

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033748.D
 Acq On : 16 Jan 2023 14:35
 Operator : JC/MD
 Sample : 01133-08
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOT-VOC

Quant Time: Jan 17 00:43:00 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)

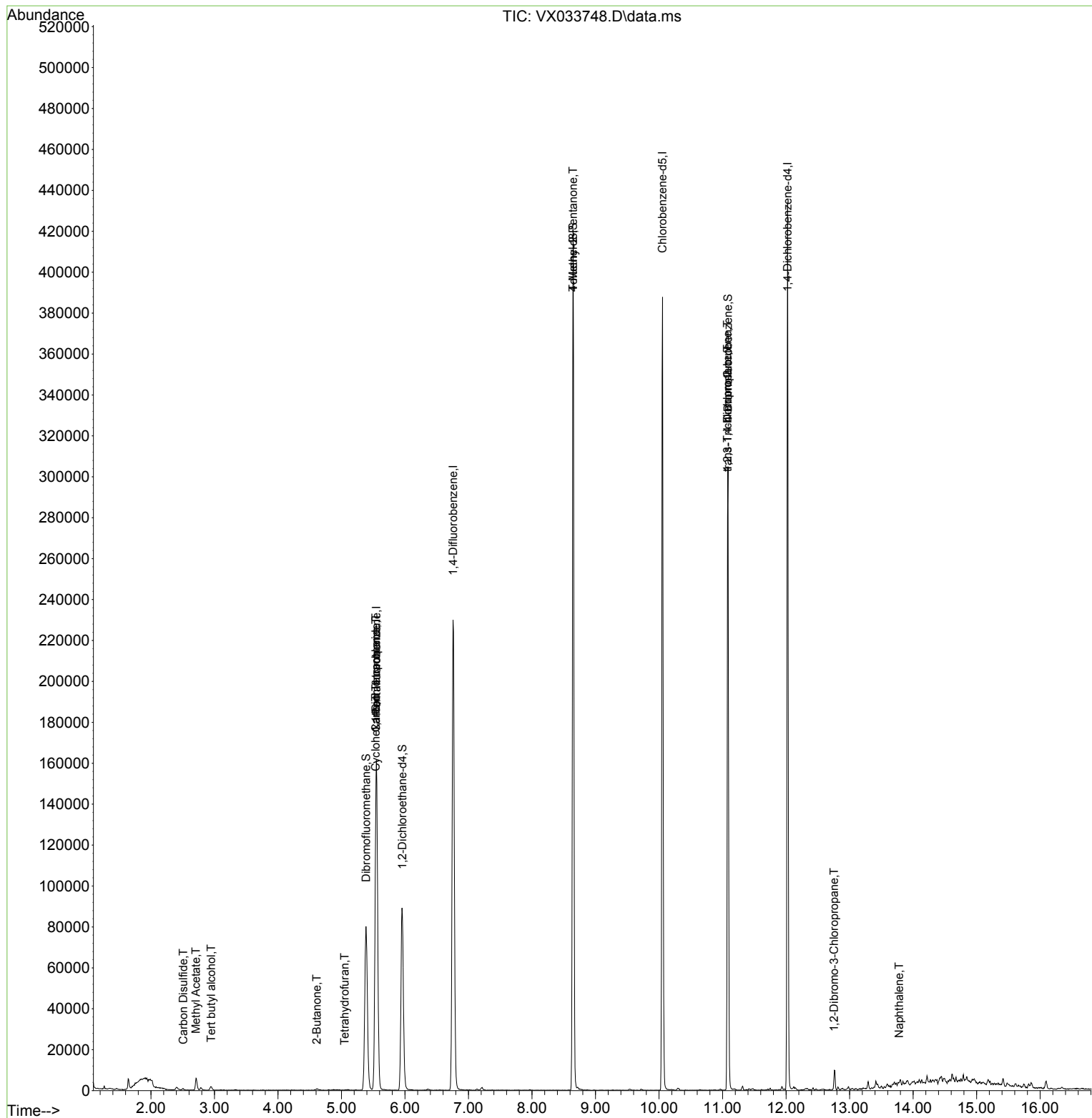
Internal Standards						
1) Pentafluorobenzene	5.550	168	165964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86795	49.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.340%		
35) Dibromofluoromethane	5.385	113	69787	45.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.760%		
50) Toluene-d8	8.647	98	240712	42.956	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.920%#		
62) 4-Bromofluorobenzene	11.085	95	85886	41.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.560%#		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1202	3.960	ug/l #	86
16) Acetone	2.404	43	2003	Below Cal	#	81
17) Carbon Disulfide	2.508	76	882	2.071	ug/l #	76
18) Methyl Acetate	2.709	43	7383	3.027	ug/l	99
20) Methylene Chloride	2.782	84	638	Below Cal	#	94
25) 2-Butanone	4.611	43	423	0.370	ug/l #	51
29) Tetrahydrofuran	5.050	42	204	0.283	ug/l #	34
31) Cyclohexane	5.538	56	2854	1.110	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	11312	5.040	ug/l #	48
37) Ethyl Acetate	4.708	43	21	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	15134	6.510	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1275	0.586	ug/l #	1
73) Isopropylbenzene	10.963	105	101	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42884	24.138	ug/l #	34
77) Bromobenzene	11.195	156	80	Below Cal	#	51
79) 2-Chlorotoluene	11.372	91	178	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42884	75.018	ug/l #	8
82) 4-Chlorotoluene	11.463	91	293	Below Cal	#	70
92) 1,2-Dibromo-3-Chloropr...	12.756	75	239	0.606	ug/l #	1
95) Naphthalene	13.780	128	1737	0.284	ug/l #	95

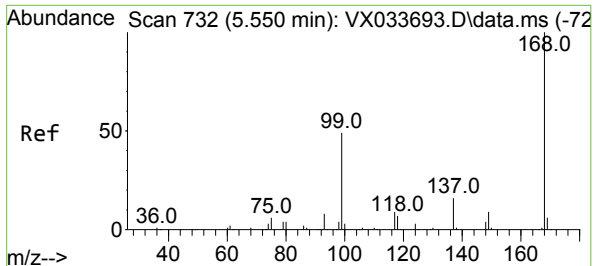
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

Quant Time: Jan 17 00:43:00 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

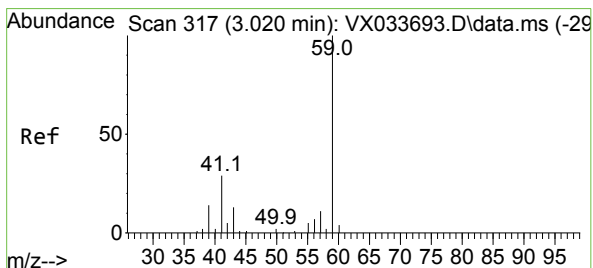
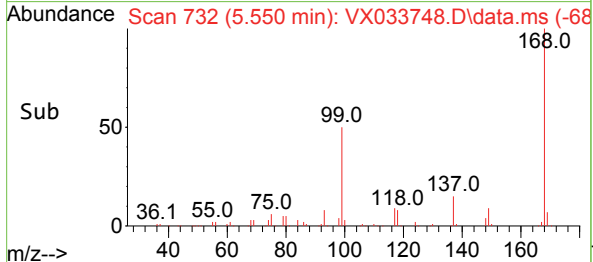
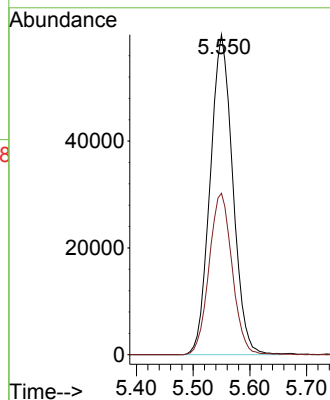
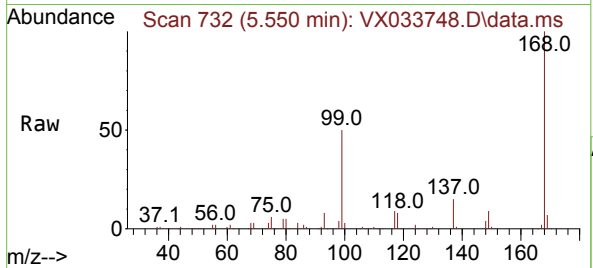




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

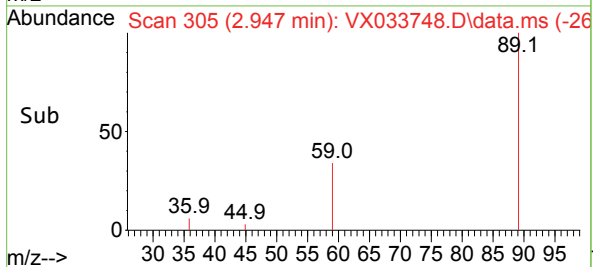
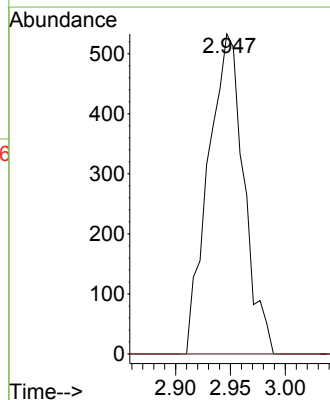
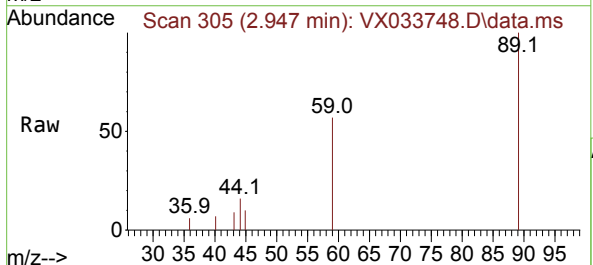
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

Tgt Ion:168 Resp: 165964
Ion Ratio Lower Upper
168 100
99 50.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 3.960 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 59 Resp: 1202
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

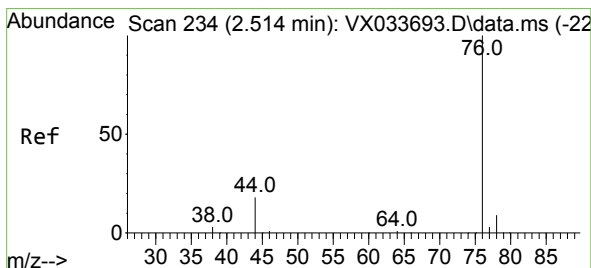
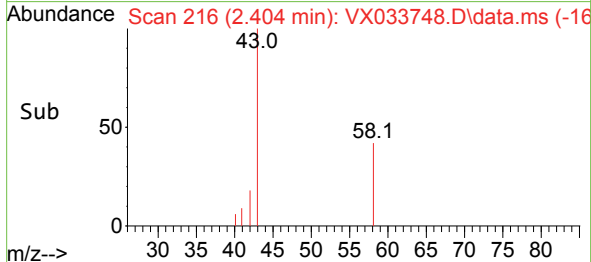
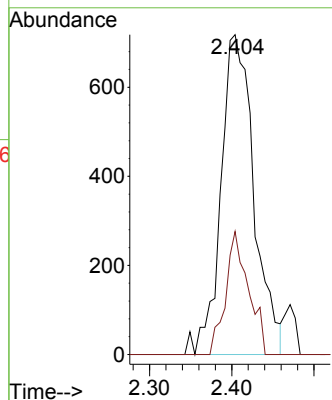
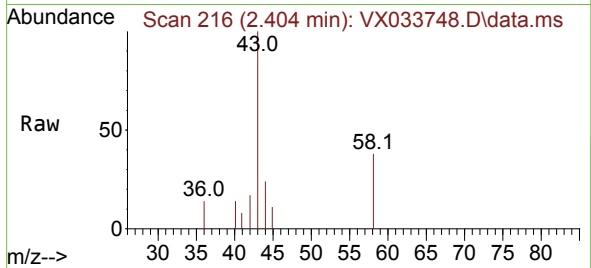




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

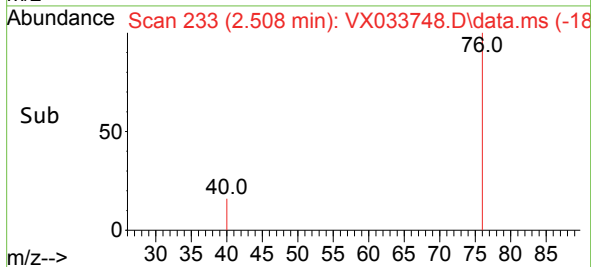
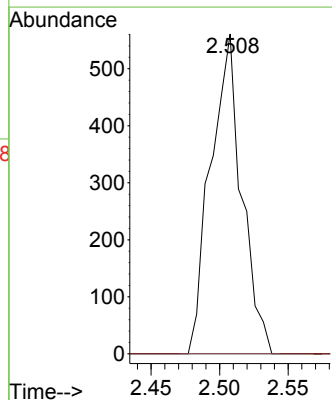
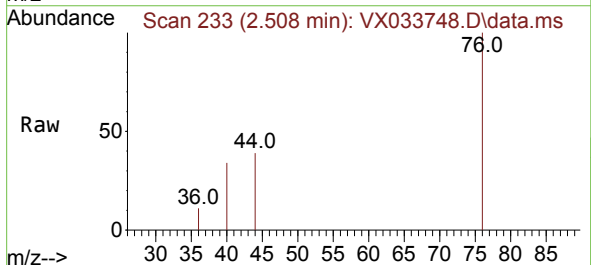
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

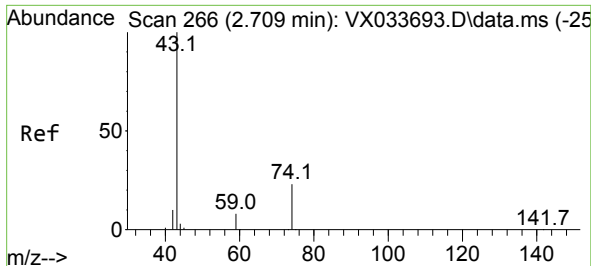
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 38.4 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.071 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 76 Resp: 882
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

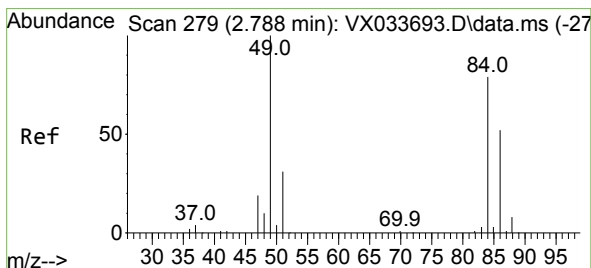
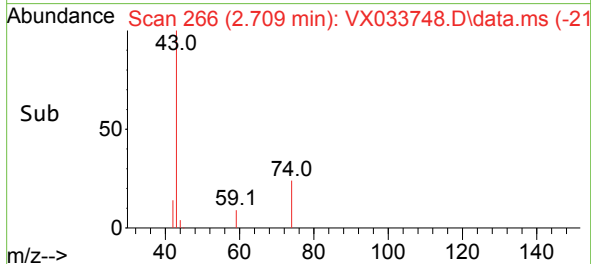
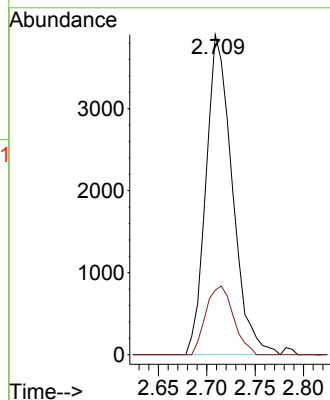
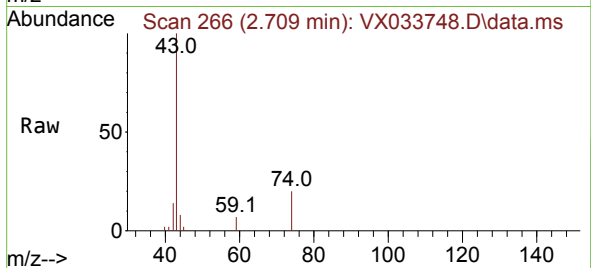




#18
Methyl Acetate
Concen: 3.027 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

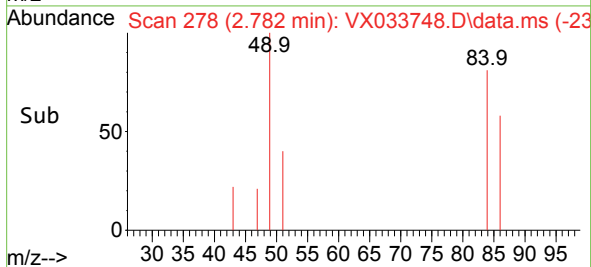
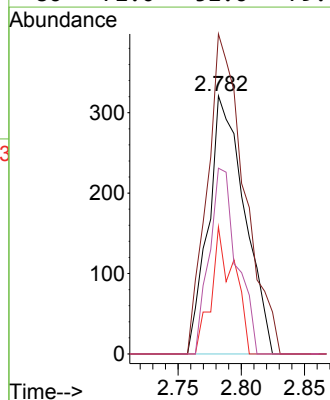
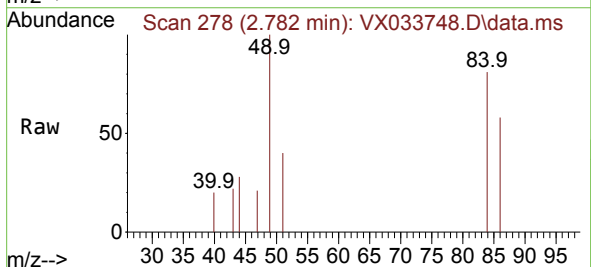
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

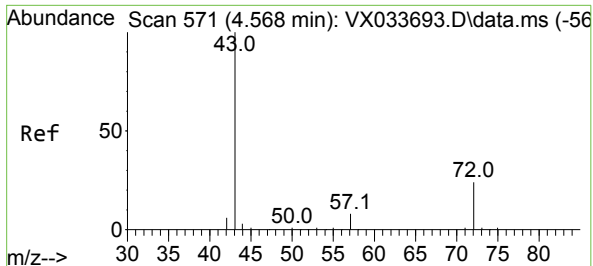
Tgt Ion: 43 Resp: 7383
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 84 Resp: 638
Ion Ratio Lower Upper
84 100
49 124.0 101.1 151.7
51 49.2 31.0 46.6#
86 72.0 52.6 79.0





#25

2-Butanone

Concen: 0.370 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX033748.D

Acq: 16 Jan 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

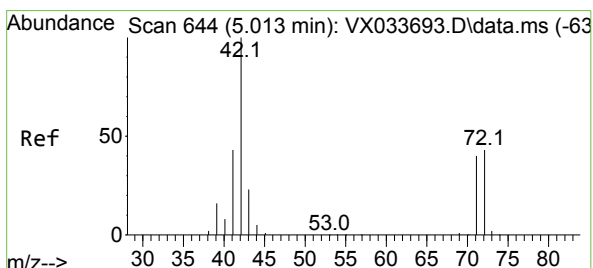
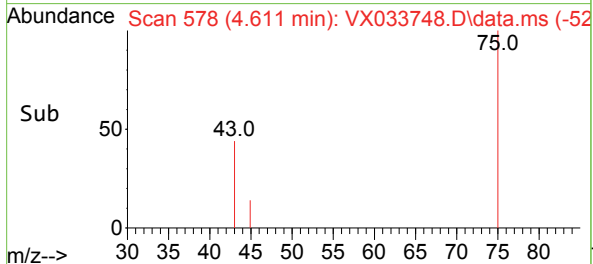
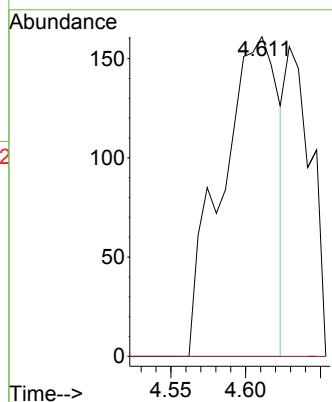
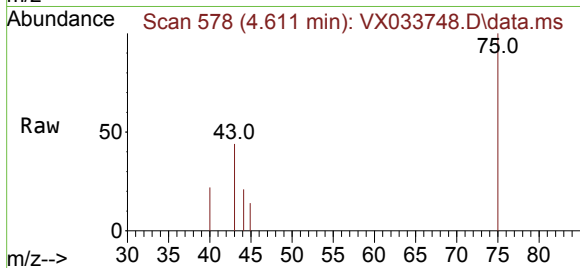
TOT-VOC

Tgt Ion: 43 Resp: 423

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.283 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.036 min

Lab File: VX033748.D

Acq: 16 Jan 2023 14:35

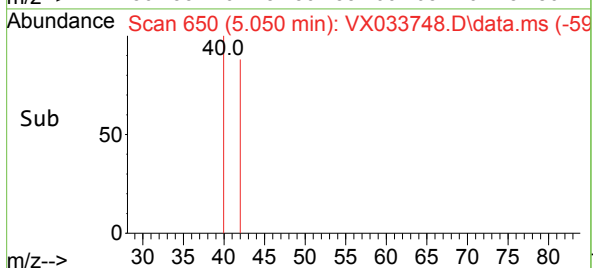
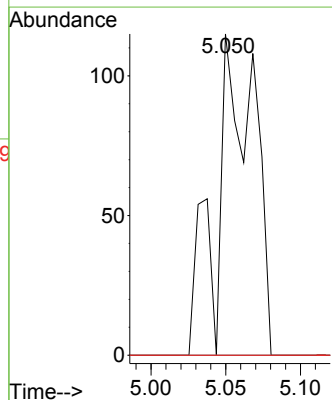
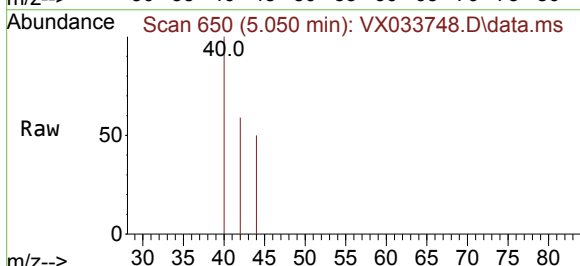
Tgt Ion: 42 Resp: 204

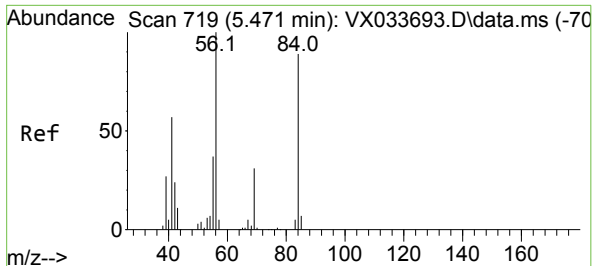
Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#

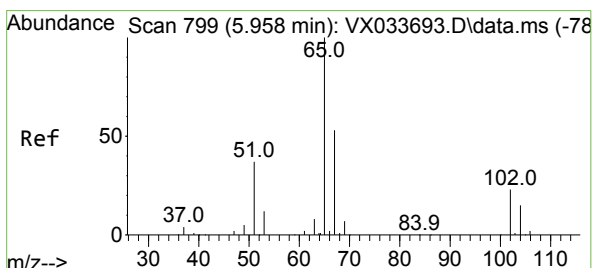
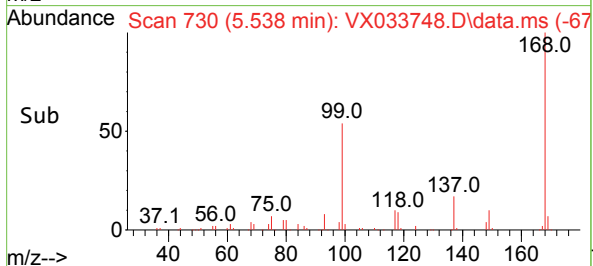
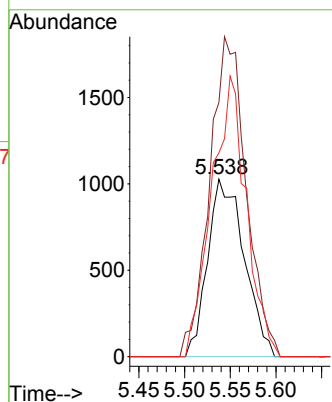
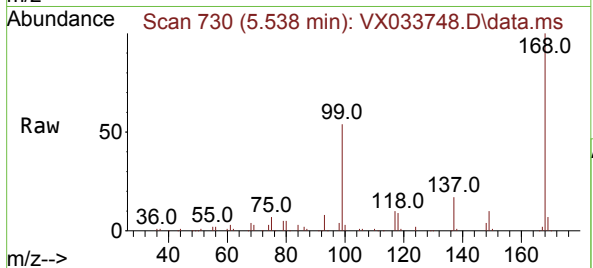




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

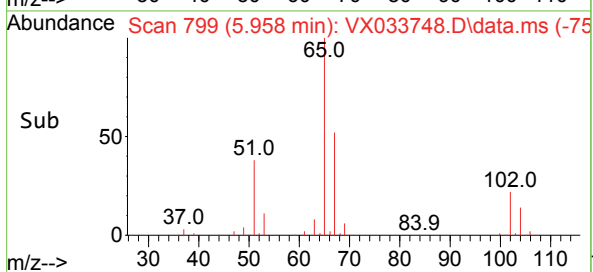
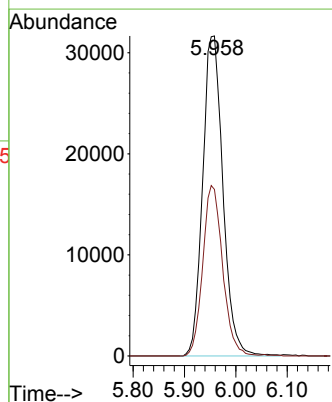
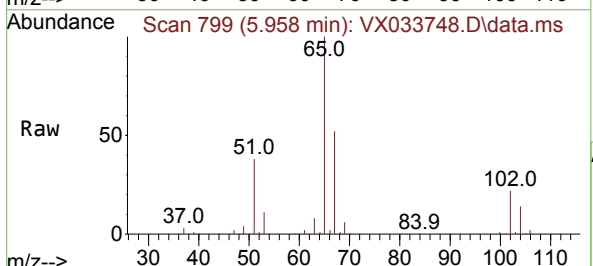
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TOT-VOC

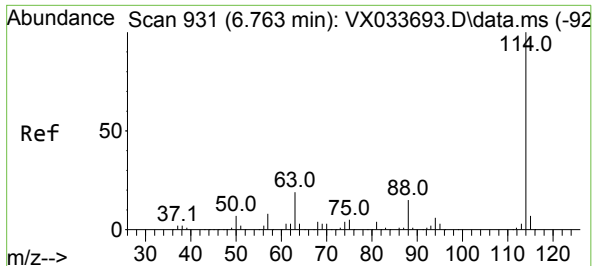
Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 143.2 24.6 37.0#
84 114.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 49.670 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 65 Resp: 86795
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

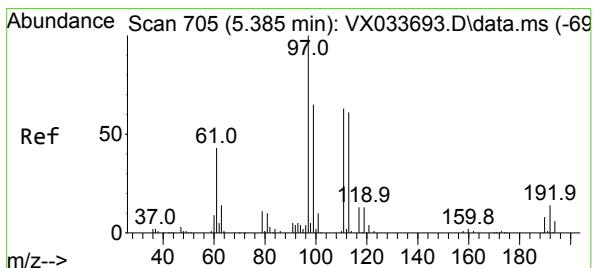
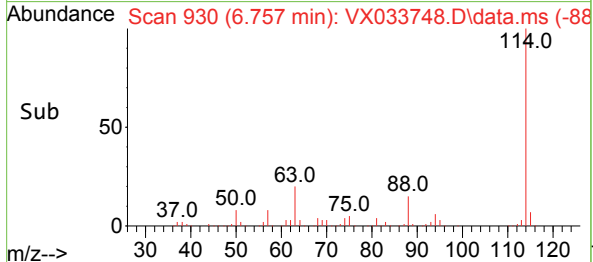
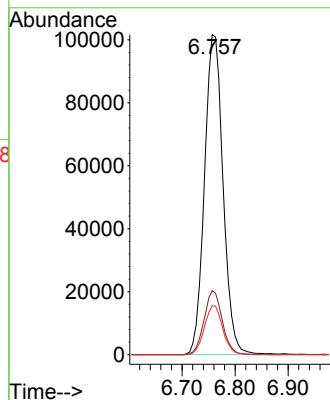
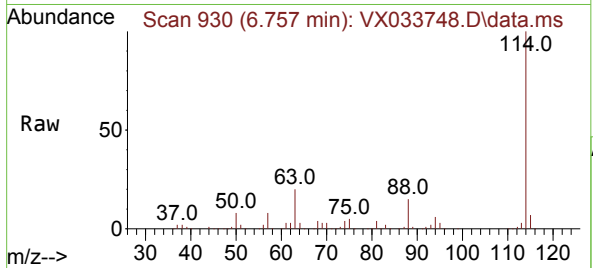




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

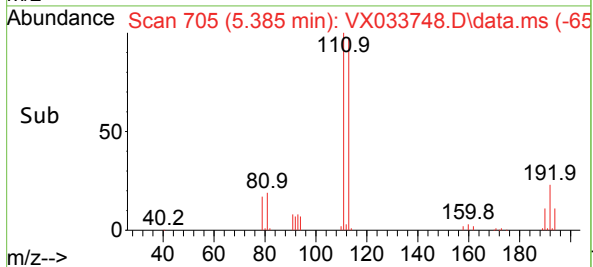
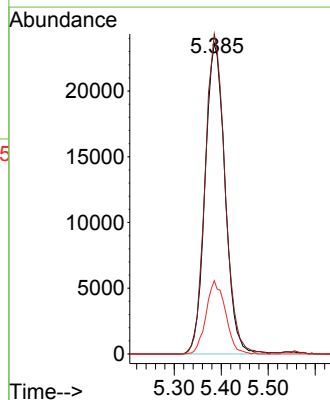
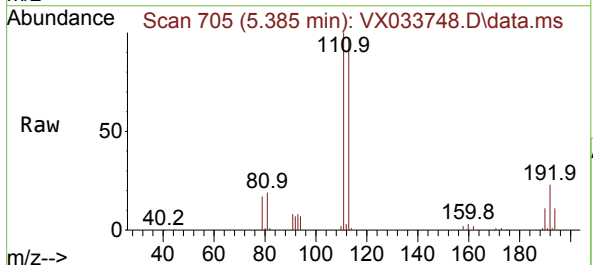
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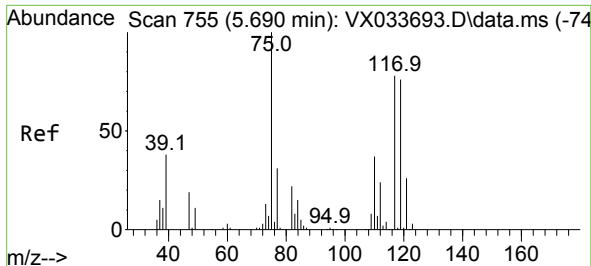
Tgt Ion:114 Resp: 247686
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.375 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion:113 Resp: 69787
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 22.9 19.0 28.4

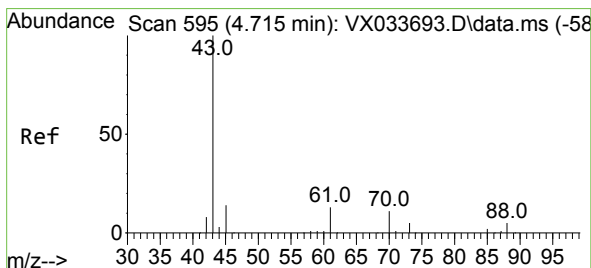
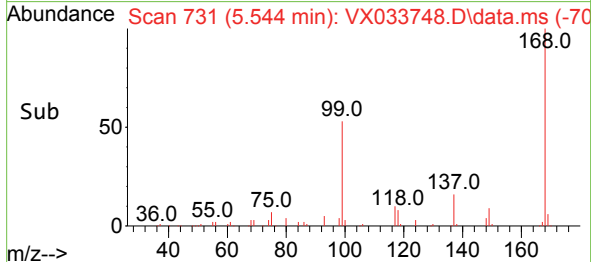
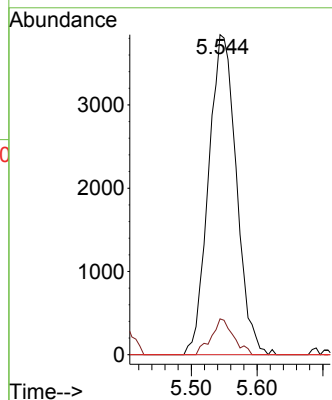
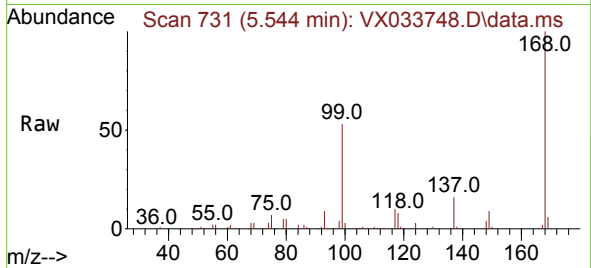




#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

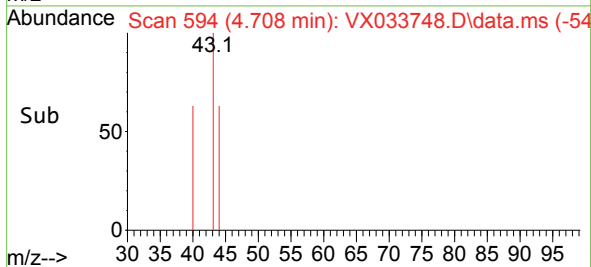
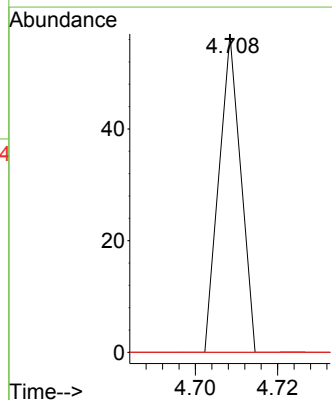
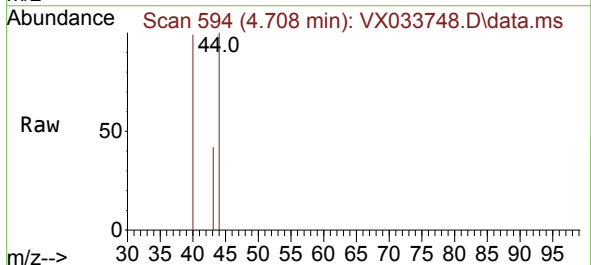
Instrument :
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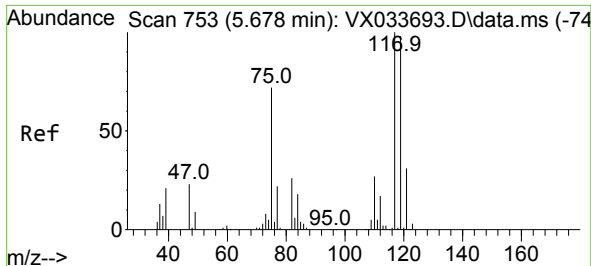
Tgt Ion: 75 Resp: 11312
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

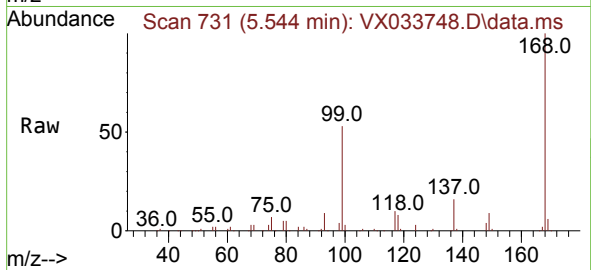
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



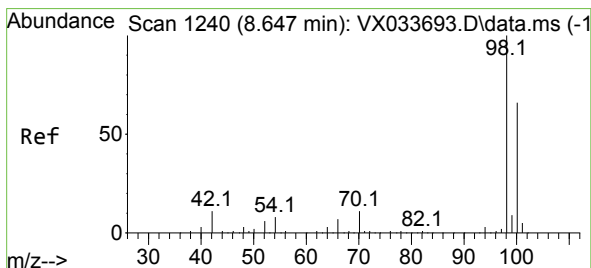
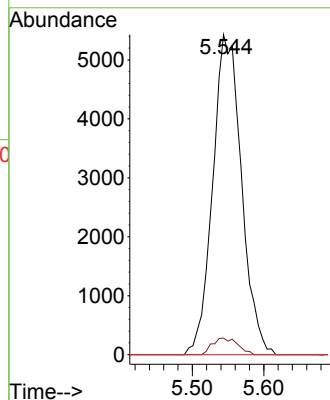
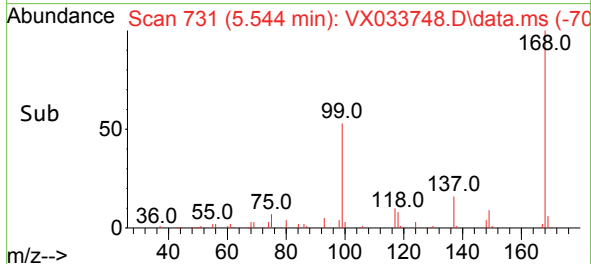


#38
Carbon Tetrachloride
Concen: 6.510 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

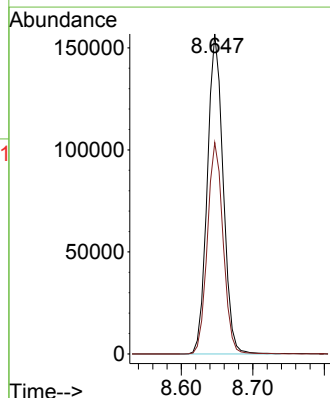
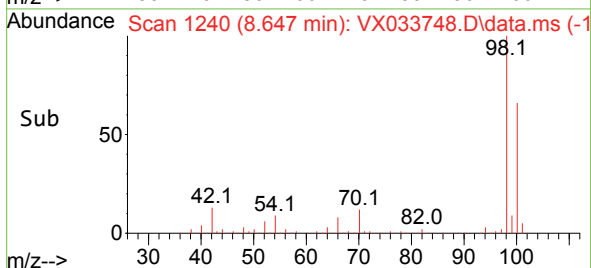
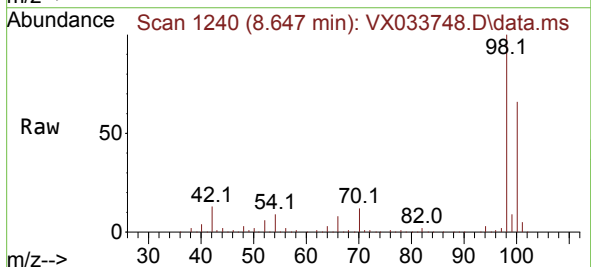


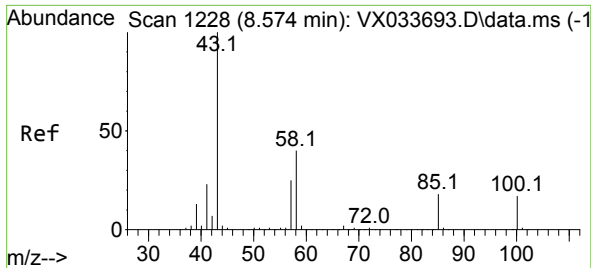
Tgt Ion:117 Resp: 15134
Ion Ratio Lower Upper
117 100
119 5.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 42.956 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 98 Resp: 240712
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

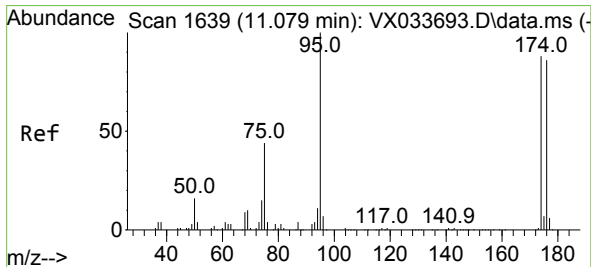
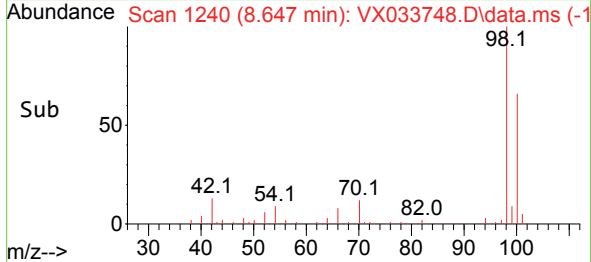
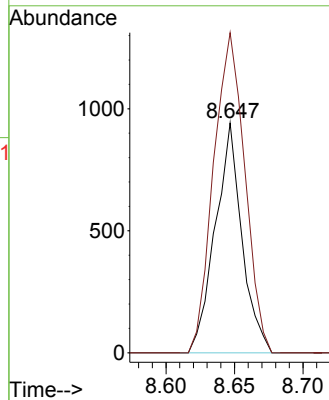
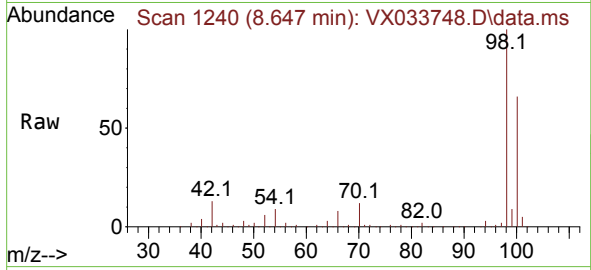




#51
 4-Methyl-2-Pentanone
 Concen: 0.586 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX033748.D
 Acq: 16 Jan 2023 14:35

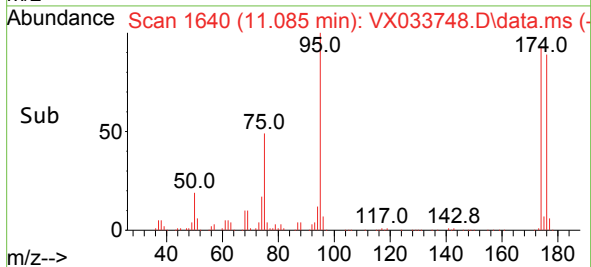
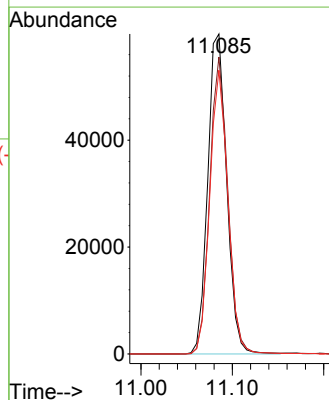
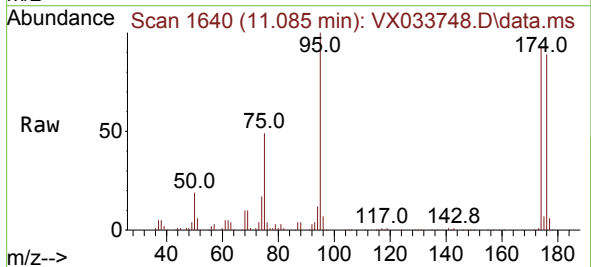
Instrument :
 MSVOA_X
 ClientSampleId :
 TOT-VOC

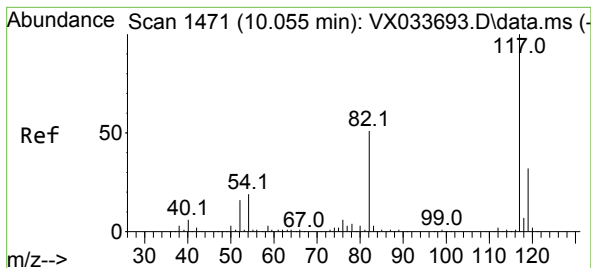
Tgt Ion: 43 Resp: 1275
 Ion Ratio Lower Upper
 43 100
 58 163.1 31.2 46.8#



#62
 4-Bromofluorobenzene
 Concen: 41.280 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: VX033748.D
 Acq: 16 Jan 2023 14:35

Tgt Ion: 95 Resp: 85886
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 184.4
 176 85.7 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: VX033748.D

Acq: 16 Jan 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

TOT-VOC

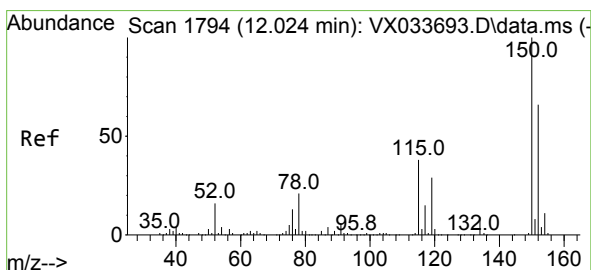
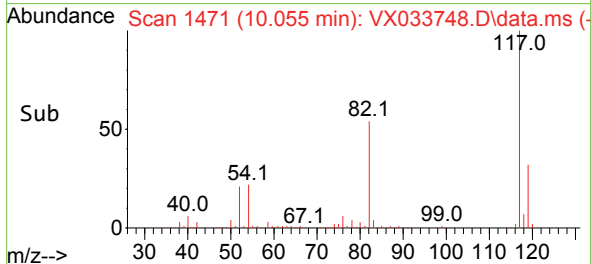
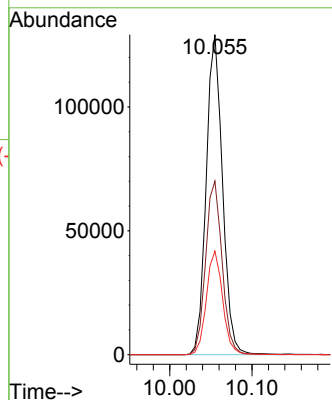
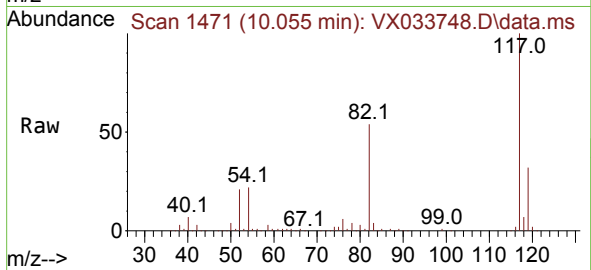
Tgt Ion:117 Resp: 177912

Ion Ratio Lower Upper

117 100

82 54.3 40.6 60.8

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033748.D

Acq: 16 Jan 2023 14:35

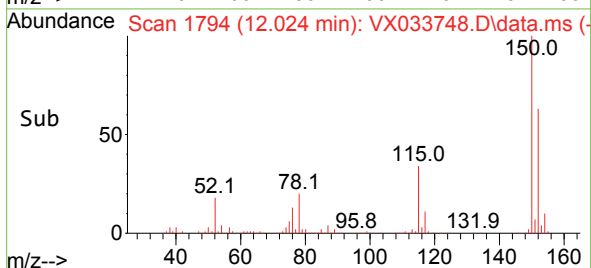
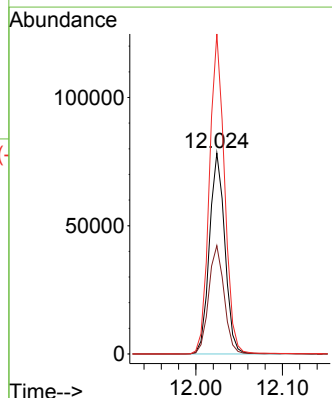
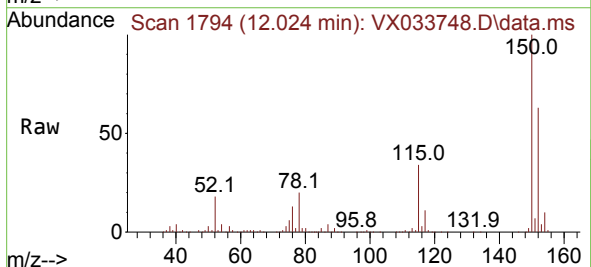
Tgt Ion:152 Resp: 96695

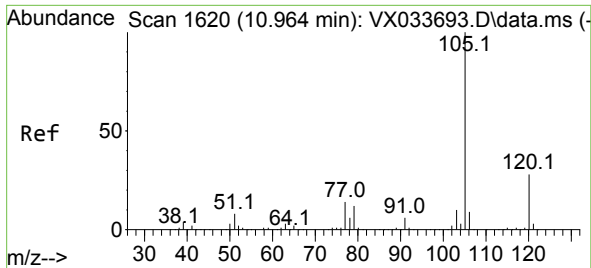
Ion Ratio Lower Upper

152 100

115 54.2 38.7 116.1

150 156.9 0.0 348.2

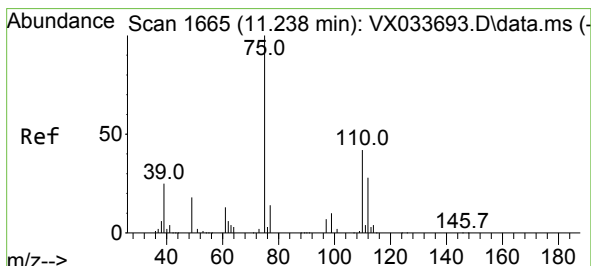
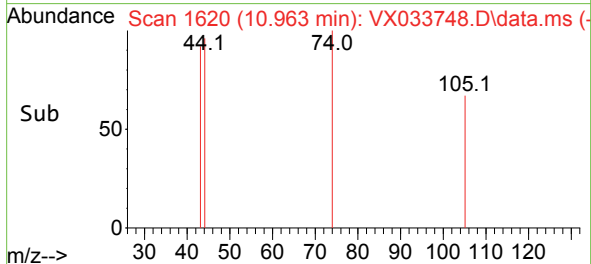
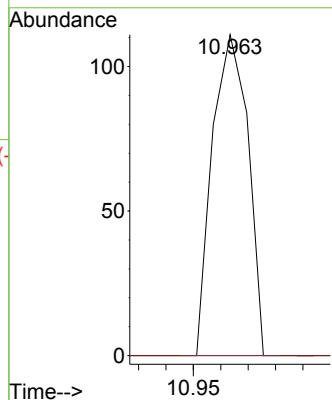
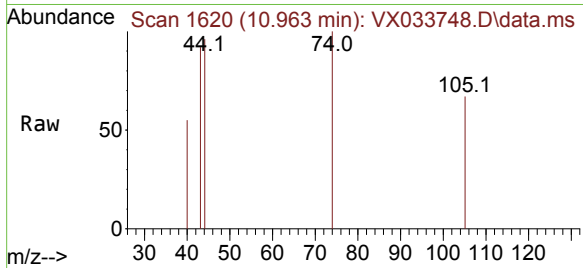




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

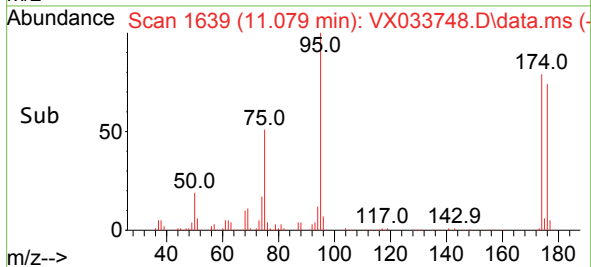
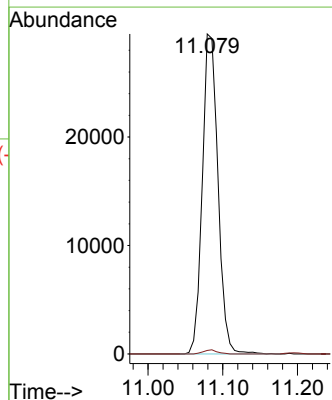
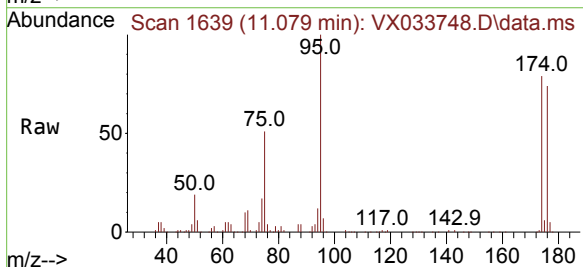
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

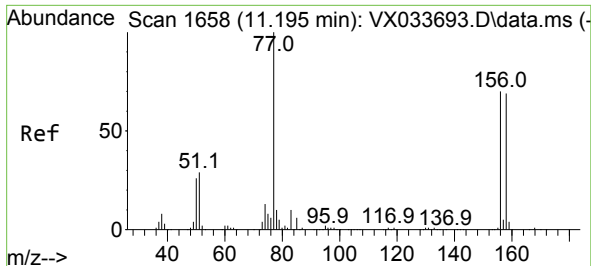
Tgt Ion:105 Resp: 101
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 24.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 75 Resp: 42884
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#

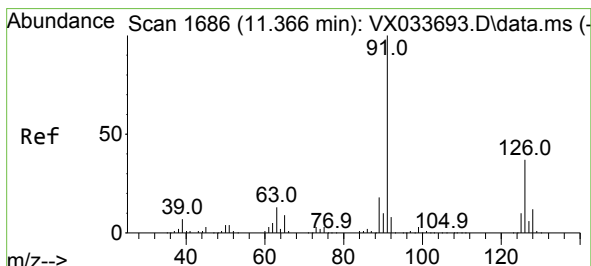
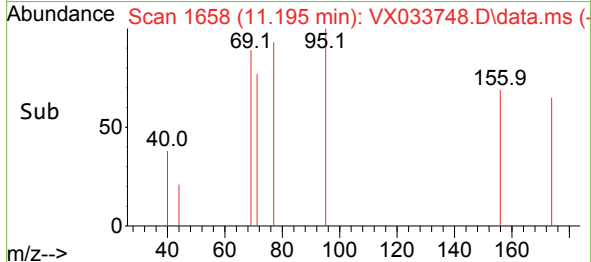
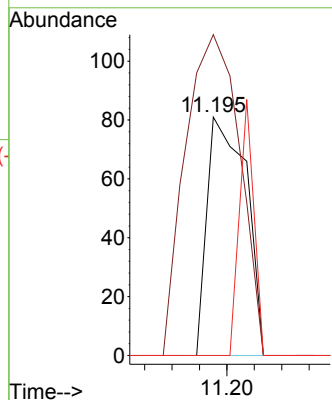
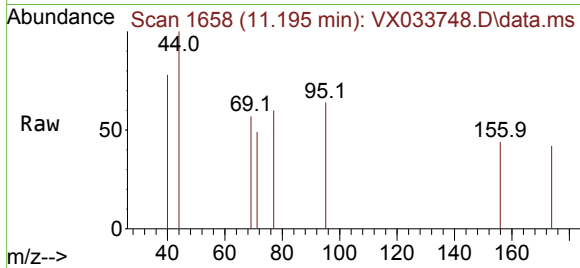




#77
Bromobenzene
Concen: Below Cal
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

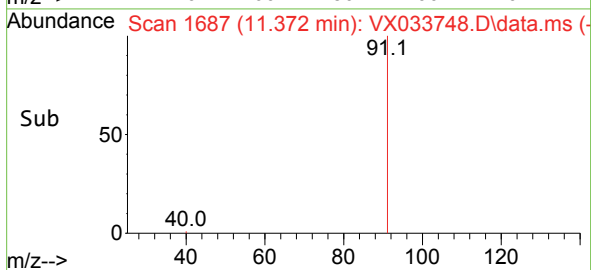
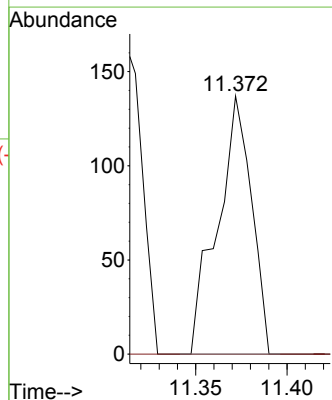
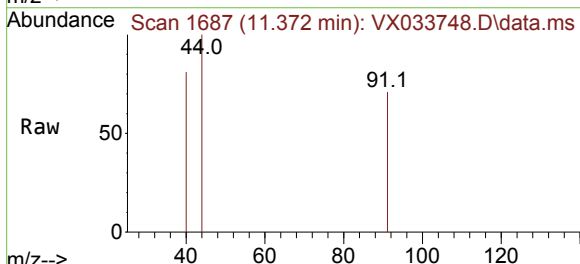
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

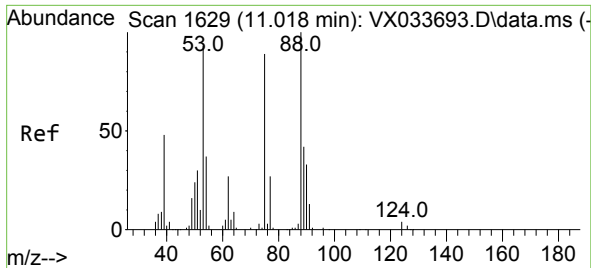
Tgt Ion:156 Resp: 80
Ion Ratio Lower Upper
156 100
77 187.5 68.1 204.3
158 40.0 48.0 144.2#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 91 Resp: 178
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

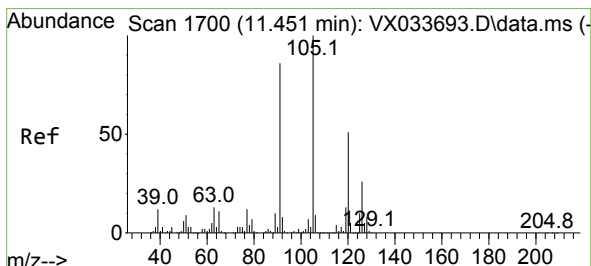
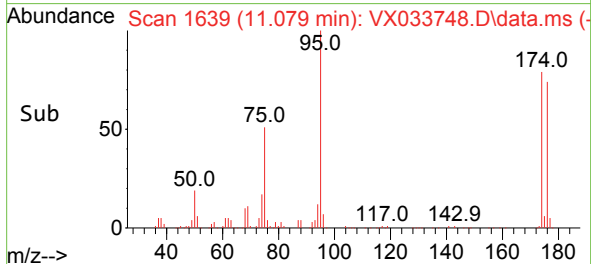
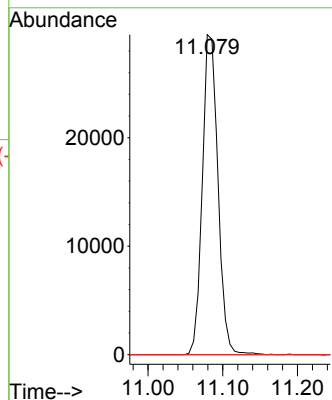
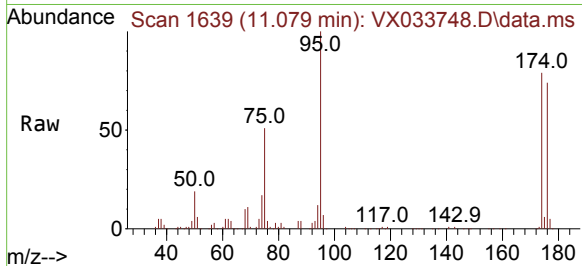




#81
trans-1,4-Dichloro-2-butene
Concen: 75.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

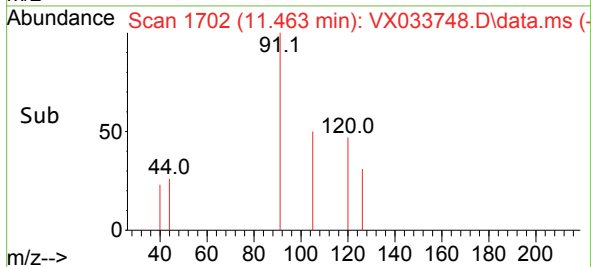
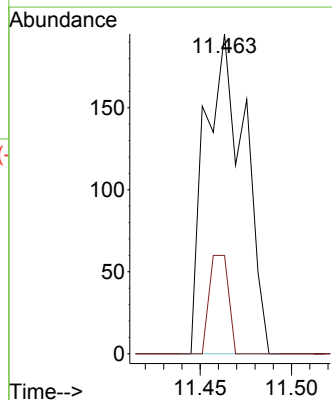
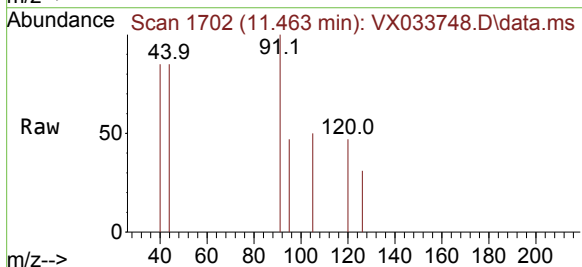
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

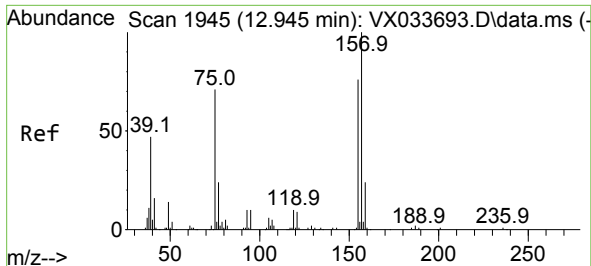
Tgt Ion: 75 Resp: 42884
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 91 Resp: 293
Ion Ratio Lower Upper
91 100
126 15.0 15.8 47.4#

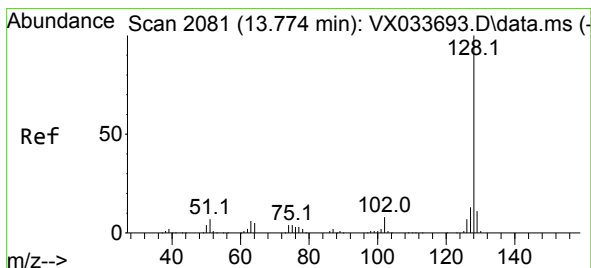
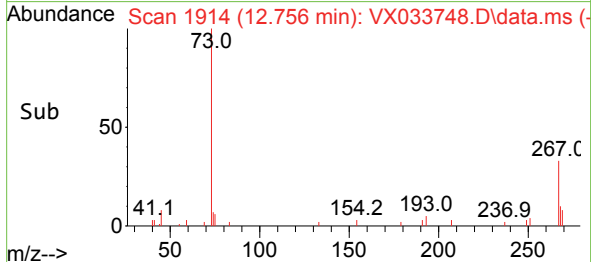
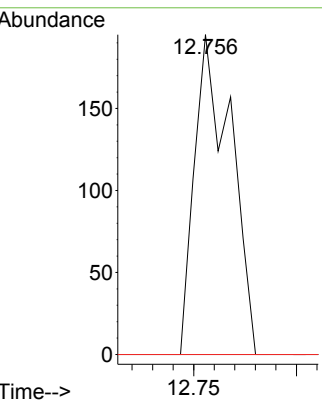
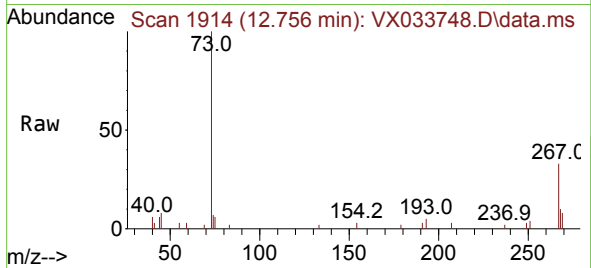




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.606 ug/l
RT: 12.756 min Scan# 1914
Delta R.T. -0.189 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC

Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
155 0.0 51.7 155.1#
157 0.0 67.5 202.3#



#95
Naphthalene
Concen: 0.284 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033748.D
Acq: 16 Jan 2023 14:35

Tgt Ion: 128 Resp: 1737
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 10.8 8.7 13.1

