

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033919.D
 Acq On : 26 Jan 2023 19:01
 Operator : JC/MD
 Sample : 01321-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33902

Quant Time: Jan 27 02:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	162794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79016	46.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.200%
35) Dibromofluoromethane	5.385	113	71620	48.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	8.647	98	270398	50.621	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	96972	48.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%

Target Compounds					Qvalue	
8) Diethyl Ether	2.130	74	180	0.246	ug/l #	1
11) Tert butyl alcohol	2.947	59	1192	4.003	ug/l #	86
13) Acrolein	2.221	56	703	2.559	ug/l #	1
14) Allyl chloride	2.526	41	38680	15.482	ug/l #	74
15) Acrylonitrile	3.111	53	940	1.200	ug/l #	31
16) Acetone	2.374	43	186666	302.251	ug/l	92
17) Carbon Disulfide	2.514	76	548	1.980	ug/l #	76
18) Methyl Acetate	2.825	43	3882	1.623	ug/l #	53
19) Methyl tert-butyl Ether	3.111	73	61183	13.299	ug/l	91
20) Methylene Chloride	2.788	84	206	Below Cal	#	88
22) Diisopropyl ether	3.751	45	17314	3.444	ug/l #	71
23) Vinyl Acetate	3.757	43	8498	2.246	ug/l #	72
25) 2-Butanone	4.556	43	10578	9.445	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	1150	0.646	ug/l	86
29) Tetrahydrofuran	5.013	42	213	0.302	ug/l #	34
31) Cyclohexane	5.471	56	9911	3.929	ug/l #	91
36) 1,1-Dichloropropene	5.550	75	9488	4.434	ug/l #	49
37) Ethyl Acetate	4.715	43	2412	Below Cal	#	89
38) Carbon Tetrachloride	5.550	117	13756	6.207	ug/l #	15
39) Methylcyclohexane	7.379	83	4366	1.652	ug/l #	87
40) Benzene	6.038	78	993162	159.250	ug/l	99
42) 1,2-Dichloroethane	6.038	62	8111	3.670	ug/l #	73
43) Isopropyl Acetate	6.318	43	1918	0.568	ug/l #	37
51) 4-Methyl-2-Pentanone	8.580	43	1489	0.718	ug/l #	84
52) Toluene	8.720	92	2855322	708.970	ug/l	95
53) t-1,3-Dichloropropene	8.720	75	32335	15.375	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	353	0.221	ug/l #	16
59) 2-Hexanone	9.439	43	754	0.522	ug/l	96
67) Ethyl Benzene	10.195	91	764932	101.158	ug/l	99
68) m/p-Xylenes	10.299	106	1122393	379.483	ug/l	98
69) o-Xylene	10.640	106	631822	215.406	ug/l	99
70) Styrene	10.640	104	37006	7.758	ug/l #	1
73) Isopropylbenzene	10.964	105	60188	6.105	ug/l	99
76) 1,2,3-Trichloropropane	11.378	75	4193	2.074	ug/l #	1
78) n-propylbenzene	11.305	91	86204	9.599	ug/l	100
79) 2-Chlorotoluene	11.378	91	66121	11.323	ug/l #	39

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

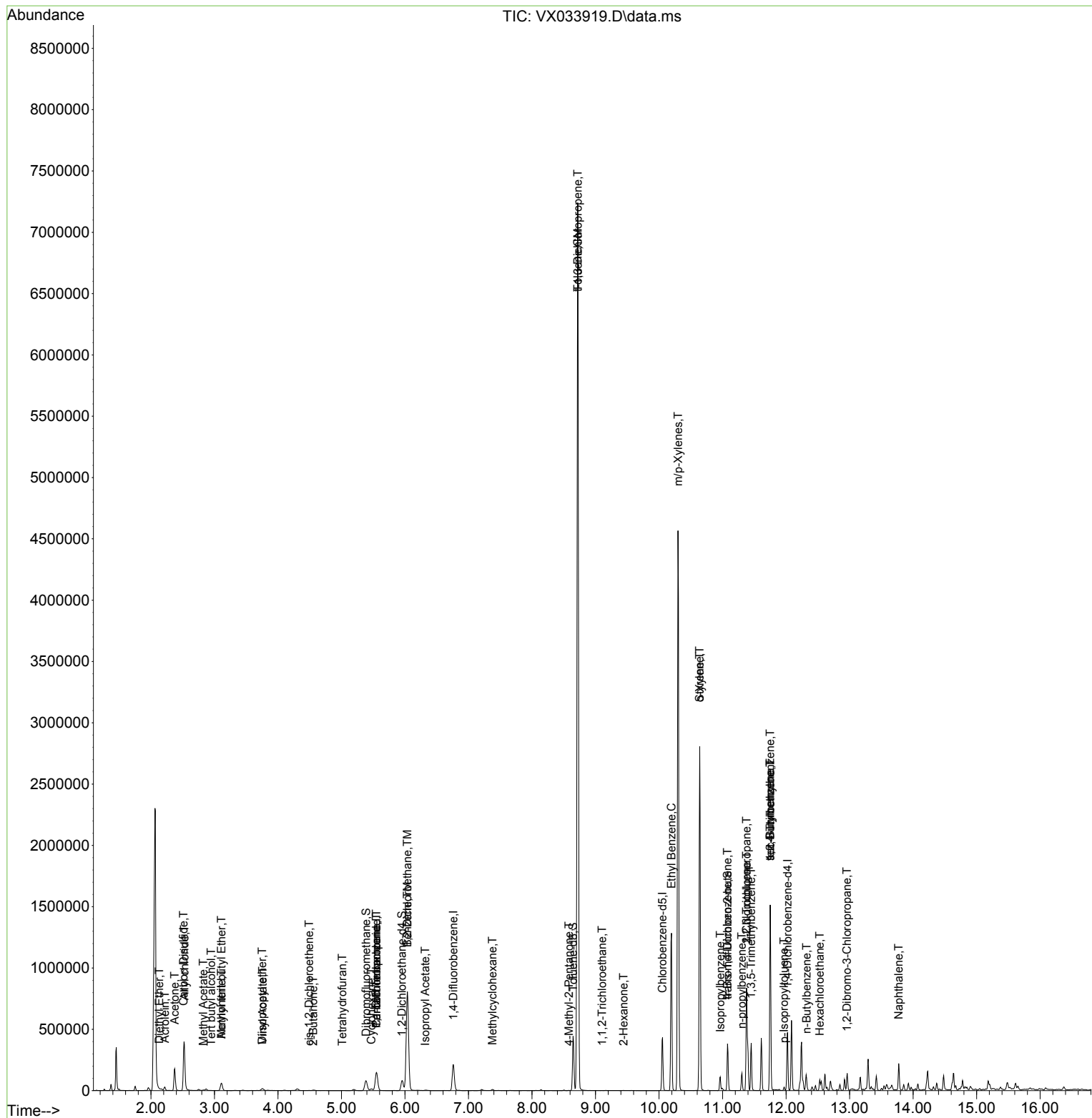
80) 1,3,5-Trimethylbenzene	11.451	105	167772	25.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	44685	68.677	ug/l #	8
83) tert-Butylbenzene	11.750	119	83256	12.661	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.750	105	655007	104.557	ug/l	98
85) sec-Butylbenzene	11.750	105	655007	83.281	ug/l #	54
86) p-Isopropyltoluene	11.969	119	12757	1.895	ug/l	99
89) n-Butylbenzene	12.323	91	15128	2.746	ug/l #	2
90) Hexachloroethane	12.530	117	3517	3.175	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	12.957	75	388	0.864	ug/l #	1
95) Naphthalene	13.774	128	137987	19.842	ug/l	99

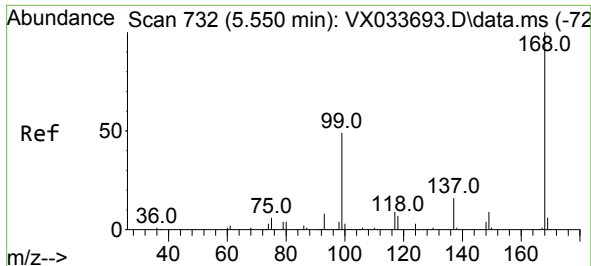
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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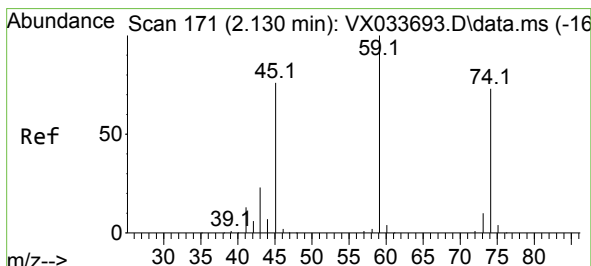
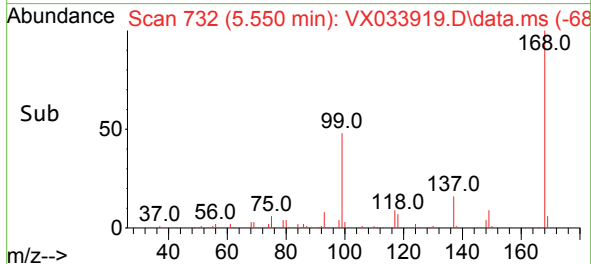
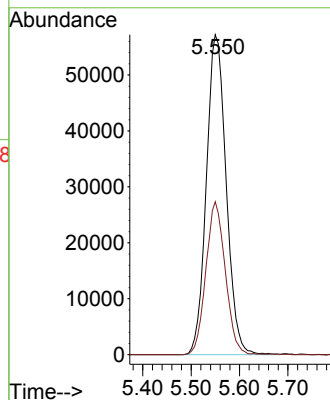
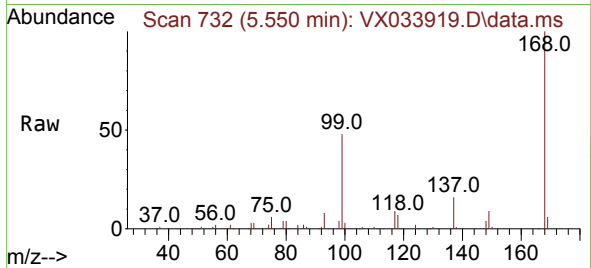




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033919.D
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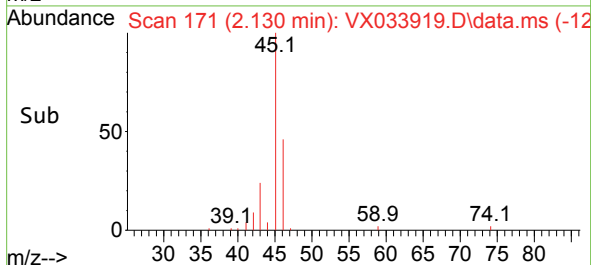
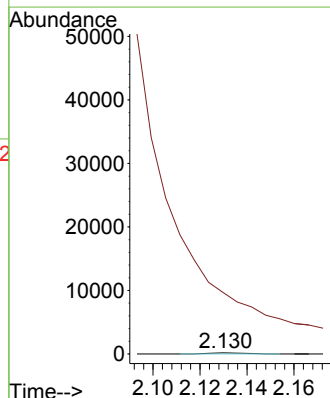
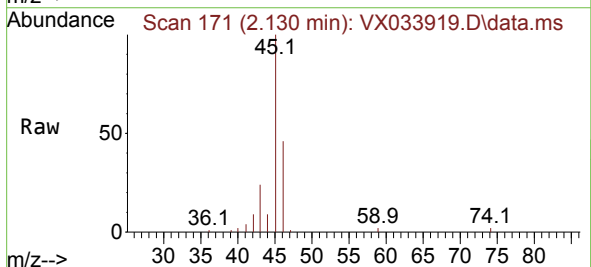
Instrument :
MSVOA_X
ClientSampleId :
33902

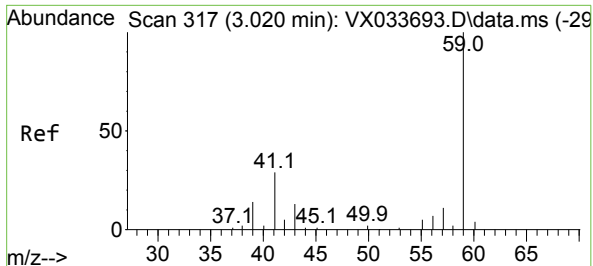
Tgt Ion:168 Resp: 162794
Ion Ratio Lower Upper
168 100
99 47.8 39.6 59.4



#8
Diethyl Ether
Concen: 0.246 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 74 Resp: 180
Ion Ratio Lower Upper
74 100
45 0.0 51.5 154.5#





#11

Tert butyl alcohol

Concen: 4.003 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.073 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

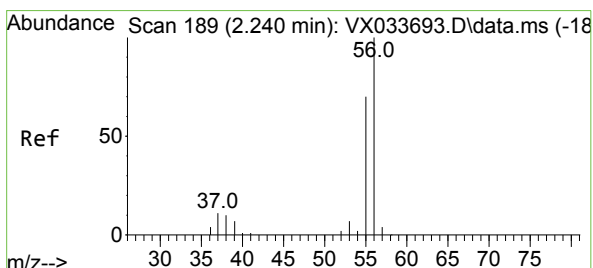
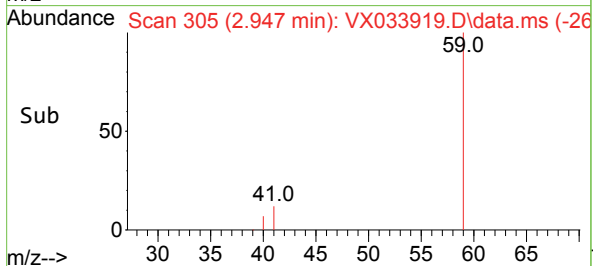
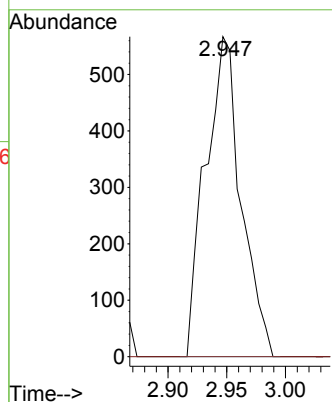
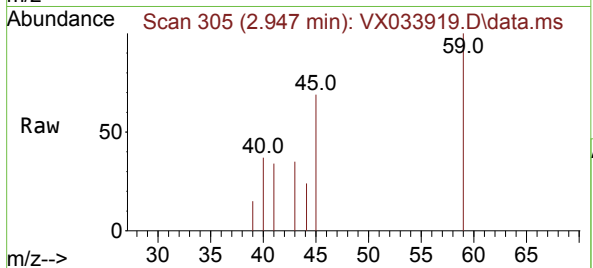
33902

Tgt Ion: 59 Resp: 1192

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 2.559 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX033919.D

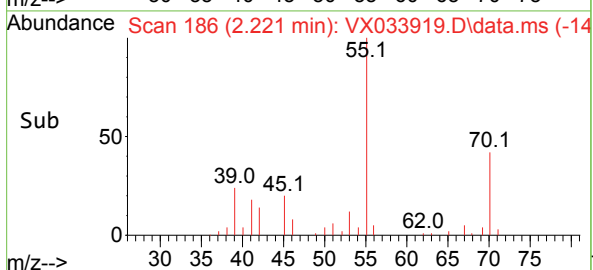
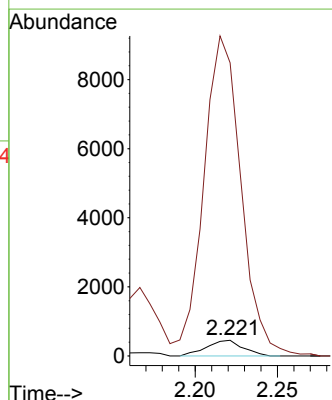
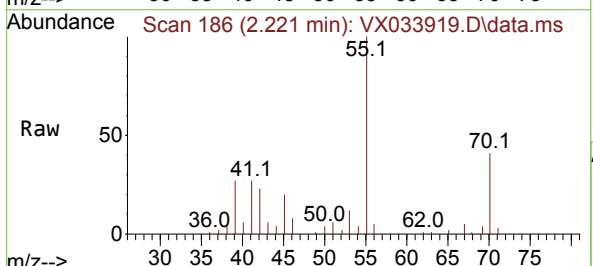
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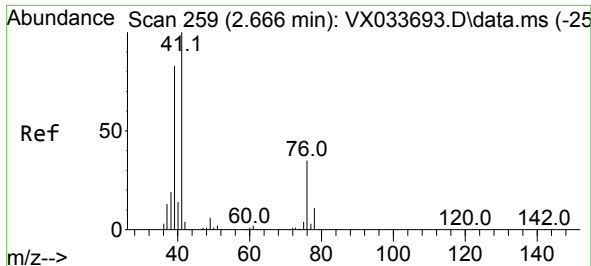
Tgt Ion: 56 Resp: 703

Ion Ratio Lower Upper

56 100

55 2084.2 56.3 84.5#

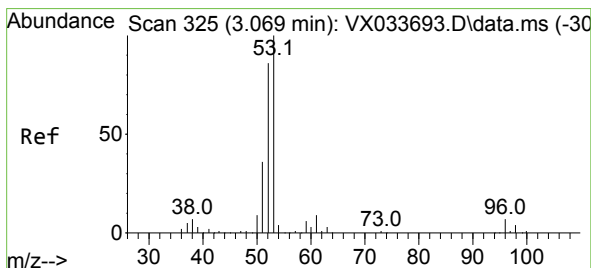
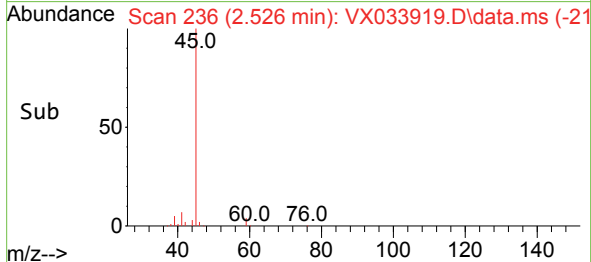
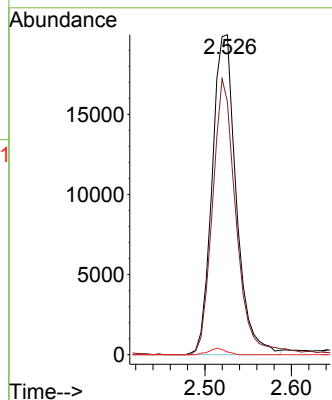
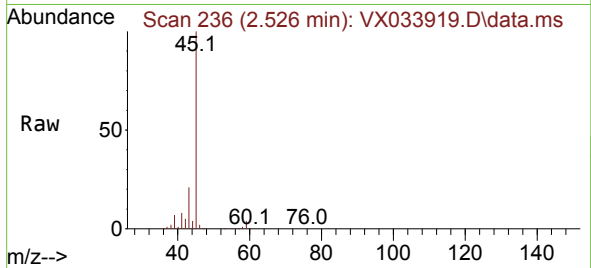




#14
 Allyl chloride
 Concen: 15.482 ug/l
 RT: 2.526 min Scan# 21
 Delta R.T. -0.140 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

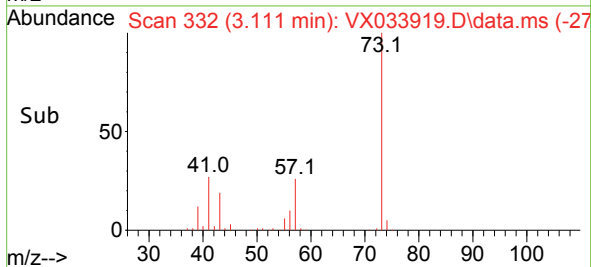
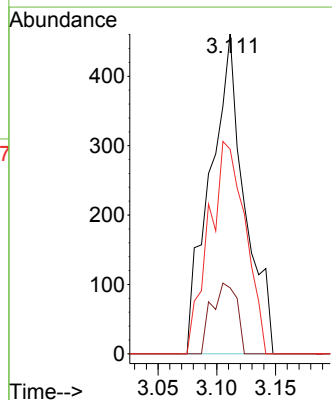
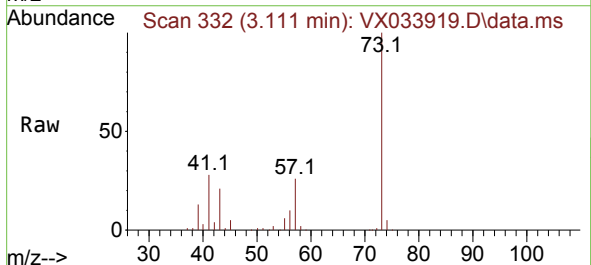
Instrument :
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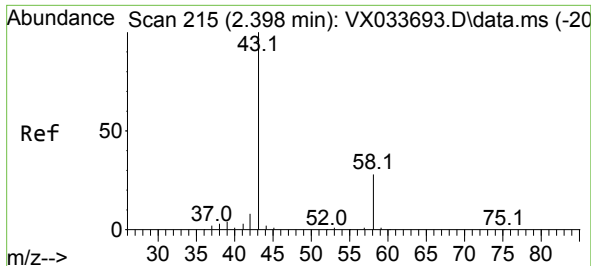
Tgt Ion: 41 Resp: 38680
 Ion Ratio Lower Upper
 41 100
 39 85.4 59.0 88.4
 76 1.4 24.6 37.0#



#15
 Acrylonitrile
 Concen: 1.200 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.043 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

Tgt Ion: 53 Resp: 940
 Ion Ratio Lower Upper
 53 100
 52 16.2 65.7 98.5#
 51 70.2 29.0 43.4#

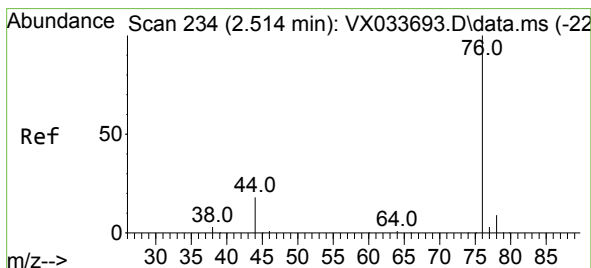
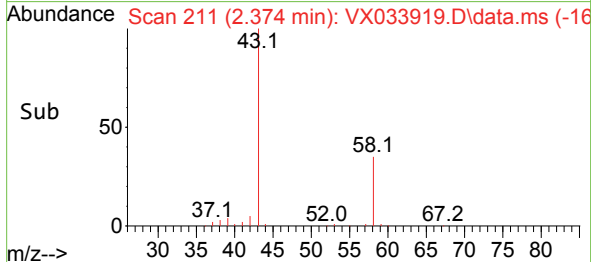
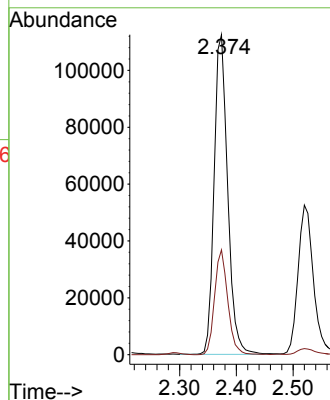
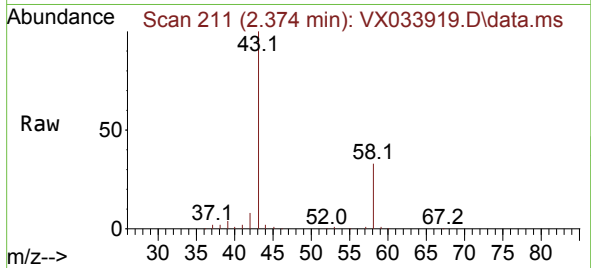




#16
Acetone
Concen: 302.251 ug/l
RT: 2.374 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

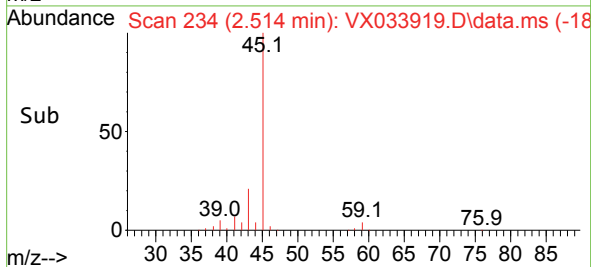
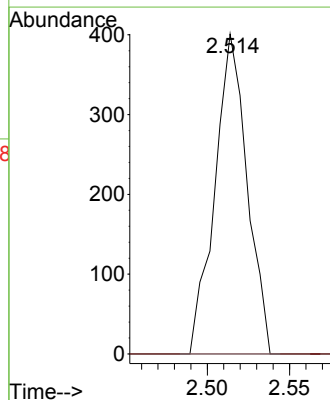
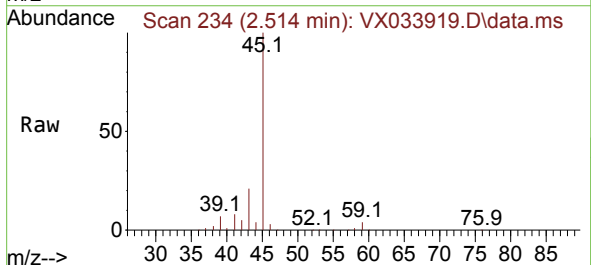
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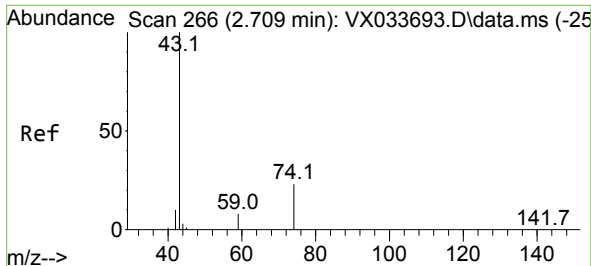
Tgt Ion: 43 Resp: 186666
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8



#17
Carbon Disulfide
Concen: 1.980 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 76 Resp: 548
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

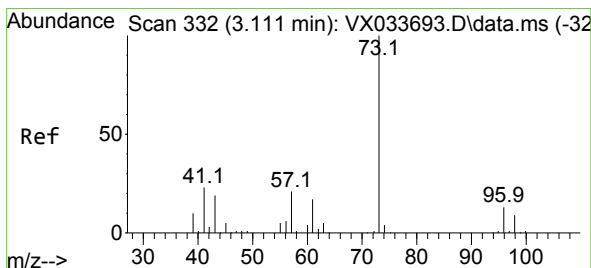
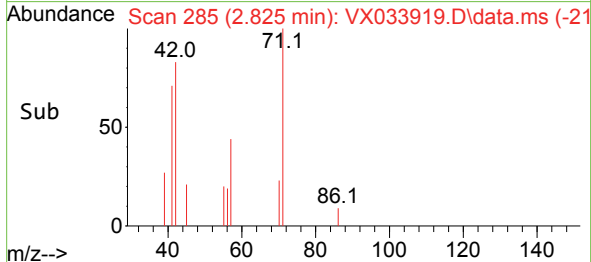
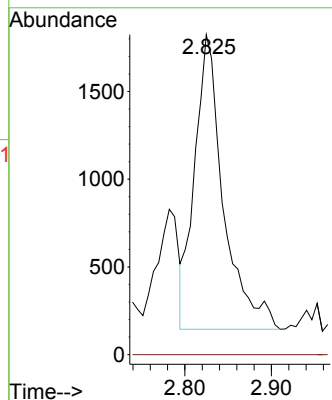
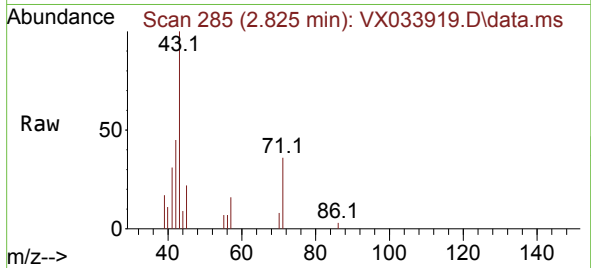




#18
Methyl Acetate
Concen: 1.623 ug/l
RT: 2.825 min Scan# 21
Delta R.T. 0.116 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

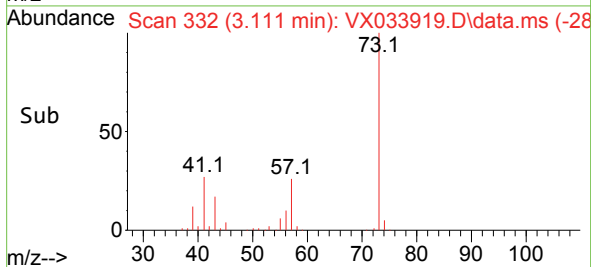
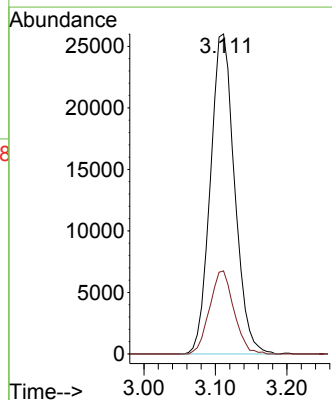
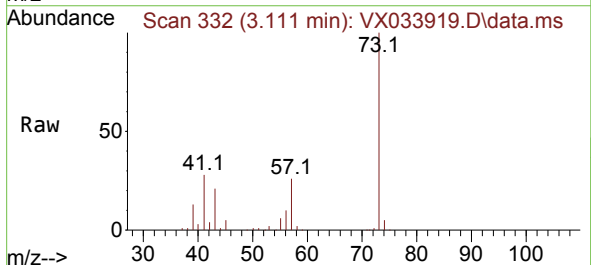
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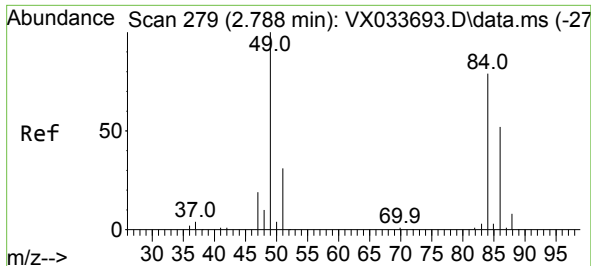
Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#19
Methyl tert-butyl Ether
Concen: 13.299 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 73 Resp: 61183
Ion Ratio Lower Upper
73 100
57 25.9 17.4 26.0





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033919.D

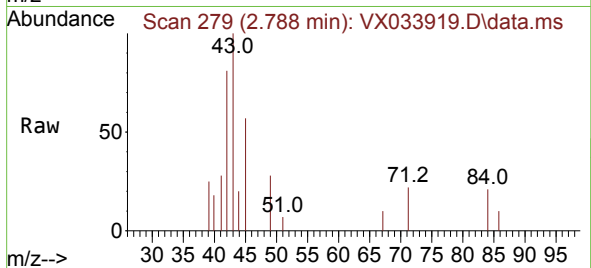
Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902



Tgt Ion: 84 Resp: 206

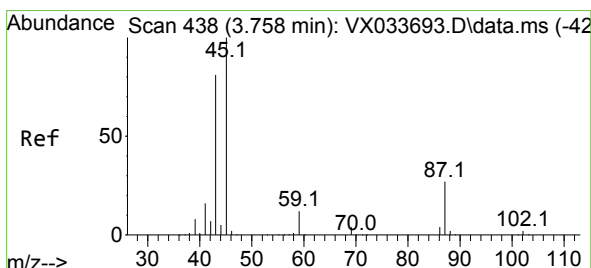
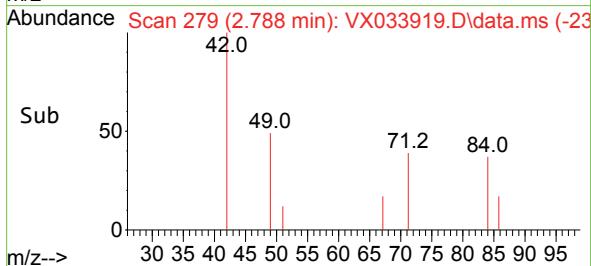
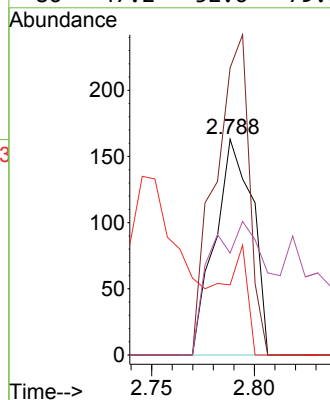
Ion Ratio Lower Upper

84 100

49 133.1 101.1 151.7

51 32.5 31.0 46.6

86 47.2 52.6 79.0#



#22

Diisopropyl ether

Concen: 3.444 ug/l

RT: 3.751 min Scan# 437

Delta R.T. -0.006 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Tgt Ion: 45 Resp: 17314

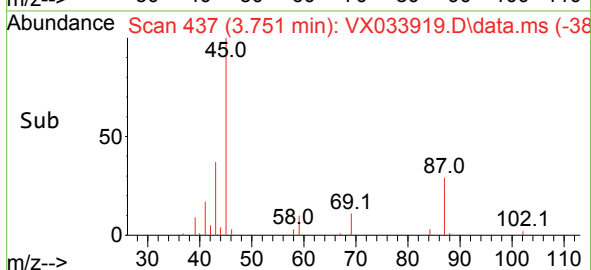
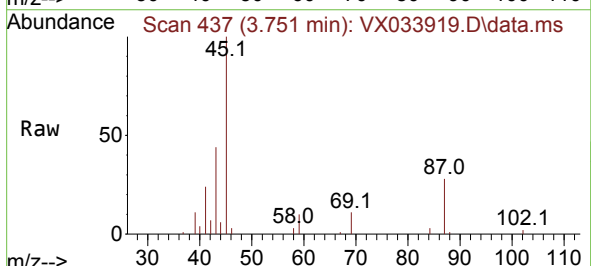
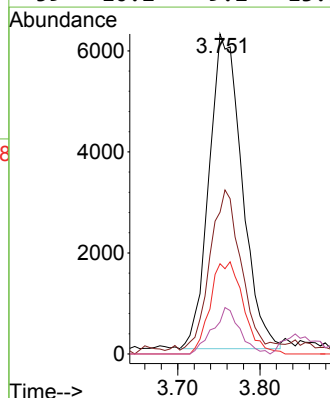
Ion Ratio Lower Upper

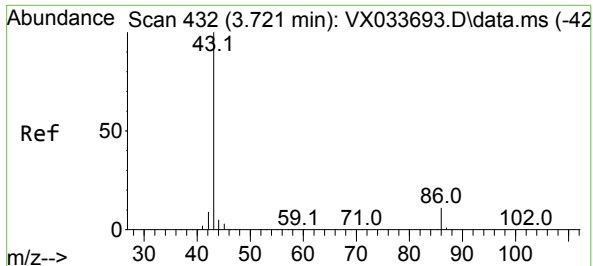
45 100

43 43.9 64.6 97.0#

87 28.7 21.9 32.9

59 10.2 9.2 13.8

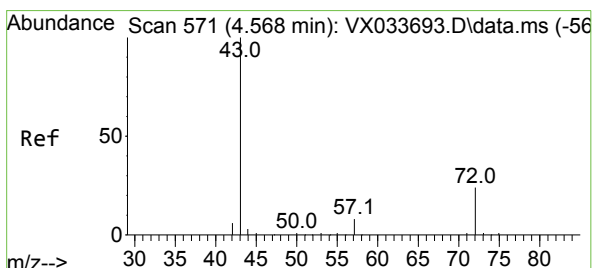
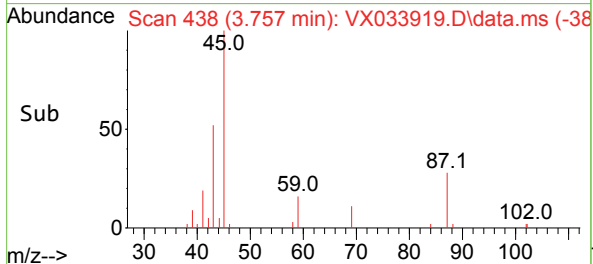
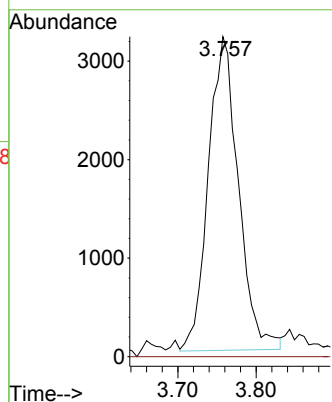
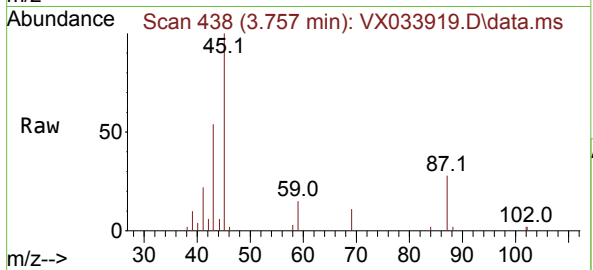




#23
 Vinyl Acetate
 Concen: 2.246 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

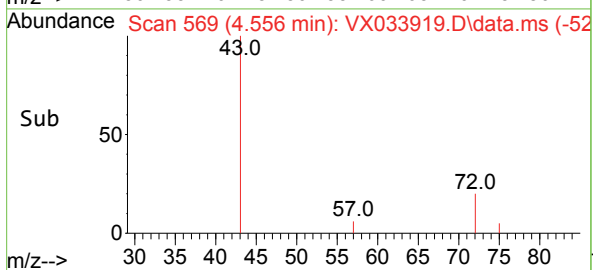
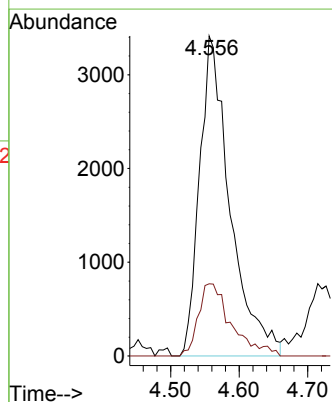
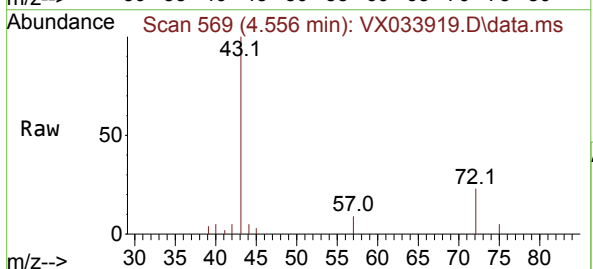
Instrument :
 MSVOA_X
 ClientSampleId :
 33902

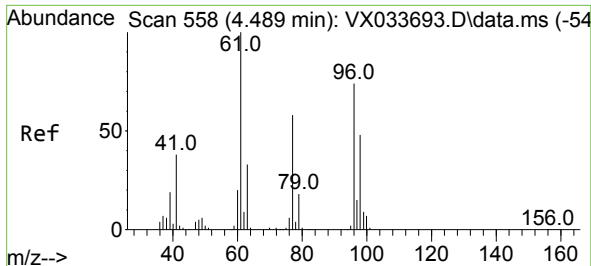
Tgt Ion: 43 Resp: 8498
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 9.445 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.012 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

Tgt Ion: 43 Resp: 10578
 Ion Ratio Lower Upper
 43 100
 72 22.6 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 0.646 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902

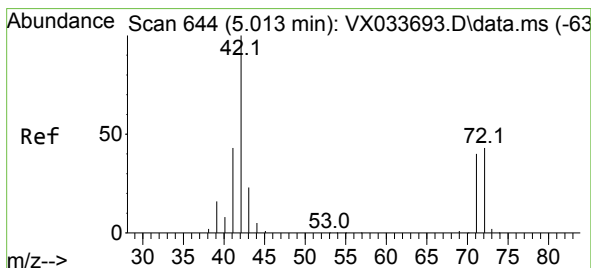
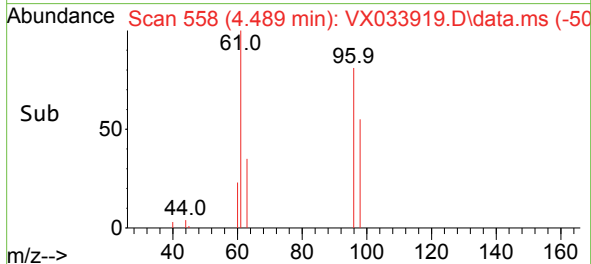
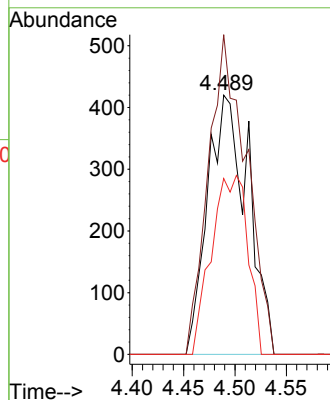
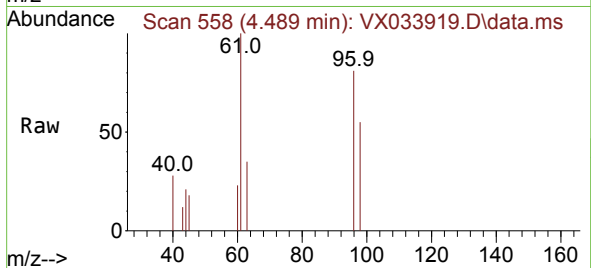
Tgt Ion: 96 Resp: 1150

Ion Ratio Lower Upper

96 100

61 115.7 0.0 277.6

98 62.3 0.0 128.0



#29

Tetrahydrofuran

Concen: 0.302 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

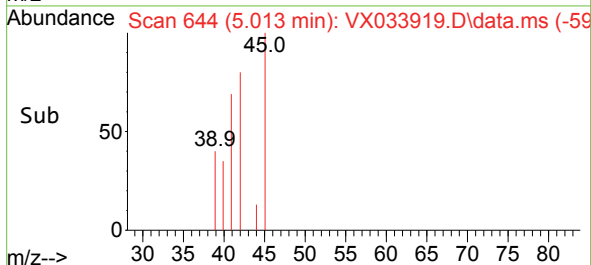
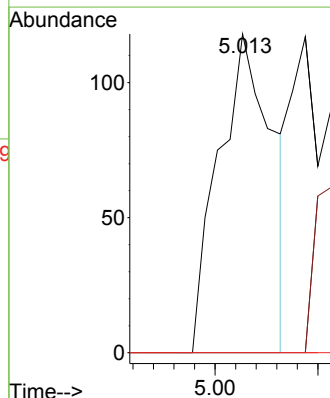
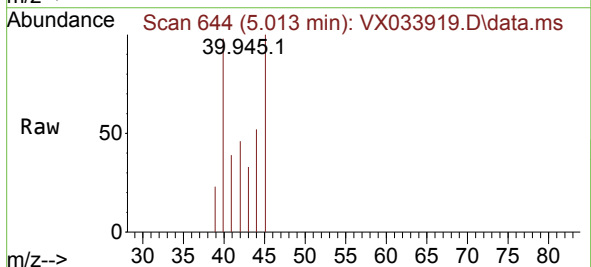
Tgt Ion: 42 Resp: 213

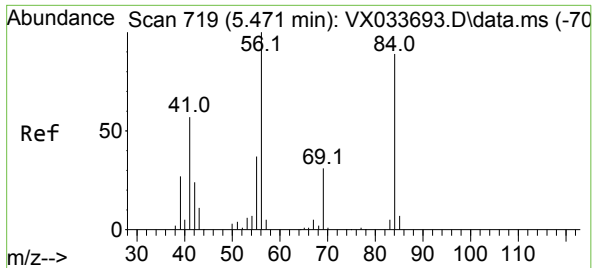
Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#

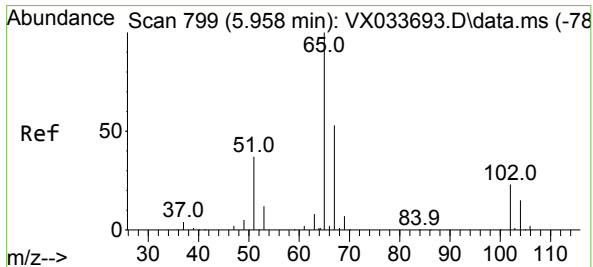
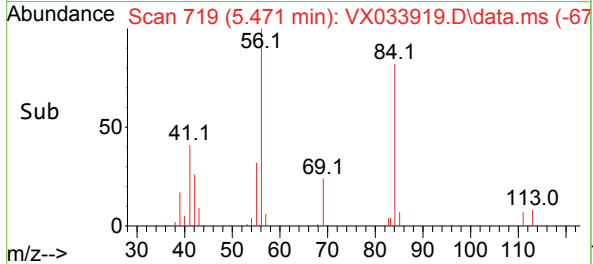
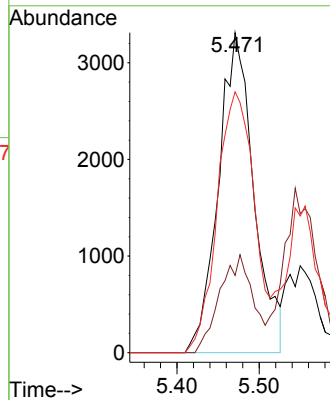
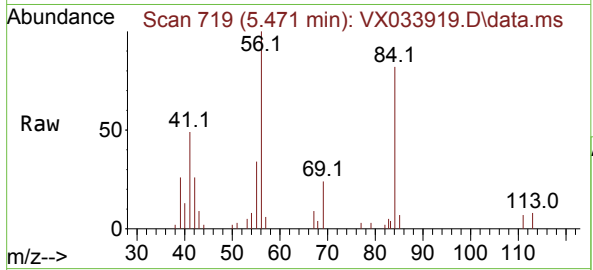




#31
Cyclohexane
Concen: 3.929 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

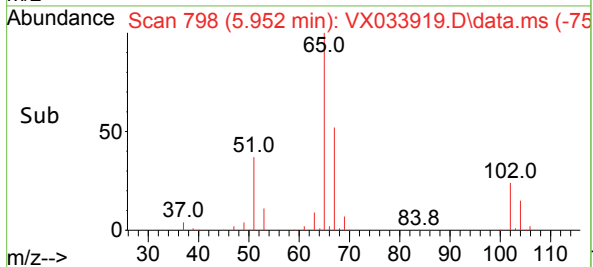
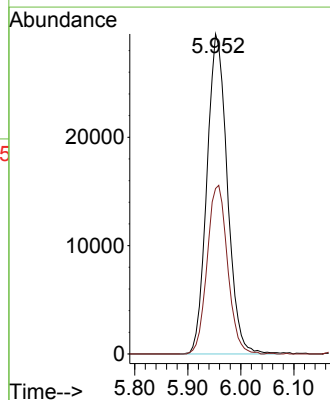
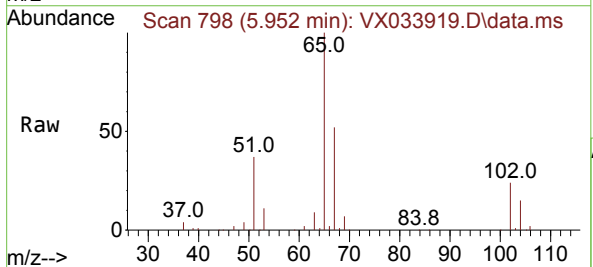
Instrument :
MSVOA_X
ClientSampleId :
33902

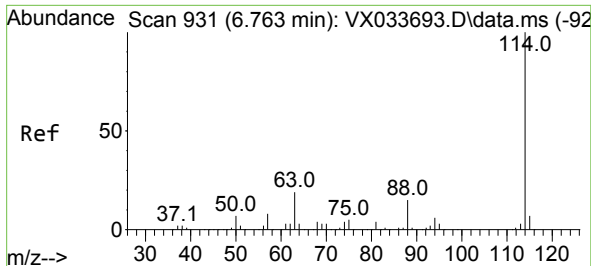
Tgt Ion: 56 Resp: 9911
Ion Ratio Lower Upper
56 100
69 24.2 24.6 37.0#
84 81.5 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 46.098 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 65 Resp: 79016
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

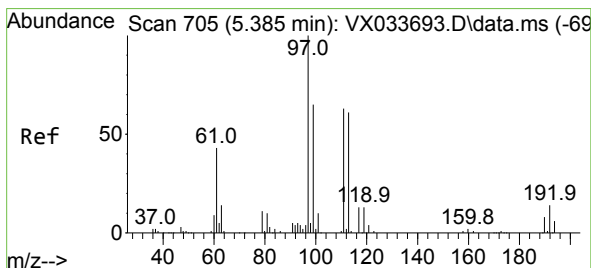
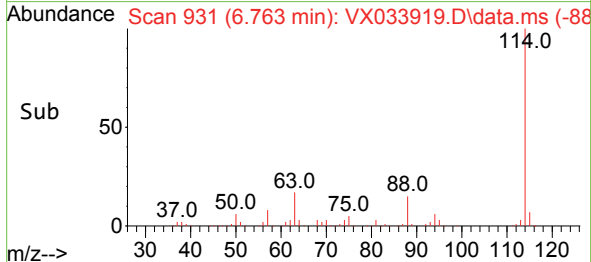
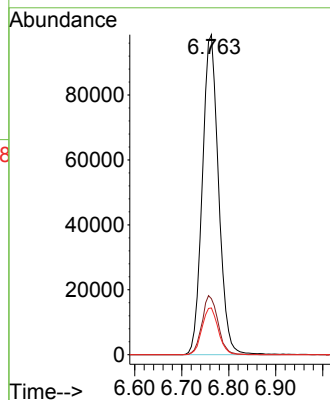
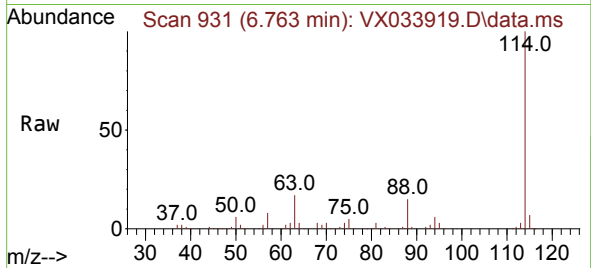




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

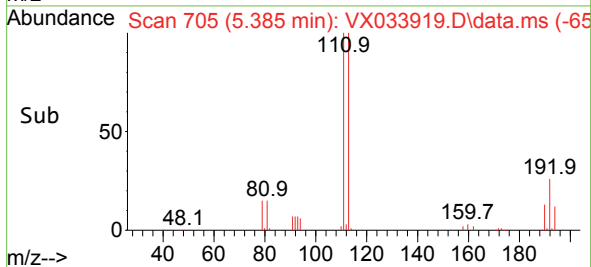
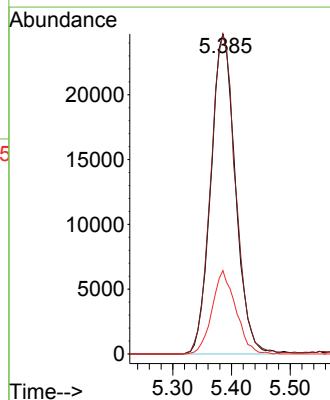
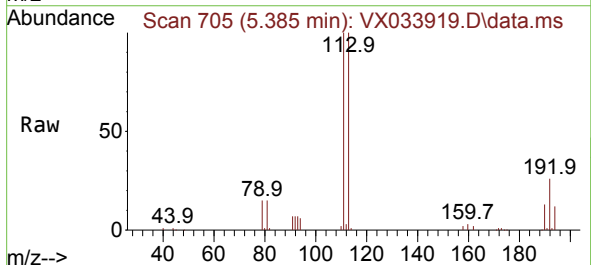
Instrument :
MSVOA_X
ClientSampleId :
33902

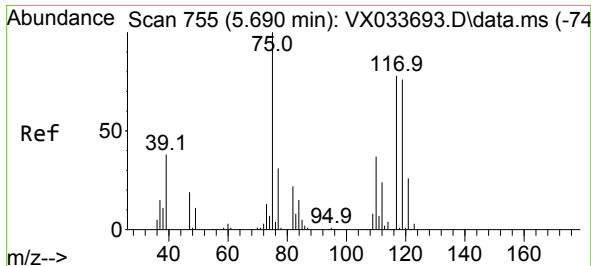
Tgt Ion:114 Resp: 236098
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.853 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion:113 Resp: 71620
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.6
192 25.2 19.0 28.4

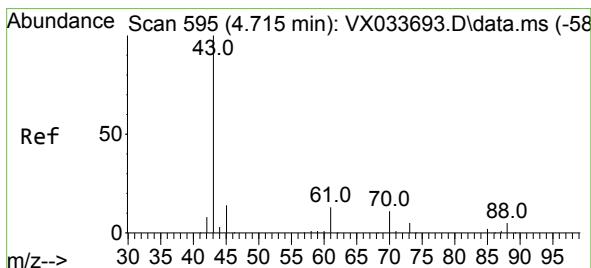
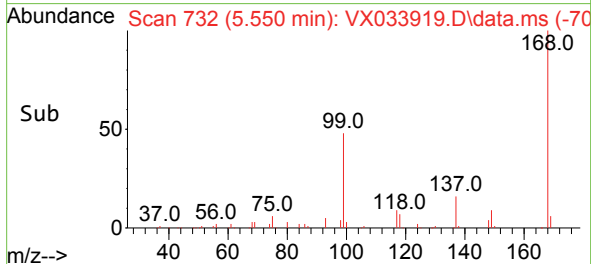
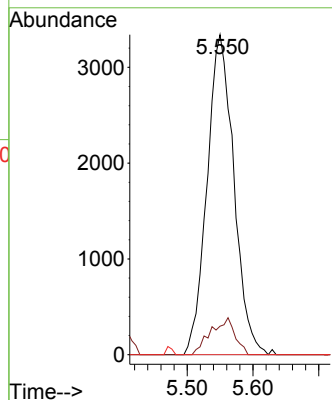
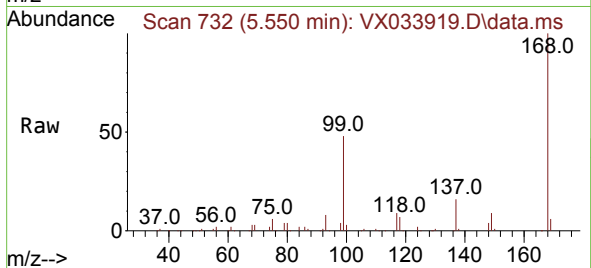




#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

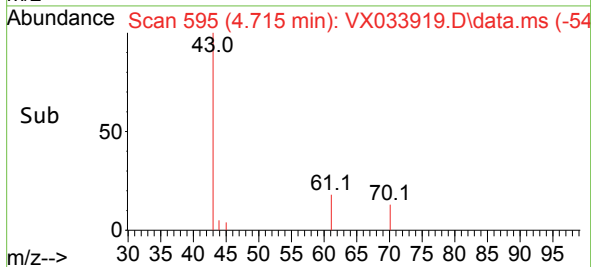
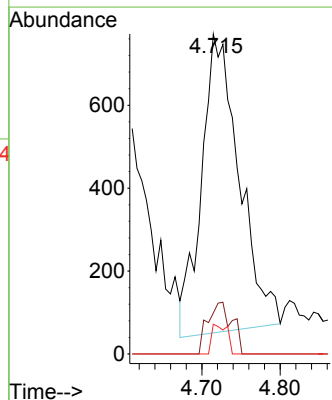
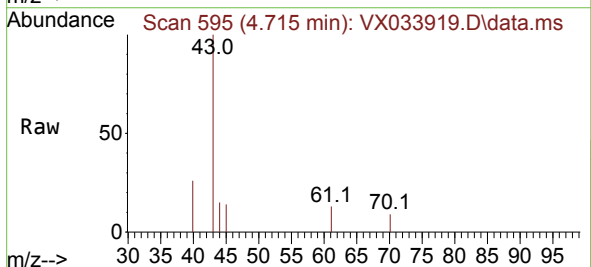
Instrument :
MSVOA_X
ClientSampleId :
33902

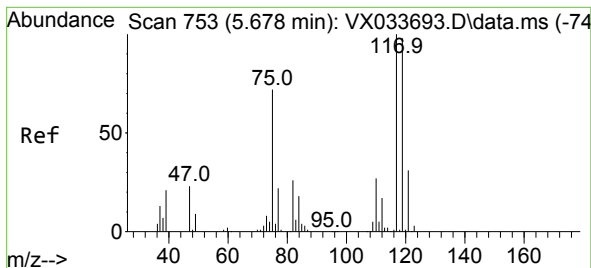
Tgt Ion: 75 Resp: 9488
Ion Ratio Lower Upper
75 100
110 10.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
61 11.2 11.1 16.7
70 4.0 8.5 12.7#





#38

Carbon Tetrachloride

Concen: 6.207 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX033919.D

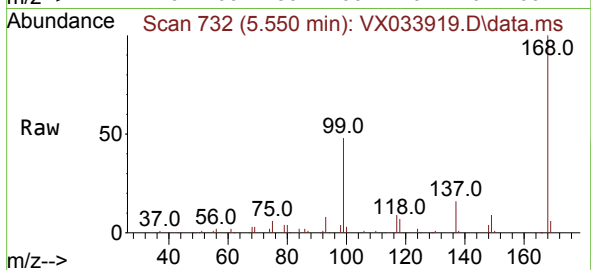
Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902



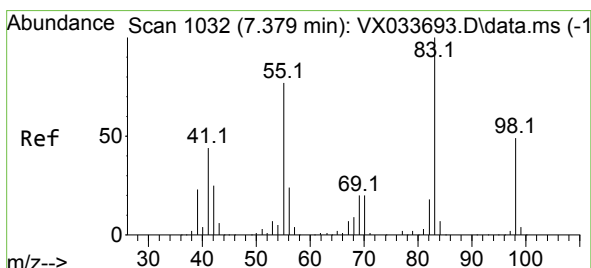
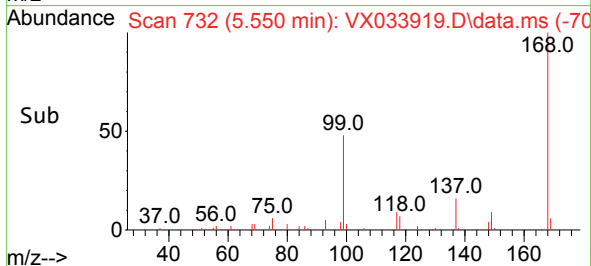
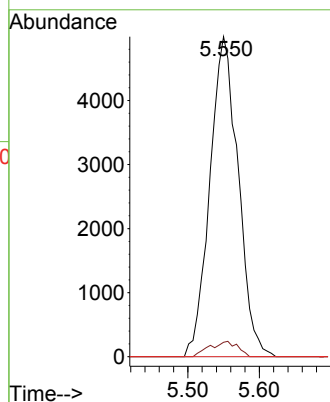
Tgt Ion:117 Resp: 13756

Ion Ratio Lower Upper

117 100

119 4.5 78.0 117.0#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 1.652 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

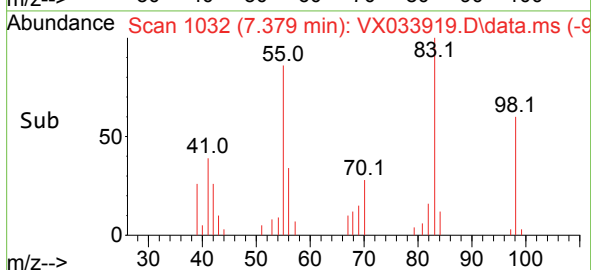
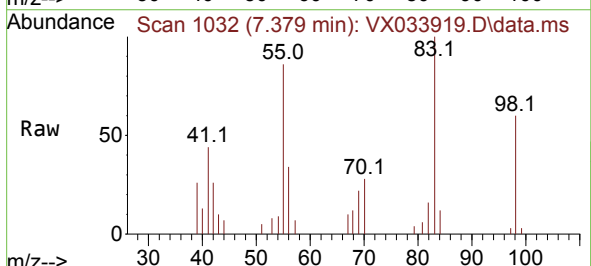
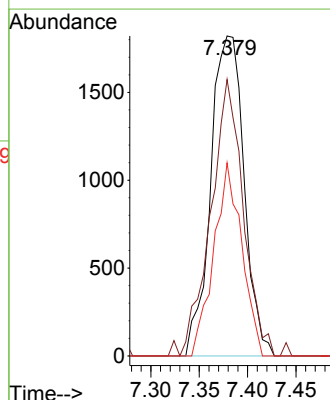
Tgt Ion: 83 Resp: 4366

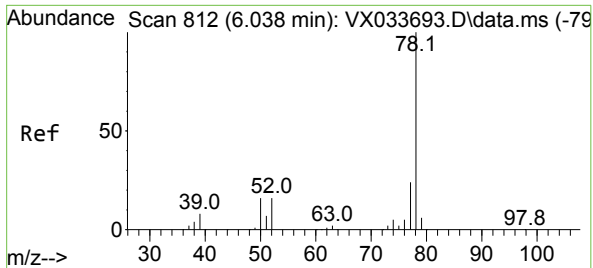
Ion Ratio Lower Upper

83 100

55 86.4 61.8 92.6

98 60.4 39.3 58.9#

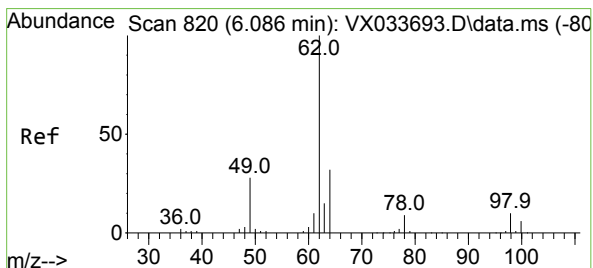
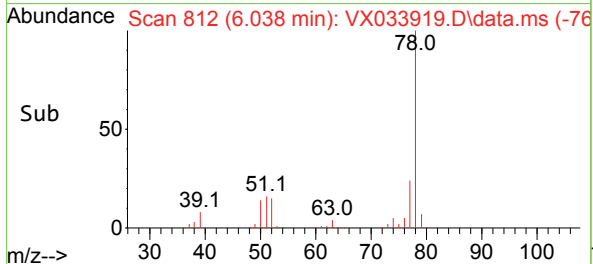
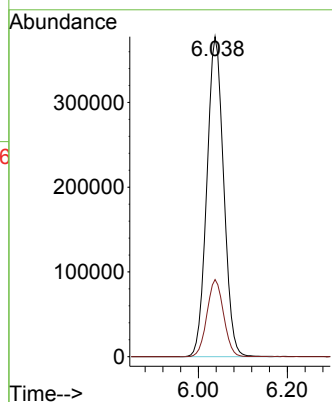
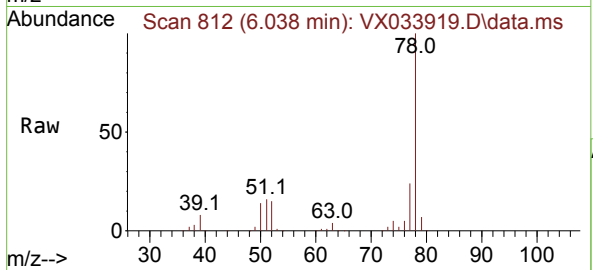




#40
Benzene
Concen: 159.250 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

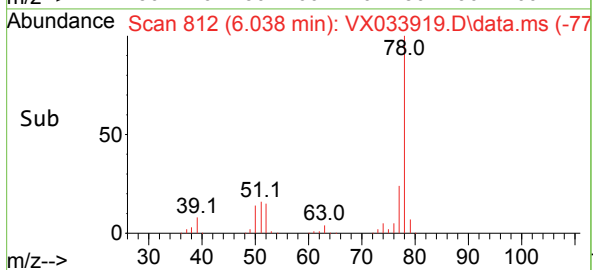
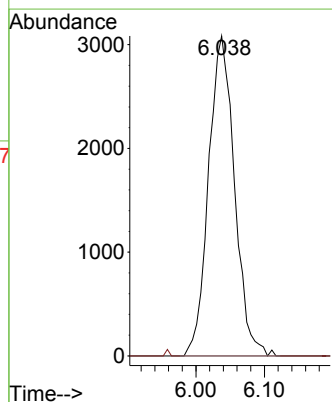
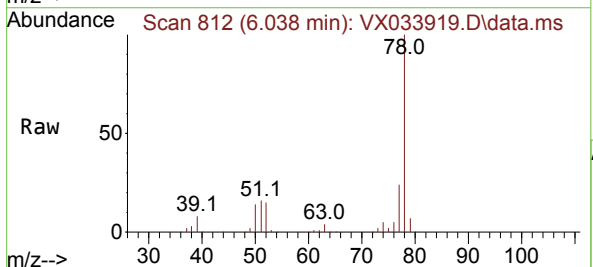
Instrument :
MSVOA_X
ClientSampleId :
33902

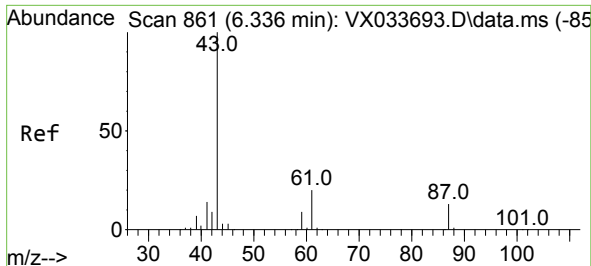
Tgt Ion: 78 Resp: 993162
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



#42
1,2-Dichloroethane
Concen: 3.670 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 62 Resp: 8111
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

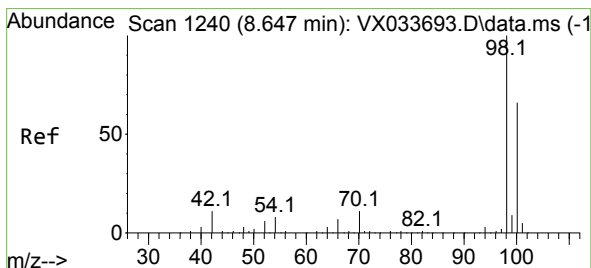
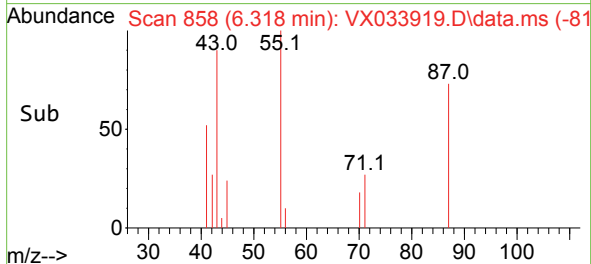
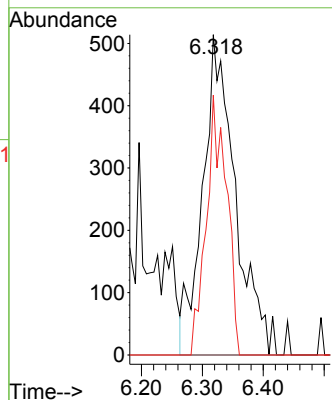
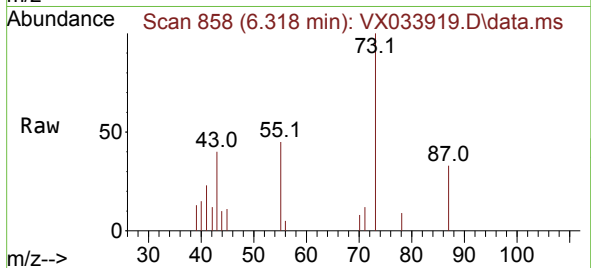




#43
Isopropyl Acetate
Concen: 0.568 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

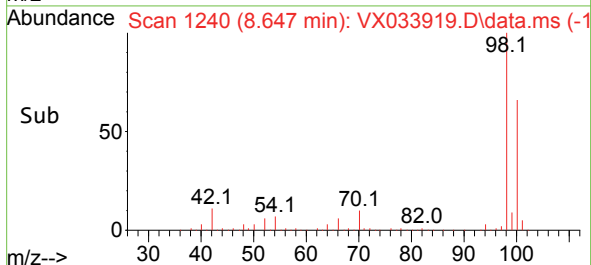
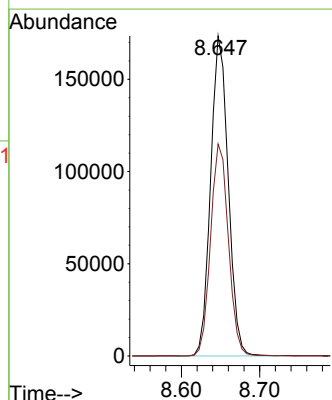
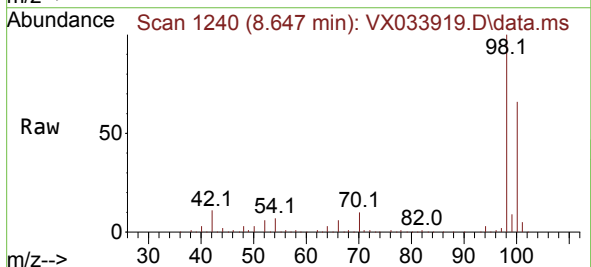
Instrument :
MSVOA_X
ClientSampleId :
33902

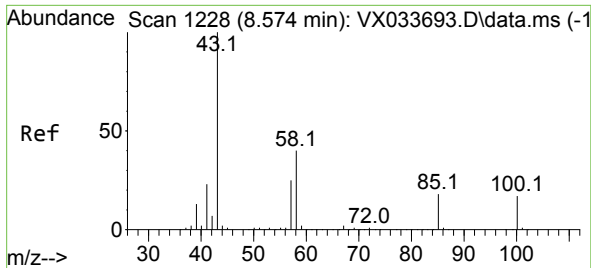
Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 50.4 10.6 15.8#



#50
Toluene-d8
Concen: 50.621 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 98 Resp: 270398
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4

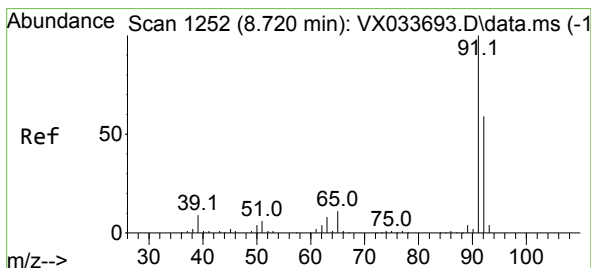
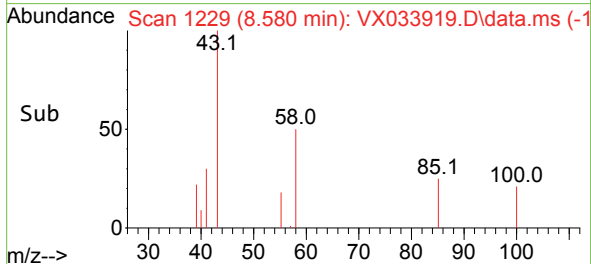
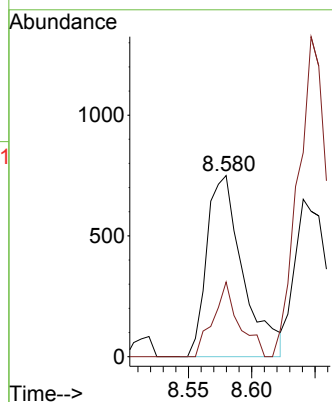
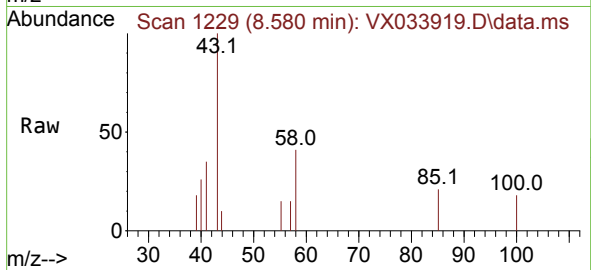




#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

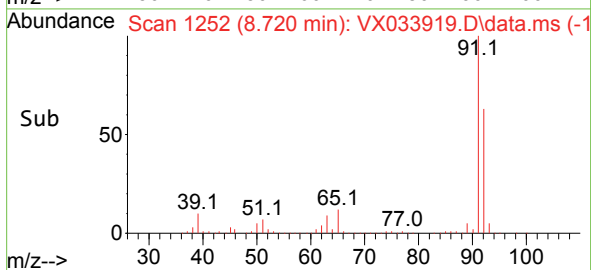
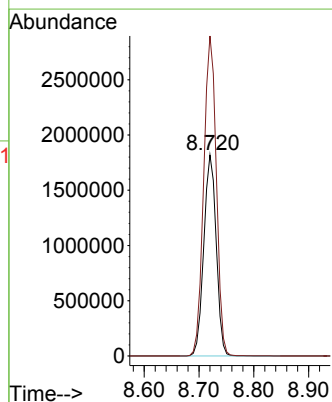
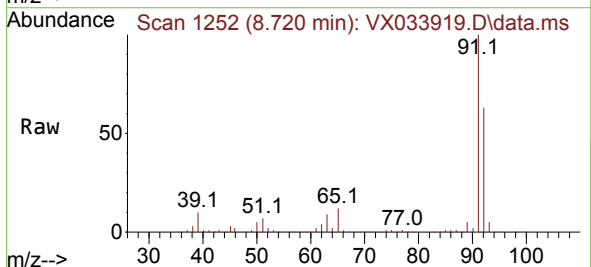
Instrument :
MSVOA_X
ClientSampleId :
33902

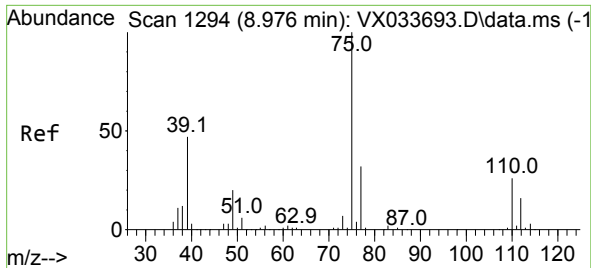
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 29.5 31.2 46.8#



#52
Toluene
Concen: 708.970 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 92 Resp: 2855322
Ion Ratio Lower Upper
92 100
91 162.0 135.5 203.3

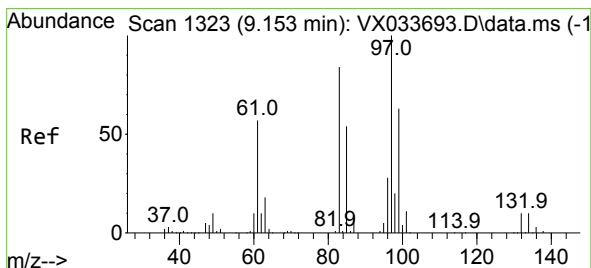
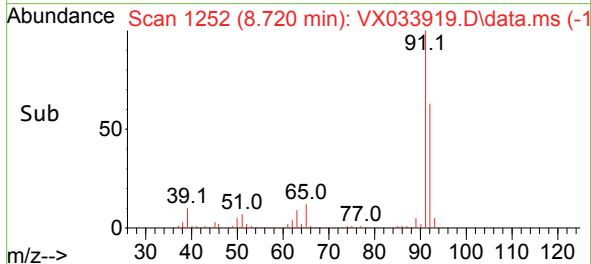
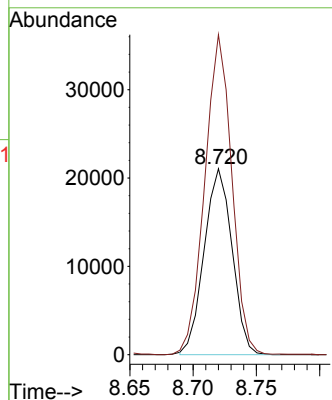
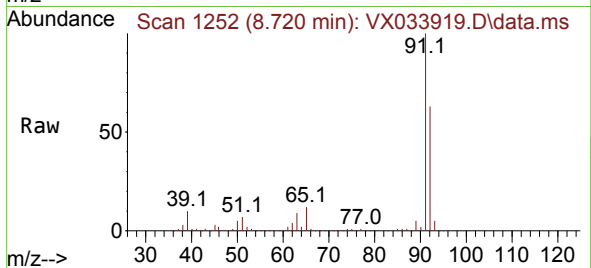




#53
t-1,3-Dichloropropene
Concen: 15.375 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

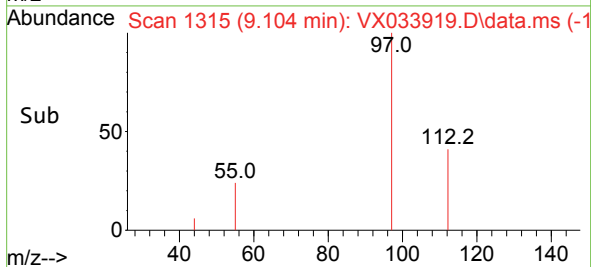
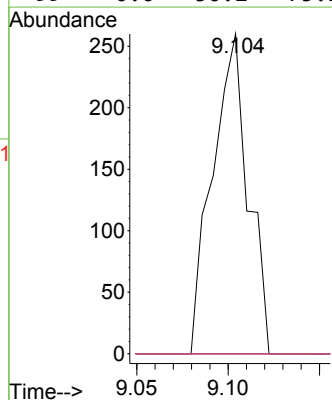
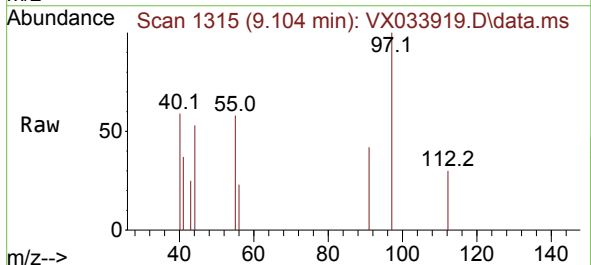
Instrument :
MSVOA_X
ClientSampleId :
33902

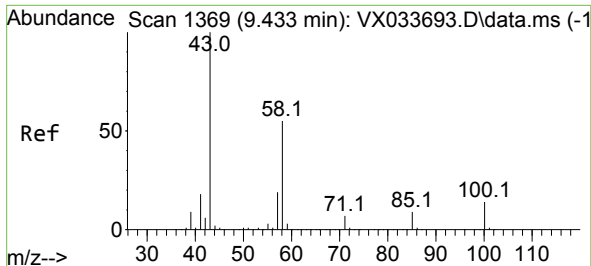
Tgt Ion: 75 Resp: 32335
Ion Ratio Lower Upper
75 100
77 171.7 25.5 38.3#



#55
1,1,2-Trichloroethane
Concen: 0.221 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 97 Resp: 353
Ion Ratio Lower Upper
97 100
83 0.0 67.4 101.0#
85 0.0 43.2 64.8#
99 0.0 50.2 75.2#





#59

2-Hexanone

Concen: 0.522 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

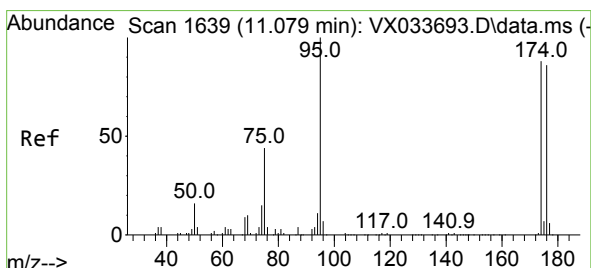
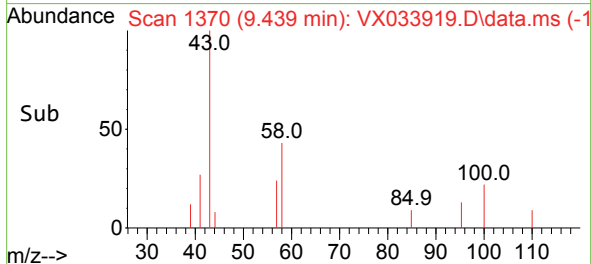
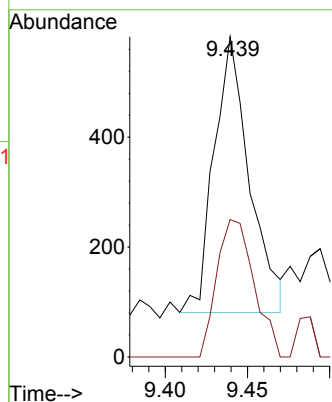
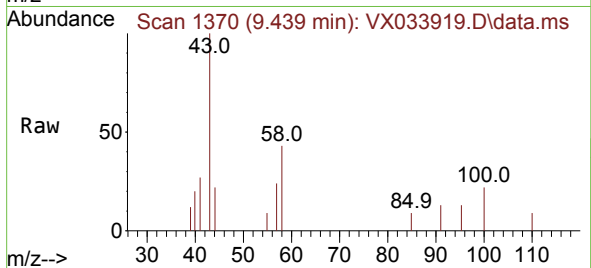
33902

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

43 100

58 52.0 27.4 82.0



#62

4-Bromofluorobenzene

Concen: 48.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

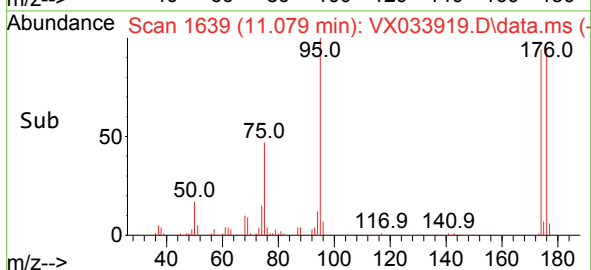
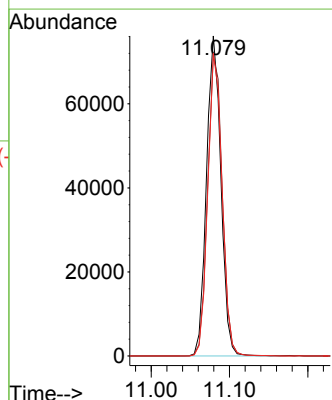
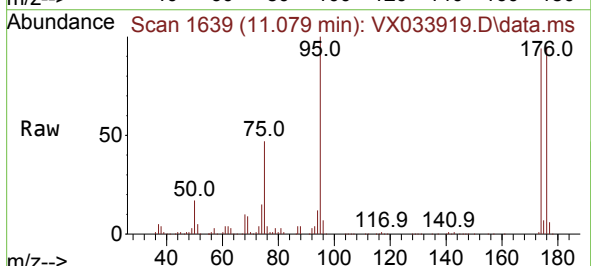
Tgt Ion: 95 Resp: 96972

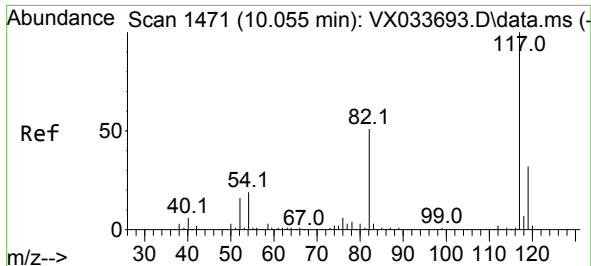
Ion Ratio Lower Upper

95 100

174 95.5 0.0 184.4

176 93.7 0.0 178.8

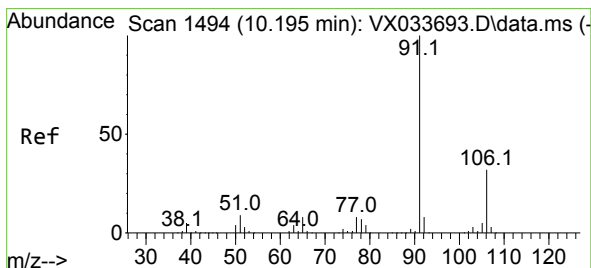
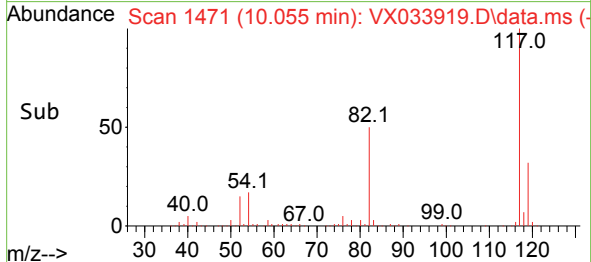
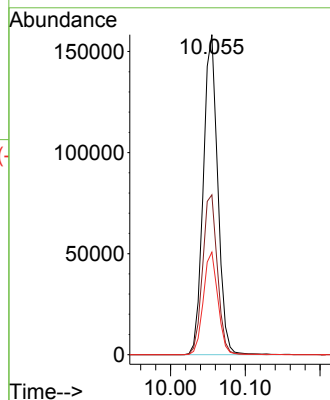
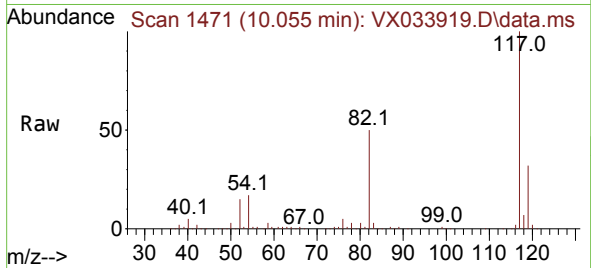




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

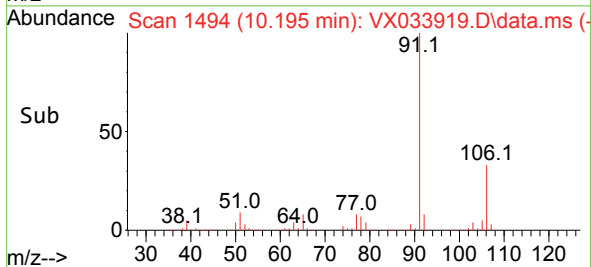
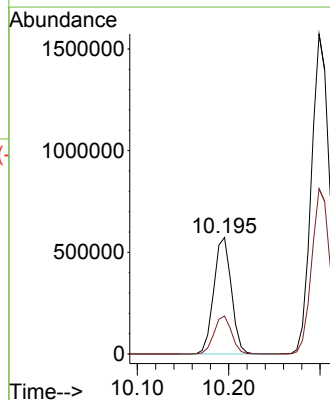
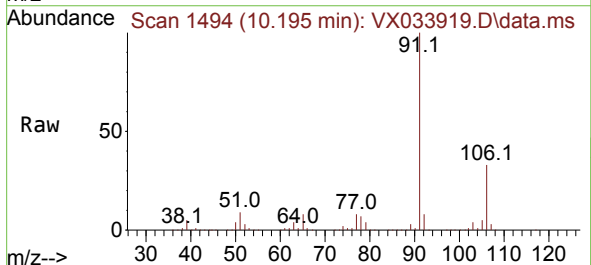
Instrument :
MSVOA_X
ClientSampleId :
33902

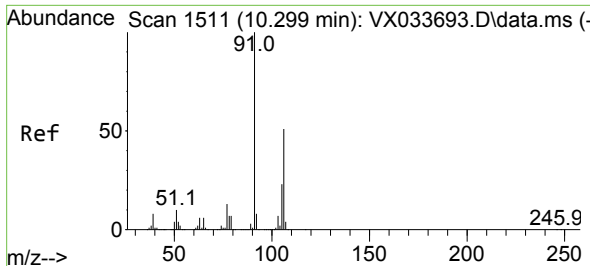
Tgt Ion:117 Resp: 212743
Ion Ratio Lower Upper
117 100
82 49.9 40.6 60.8
119 32.0 25.6 38.4



#67
Ethyl Benzene
Concen: 101.158 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 91 Resp: 764932
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8

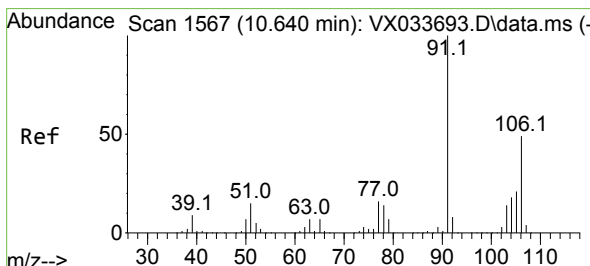
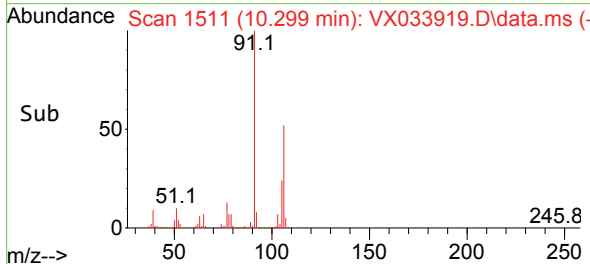
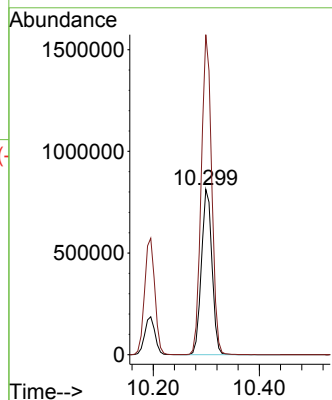
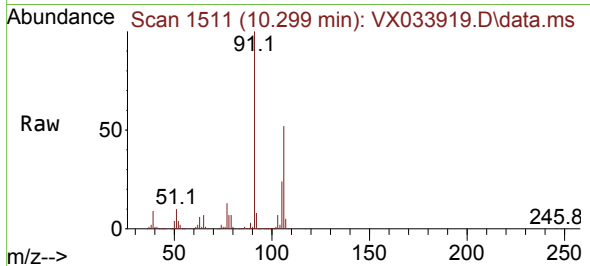




#68
m/p-Xylenes
Concen: 379.483 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

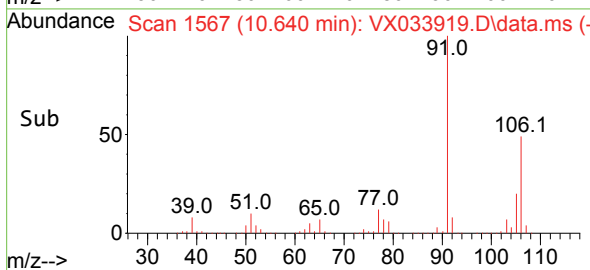
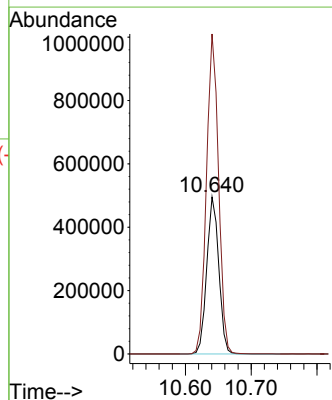
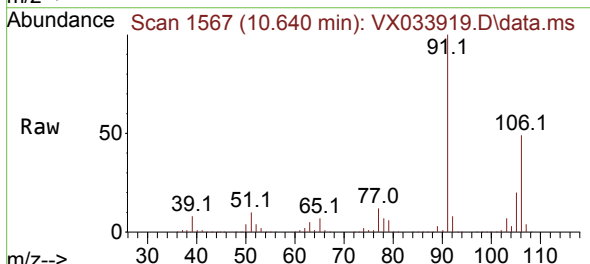
Instrument :
MSVOA_X
ClientSampleId :
33902

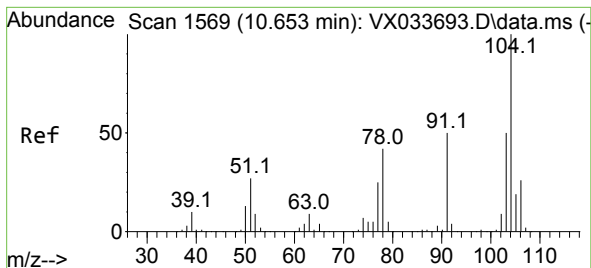
Tgt Ion:106 Resp: 1122393
Ion Ratio Lower Upper
106 100
91 191.9 156.4 234.6



#69
o-Xylene
Concen: 215.406 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion:106 Resp: 631822
Ion Ratio Lower Upper
106 100
91 204.1 103.1 309.3





#70

Styrene

Concen: 7.758 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902

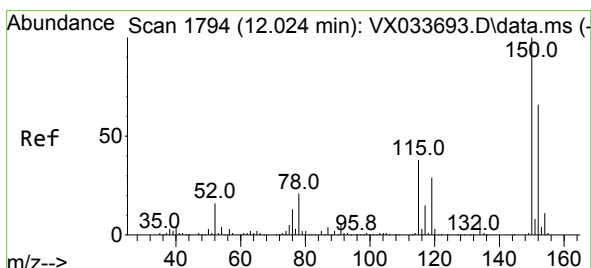
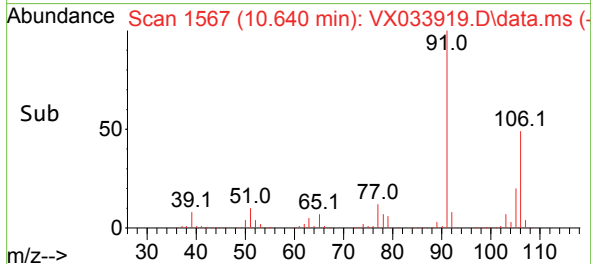
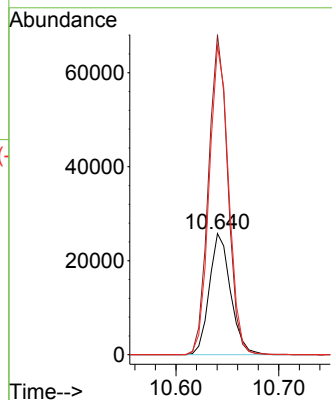
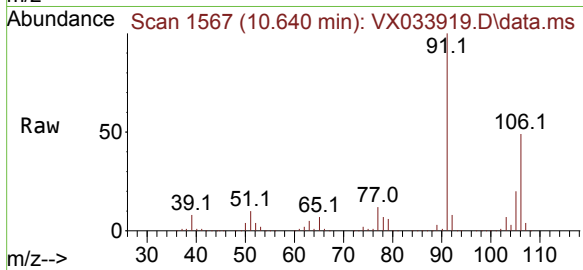
Tgt Ion:104 Resp: 37006

Ion Ratio Lower Upper

104 100

78 239.5 37.5 56.3#

103 234.1 43.3 64.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

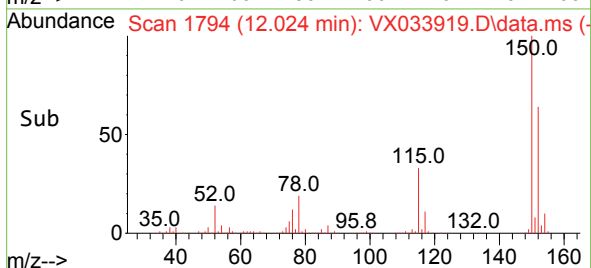
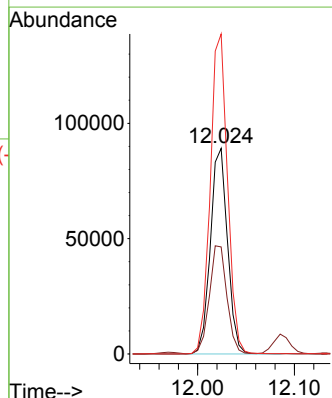
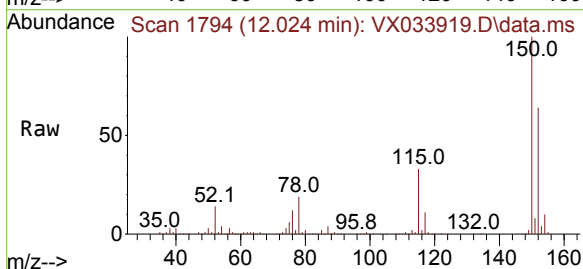
Tgt Ion:152 Resp: 110059

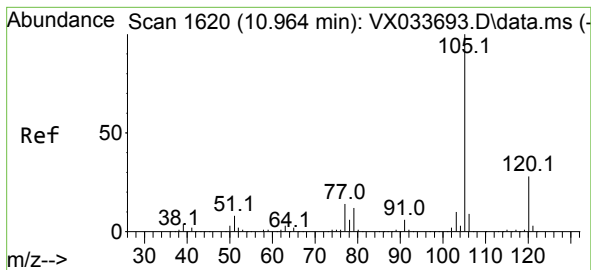
Ion Ratio Lower Upper

152 100

115 53.6 38.7 116.1

150 156.7 0.0 348.2





#73

Isopropylbenzene

Concen: 6.105 ug/l

RT: 10.964 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

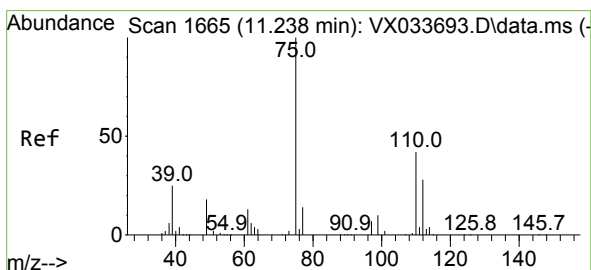
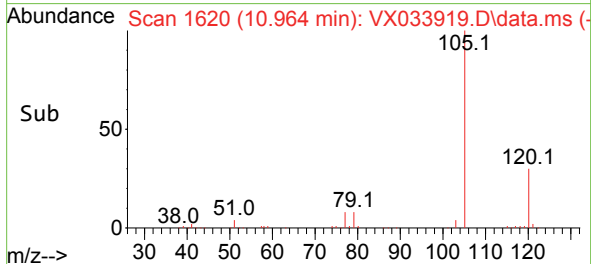
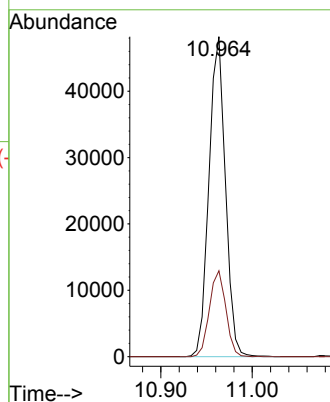
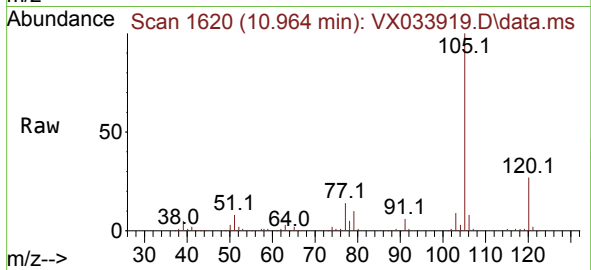
33902

Tgt Ion:105 Resp: 60188

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#76

1,2,3-Trichloropropane

Concen: 2.074 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX033919.D

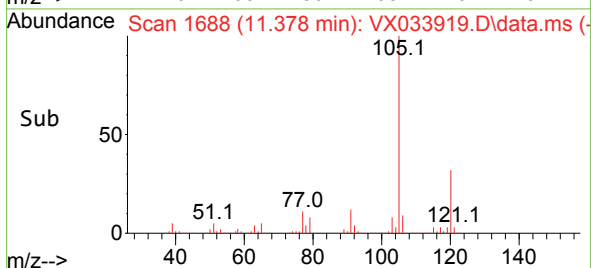
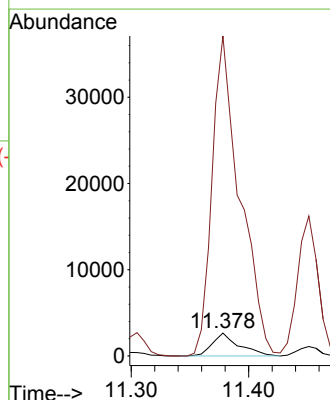
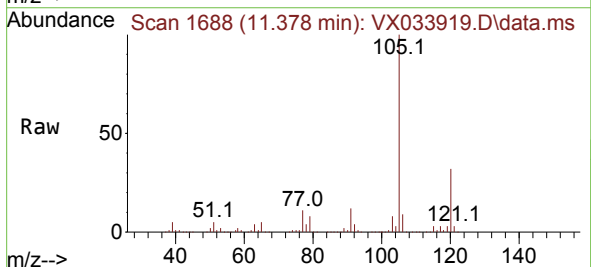
Acq: 26 Jan 2023 19:01

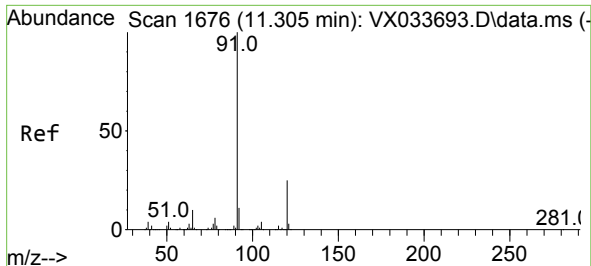
Tgt Ion: 75 Resp: 4193

Ion Ratio Lower Upper

75 100

77 1463.5 21.8 65.4#

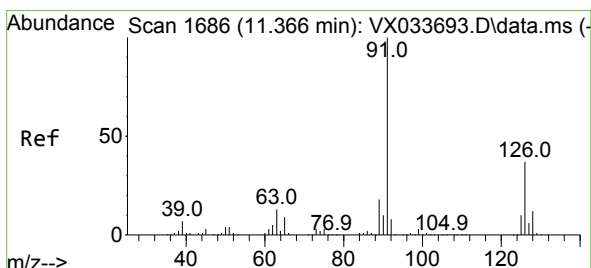
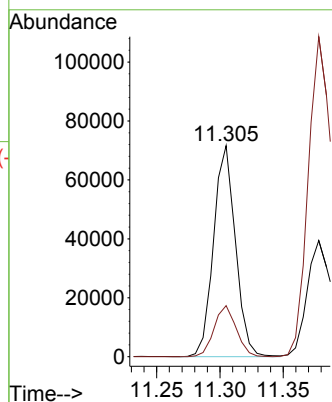
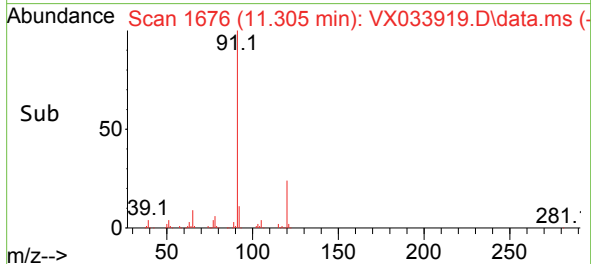
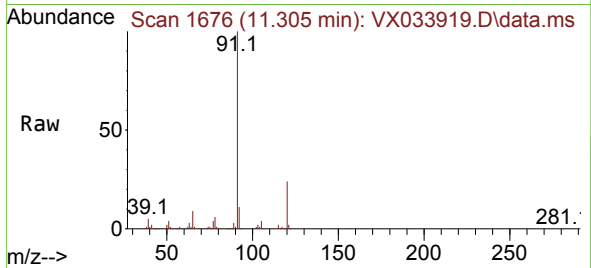




#78
n-propylbenzene
Concen: 9.599 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

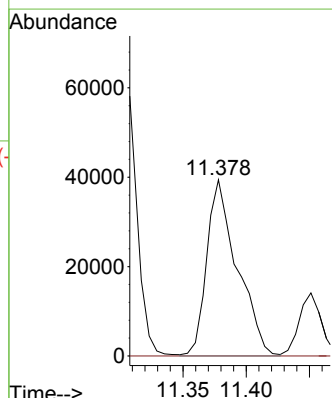
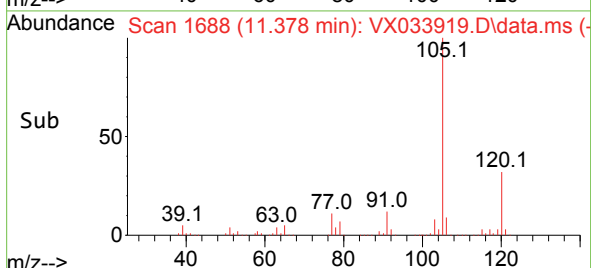
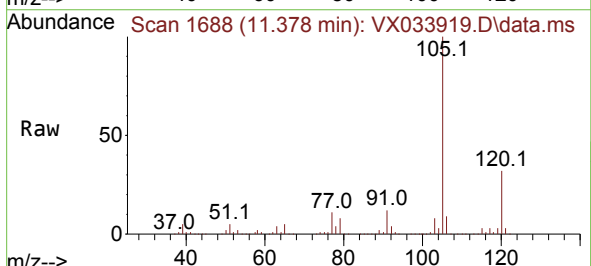
Instrument :
MSVOA_X
ClientSampleId :
33902

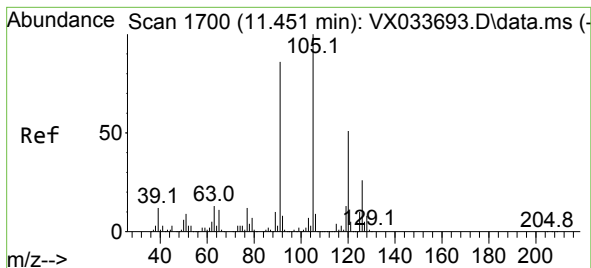
Tgt Ion: 91 Resp: 86204
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8



#79
2-Chlorotoluene
Concen: 11.323 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion: 91 Resp: 66121
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#





#80

1,3,5-Trimethylbenzene

Concen: 25.333 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

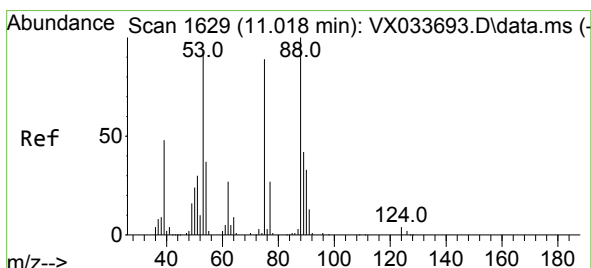
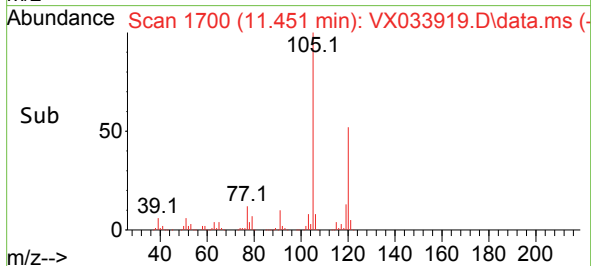
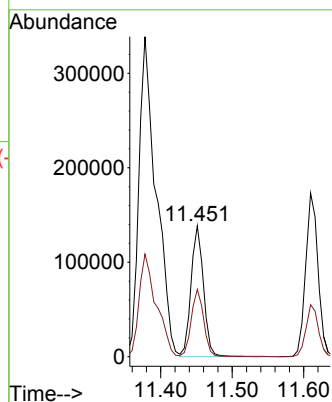
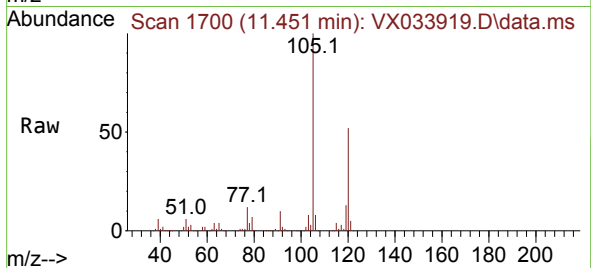
33902

Tgt Ion:105 Resp: 167772

Ion Ratio Lower Upper

105 100

120 51.3 25.6 76.8



#81

trans-1,4-Dichloro-2-butene

Concen: 68.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

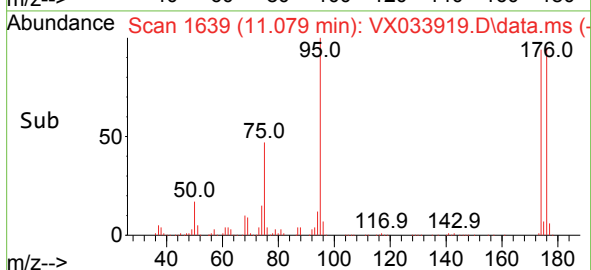
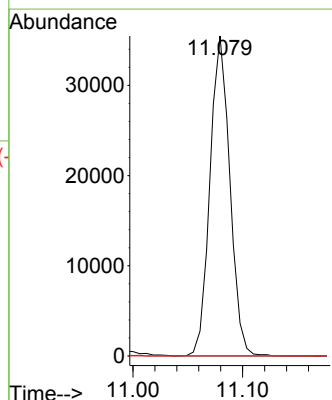
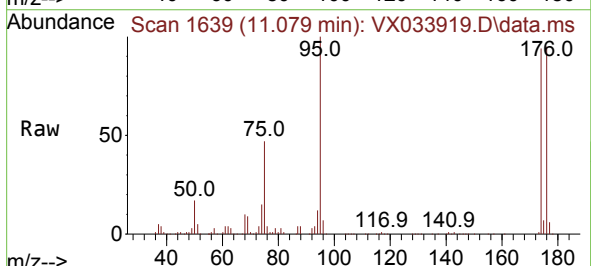
Tgt Ion: 75 Resp: 44685

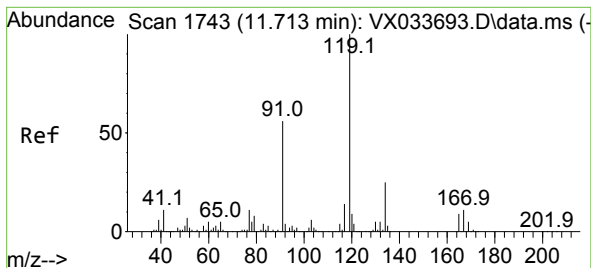
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#83

tert-Butylbenzene

Concen: 12.661 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902

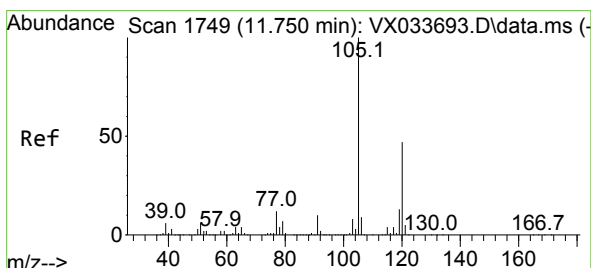
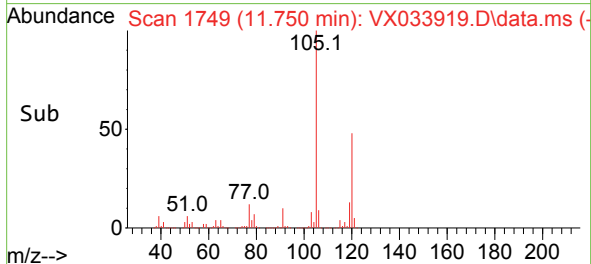
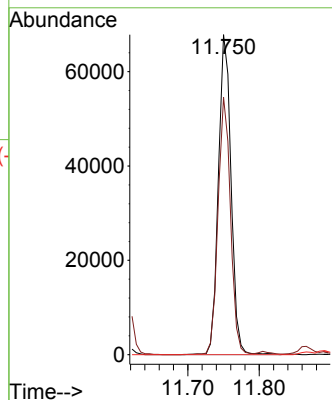
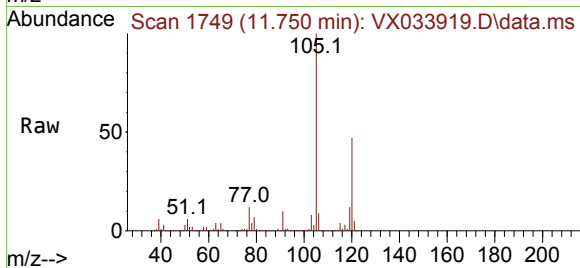
Tgt Ion:119 Resp: 83256

Ion Ratio Lower Upper

119 100

91 79.5 26.9 80.7

134 0.0 12.3 36.8#



#84

1,2,4-Trimethylbenzene

Concen: 104.557 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033919.D

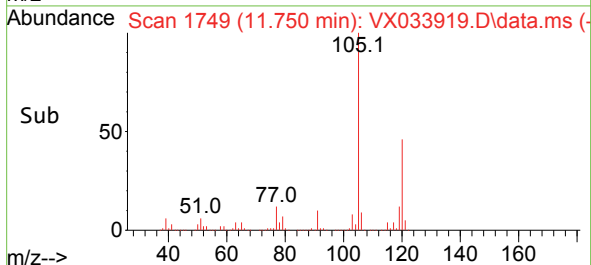
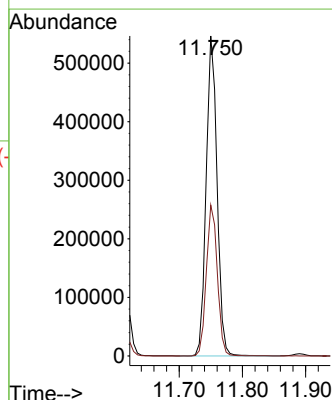
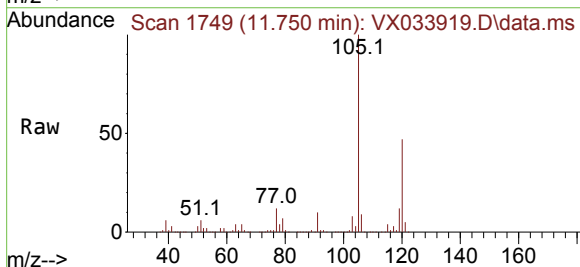
Acq: 26 Jan 2023 19:01

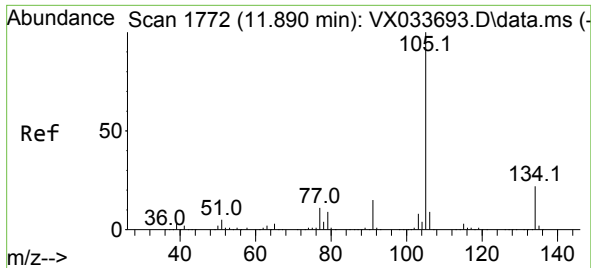
Tgt Ion:105 Resp: 655007

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.2

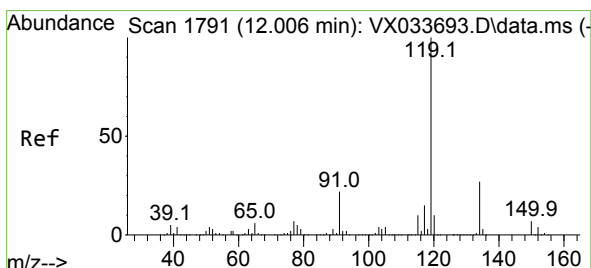
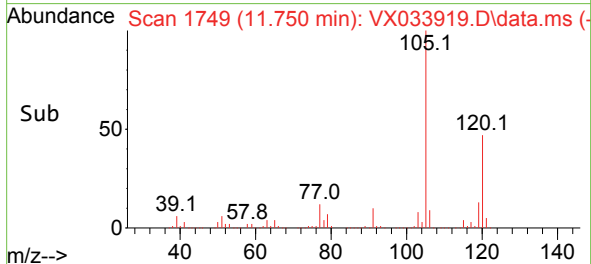
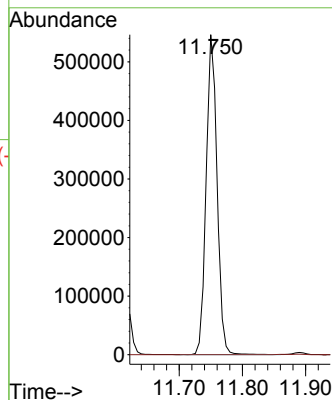
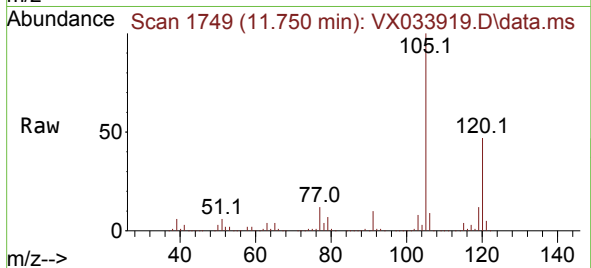




#85
 sec-Butylbenzene
 Concen: 83.281 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

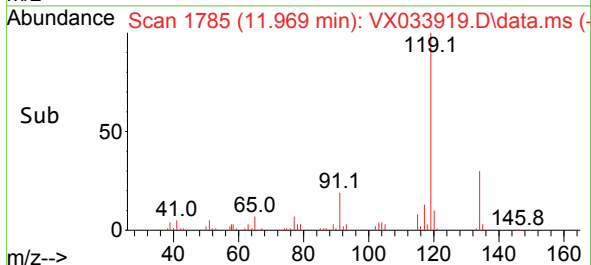
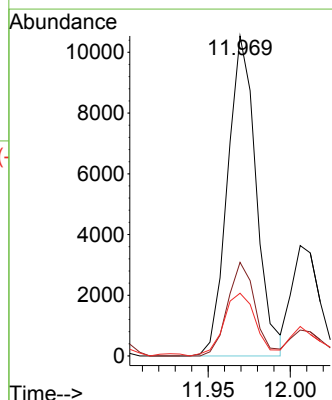
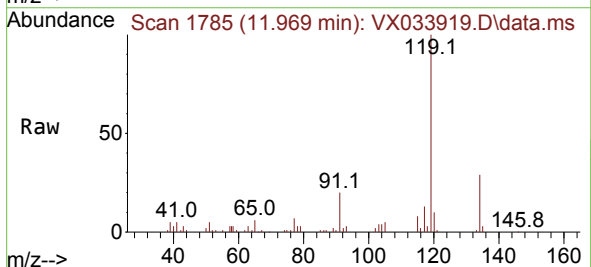
Instrument :
 MSVOA_X
 ClientSampleId :
 33902

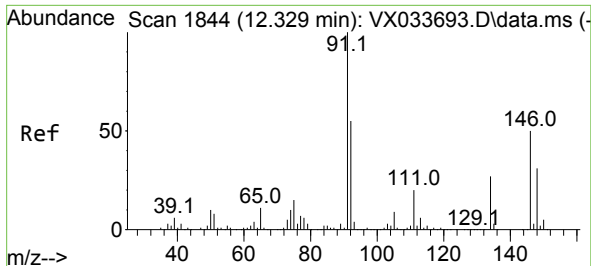
Tgt Ion:105 Resp: 655007
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.3#



#86
 p-Isopropyltoluene
 Concen: 1.895 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.037 min
 Lab File: VX033919.D
 Acq: 26 Jan 2023 19:01

Tgt Ion:119 Resp: 12757
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.6 40.8
 91 22.1 11.0 33.0





#89

n-Butylbenzene

Concen: 2.746 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX033919.D

Acq: 26 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

33902

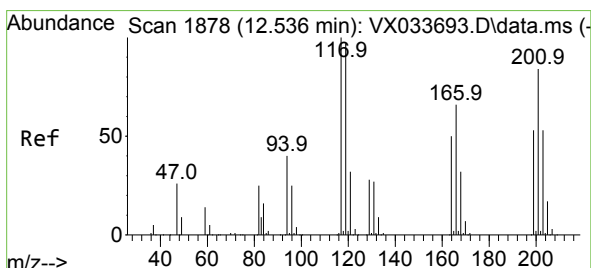
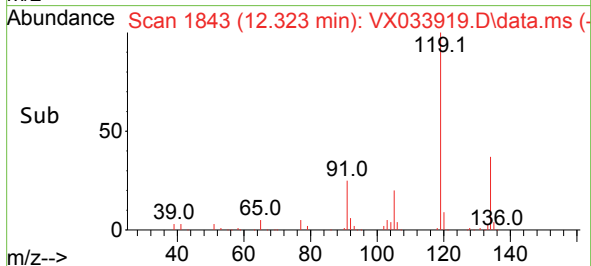
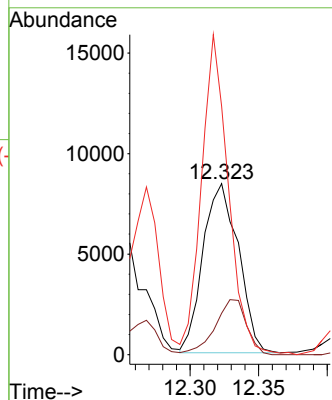
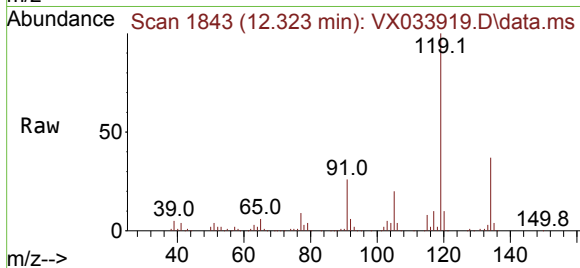
Tgt Ion: 91 Resp: 15128

Ion Ratio Lower Upper

91 100

92 28.9 27.5 82.5

134 143.6 14.3 42.9#



#90

Hexachloroethane

Concen: 3.175 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX033919.D

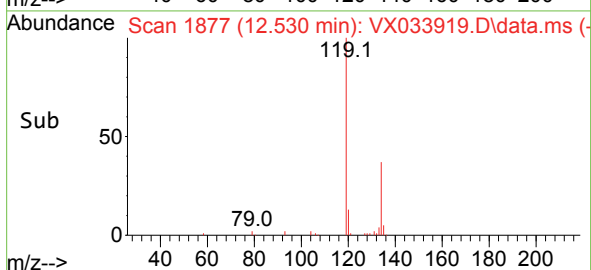
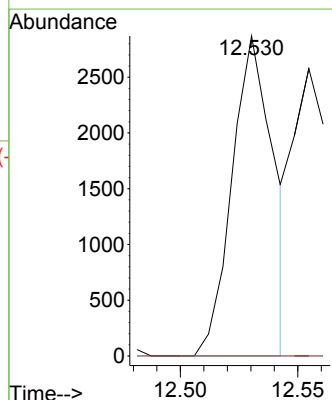
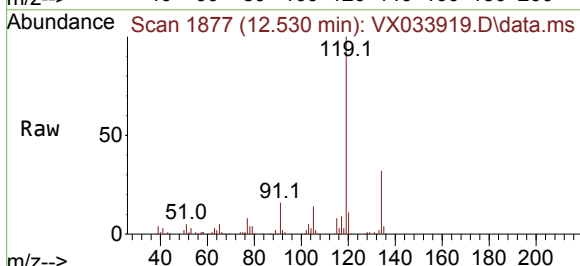
Acq: 26 Jan 2023 19:01

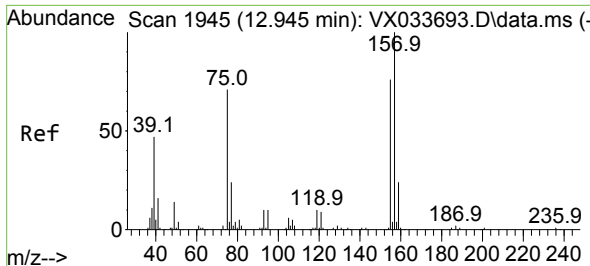
Tgt Ion: 117 Resp: 3517

Ion Ratio Lower Upper

117 100

201 0.0 45.1 135.3#

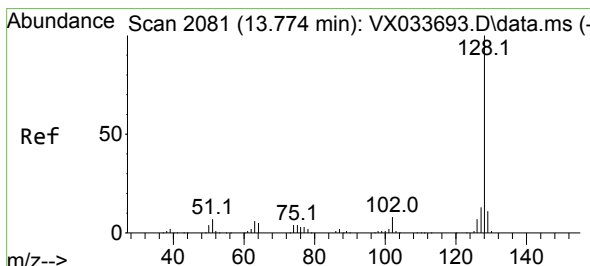
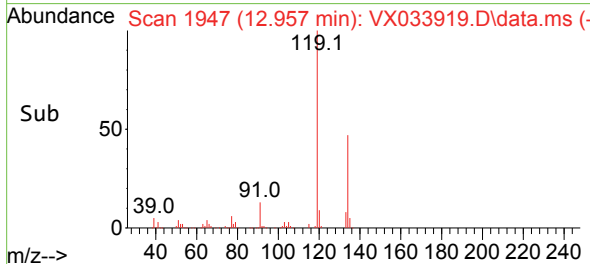
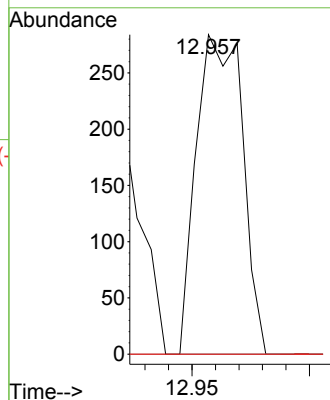
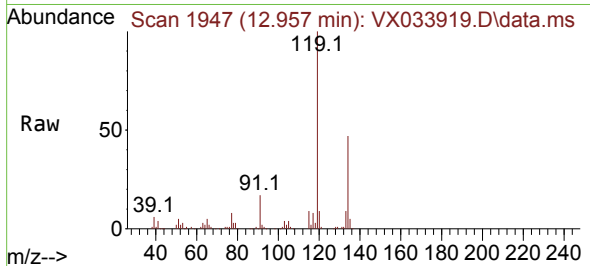




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.864 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Instrument :
MSVOA_X
ClientSampleId :
33902

Tgt Ion: 75 Resp: 388
Ion Ratio Lower Upper
75 100
155 0.0 51.7 155.1#
157 0.0 67.5 202.3#



#95
Naphthalene
Concen: 19.842 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033919.D
Acq: 26 Jan 2023 19:01

Tgt Ion:128 Resp: 137987
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.7 13.1

