

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033983.D
 Acq On : 01 Feb 2023 12:48
 Operator : JC/MD
 Sample : 01383-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31970

Quant Time: Feb 02 01:37:12 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	5.549	168	161936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75909	44.520	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.040%		
35) Dibromofluoromethane	5.385	113	70166	48.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.646	98	265657	50.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.780%		
62) 4-Bromofluorobenzene	11.079	95	92534	47.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.480%		
Target Compounds						Qvalue
6) Chloroethane	1.696	64	238	0.281	ug/l #	42
11) Tert butyl alcohol	2.946	59	3295	11.124	ug/l #	58
13) Acrolein	2.294	56	54228	198.427	ug/l #	1
16) Acetone	2.373	43	115750	183.507	ug/l #	1
17) Carbon Disulfide	2.513	76	676	2.018	ug/l #	76
18) Methyl Acetate	2.702	43	4568	1.920	ug/l	99
20) Methylene Chloride	2.794	84	390	Below Cal	#	82
22) Diisopropyl ether	3.842	45	19151	3.830	ug/l #	1
23) Vinyl Acetate	3.842	43	44019	11.694	ug/l #	72
25) 2-Butanone	4.550	43	21540	19.335	ug/l	93
31) Cyclohexane	5.537	56	2405	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9460	4.524	ug/l #	49
37) Ethyl Acetate	4.550	43	21540	8.418	ug/l #	68
38) Carbon Tetrachloride	5.549	117	13311	6.146	ug/l #	16
40) Benzene	6.037	78	4482	0.735	ug/l	94
48) Methyl methacrylate	7.573	41	10470	6.296	ug/l #	45
49) 1,4-Dioxane	7.677	88	371	10.086	ug/l #	74
51) 4-Methyl-2-Pentanone	8.573	43	5930	2.925	ug/l	96
52) Toluene	8.720	92	3793	0.964	ug/l	98
56) Ethyl methacrylate	9.024	69	468	0.213	ug/l #	57
59) 2-Hexanone	9.433	43	1339	0.949	ug/l	87
64) Tetrachloroethene	9.281	164	97	Below Cal	#	58
67) Ethyl Benzene	10.195	91	1695	0.229	ug/l	95
68) m/p-Xylenes	10.299	106	2318	0.801	ug/l	99
69) o-Xylene	10.646	106	1110	0.387	ug/l	96
70) Styrene	10.658	104	1526	0.327	ug/l	96
73) Isopropylbenzene	10.963	105	335	Below Cal		87
75) 1,1,2,2-Tetrachloroethane	11.152	83	17939	6.209	ug/l #	39
76) 1,2,3-Trichloropropane	11.079	75	43400	23.200	ug/l #	34
77) Bromobenzene	11.201	156	20	Below Cal	#	1
79) 2-Chlorotoluene	11.378	91	367	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43400	72.102	ug/l #	8
82) 4-Chlorotoluene	11.457	91	431	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	11.756	105	2311	0.399	ug/l	93
89) n-Butylbenzene	12.335	91	1295	0.254	ug/l	74
90) Hexachloroethane	12.414	117	479	0.467	ug/l #	4

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MSVOA_X
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Quant Time: Feb 02 01:37:12 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

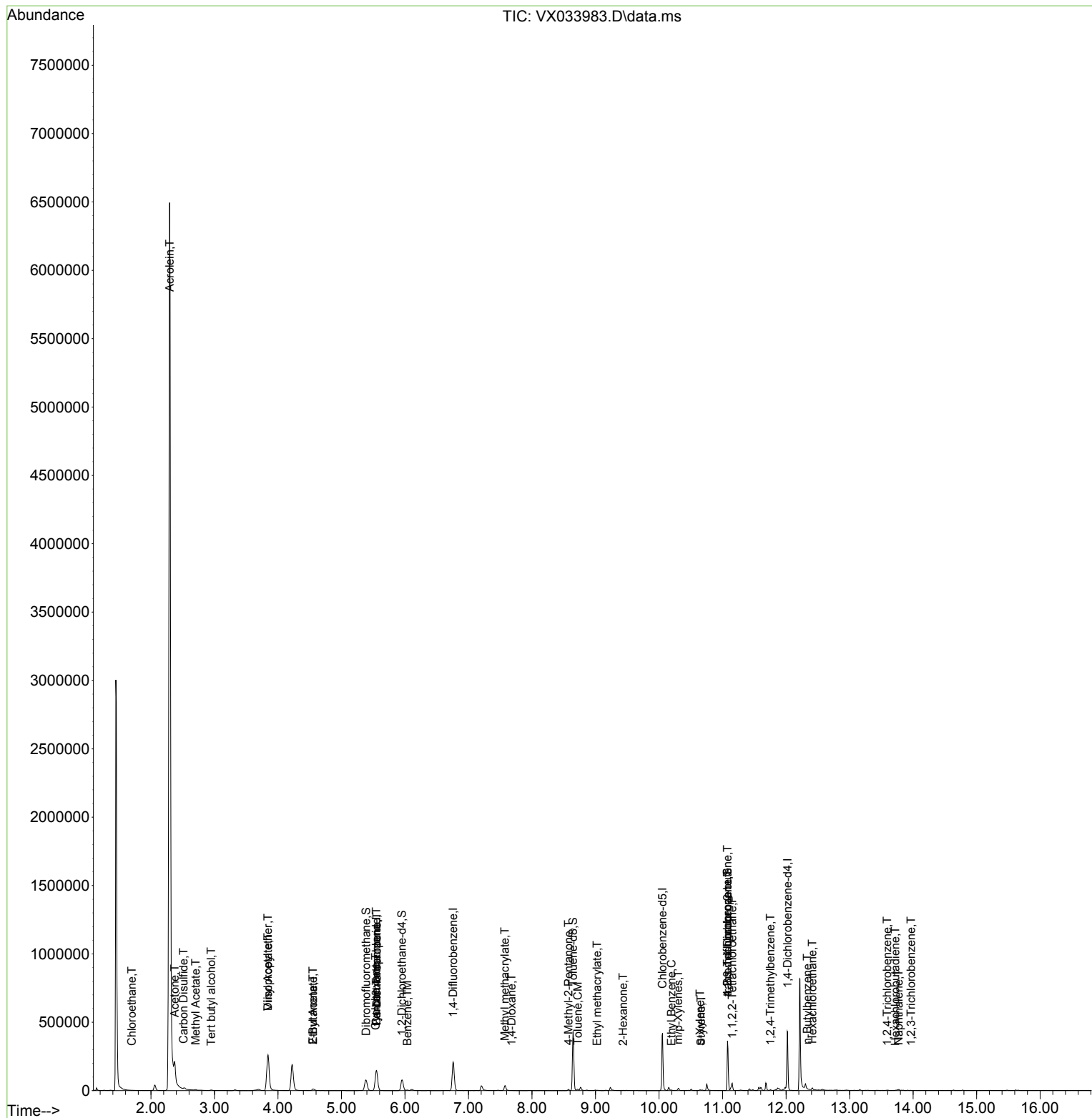
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	582	0.260	ug/l	86
94) Hexachlorobutadiene	13.719	225	492	0.449	ug/l	88
95) Naphthalene	13.774	128	4490	0.698	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	472	0.211	ug/l	86

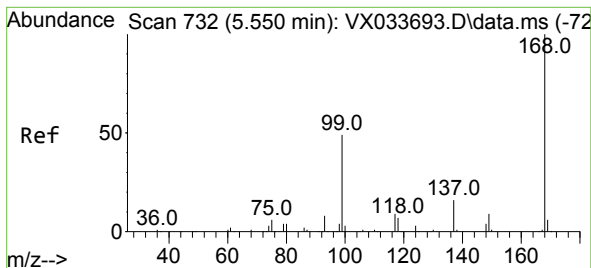
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

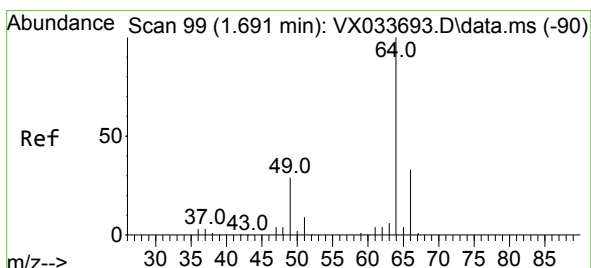
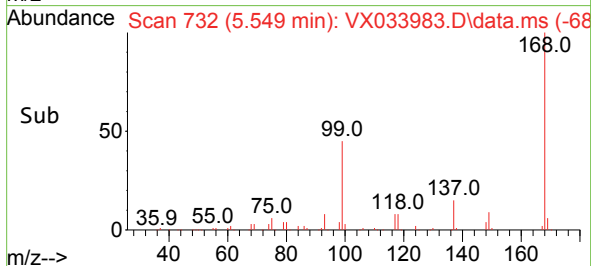
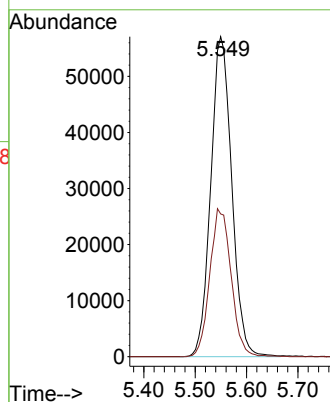
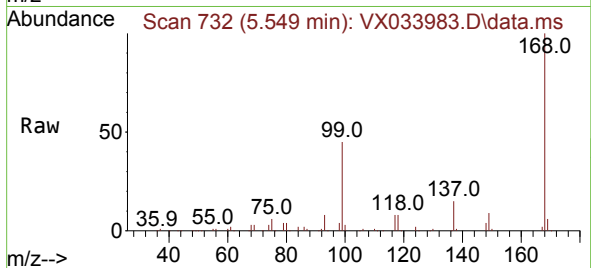
31970

Tgt Ion:168 Resp: 161936

Ion Ratio Lower Upper

168 100

99 44.6 39.6 59.4



#6

Chloroethane

Concen: 0.281 ug/l

RT: 1.696 min Scan# 100

Delta R.T. 0.006 min

Lab File: VX033983.D

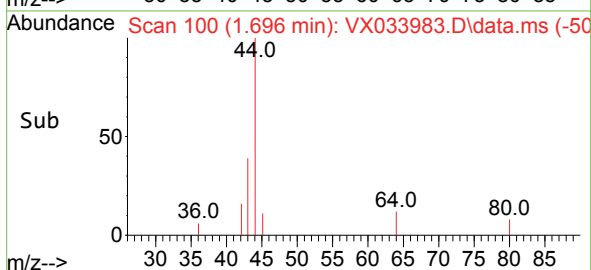
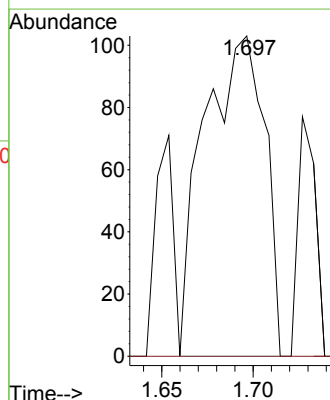
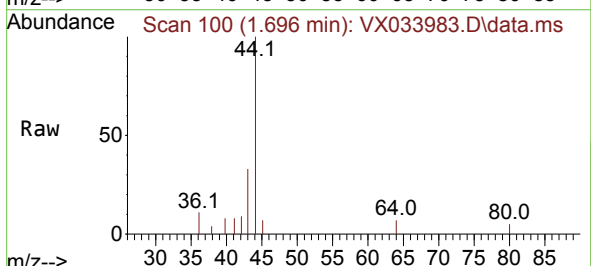
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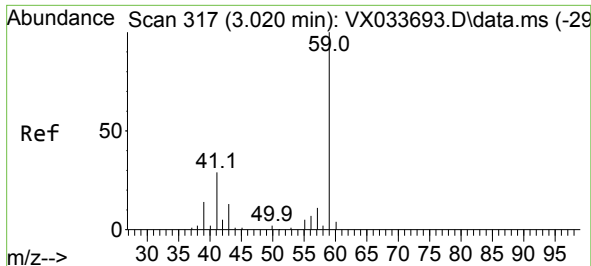
Tgt Ion: 64 Resp: 238

Ion Ratio Lower Upper

64 100

66 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 11.124 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.074 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

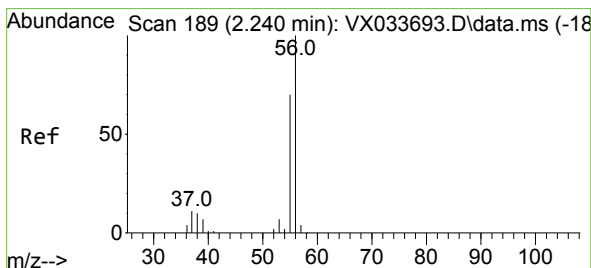
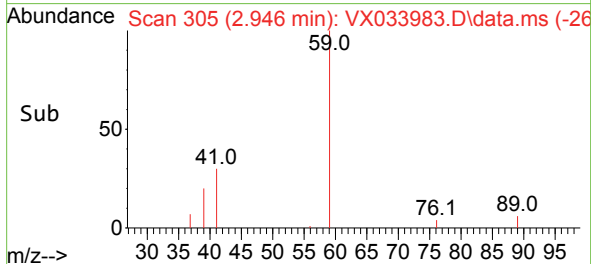
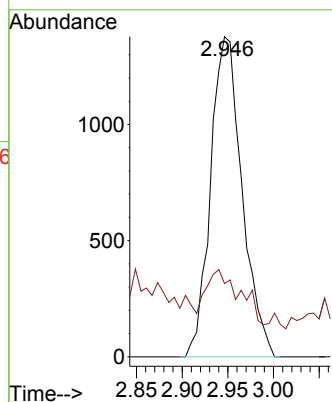
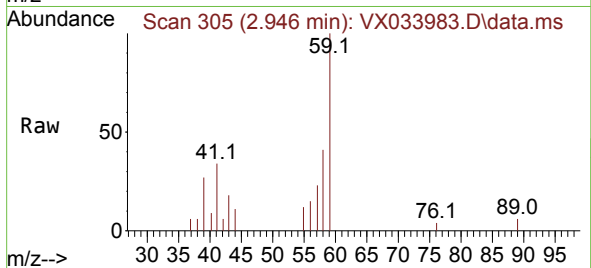
31970

Tgt Ion: 59 Resp: 3295

Ion Ratio Lower Upper

59 100

57 18.3 3.7 5.5#



#13

Acrolein

Concen: 198.427 ug/l

RT: 2.294 min Scan# 198

Delta R.T. 0.054 min

Lab File: VX033983.D

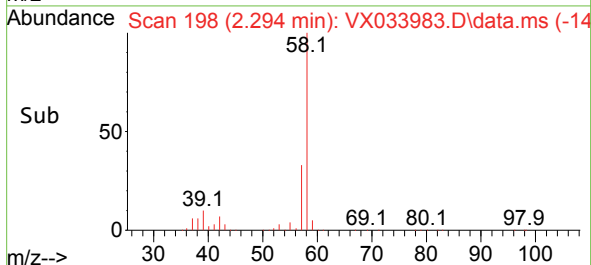
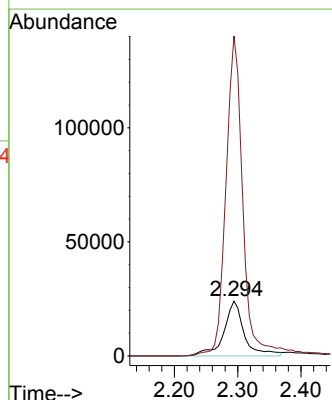
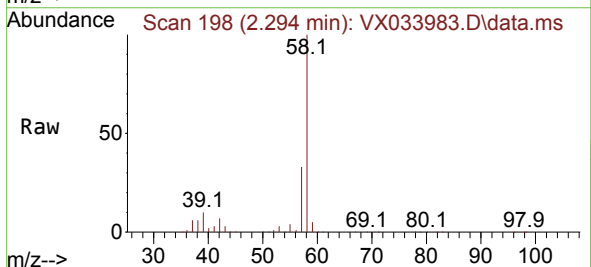
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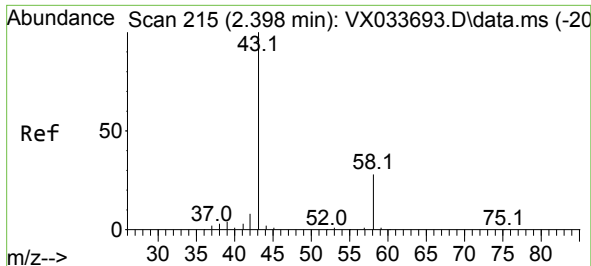
Tgt Ion: 56 Resp: 54228

Ion Ratio Lower Upper

56 100

55 495.4 56.3 84.5#

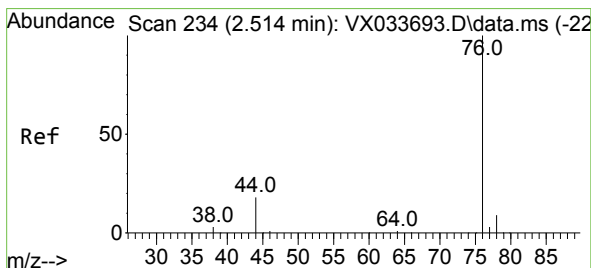
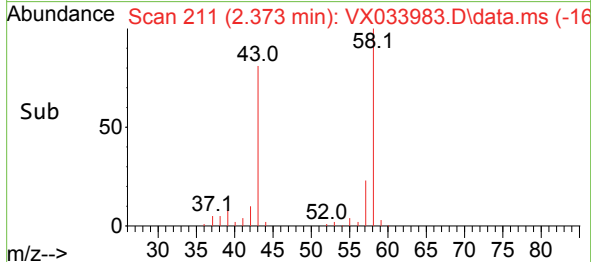
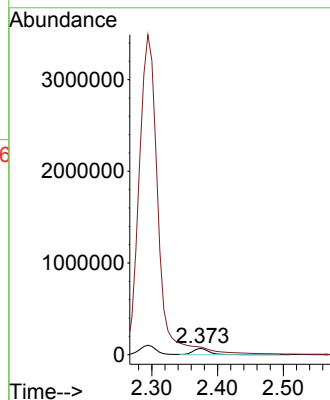
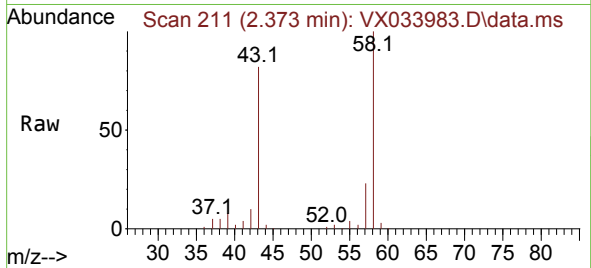




#16
Acetone
Concen: 183.507 ug/l
RT: 2.373 min Scan# 215
Delta R.T. -0.025 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

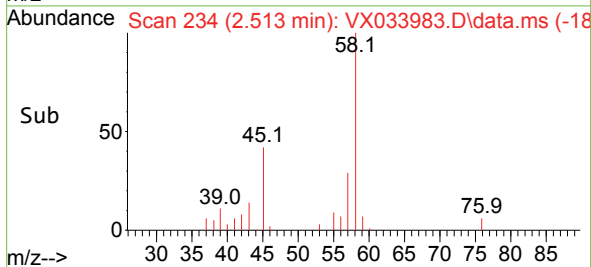
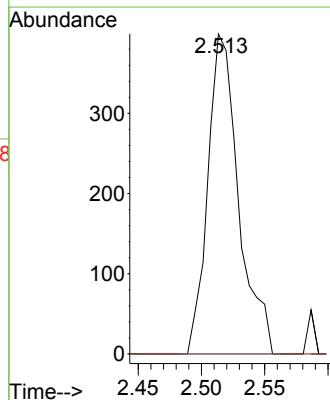
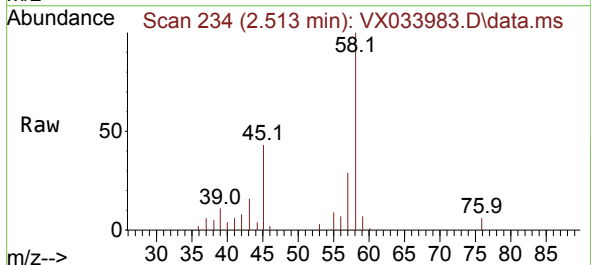
Instrument :
MSVOA_X
ClientSampleId :
31970

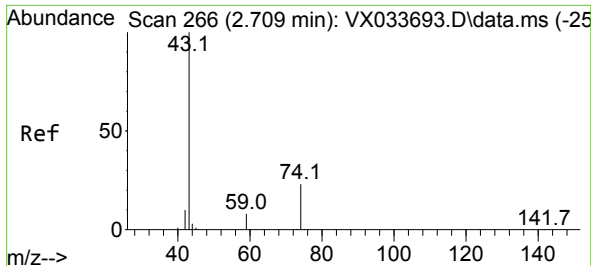
Tgt Ion: 43 Resp: 115750
Ion Ratio Lower Upper
43 100
58 110.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.018 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 76 Resp: 676
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

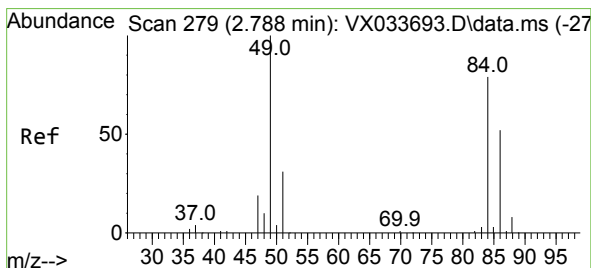
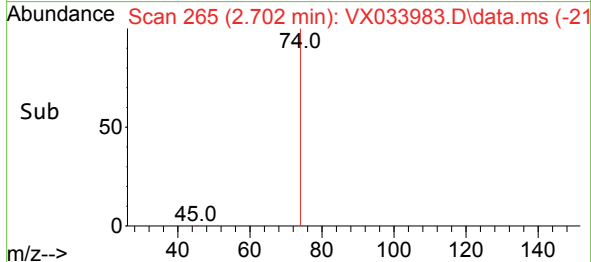
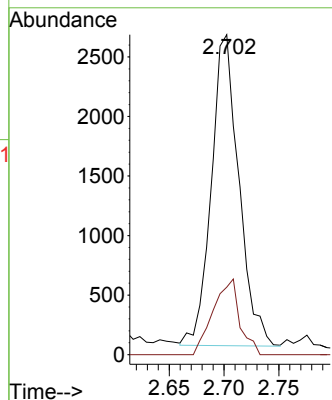
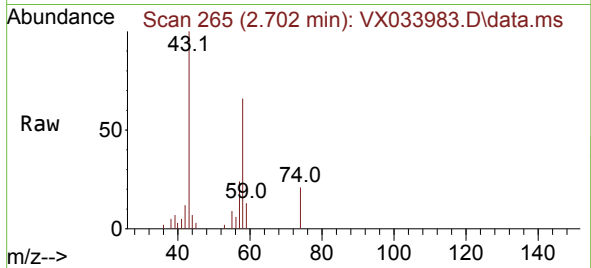




#18
Methyl Acetate
Concen: 1.920 ug/l
RT: 2.702 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

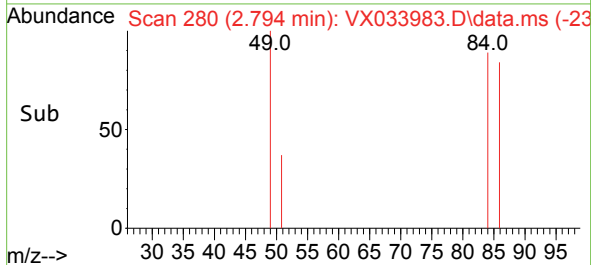
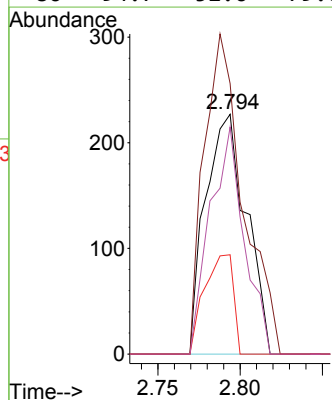
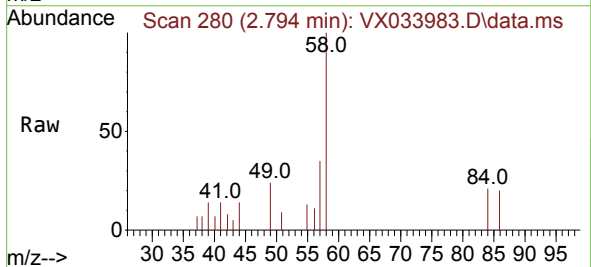
Instrument :
MSVOA_X
ClientSampleId :
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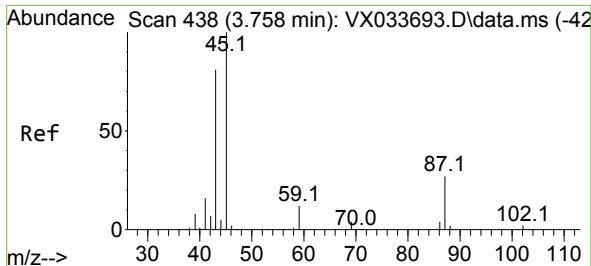
Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 112.8 101.1 151.7
51 41.4 31.0 46.6
86 94.7 52.6 79.0#

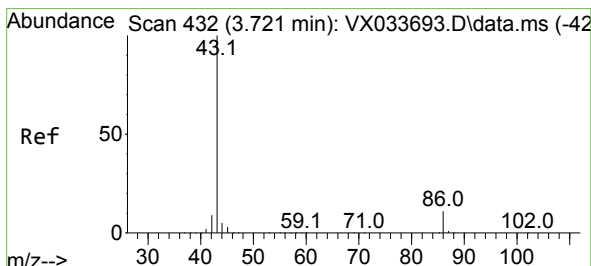
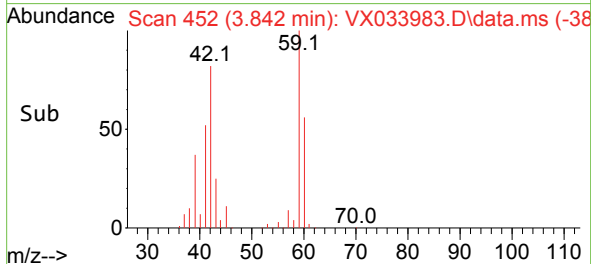
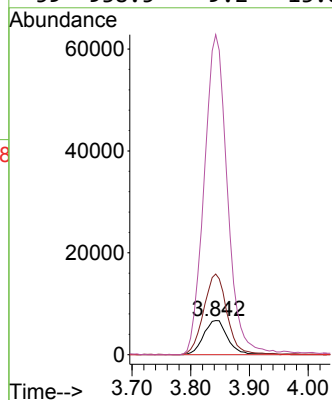
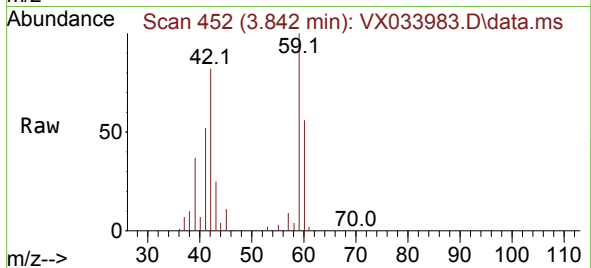




#22
Diisopropyl ether
Concen: 3.830 ug/l
RT: 3.842 min Scan# 41
Delta R.T. 0.085 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

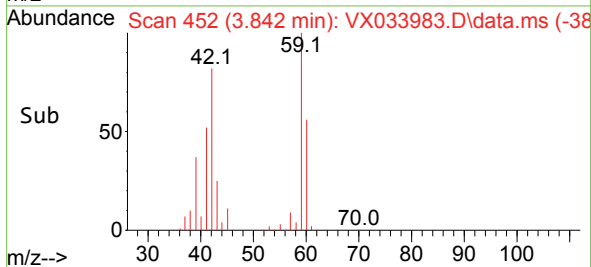
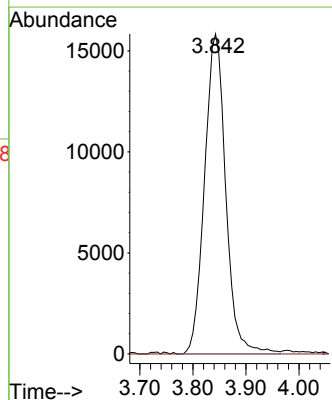
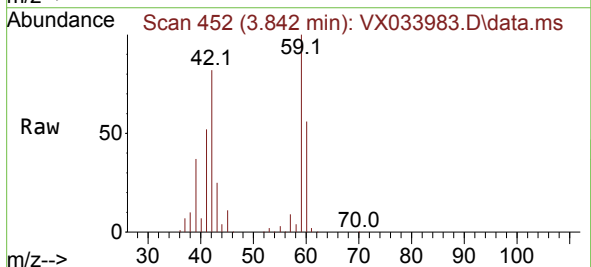
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ClientSampleId :
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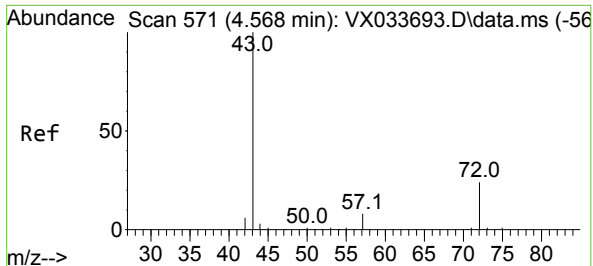
Tgt Ion: 45	Resp: 19151
Ion Ratio	Lower Upper
45 100	
43 236.6	64.6 97.0#
87 0.0	21.9 32.9#
59 938.5	9.2 13.8#



#23
Vinyl Acetate
Concen: 11.694 ug/l
RT: 3.842 min Scan# 452
Delta R.T. 0.122 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 43	Resp: 44019
Ion Ratio	Lower Upper
43 100	
86 0.0	8.4 12.6#

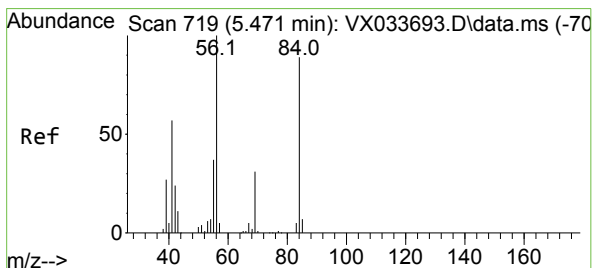
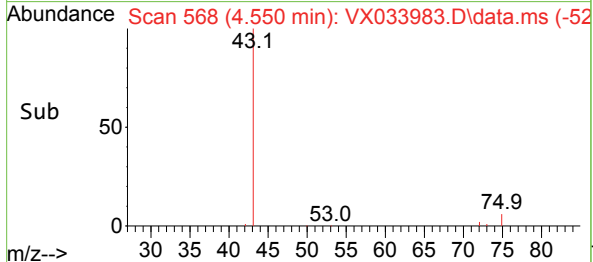
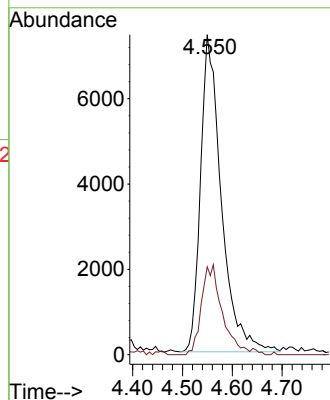
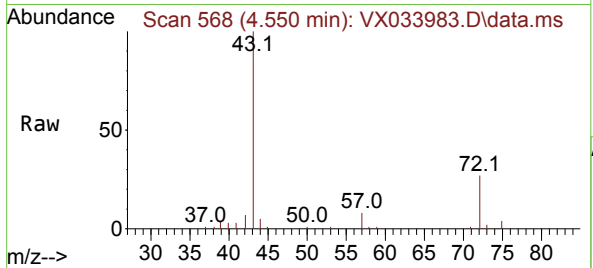




#25
2-Butanone
Concen: 19.335 ug/l
RT: 4.550 min Scan# 519
Delta R.T. -0.019 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

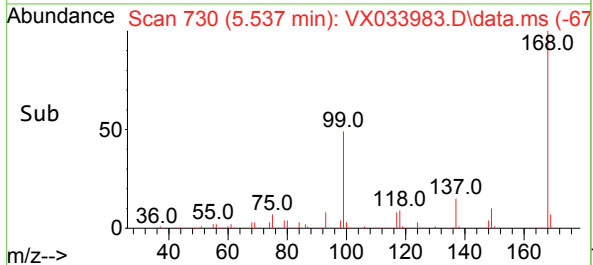
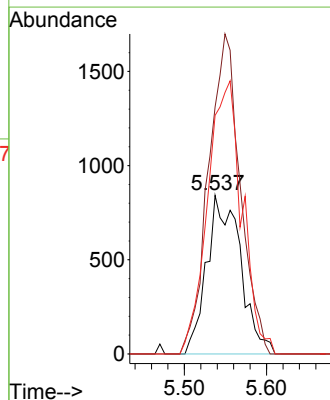
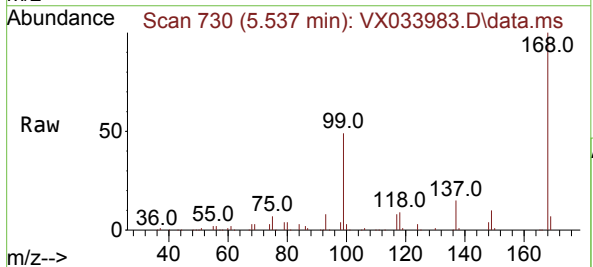
Instrument :
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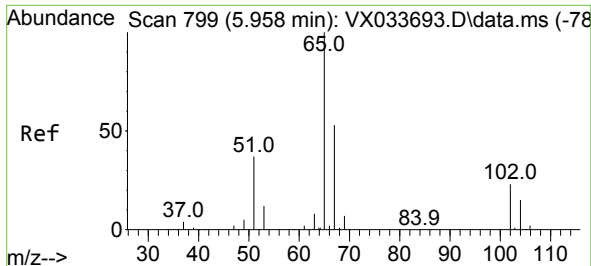
Tgt Ion: 43 Resp: 21540
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2



#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 56 Resp: 2405
Ion Ratio Lower Upper
56 100
69 155.7 24.6 37.0#
84 150.5 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.520 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

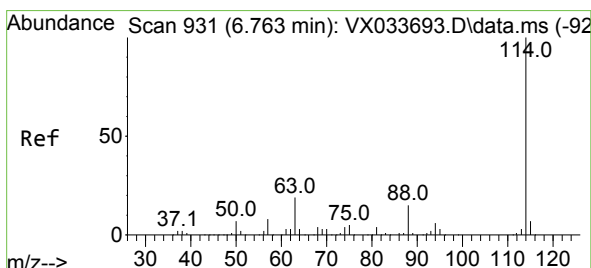
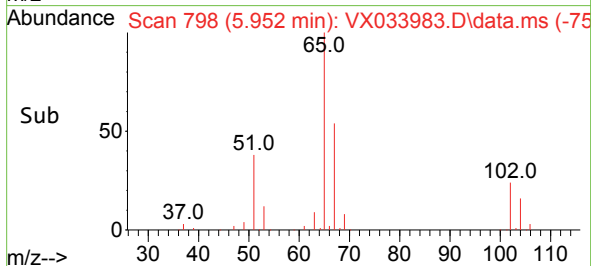
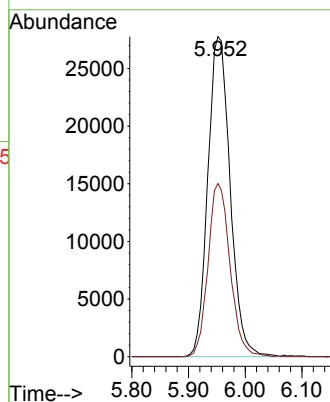
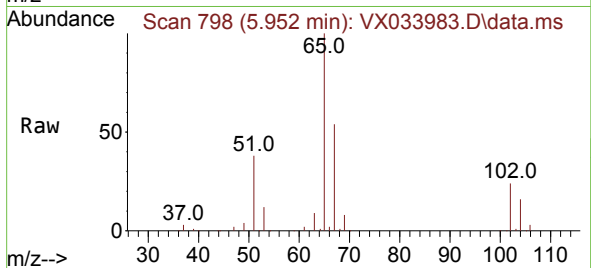
31970

Tgt Ion: 65 Resp: 75909

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

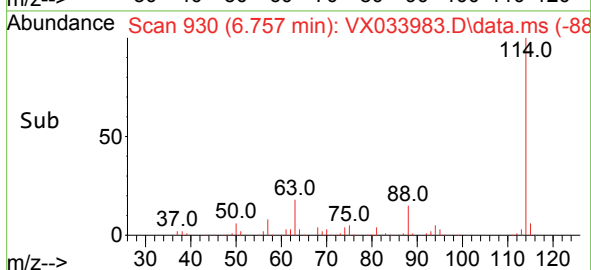
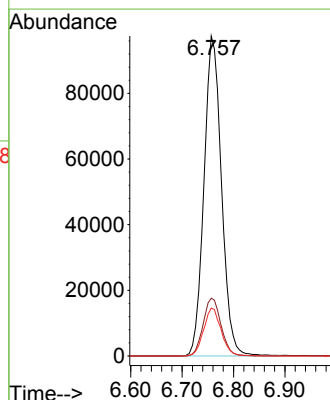
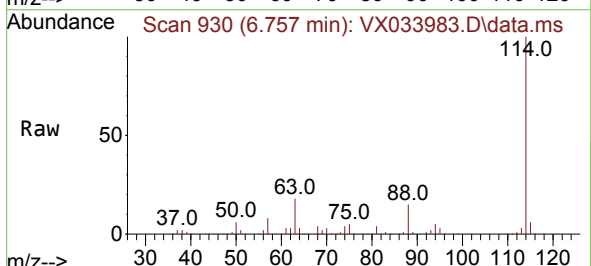
Tgt Ion: 114 Resp: 230751

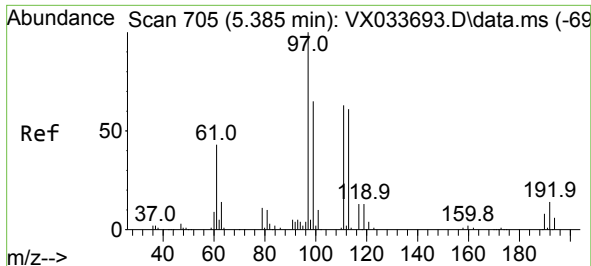
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.970 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

31970

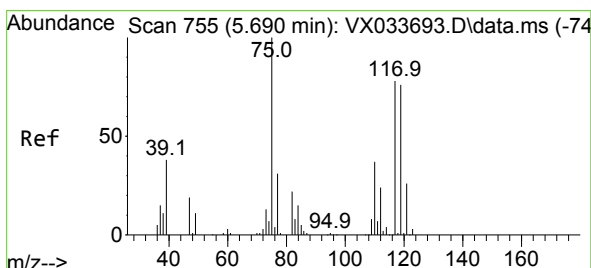
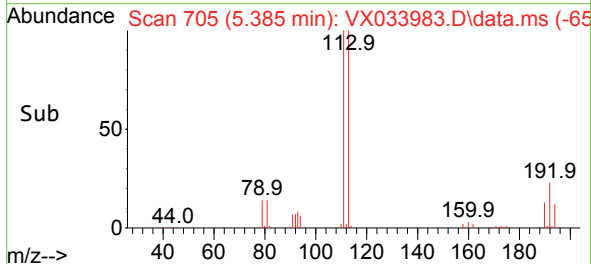
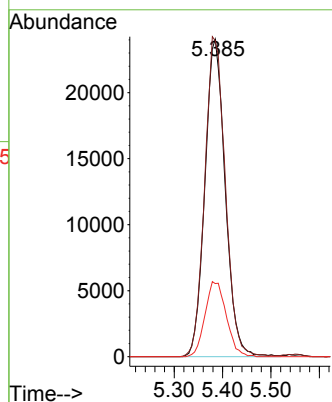
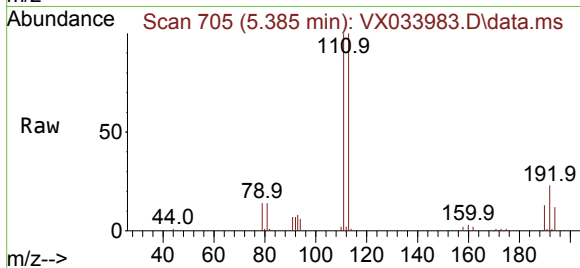
Tgt Ion:113 Resp: 70166

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 24.8 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.135 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

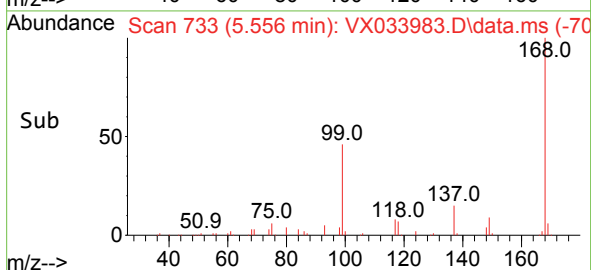
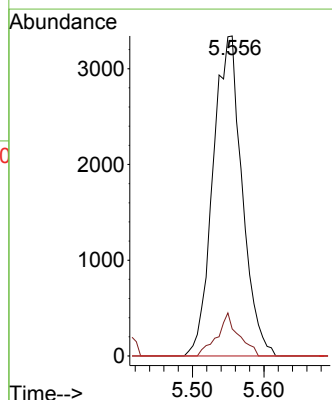
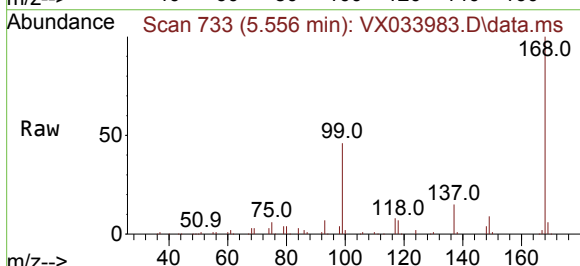
Tgt Ion: 75 Resp: 9460

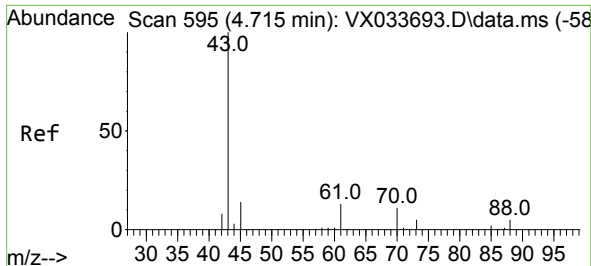
Ion Ratio Lower Upper

75 100

110 9.8 18.8 56.4#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 8.418 ug/l

RT: 4.550 min Scan# 51

Delta R.T. -0.165 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

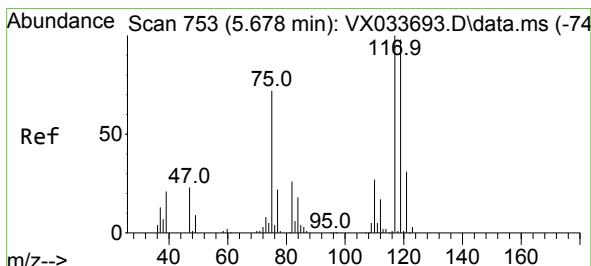
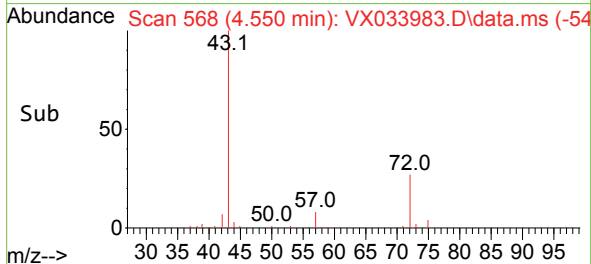
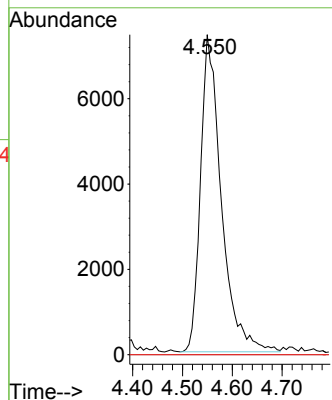
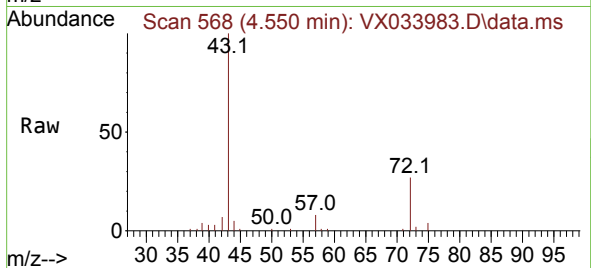
Instrument :

MSVOA_X

ClientSampleId :

31970

Tgt Ion:	43	Resp:	21540
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.146 ug/l

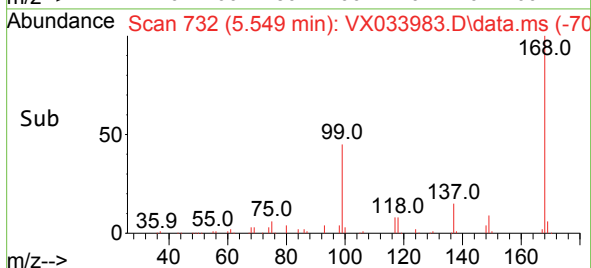
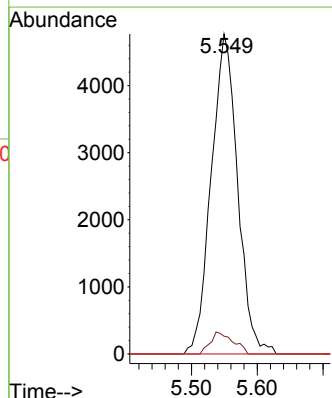
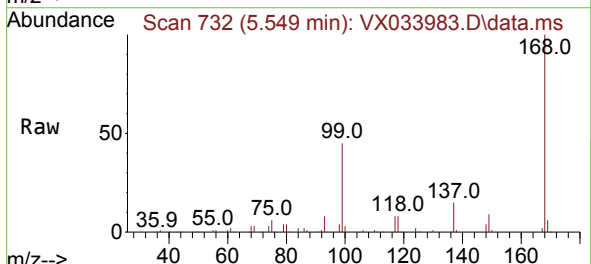
RT: 5.549 min Scan# 732

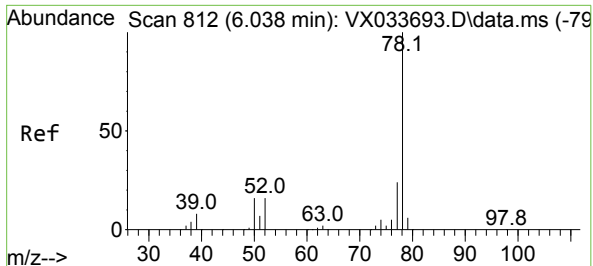
Delta R.T. -0.128 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Tgt Ion:	117	Resp:	13311
Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.0	117.0#
121	0.0	24.4	36.6#





#40

Benzene

Concen: 0.735 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

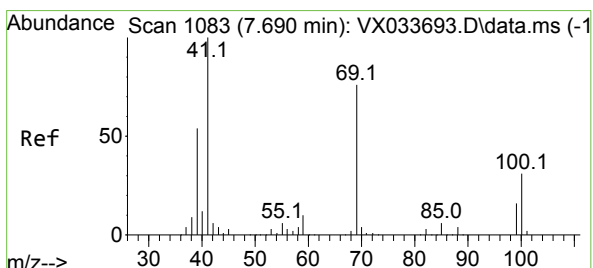
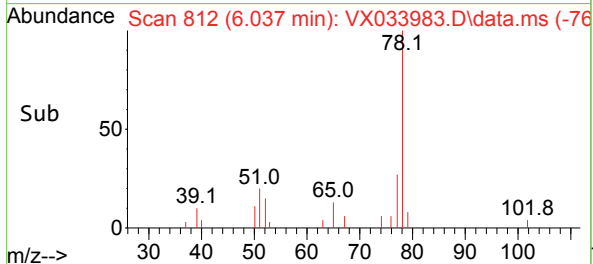
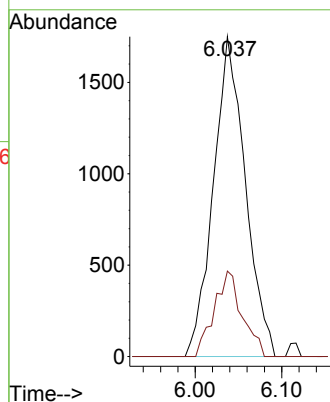
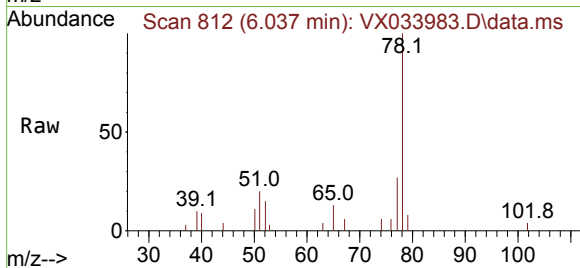
31970

Tgt Ion: 78 Resp: 4482

Ion Ratio Lower Upper

78 100

77 26.7 19.0 28.4



#48

Methyl methacrylate

Concen: 6.296 ug/l

RT: 7.573 min Scan# 1064

Delta R.T. -0.116 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

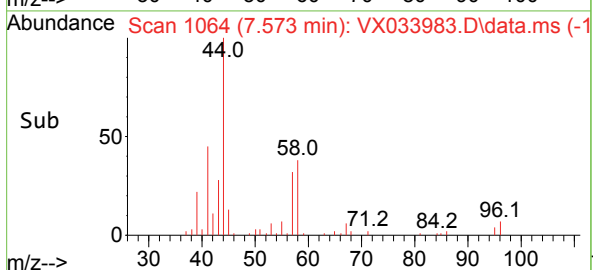
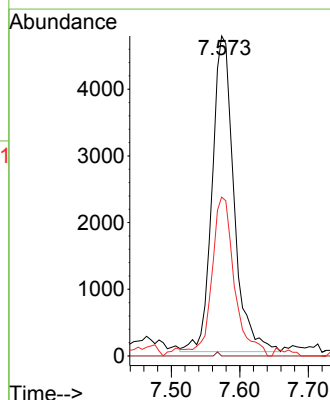
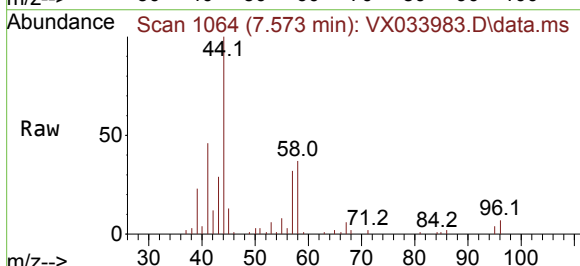
Tgt Ion: 41 Resp: 10470

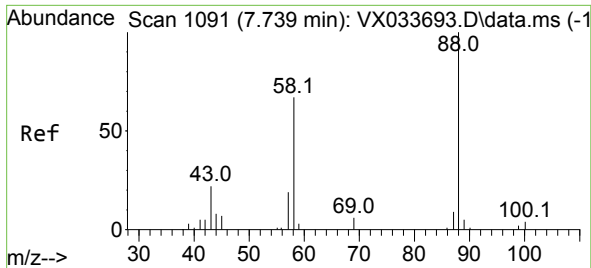
Ion Ratio Lower Upper

41 100

69 0.2 63.1 94.7#

39 51.3 43.2 64.8

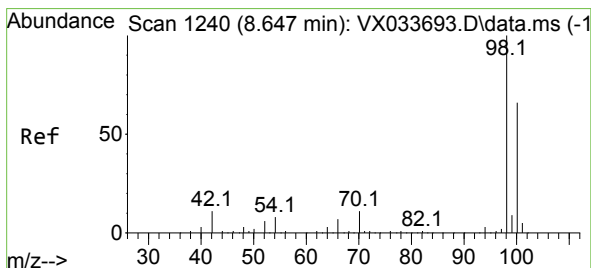
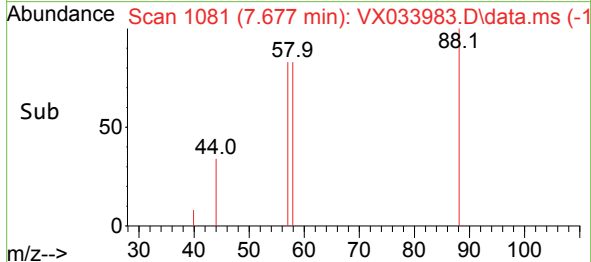
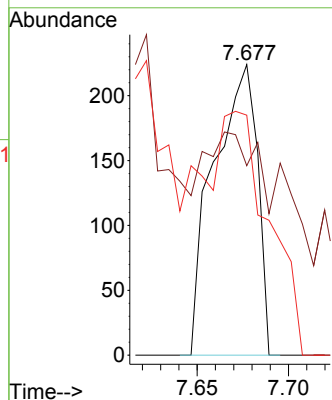
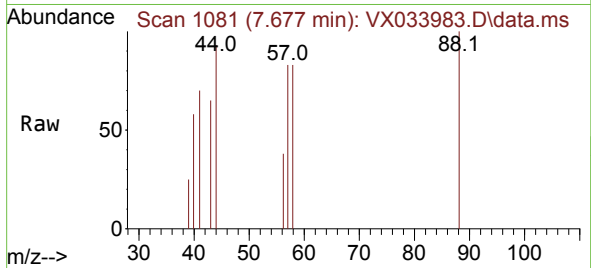




#49
1,4-Dioxane
Concen: 10.086 ug/l
RT: 7.677 min Scan# 1091
Delta R.T. -0.061 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

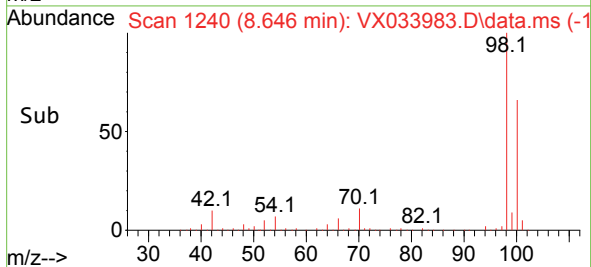
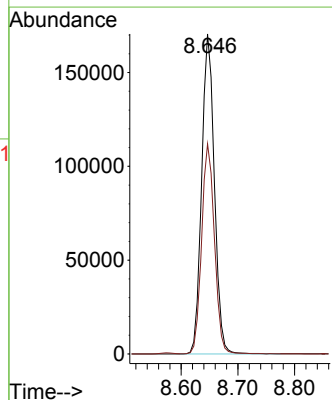
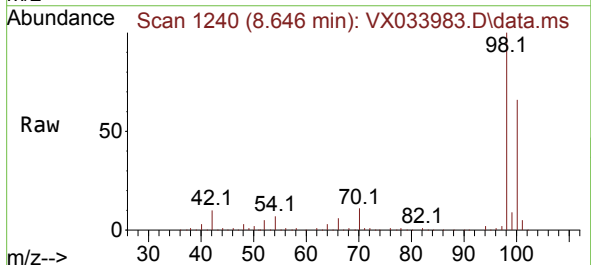
Instrument :
MSVOA_X
ClientSampleId :
31970

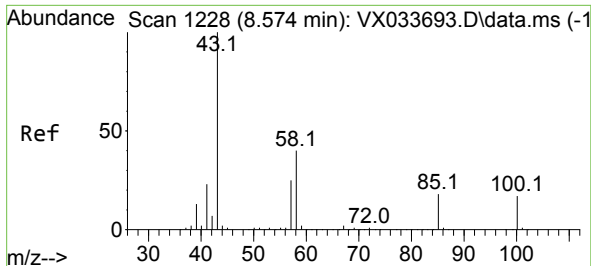
Tgt Ion: 88 Resp: 371
Ion Ratio Lower Upper
88 100
43 74.4 0.0 0.0#
58 91.6 56.5 84.7#



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 98 Resp: 265657
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

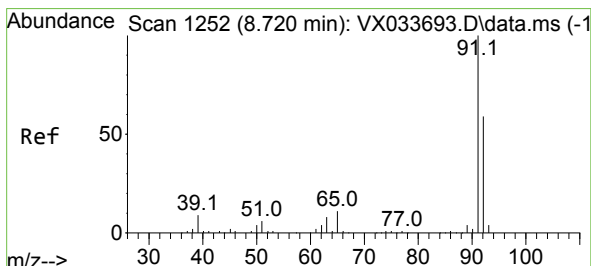
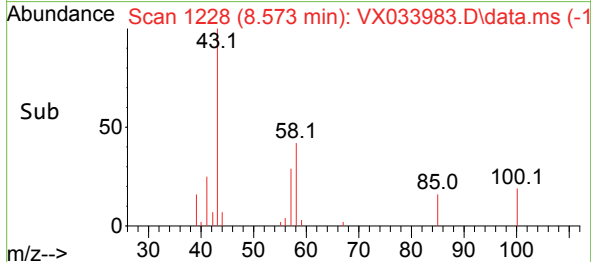
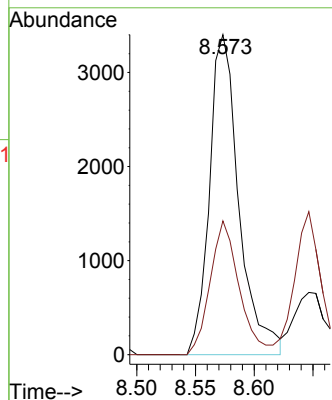
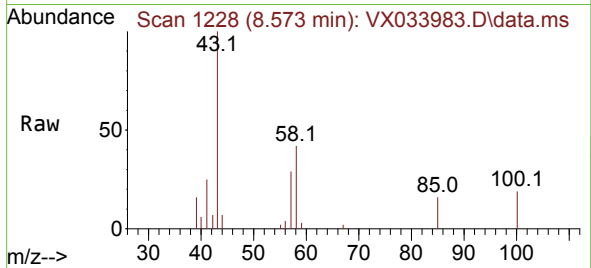




#51
4-Methyl-2-Pentanone
Concen: 2.925 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

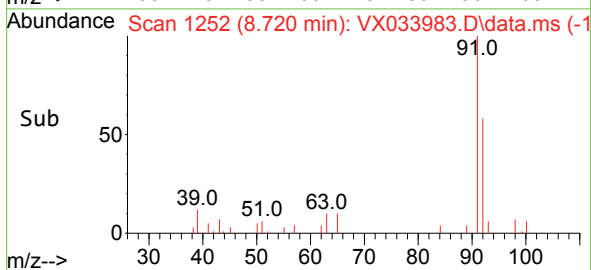
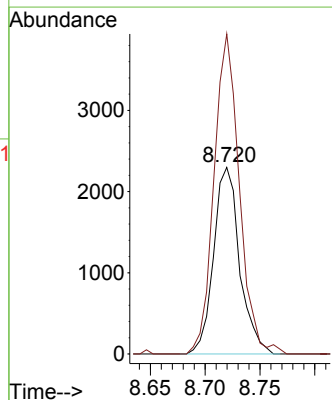
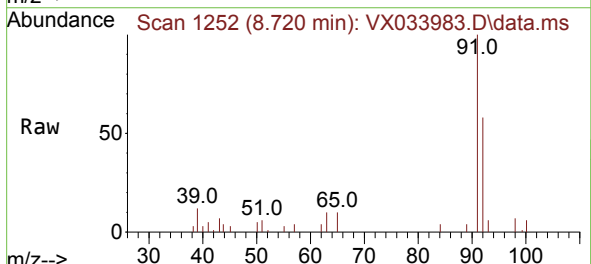
Instrument :
MSVOA_X
ClientSampleId :
31970

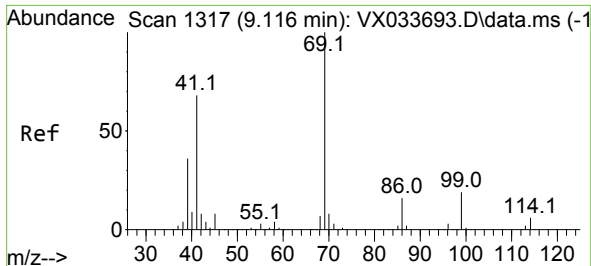
Tgt Ion: 43 Resp: 5930
Ion Ratio Lower Upper
43 100
58 41.5 31.2 46.8



#52
Toluene
Concen: 0.964 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 92 Resp: 3793
Ion Ratio Lower Upper
92 100
91 167.0 135.5 203.3

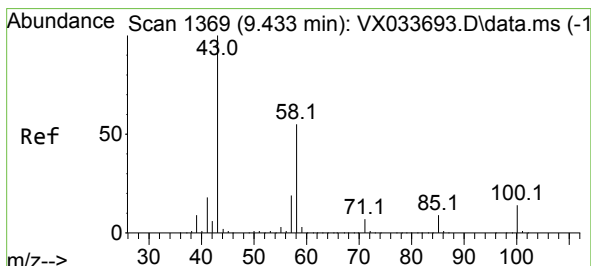
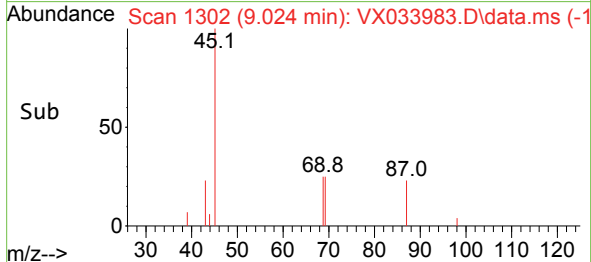
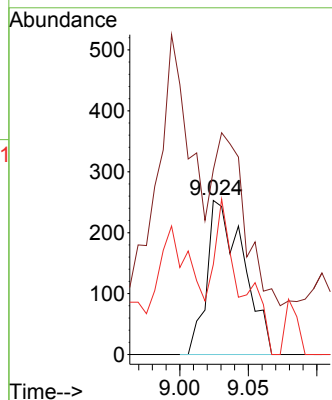
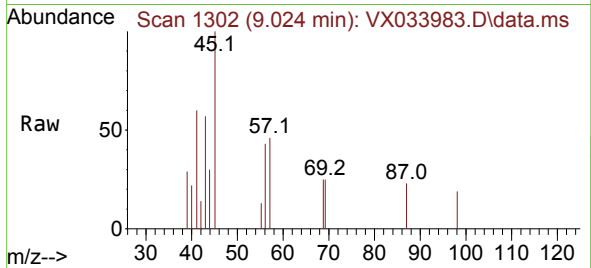




#56
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 9.024 min Scan# 11
Delta R.T. -0.092 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

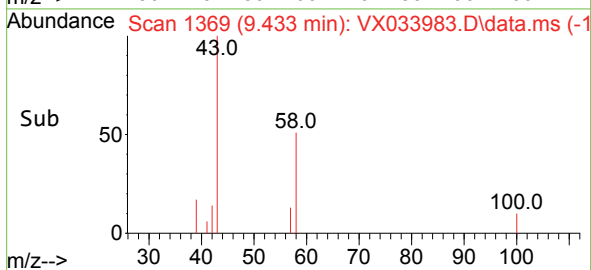
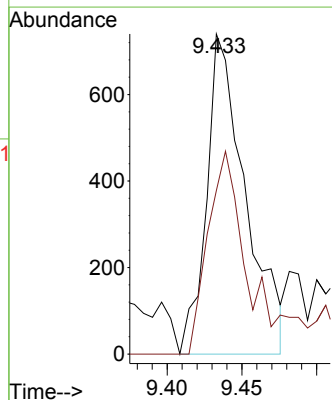
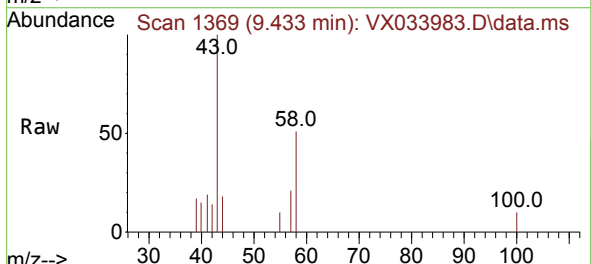
Instrument :
MSVOA_X
ClientSampleId :
31970

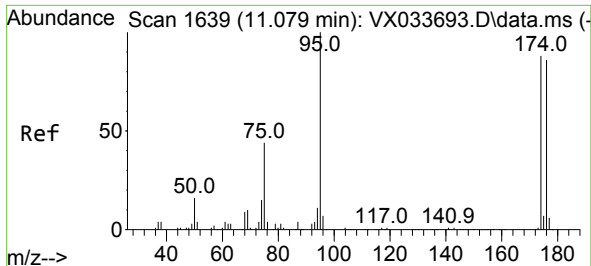
Tgt Ion: 69 Resp: 468
Ion Ratio Lower Upper
69 100
41 93.2 55.1 82.7#
39 75.2 28.5 42.7#



#59
2-Hexanone
Concen: 0.949 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 64.0 27.4 82.0

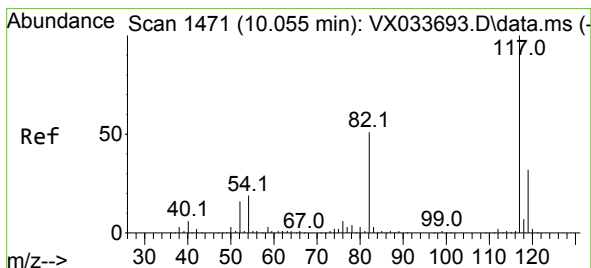
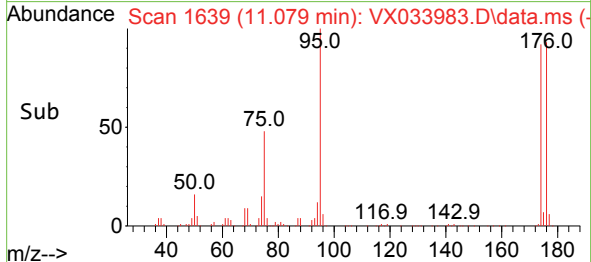
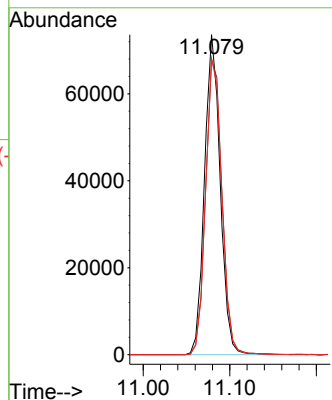
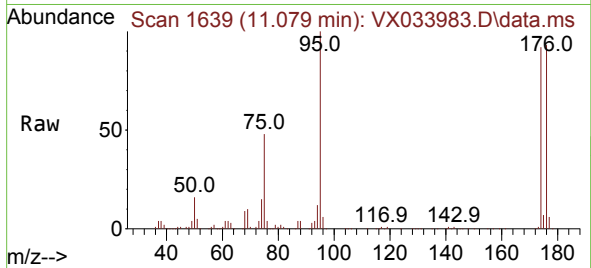




#62
4-Bromofluorobenzene
Concen: 47.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

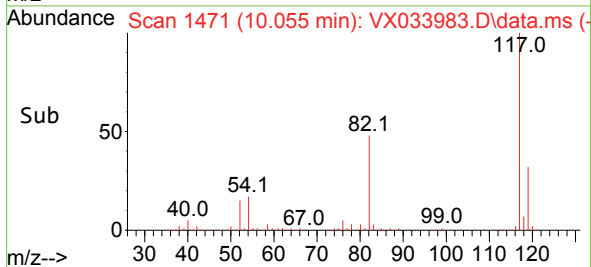
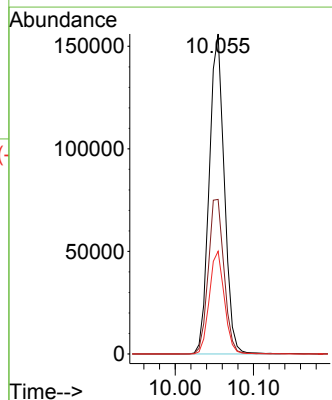
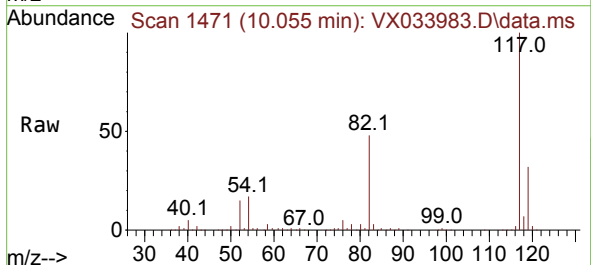
Instrument :
MSVOA_X
ClientSampleId :
31970

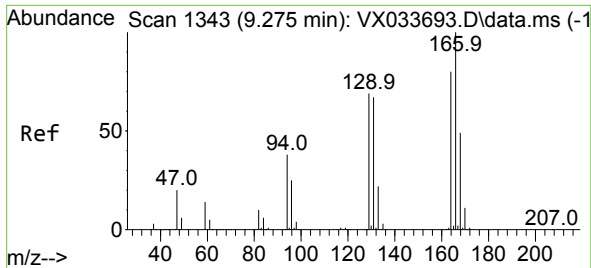
Tgt Ion: 95 Resp: 92534
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.4
176 95.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 117 Resp: 208107
Ion Ratio Lower Upper
117 100
82 48.3 40.6 60.8
119 32.1 25.6 38.4

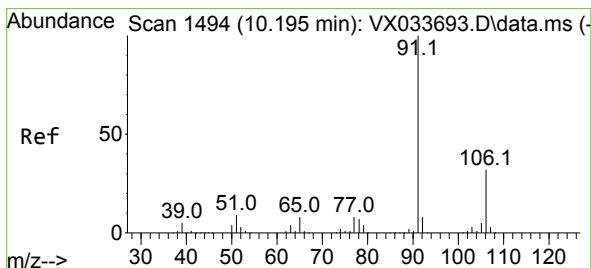
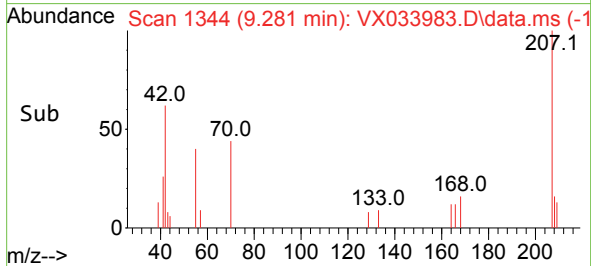
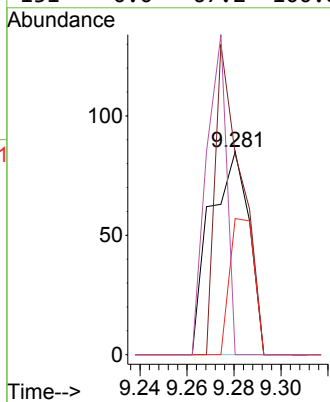
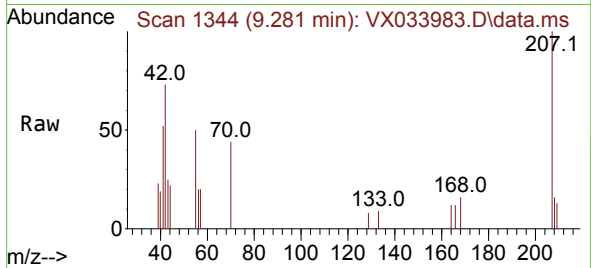




#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

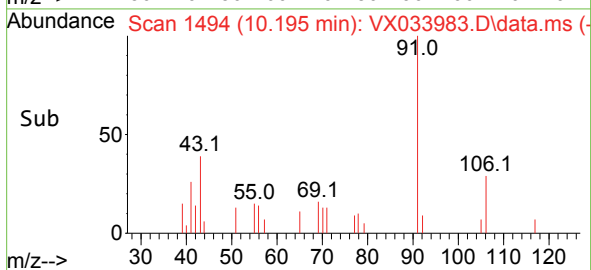
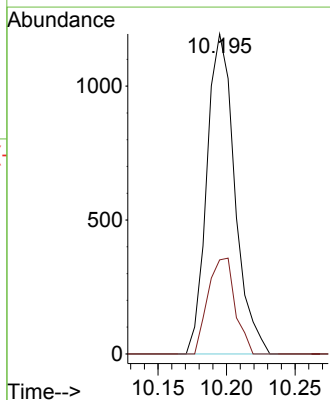
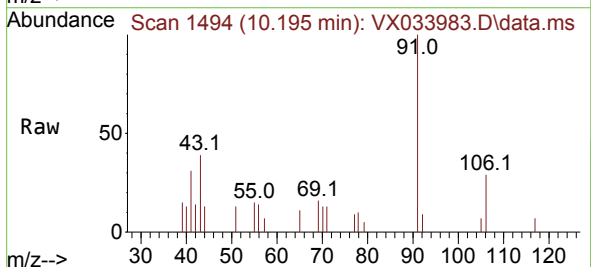
Instrument :
MSVOA_X
ClientSampleId :
31970

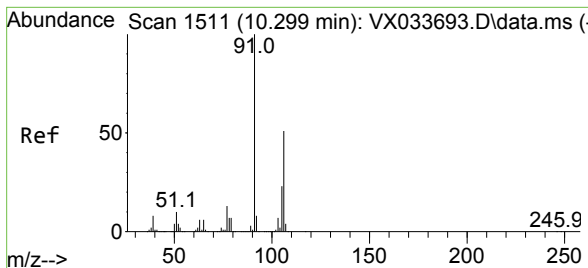
Tgt Ion:164 Resp: 97
Ion Ratio Lower Upper
164 100
166 98.8 100.2 150.2#
129 67.1 69.2 103.8#
131 0.0 67.2 100.8#



#67
Ethyl Benzene
Concen: 0.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 91 Resp: 1695
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.8

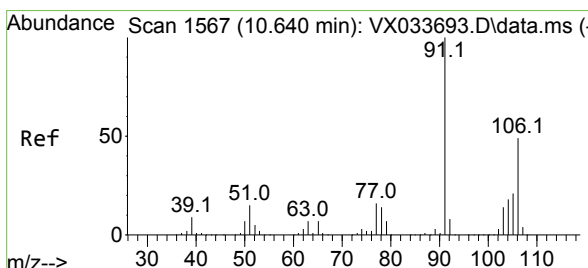
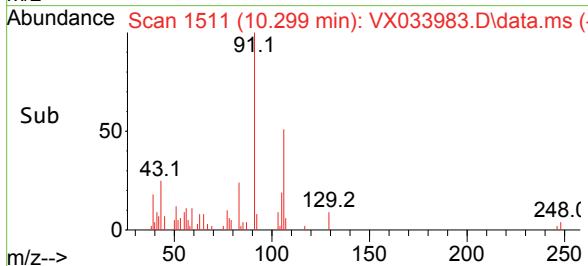
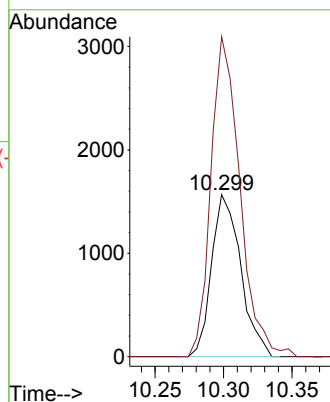
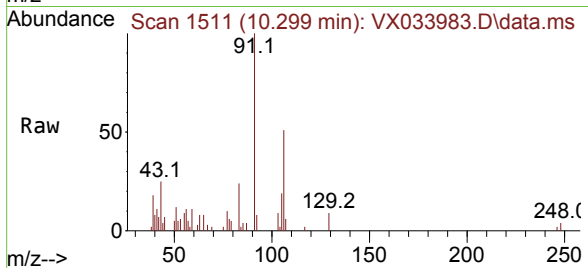




#68
m/p-Xylenes
Concen: 0.801 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

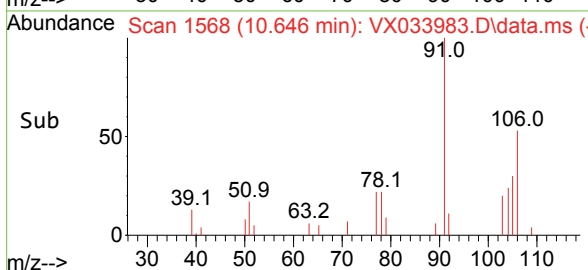
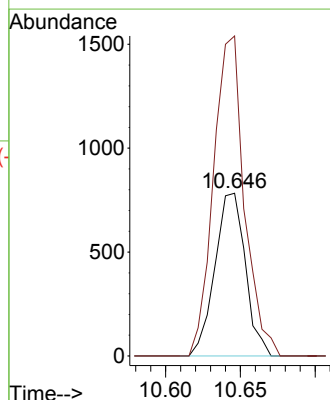
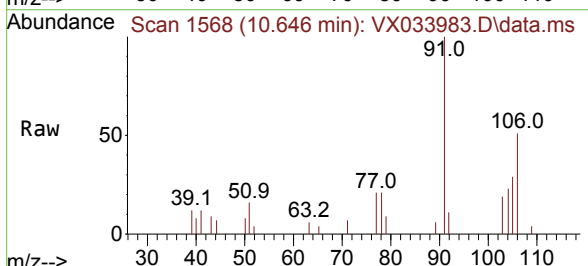
Instrument :
MSVOA_X
ClientSampleId :
31970

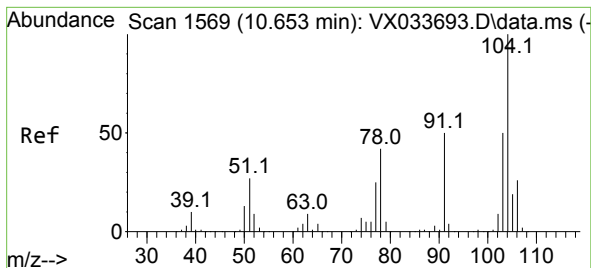
Tgt Ion:106 Resp: 2318
Ion Ratio Lower Upper
106 100
91 196.5 156.4 234.6



#69
o-Xylene
Concen: 0.387 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion:106 Resp: 1110
Ion Ratio Lower Upper
106 100
91 199.3 103.1 309.3





#70

Styrene

Concen: 0.327 ug/l

RT: 10.658 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

31970

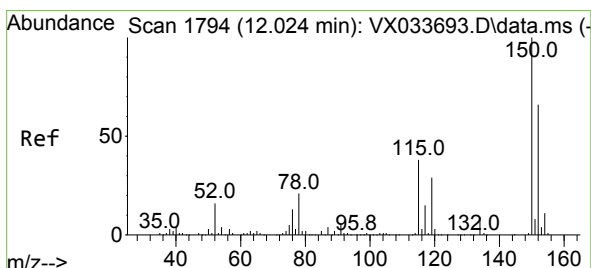
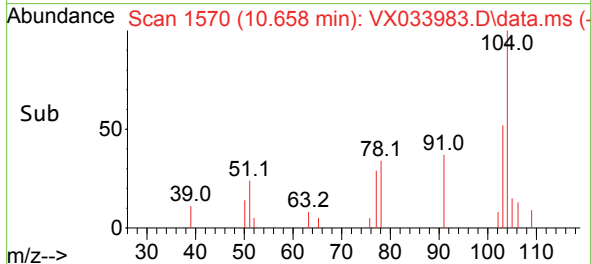
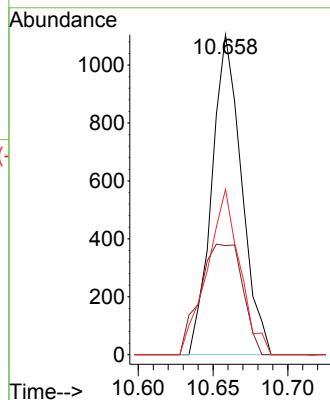
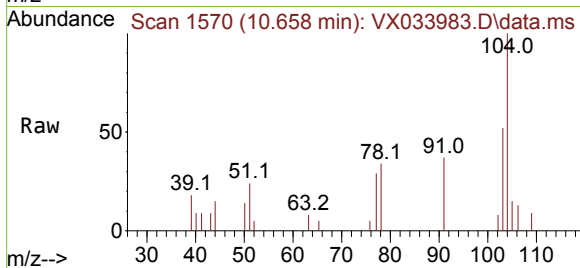
Tgt Ion:104 Resp: 1526

Ion Ratio Lower Upper

104 100

78 49.5 37.5 56.3

103 56.8 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: VX033983.D

Acq: 01 Feb 2023 12:48

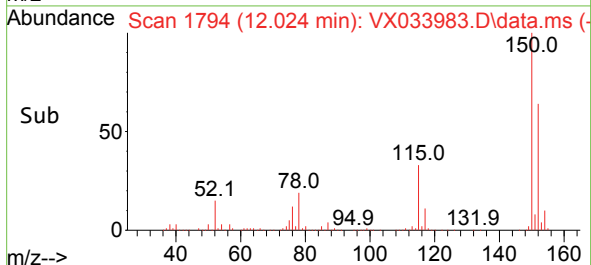
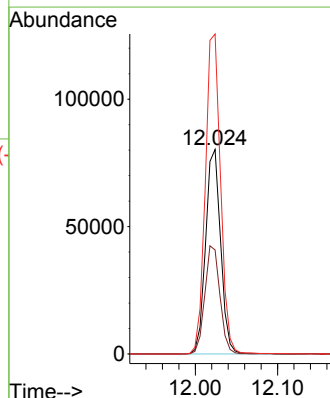
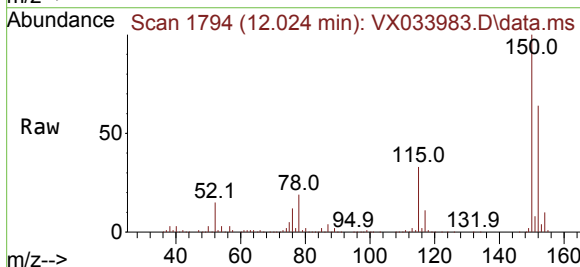
Tgt Ion:152 Resp: 101816

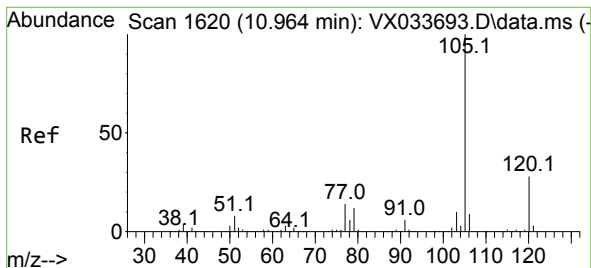
Ion Ratio Lower Upper

152 100

115 53.2 38.7 116.1

150 158.8 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

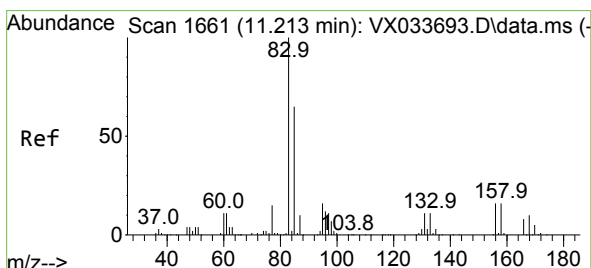
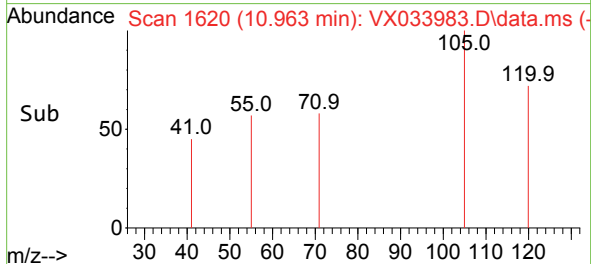
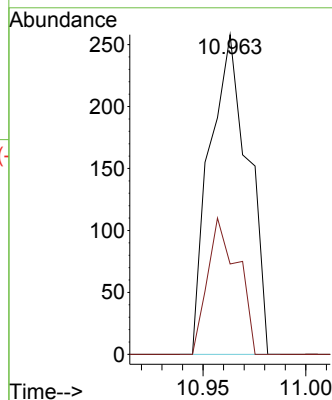
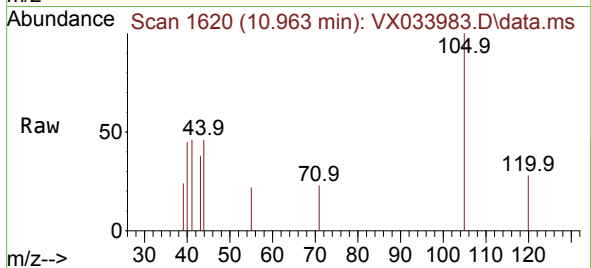
31970

Tgt Ion:105 Resp: 335

Ion Ratio Lower Upper

105 100

120 33.7 13.6 40.8



#75

1,1,2,2-Tetrachloroethane

Concen: 6.209 ug/l

RT: 11.152 min Scan# 1651

Delta R.T. -0.061 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

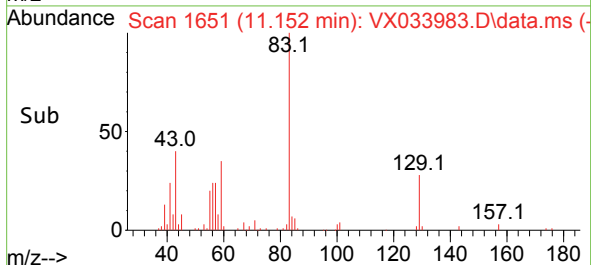
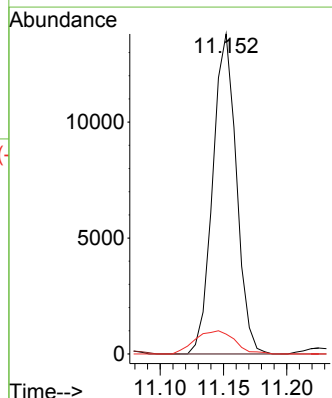
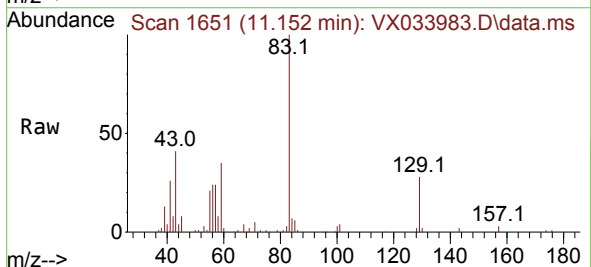
Tgt Ion: 83 Resp: 17939

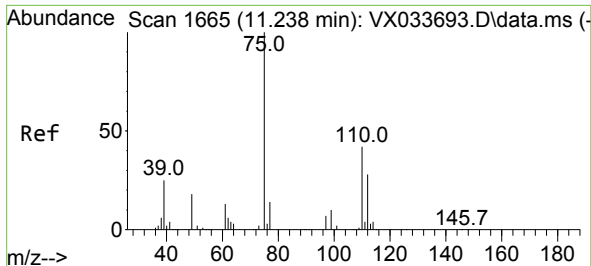
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 12.1 32.3 96.9#

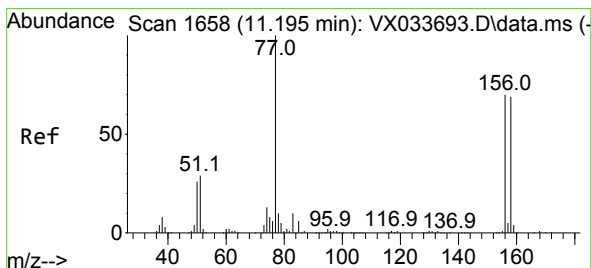
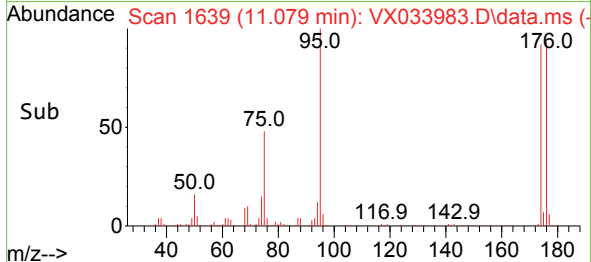
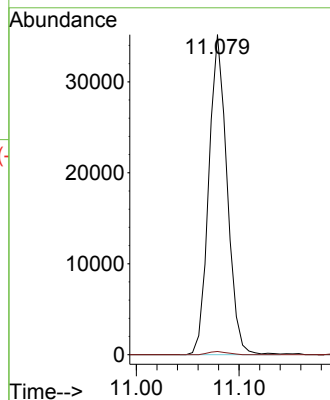
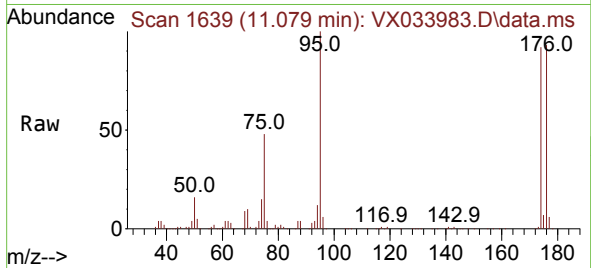




#76
1,2,3-Trichloropropane
Concen: 23.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

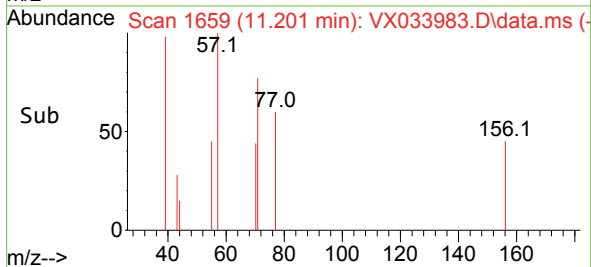
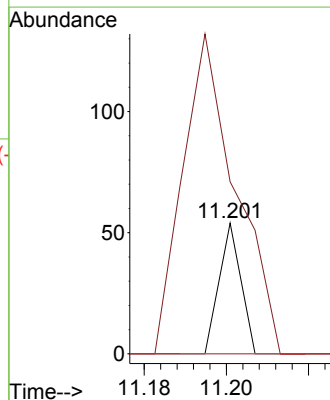
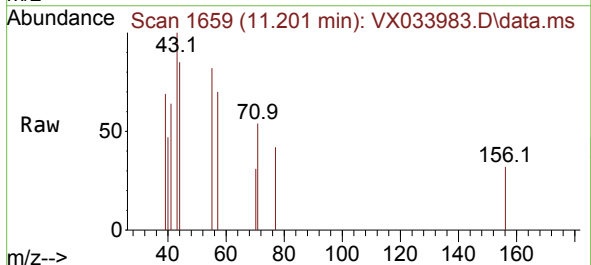
Instrument :
MSVOA_X
ClientSampleId :
31970

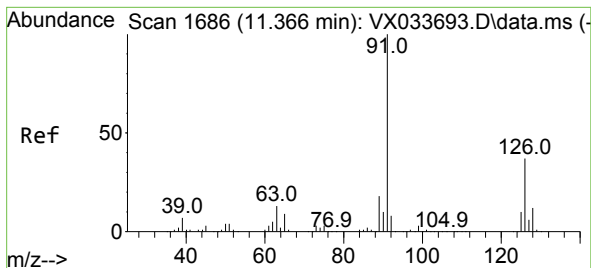
Tgt Ion: 75 Resp: 43400
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion:156 Resp: 20
Ion Ratio Lower Upper
156 100
77 590.0 68.1 204.3#
158 0.0 48.0 144.2#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

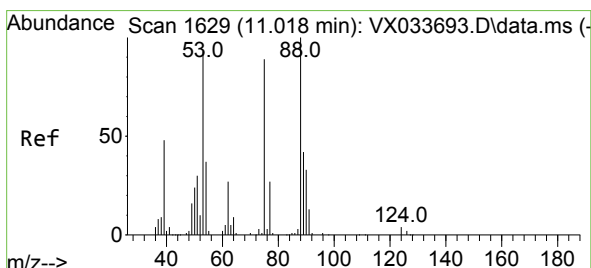
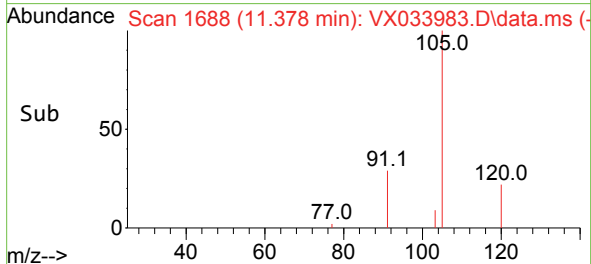
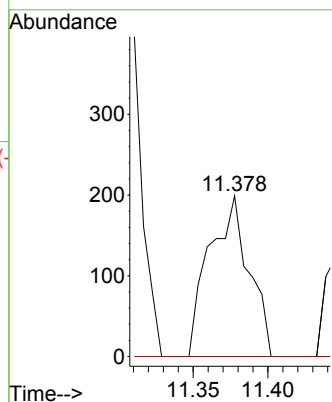
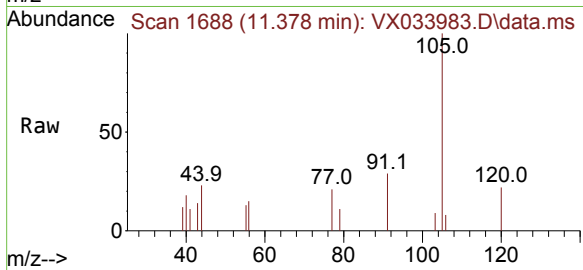
31970

Tgt Ion: 91 Resp: 367

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.102 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

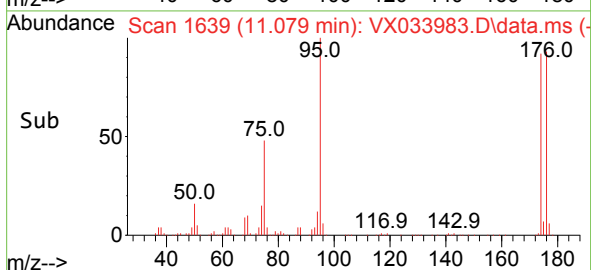
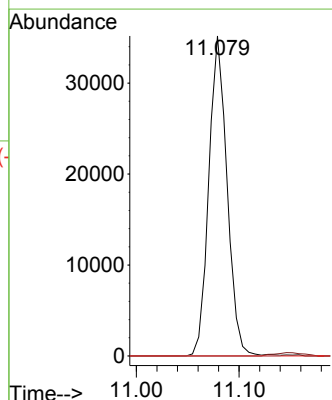
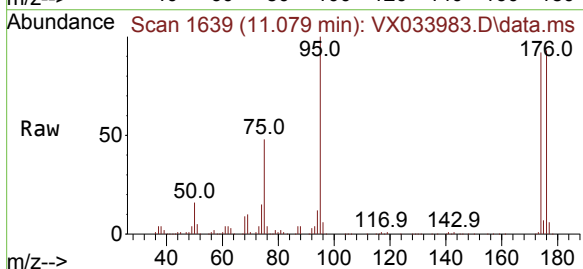
Tgt Ion: 75 Resp: 43400

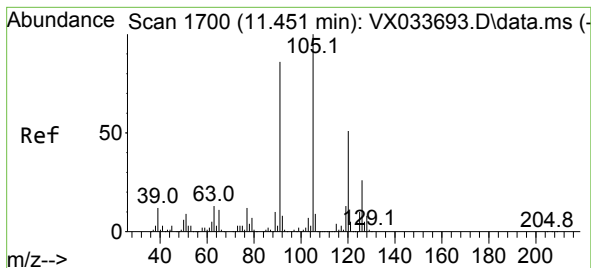
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

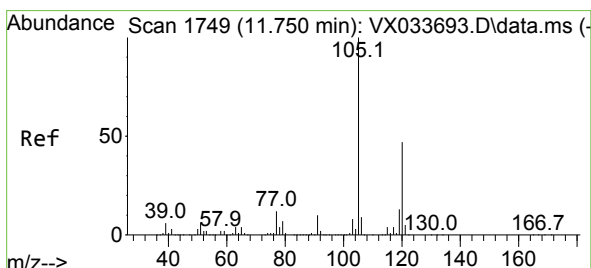
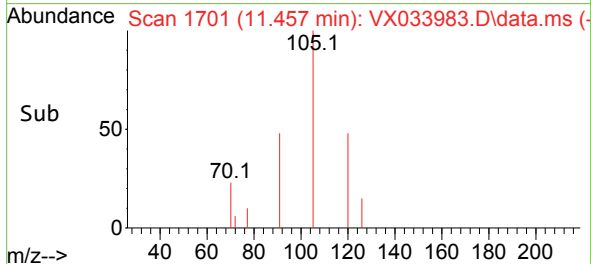
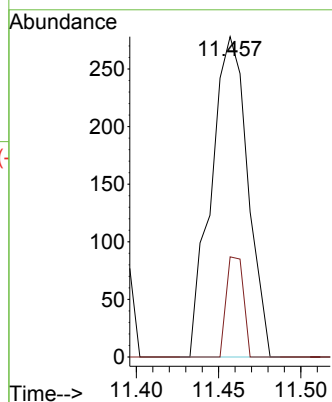
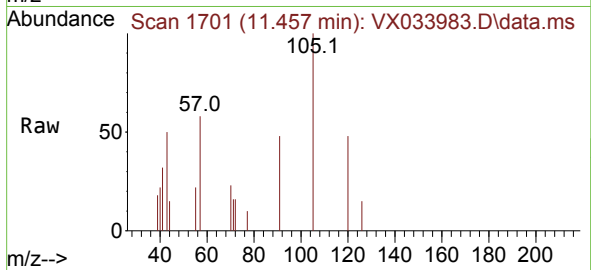




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

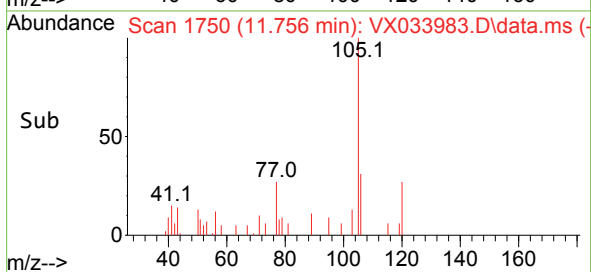
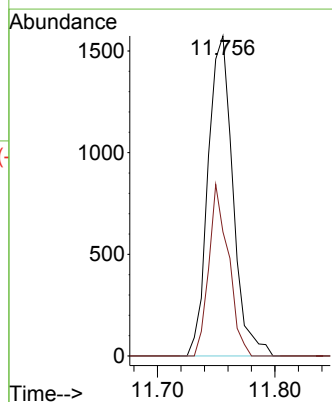
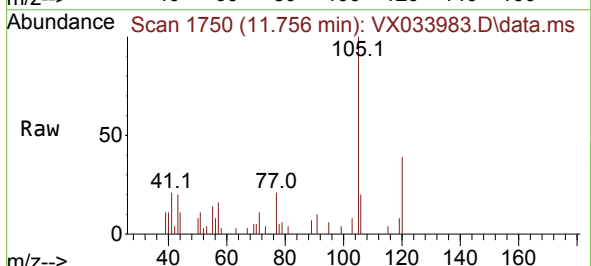
Instrument :
MSVOA_X
ClientSampleId :
31970

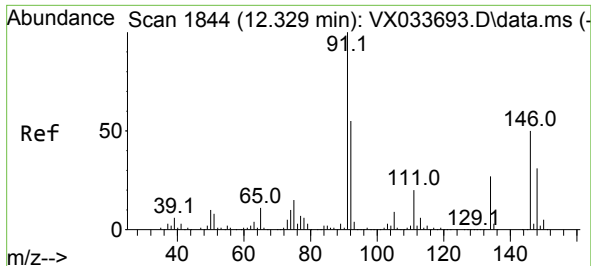
Tgt Ion: 91 Resp: 431
Ion Ratio Lower Upper
91 100
126 14.6 15.8 47.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.399 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion: 105 Resp: 2311
Ion Ratio Lower Upper
105 100
120 42.4 23.4 70.2





#89

n-Butylbenzene

Concen: 0.254 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033983.D

Acq: 01 Feb 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

31970

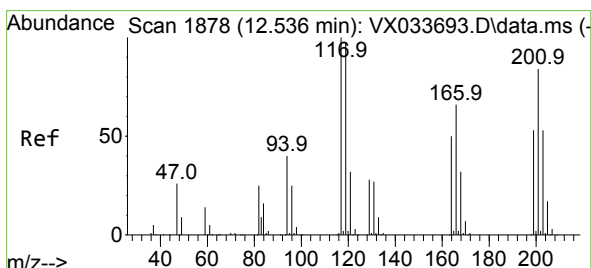
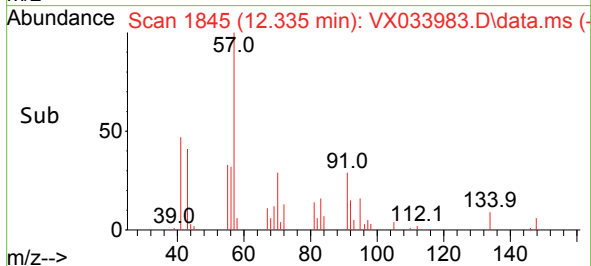
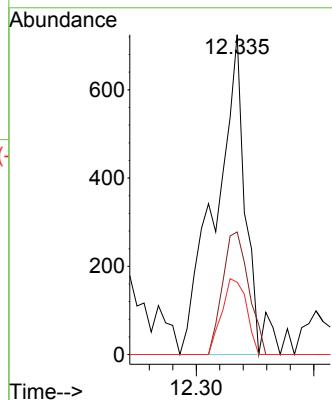
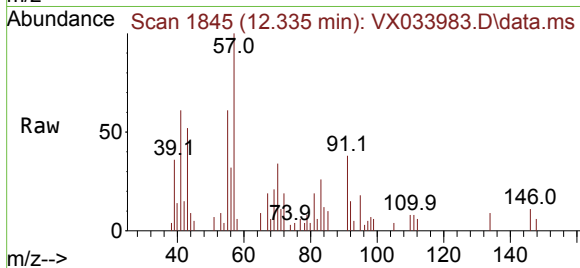
Tgt Ion: 91 Resp: 1295

Ion Ratio Lower Upper

91 100

92 33.1 27.5 82.5

134 19.2 14.3 42.9



#90

Hexachloroethane

Concen: 0.467 ug/l

RT: 12.414 min Scan# 1858

Delta R.T. -0.122 min

Lab File: VX033983.D

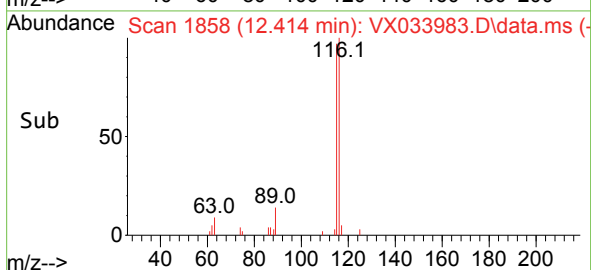
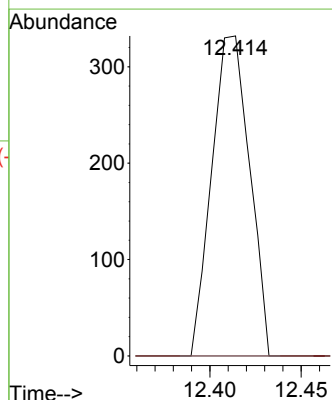
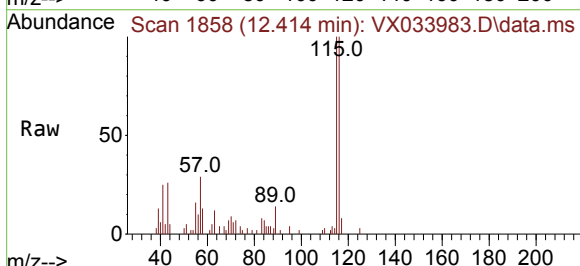
Acq: 01 Feb 2023 12:48

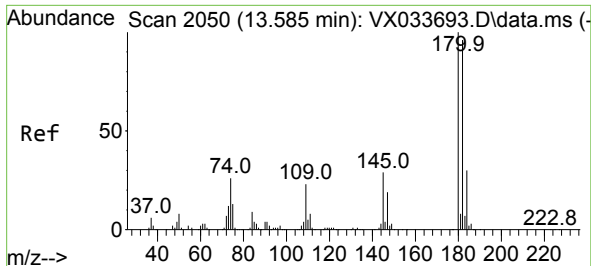
Tgt Ion: 117 Resp: 479

Ion Ratio Lower Upper

117 100

201 0.0 45.1 135.3#

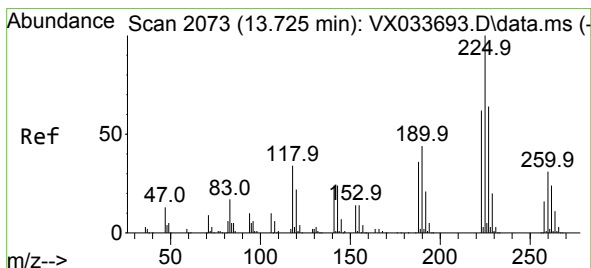
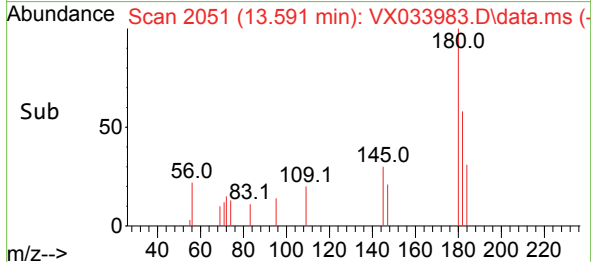
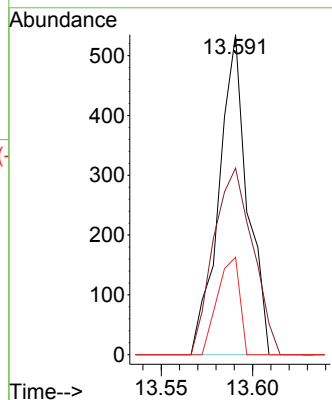
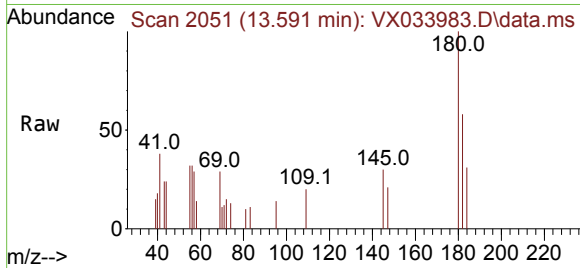




#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

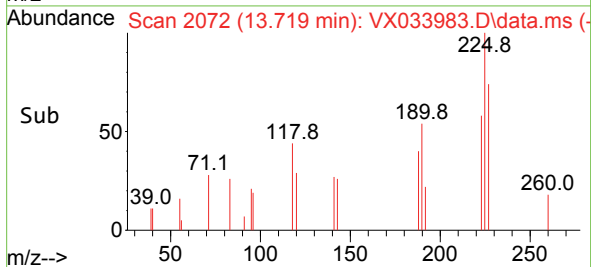
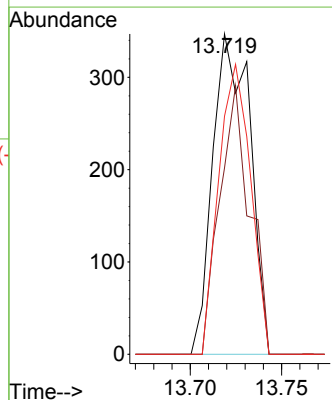
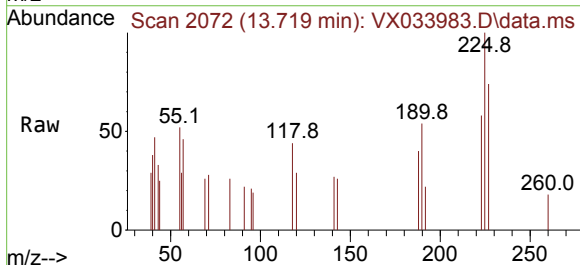
Instrument :
MSVOA_X
ClientSampleId :
31970

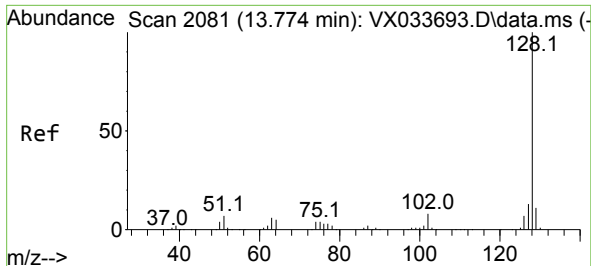
Tgt Ion:180 Resp: 582
Ion Ratio Lower Upper
180 100
182 80.1 47.9 143.6
145 23.7 14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.449 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.007 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion:225 Resp: 492
Ion Ratio Lower Upper
225 100
223 67.9 31.3 93.9
227 77.6 32.3 96.9

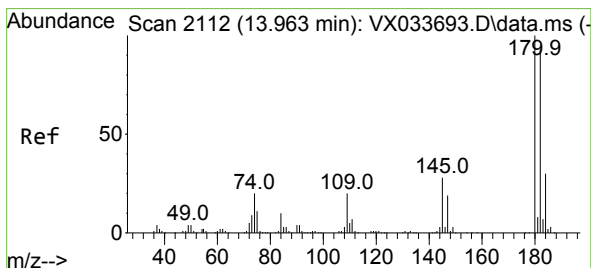
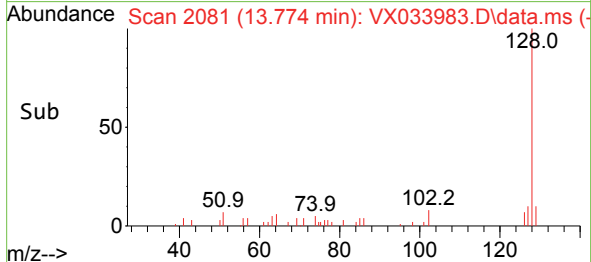
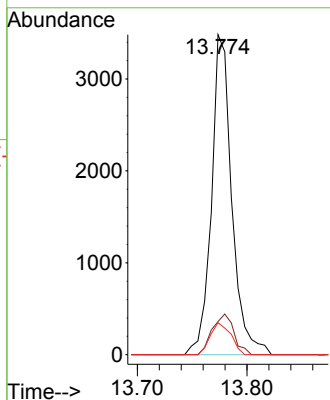
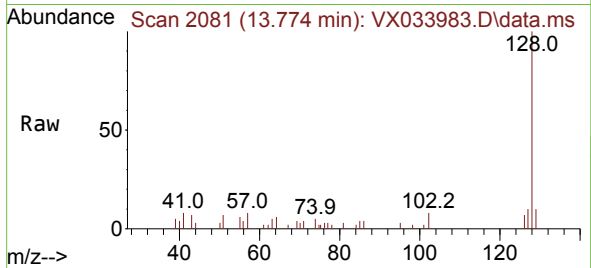




#95
Naphthalene
Concen: 0.698 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
31970

Tgt Ion:128	Resp:	4490	
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.211 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX033983.D
Acq: 01 Feb 2023 12:48

Tgt Ion:180	Resp:	472	
Ion	Ratio	Lower	Upper
180	100		
182	111.2	47.6	142.9
145	33.1	15.1	45.3

