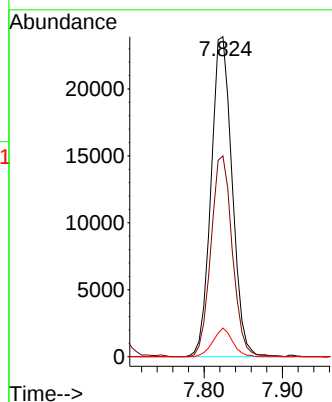
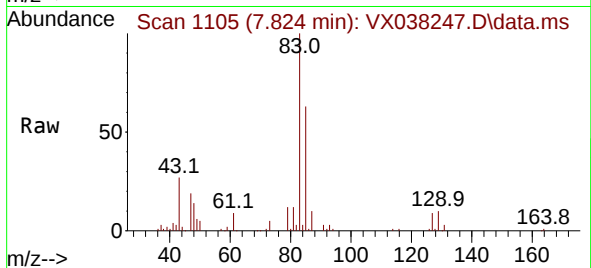
#47
Bromodichloromethane
Concen: 20.098 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 83 Resp: 44644
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 9.0 7.1 10.7

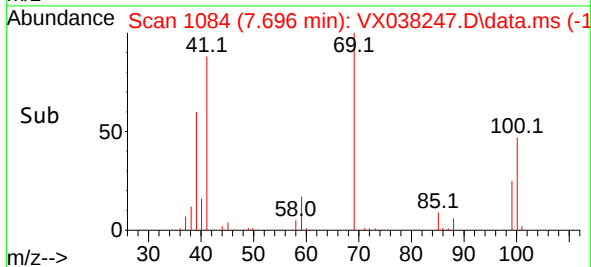
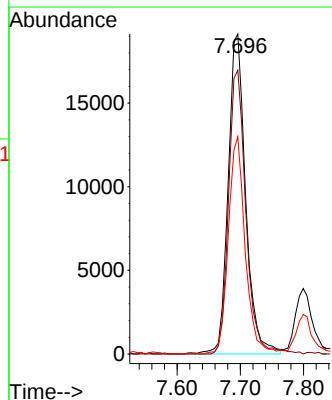
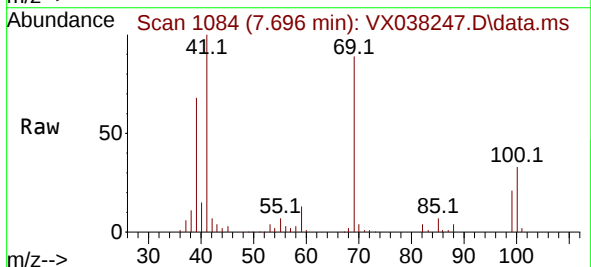
Manual Integrations
APPROVED

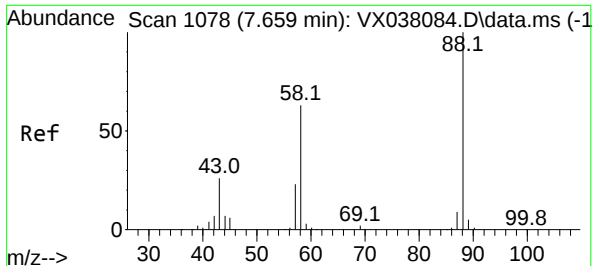
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#48
Methyl methacrylate
Concen: 19.445 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 41 Resp: 36603
Ion Ratio Lower Upper
41 100
69 88.1 59.2 88.8
39 65.8 47.7 71.5





#49

1,4-Dioxane

Concen: 416.339 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 88 Resp: 1931

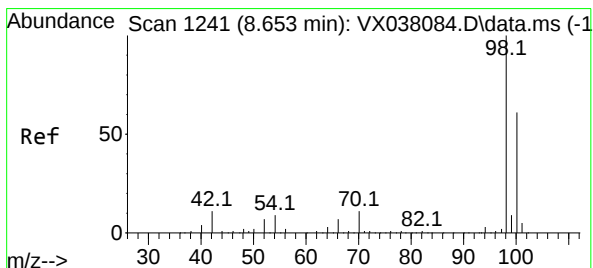
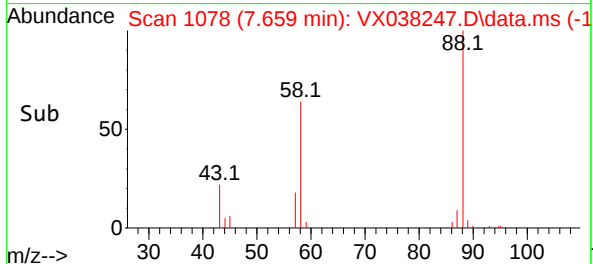
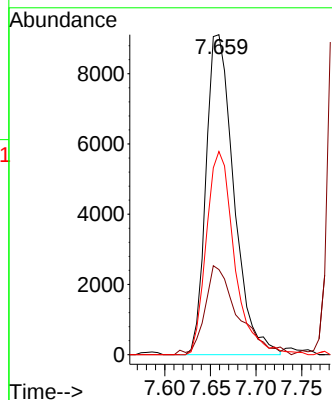
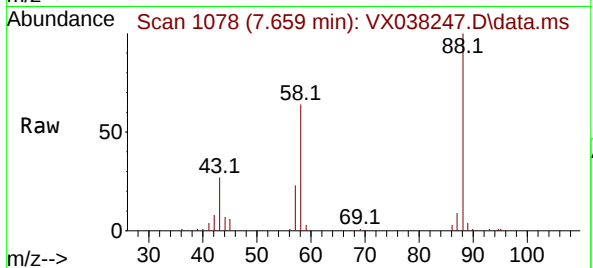
Ion	Ratio	Lower	Upper
88	100		
43	32.8	0.0	0.0
58	64.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#50

Toluene-d8

Concen: 48.761 ug/l

RT: 8.647 min Scan# 1240

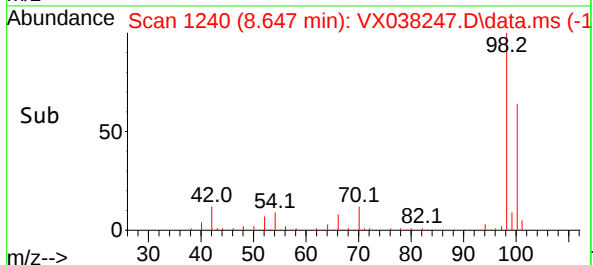
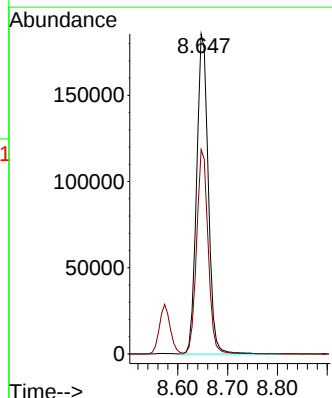
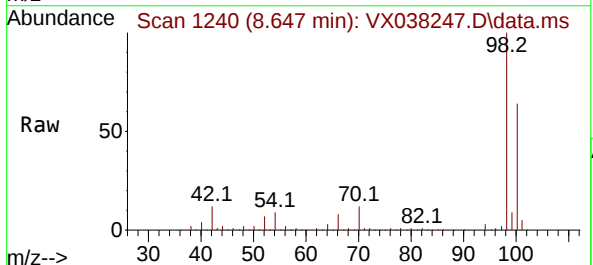
Delta R.T. -0.006 min

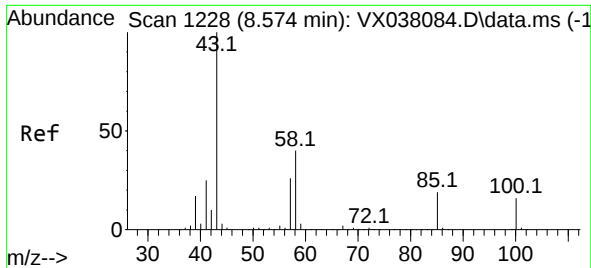
Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion: 98 Resp: 300508

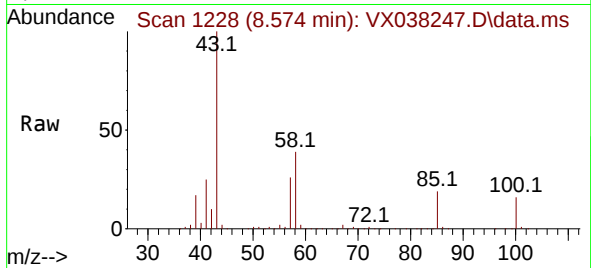
Ion	Ratio	Lower	Upper
98	100		
100	63.5	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 103.132 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

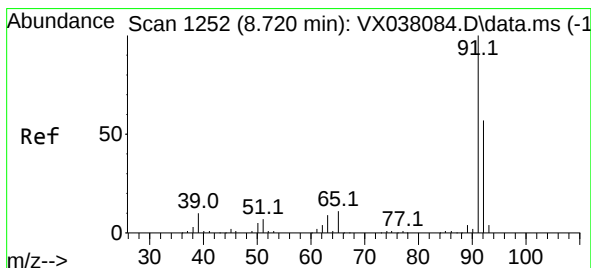
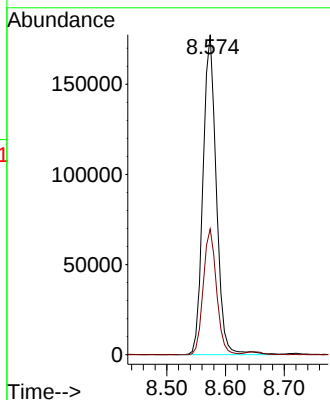
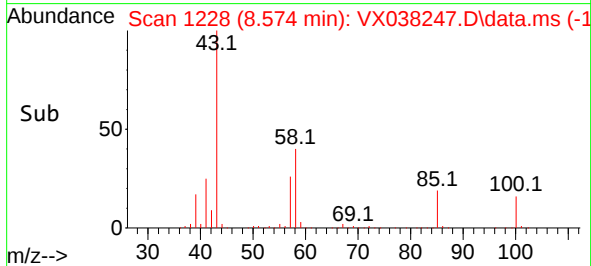
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 43 Resp: 280494
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

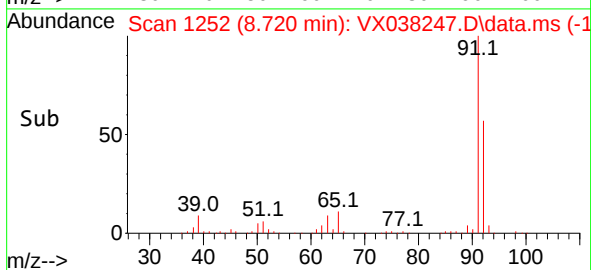
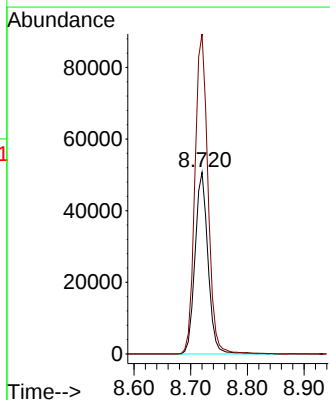
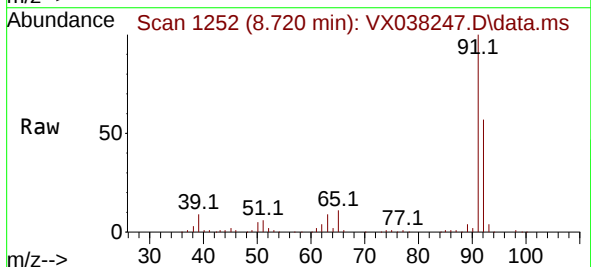
Manual Integrations
APPROVED

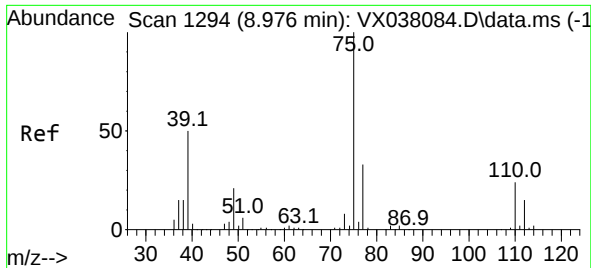
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#52
Toluene
Concen: 19.798 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

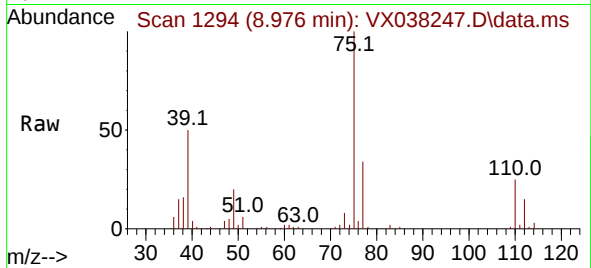
Tgt Ion: 92 Resp: 80221
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.505 ug/l
RT: 8.976 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

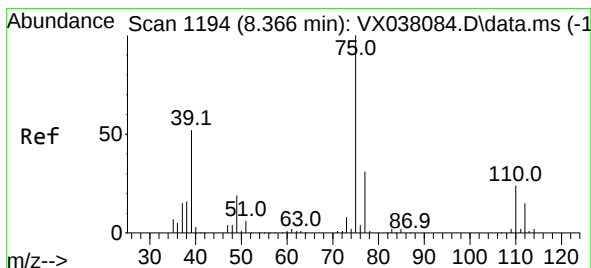
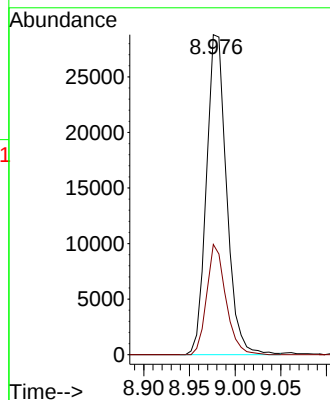
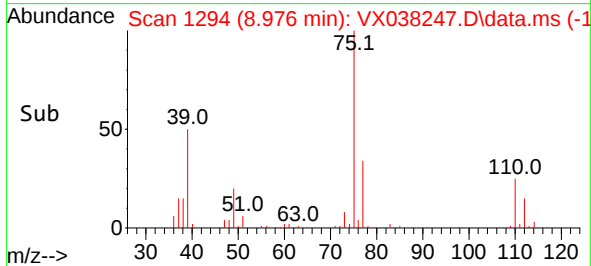
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



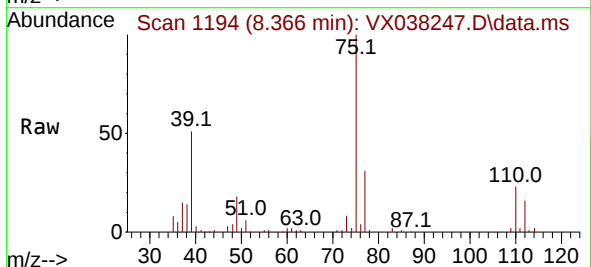
Tgt Ion: 75 Resp: 44124
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5

Manual Integrations
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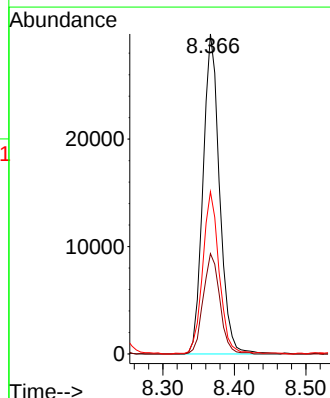
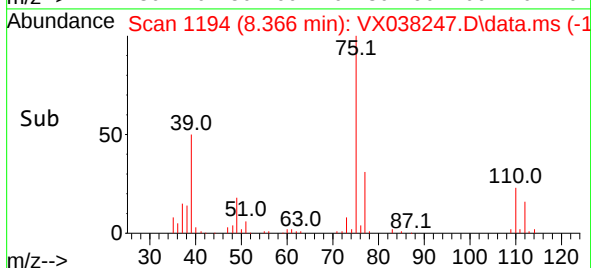
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

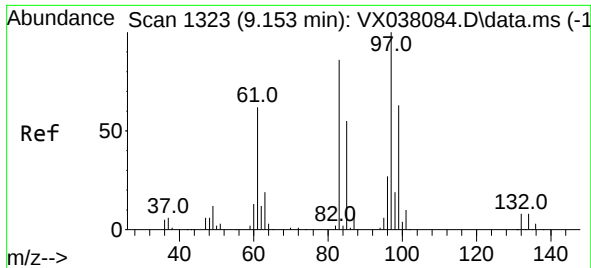


#54
cis-1,3-Dichloropropene
Concen: 19.112 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



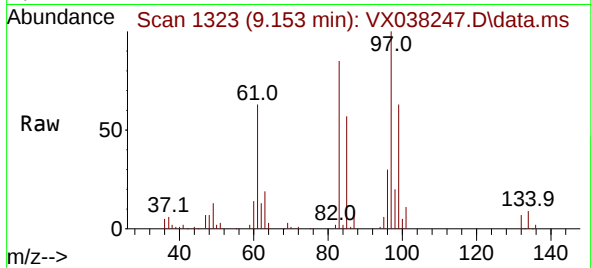
Tgt Ion: 75 Resp: 47877
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 50.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.288 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

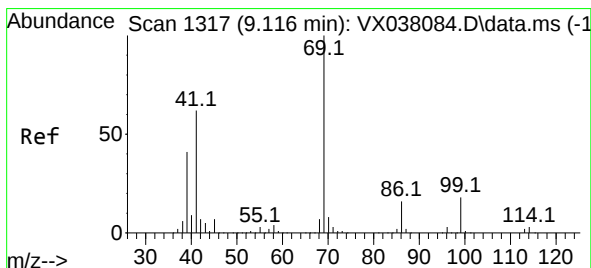
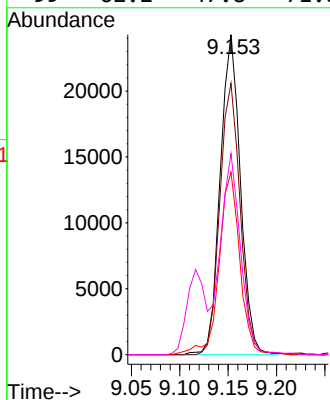
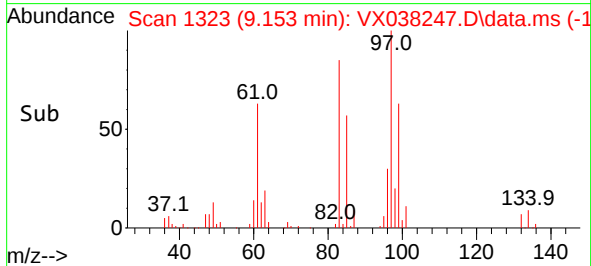


Tgt Ion: 97 Resp: 3516

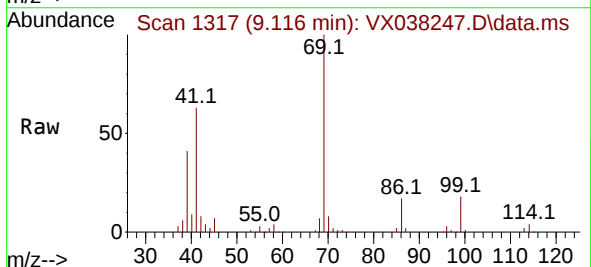
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.8	98.8
85	56.7	41.6	62.4
99	62.2	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

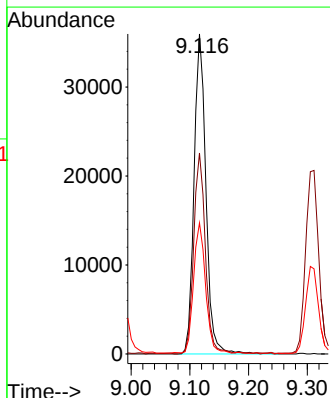
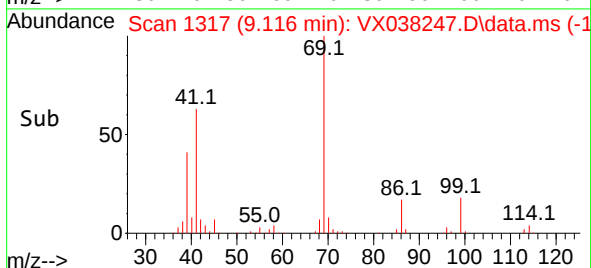


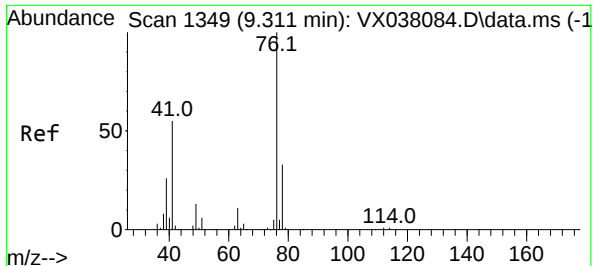
#56
Ethyl methacrylate
Concen: 18.980 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



Tgt Ion: 69 Resp: 50437

Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	41.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.986 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 76 Resp: 5602

Ion Ratio Lower Upper

76 100

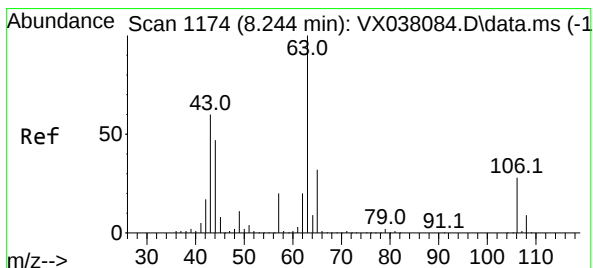
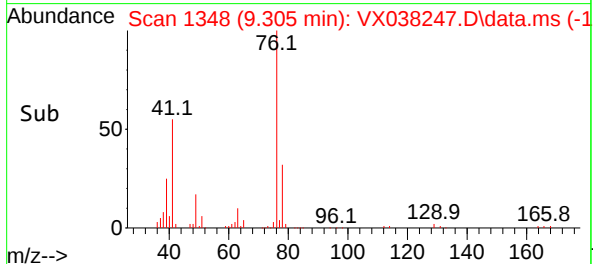
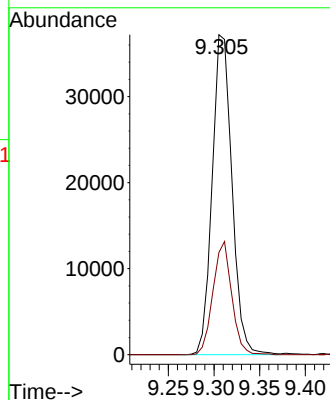
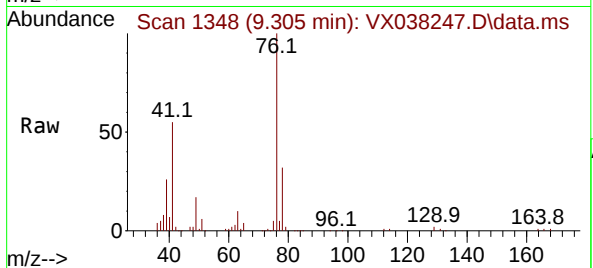
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.327 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX038247.D

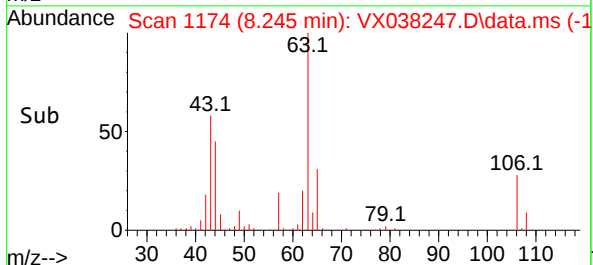
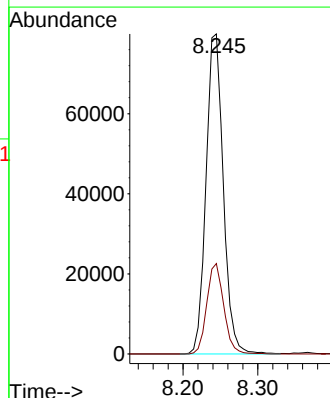
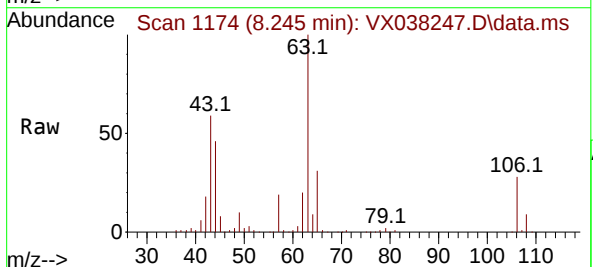
Acq: 12 Oct 2023 11:24

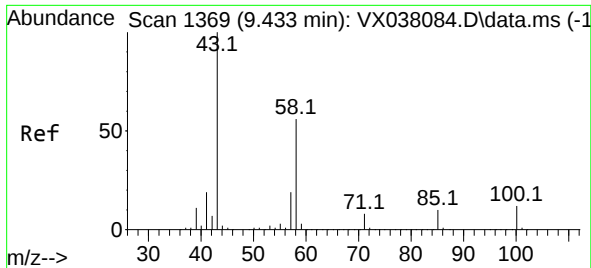
Tgt Ion: 63 Resp: 128256

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 103.655 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 43 Resp: 226639

Ion Ratio Lower Upper

43 100

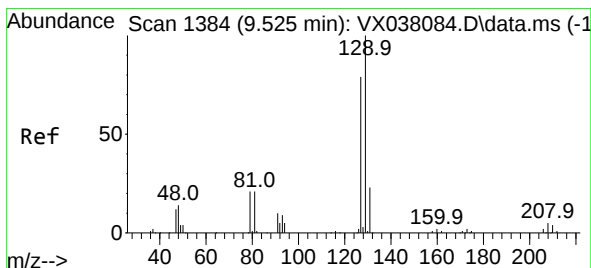
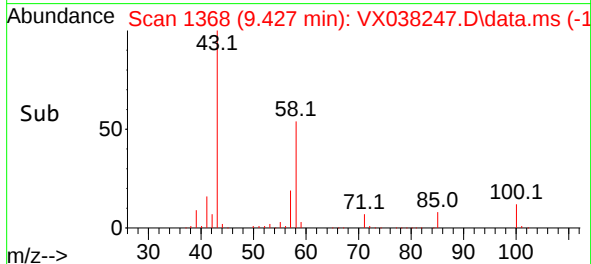
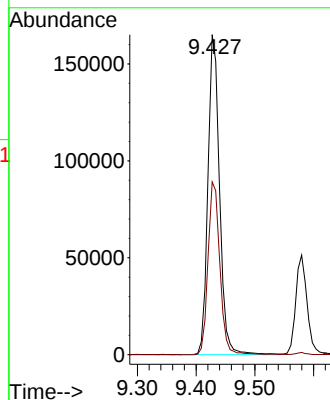
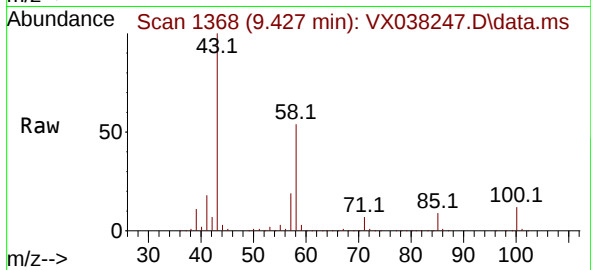
58 55.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#60

Dibromochloromethane

Concen: 20.381 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038247.D

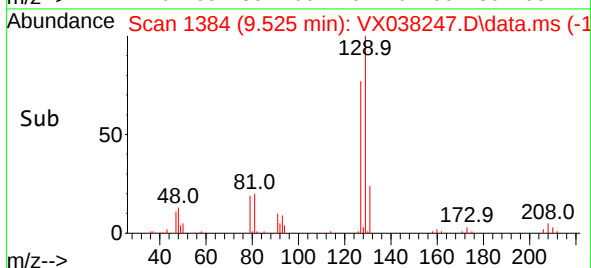
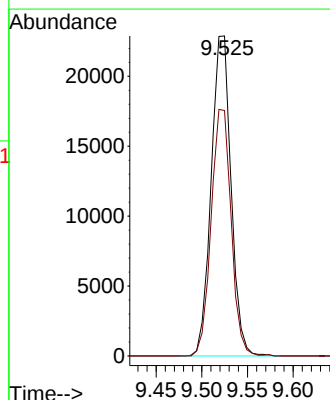
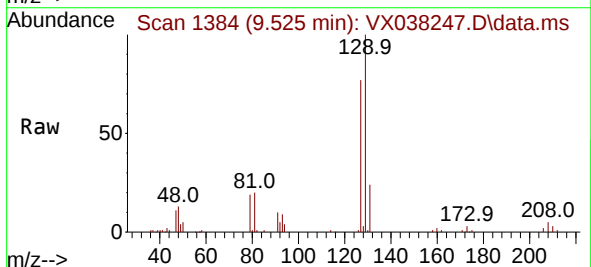
Acq: 12 Oct 2023 11:24

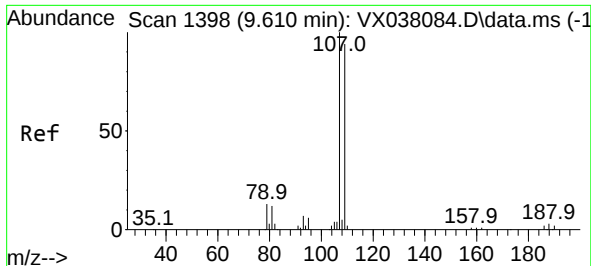
Tgt Ion:129 Resp: 34571

Ion Ratio Lower Upper

129 100

127 77.4 38.8 116.4





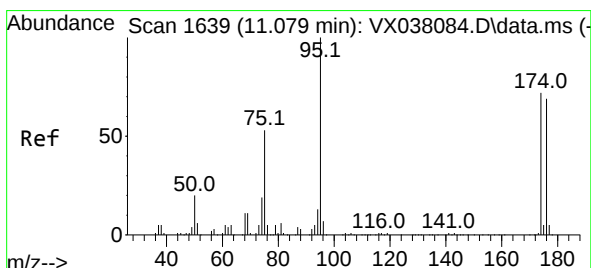
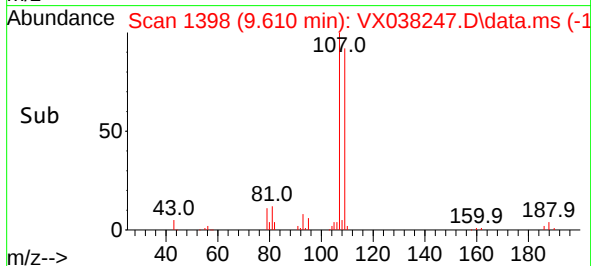
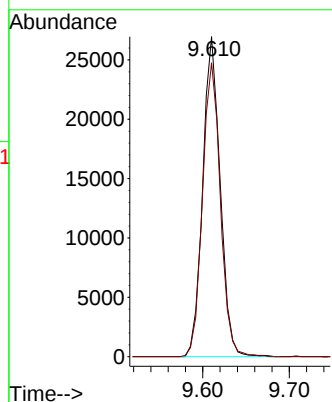
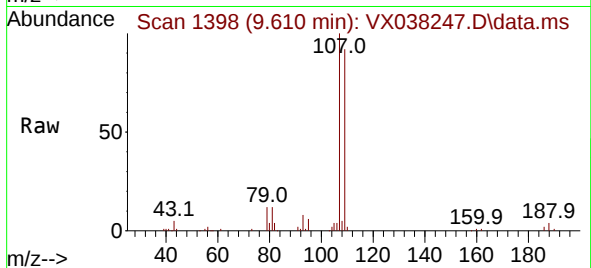
#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion:107 Resp: 37730
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

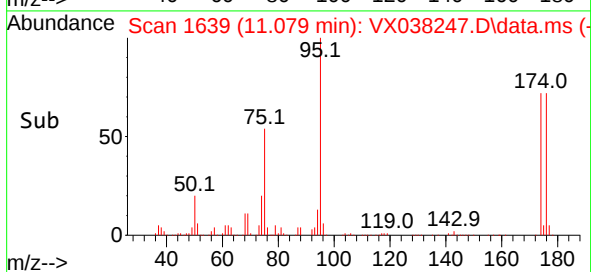
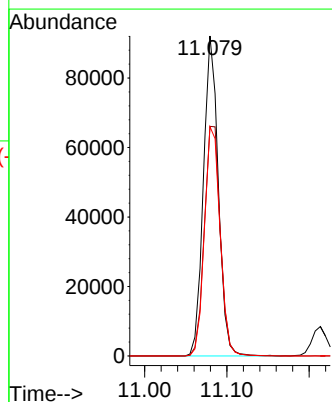
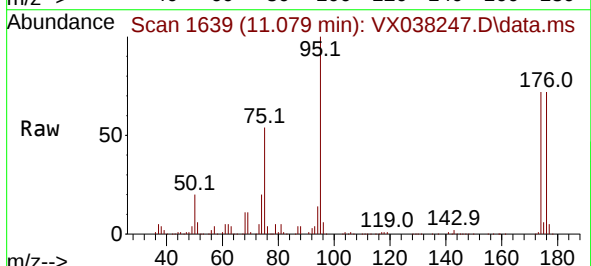
Manual Integrations
APPROVED

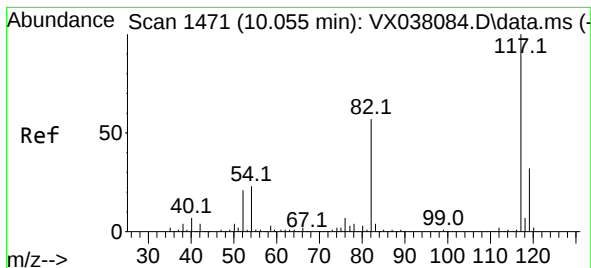
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 49.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

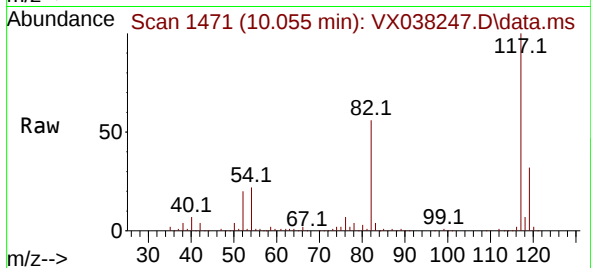
Tgt Ion: 95 Resp: 115717
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 75.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

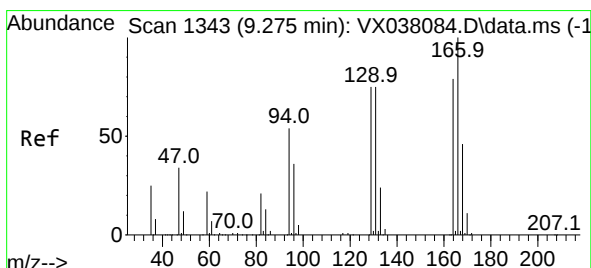
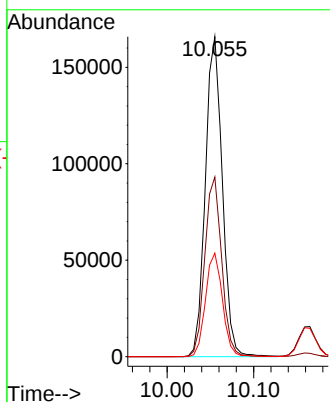
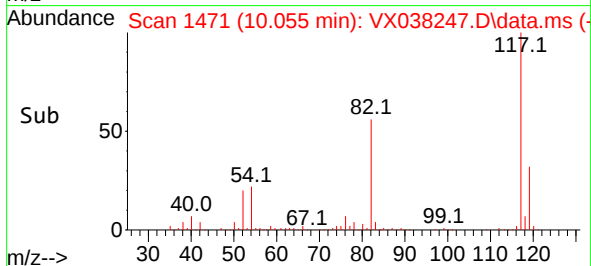
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion:117 Resp: 225968
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.3 25.5 38.3

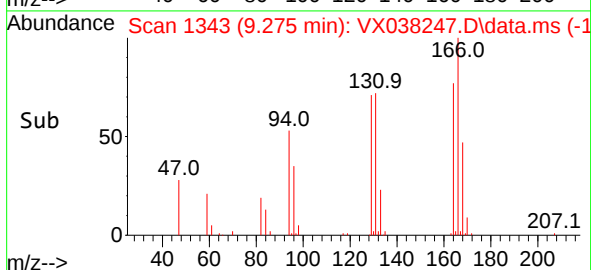
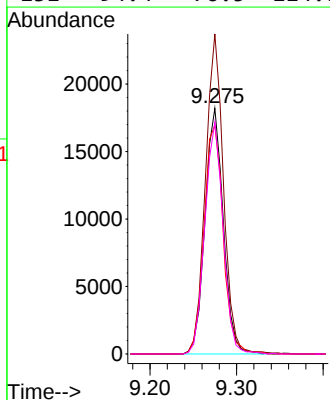
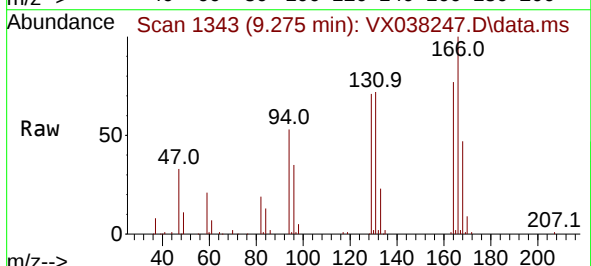
Manual Integrations
APPROVED

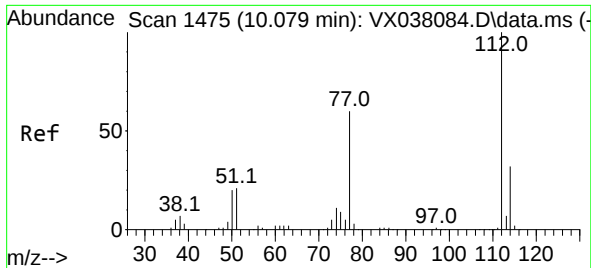
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#64
Tetrachloroethene
Concen: 18.297 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion:164 Resp: 26766
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 93.1 80.4 120.6
131 94.4 76.5 114.7





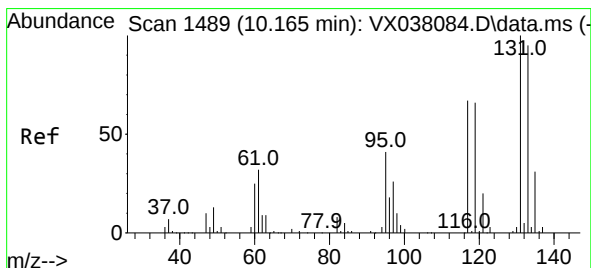
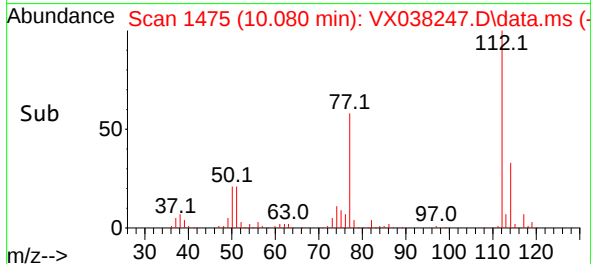
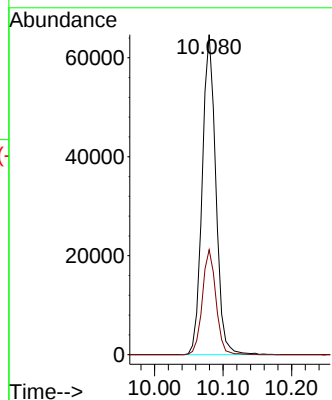
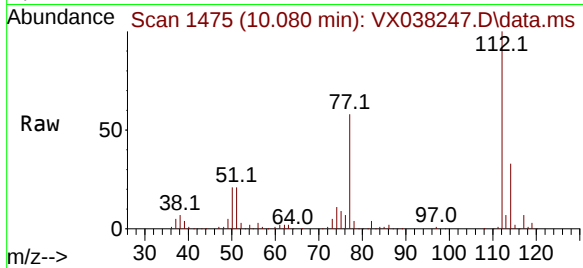
#65
Chlorobenzene
Concen: 18.936 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion:112 Resp: 8953
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

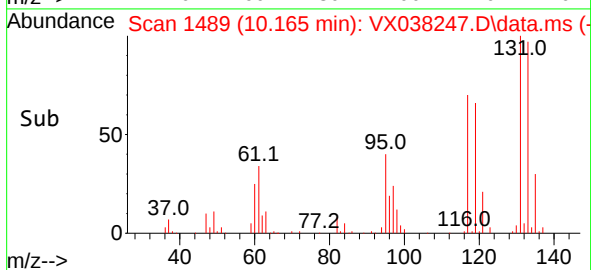
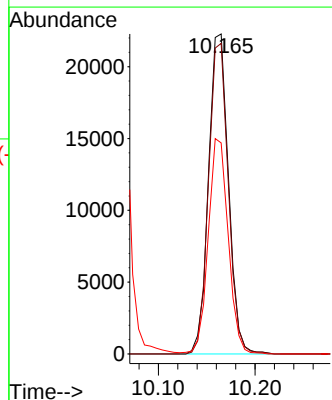
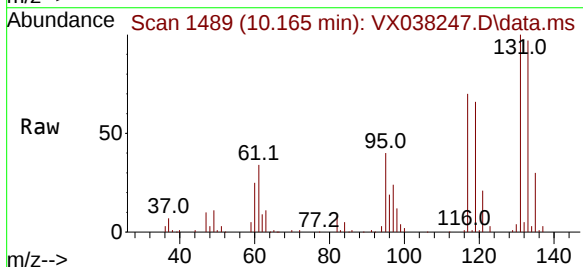
Manual Integrations
APPROVED

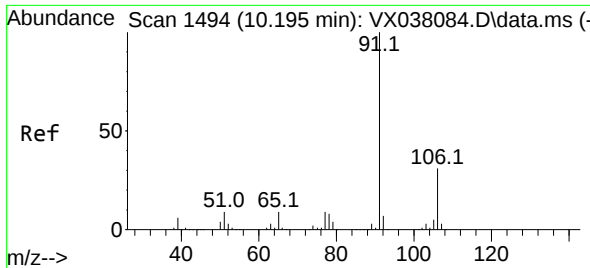
Reviewed By :John Carbone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.932 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

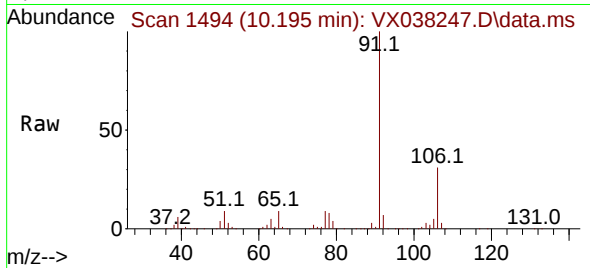
Tgt Ion:131 Resp: 31871
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 67.5 32.2 96.6





#67
Ethyl Benzene
Concen: 18.576 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

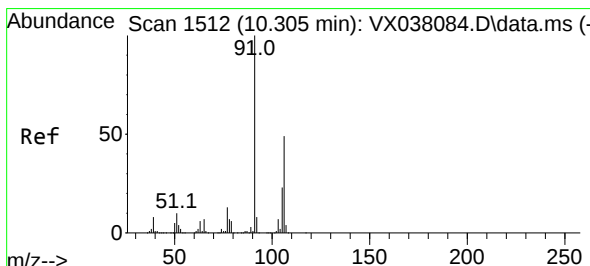
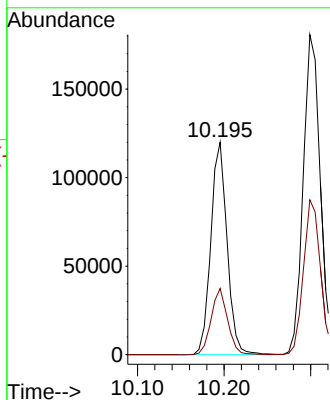
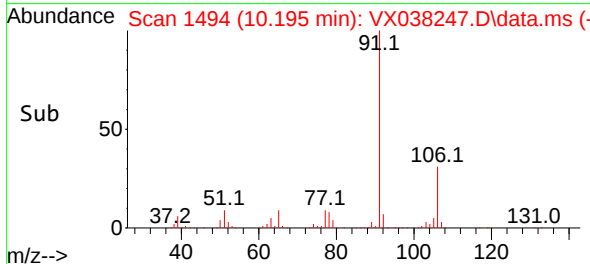
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



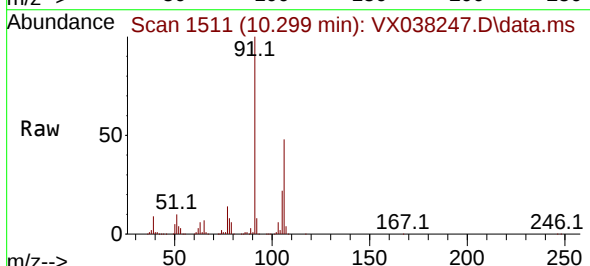
Tgt Ion: 91 Resp: 15679
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

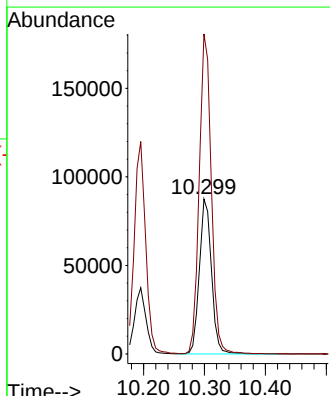
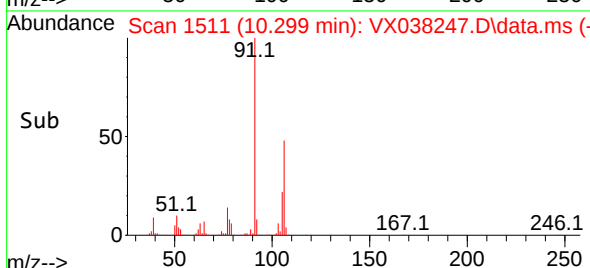
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

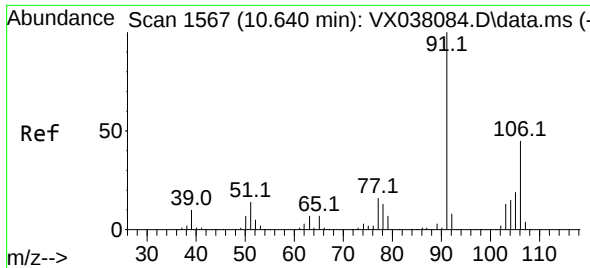


#68
m/p-Xylenes
Concen: 37.132 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



Tgt Ion:106 Resp: 121184
Ion Ratio Lower Upper
106 100
91 205.4 165.5 248.3





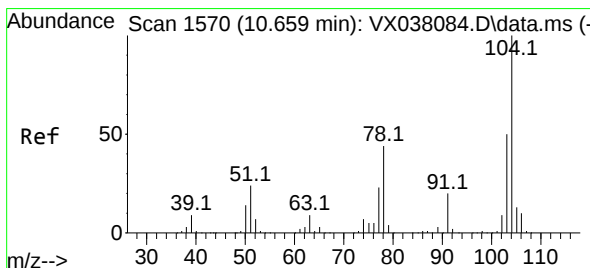
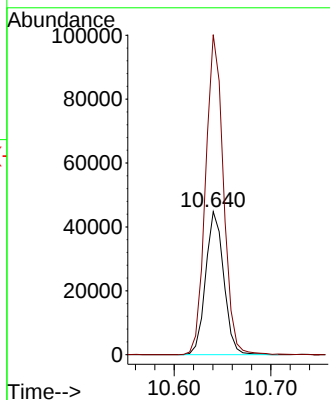
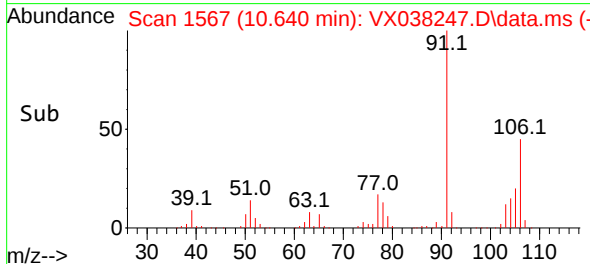
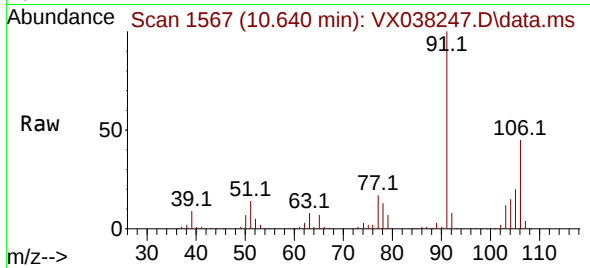
#69
o-Xylene
Concen: 18.304 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion:106 Resp: 5830
Ion Ratio Lower Upper
106 100
91 221.0 108.9 326.8

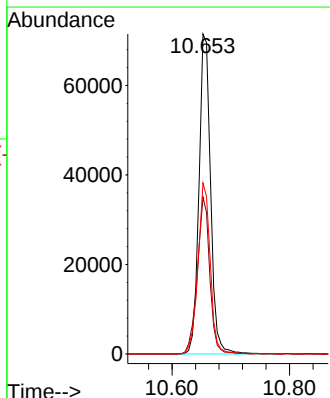
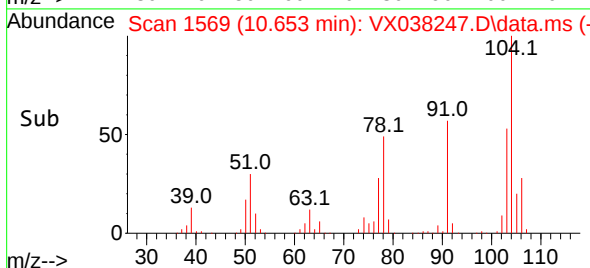
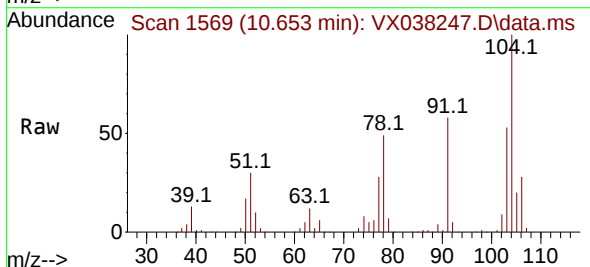
Manual Integrations
APPROVED

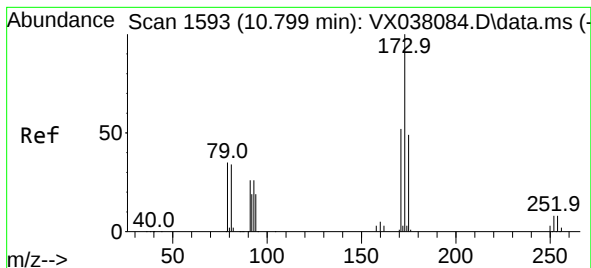
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#70
Styrene
Concen: 18.909 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion:104 Resp: 98083
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 56.4 43.6 65.4





#71

Bromoform

Concen: 18.487 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

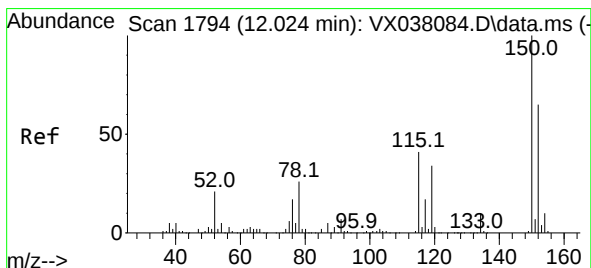
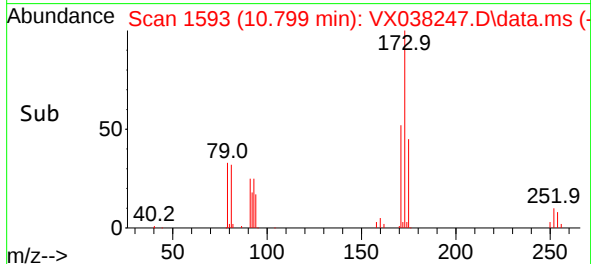
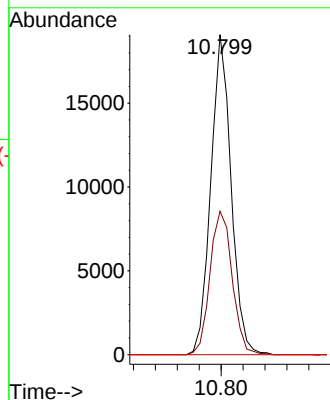
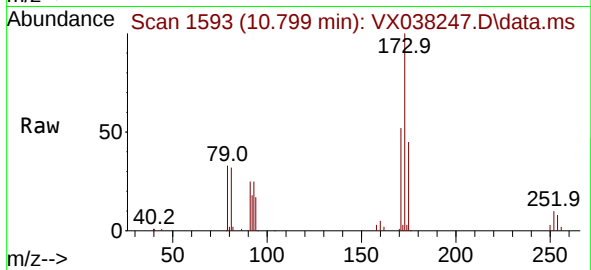
Tgt Ion:	173	Resp:	2458
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

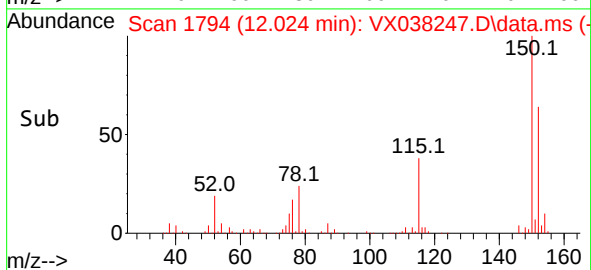
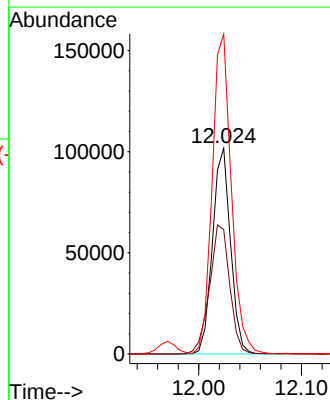
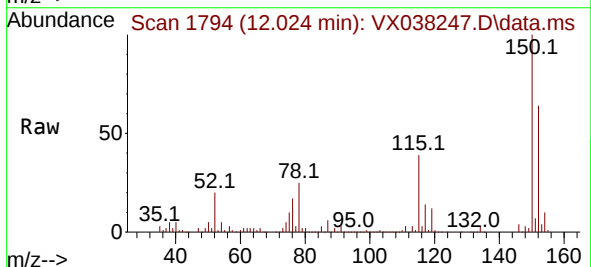
RT: 12.024 min Scan# 1794

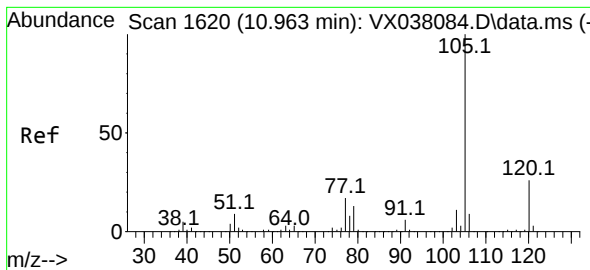
Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

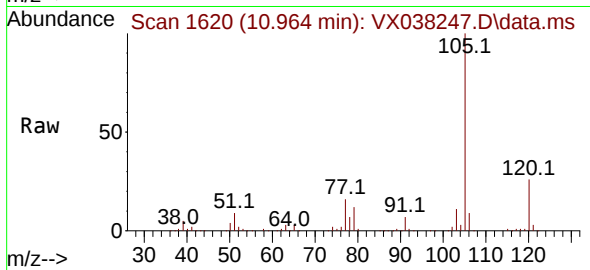
Tgt Ion:	152	Resp:	123402
Ion Ratio	Lower	Upper	
152	100		
115	70.4	43.3	129.9
150	164.6	0.0	345.0





#73
Isopropylbenzene
Concen: 18.764 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

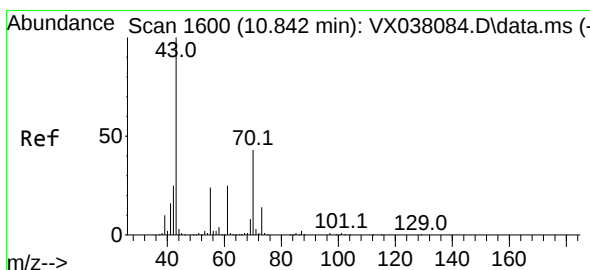
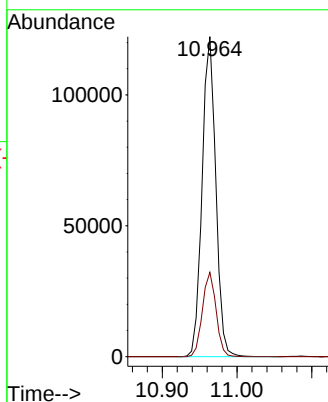
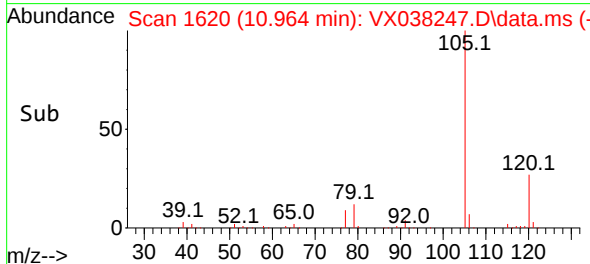
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



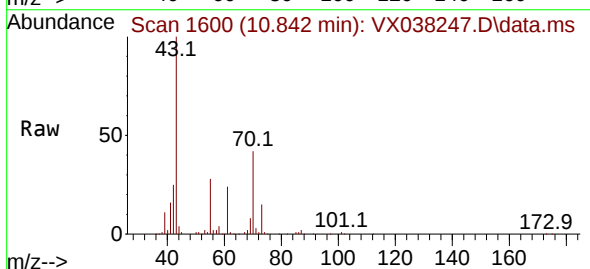
Tgt Ion:105 Resp: 15528
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations
APPROVED

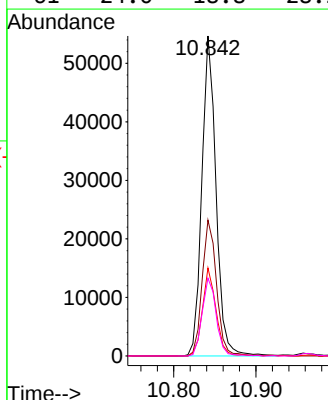
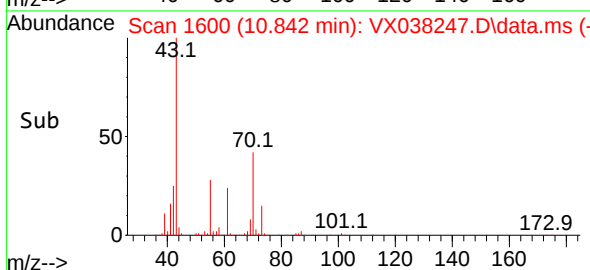
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

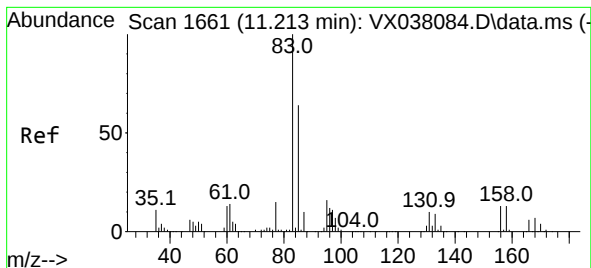


#74
N-ethyl acetate
Concen: 18.562 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



Tgt Ion: 43 Resp: 65599
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 26.3 19.3 28.9
61 24.0 18.8 28.2





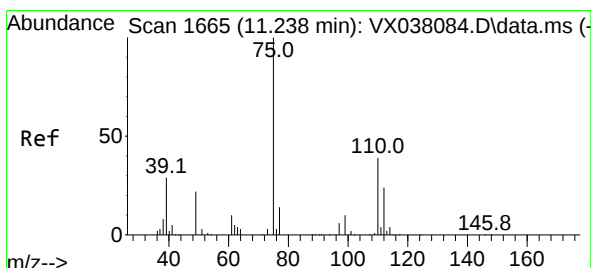
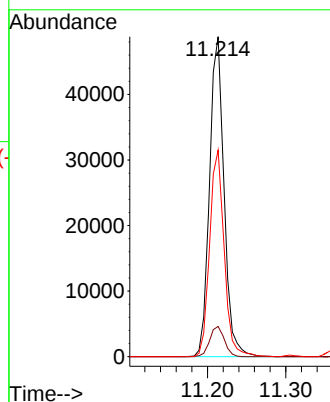
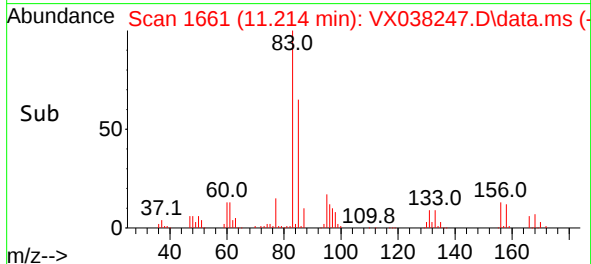
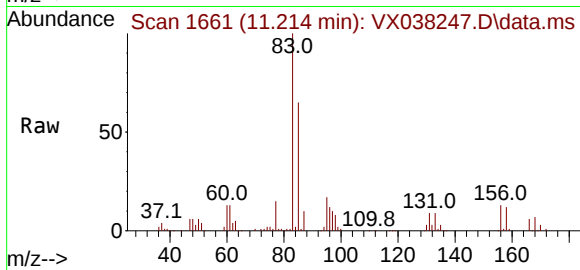
#75
1,1,2,2-Tetrachloroethane
Concen: 20.664 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 83 Resp: 62750
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.5 32.0 96.2

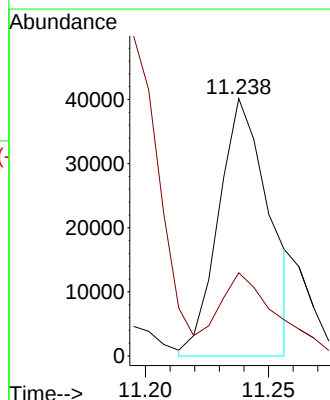
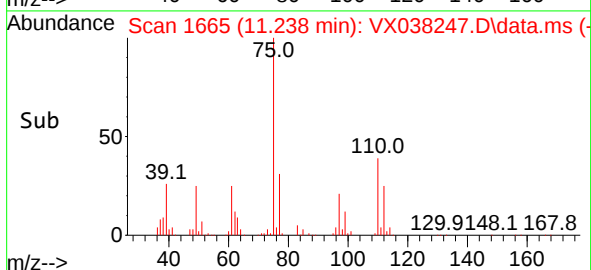
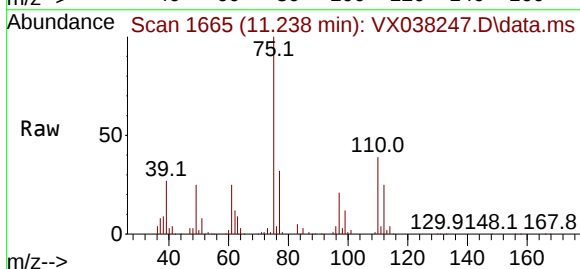
Manual Integrations
APPROVED

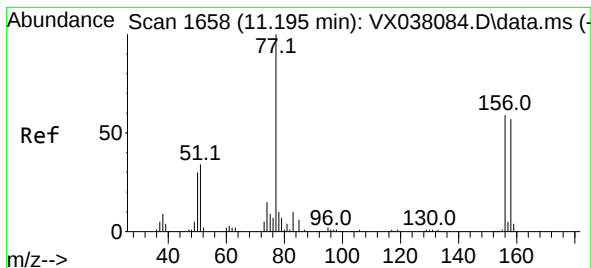
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 20.281 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 75 Resp: 56896
Ion Ratio Lower Upper
75 100
77 37.4 19.1 57.5





#77

Bromobenzene

Concen: 19.755 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

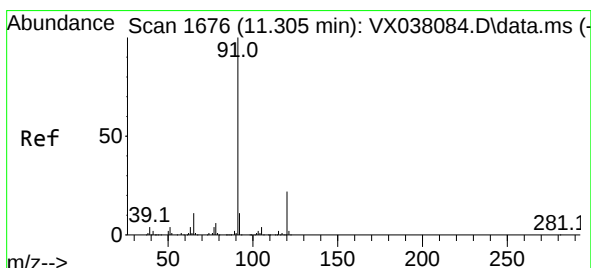
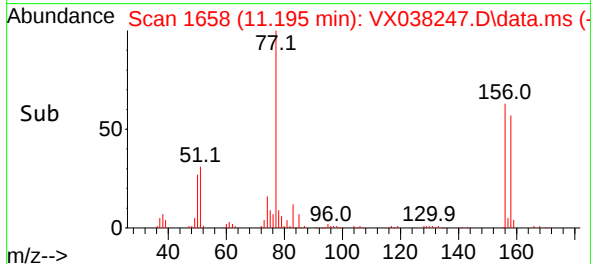
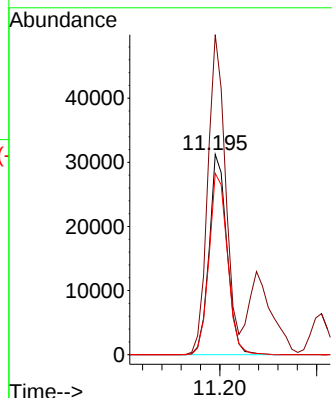
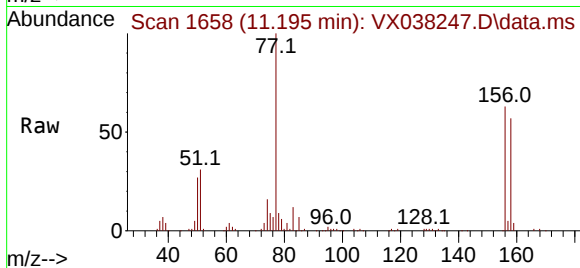
Tgt Ion:	156	Resp:	39914
Ion Ratio	Lower	Upper	
156	100		
77	158.8	88.4	265.3
158	93.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#78

n-propylbenzene

Concen: 18.566 ug/l

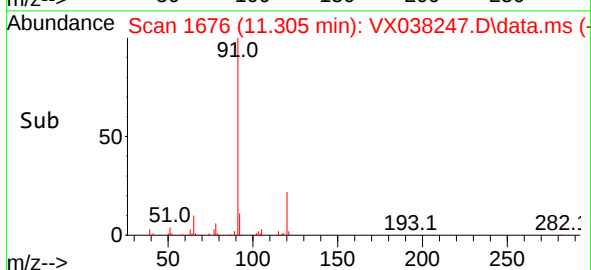
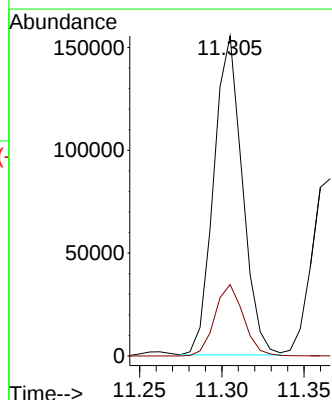
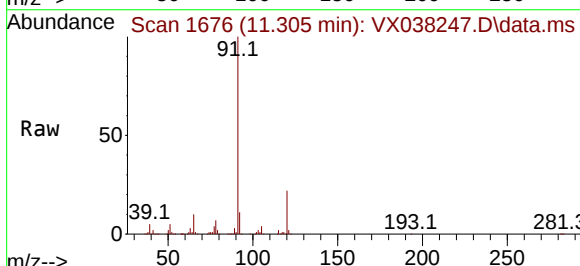
RT: 11.305 min Scan# 1676

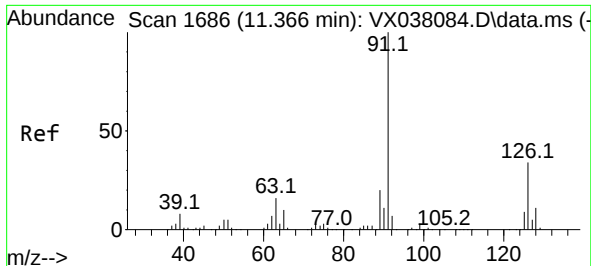
Delta R.T. -0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion:	91	Resp:	187870
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





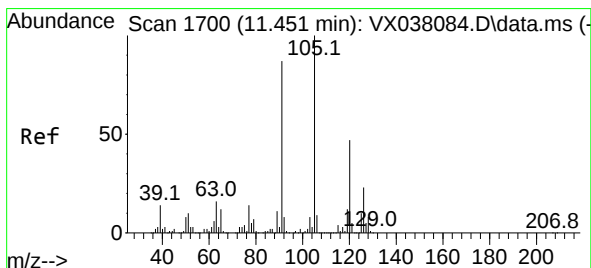
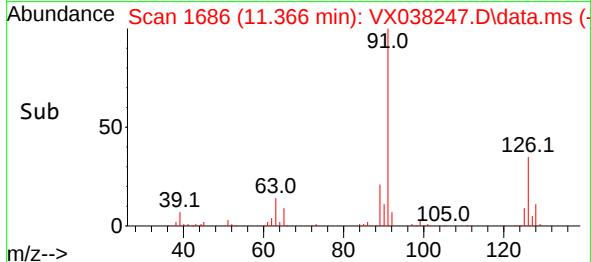
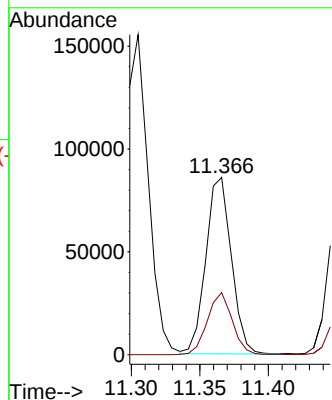
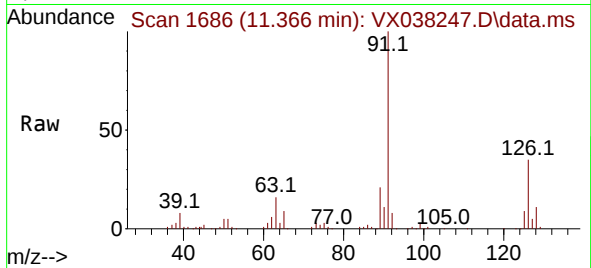
#79
2-Chlorotoluene
Concen: 18.542 ug/l
RT: 11.366 min Scan# 111272
Delta R.T. -0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion: 91 Resp: 111272
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

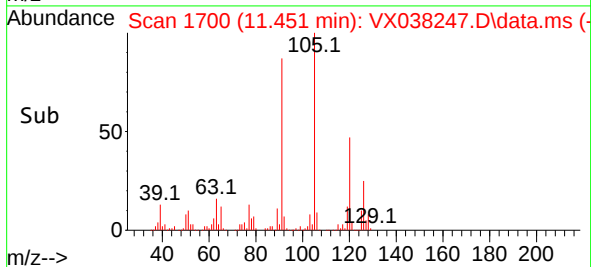
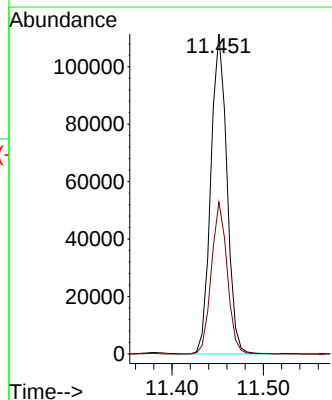
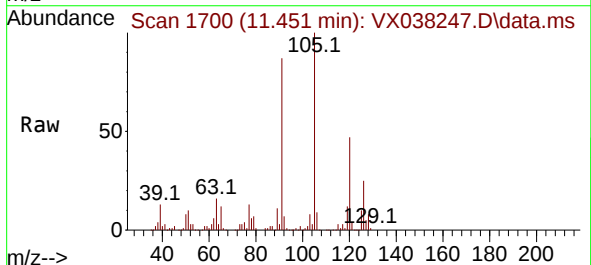
Manual Integrations
APPROVED

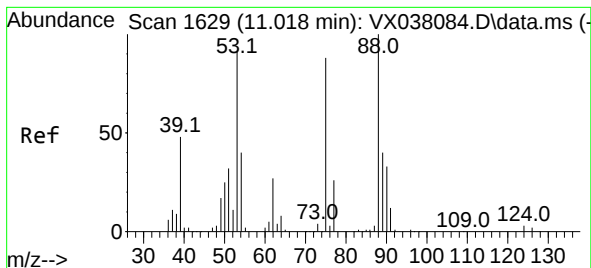
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.010 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

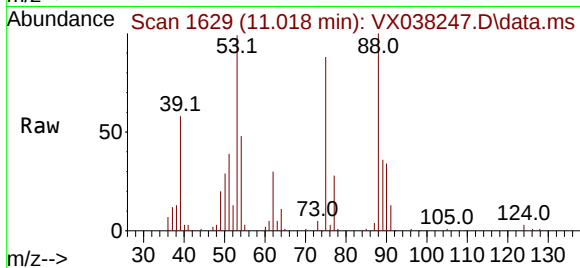
Tgt Ion:105 Resp: 135724
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.038 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

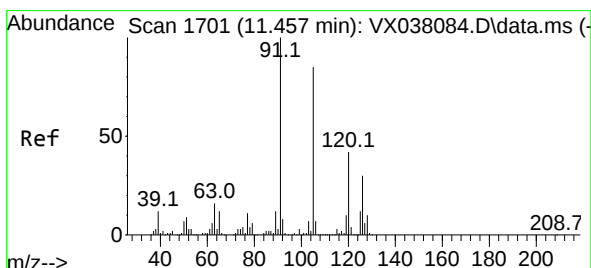
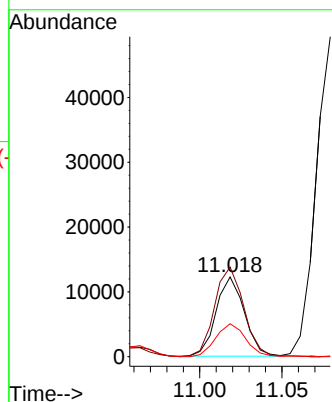
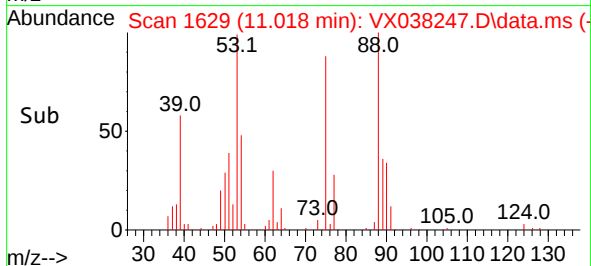
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion: 75 Resp: 14639
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 44.6 36.9 55.3

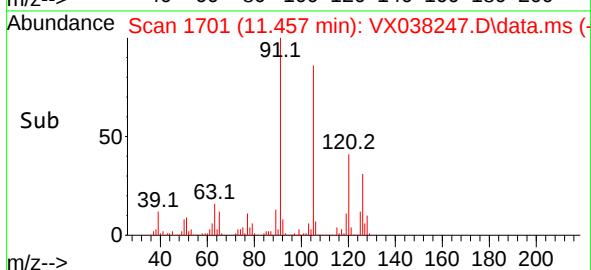
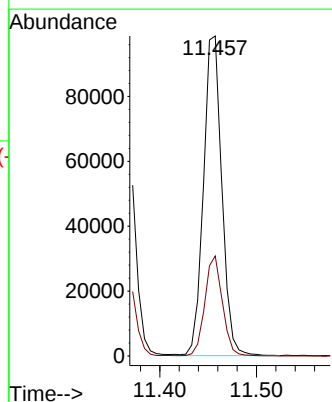
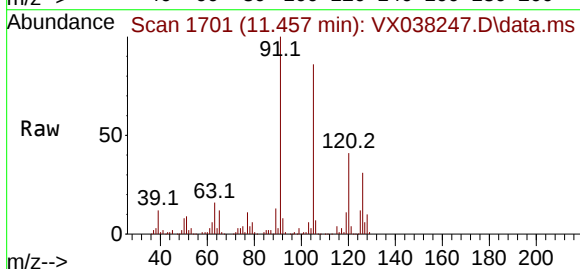
Manual Integrations
APPROVED

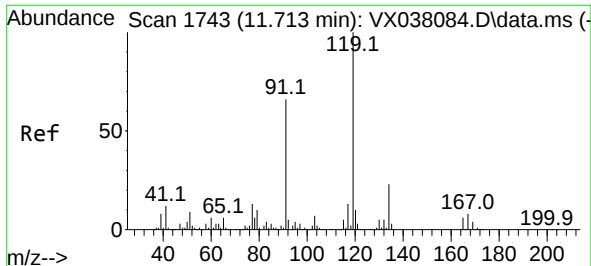
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 18.361 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

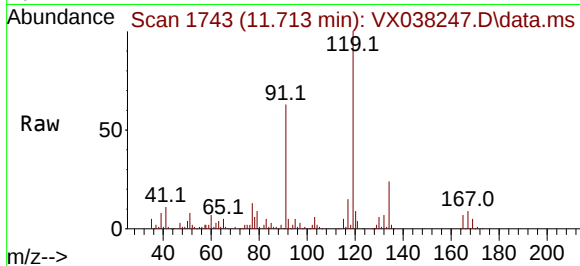
Tgt Ion: 91 Resp: 130389
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.446 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

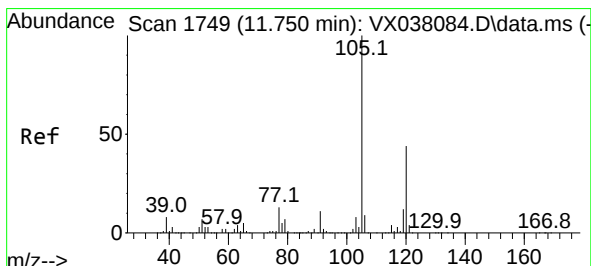
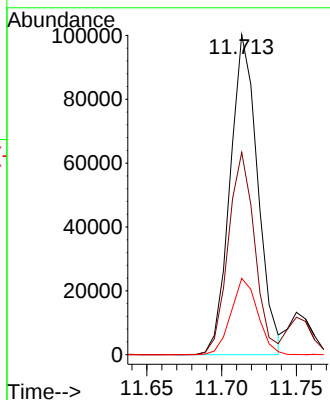
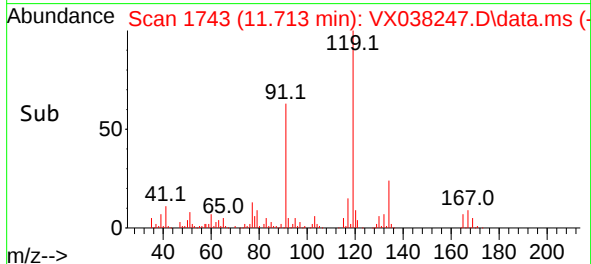
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



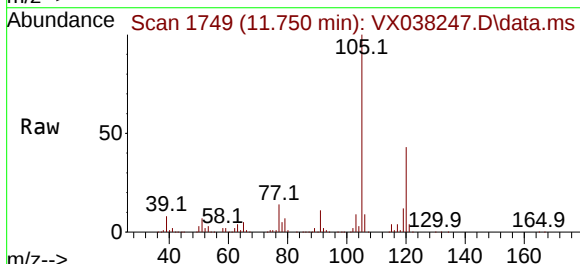
Tgt Ion:119 Resp: 12869
Ion Ratio Lower Upper
119 100
91 60.9 31.2 93.6
134 23.2 11.7 35.0

Manual Integrations
APPROVED

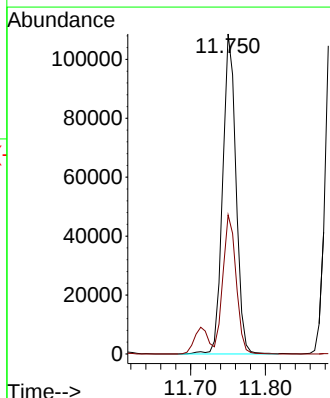
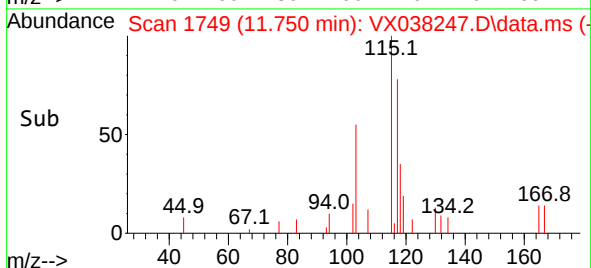
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

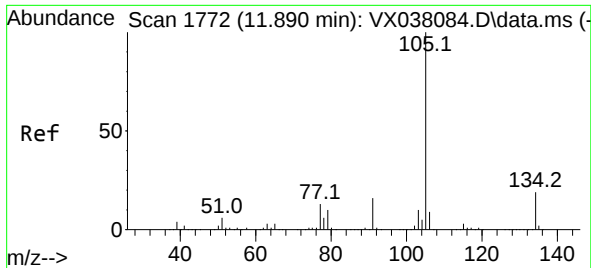


#84
1,2,4-Trimethylbenzene
Concen: 18.868 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24



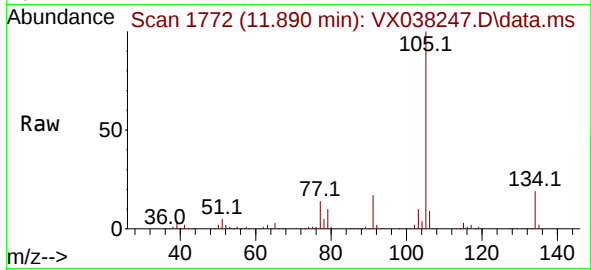
Tgt Ion:105 Resp: 134316
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.631 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24

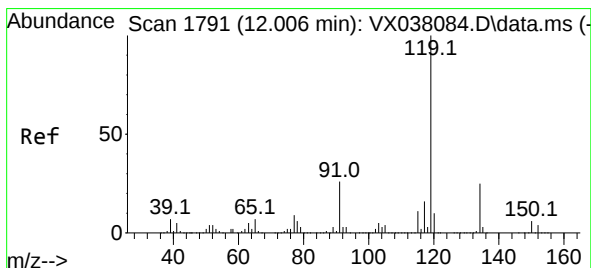
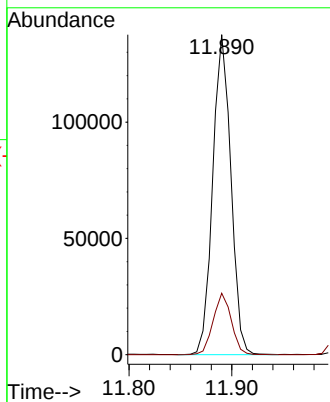
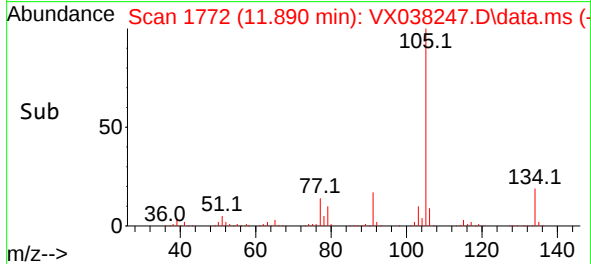
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01



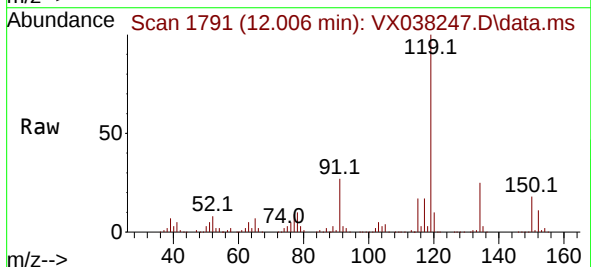
Tgt Ion:105 Resp: 168370
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

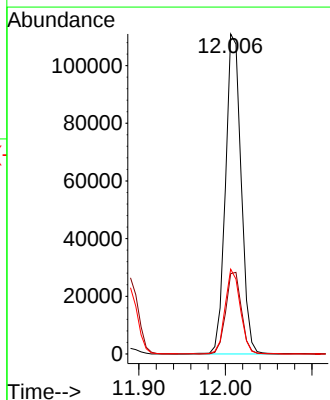
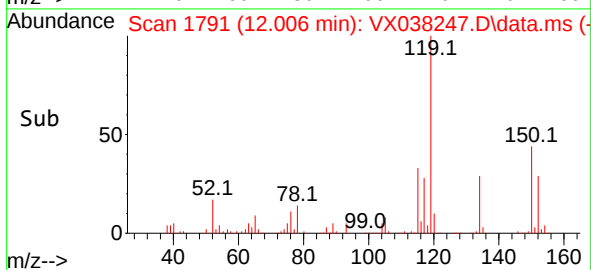
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

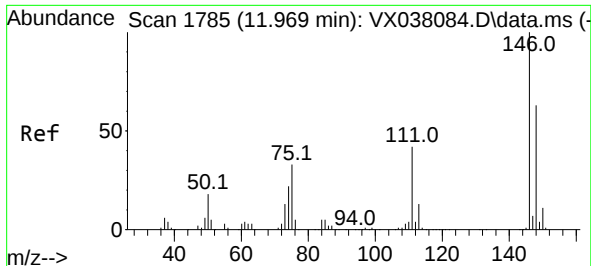


#86
 p-Isopropyltoluene
 Concen: 18.655 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038247.D
 Acq: 12 Oct 2023 11:24



Tgt Ion:119 Resp: 139094
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.755 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion:146 Resp: 76109

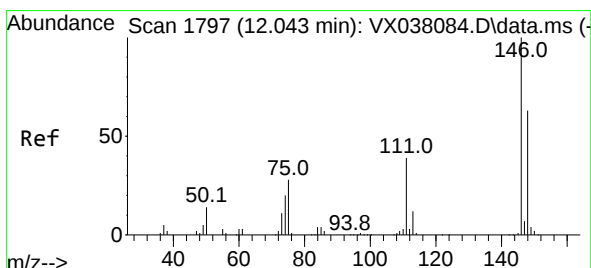
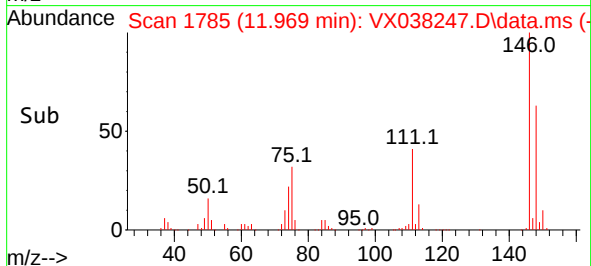
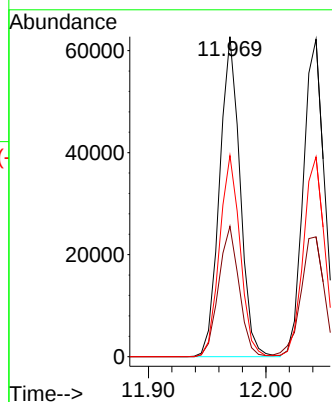
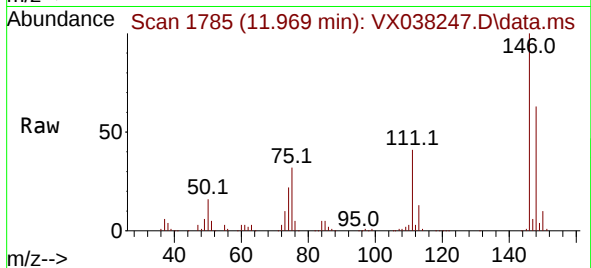
Ion	Ratio	Lower	Upper
146	100		
111	40.7	22.1	66.1
148	63.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 18.815 ug/l

RT: 12.043 min Scan# 1797

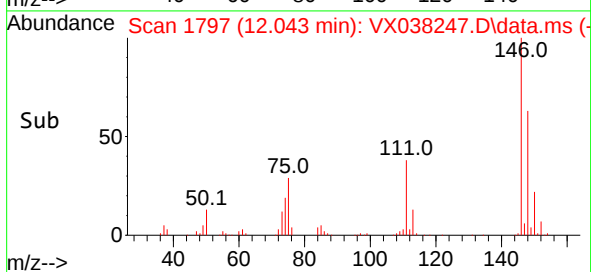
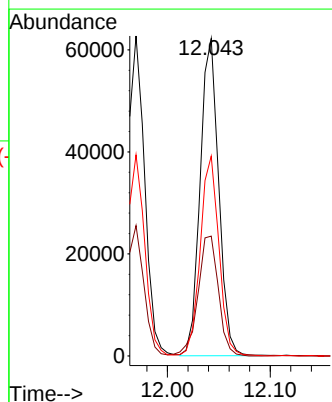
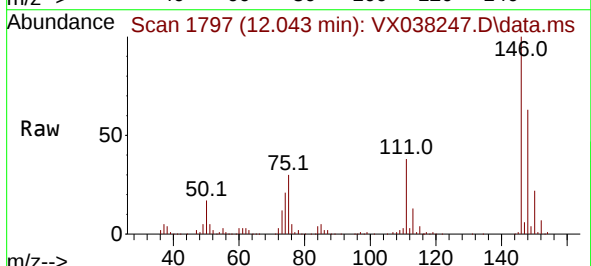
Delta R.T. -0.000 min

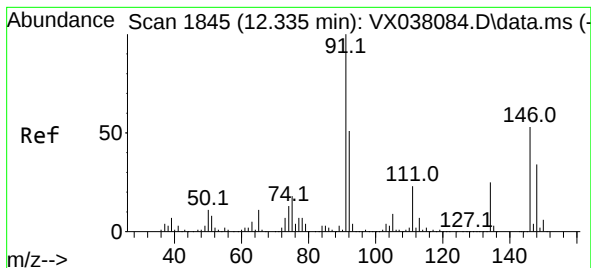
Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion:146 Resp: 77952

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 17.664 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion: 91 Resp: 13116

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

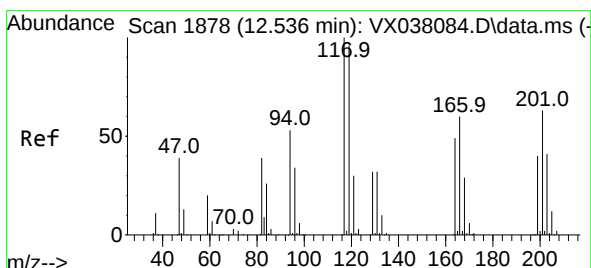
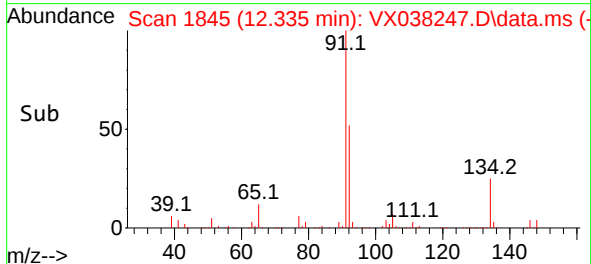
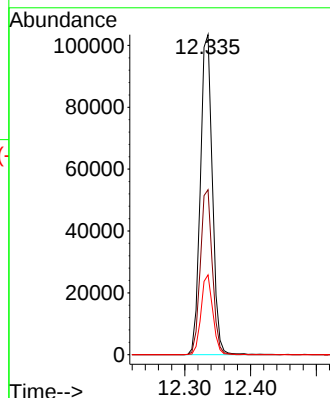
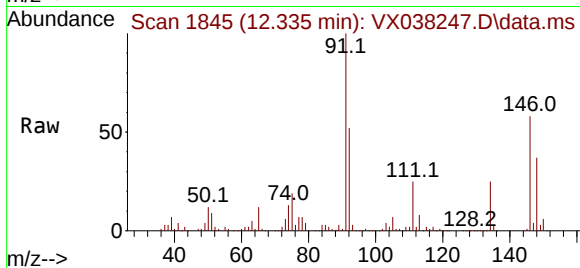
134 24.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#90

Hexachloroethane

Concen: 18.201 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038247.D

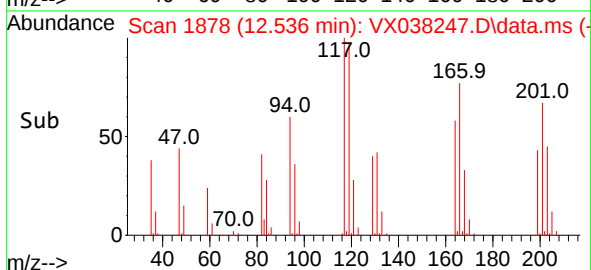
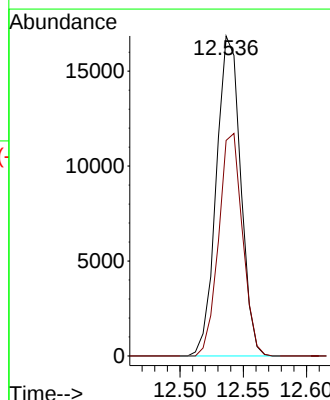
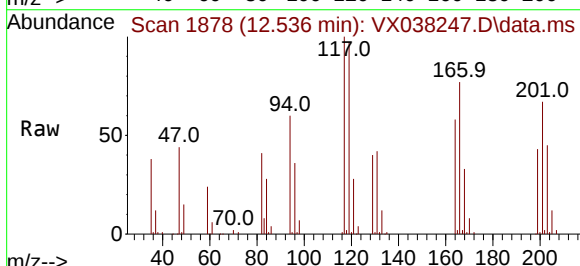
Acq: 12 Oct 2023 11:24

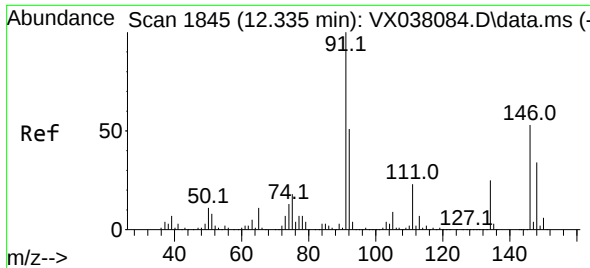
Tgt Ion:117 Resp: 22501

Ion Ratio Lower Upper

117 100

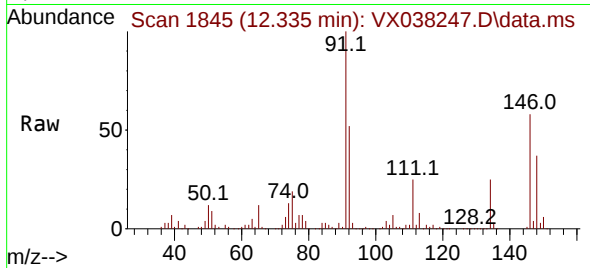
201 68.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.164 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

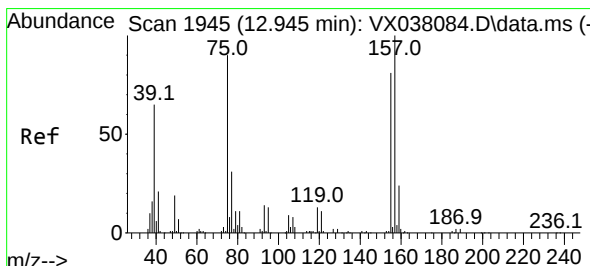
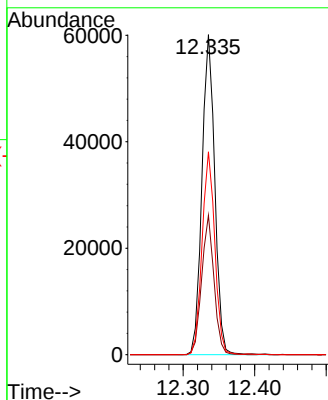
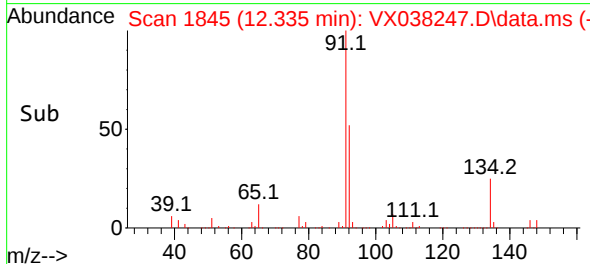
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01



Tgt Ion:146 Resp: 7475
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 63.0 31.6 95.0

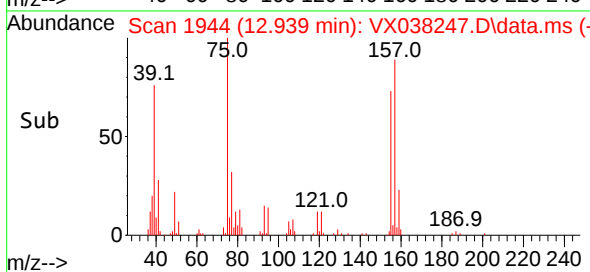
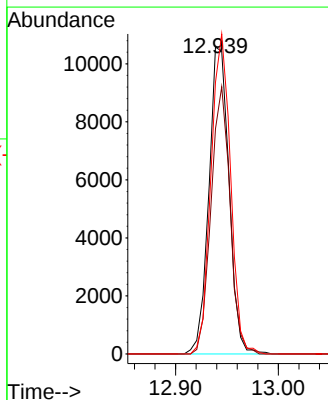
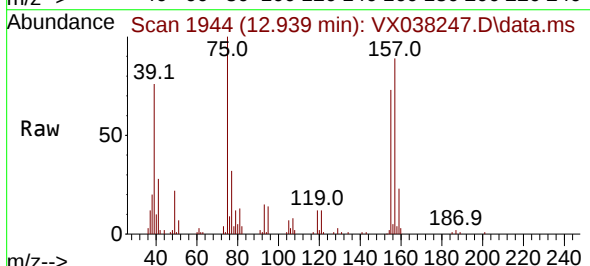
Manual Integrations
APPROVED

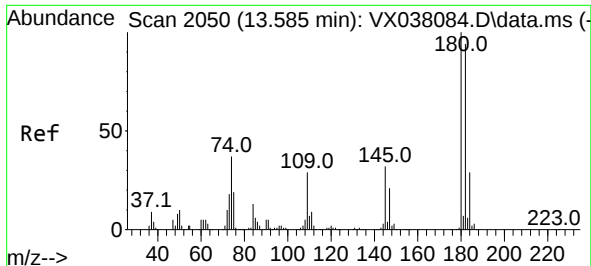
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.671 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion: 75 Resp: 14443
Ion Ratio Lower Upper
75 100
155 81.7 36.1 108.5
157 100.4 44.9 134.7





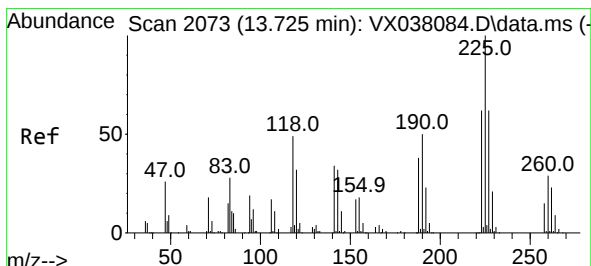
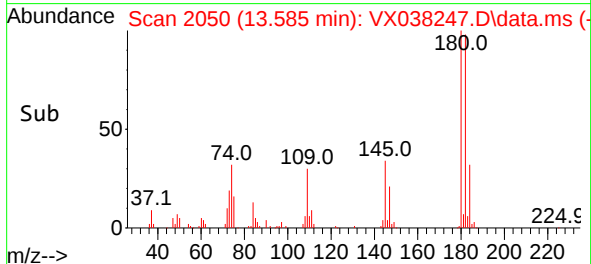
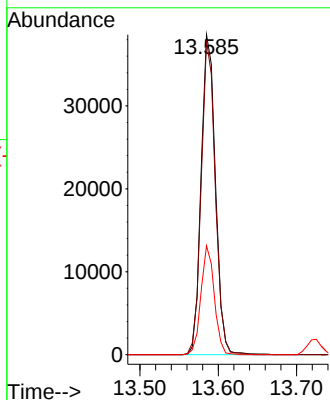
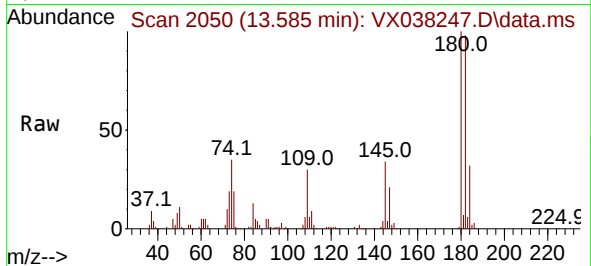
#93
1,2,4-Trichlorobenzene
Concen: 18.656 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tgt Ion:180 Resp: 4881
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.8
145 31.8 18.0 54.0

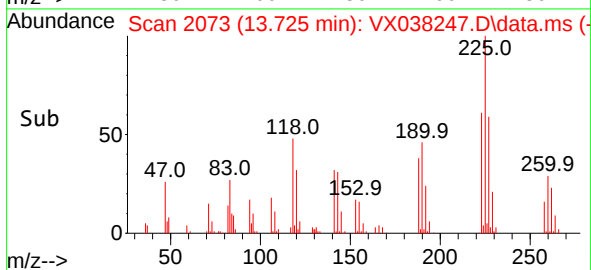
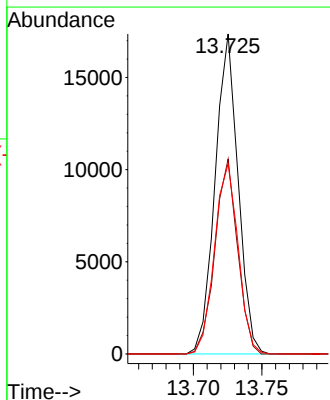
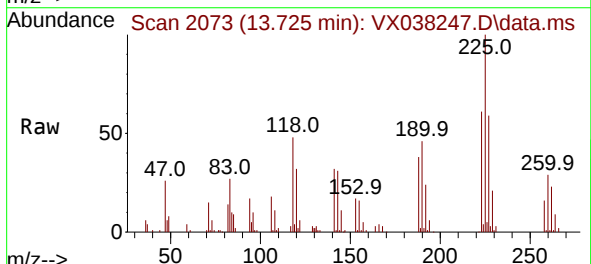
Manual Integrations
APPROVED

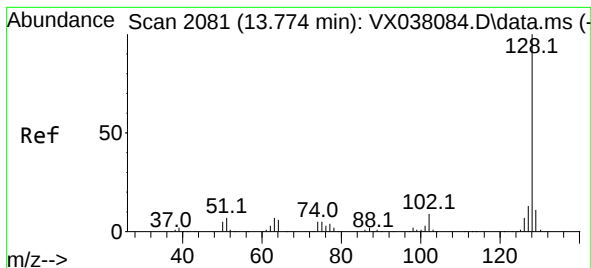
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 19.217 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038247.D
Acq: 12 Oct 2023 11:24

Tgt Ion:225 Resp: 20236
Ion Ratio Lower Upper
225 100
223 59.8 31.1 93.2
227 61.2 32.5 97.5





#95

Naphthalene

Concen: 18.402 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tgt Ion:128 Resp: 16766

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

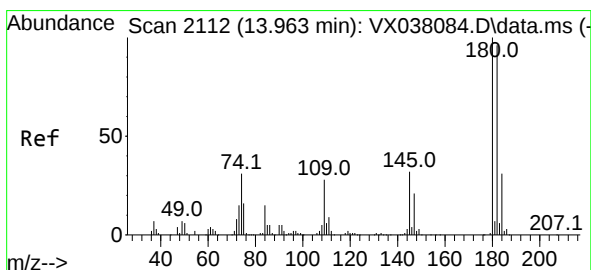
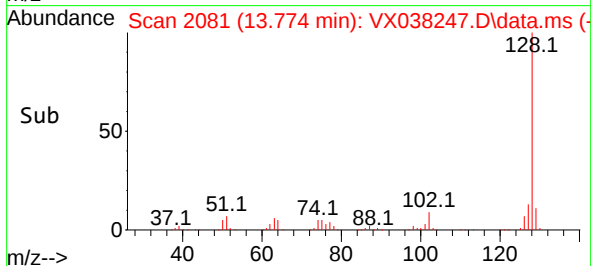
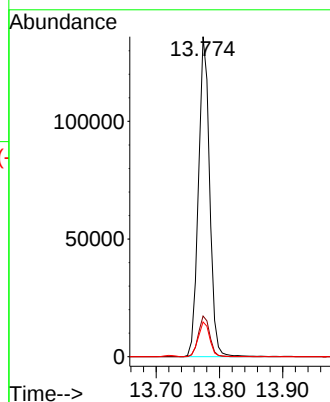
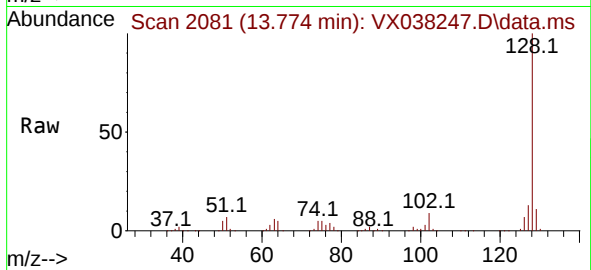
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038247.D

Acq: 12 Oct 2023 11:24

Tgt Ion:180 Resp: 47898

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.6

145 32.8 17.8 53.5

