

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012384.D
 Acq On : 27 Jan 2023 15:29
 Operator : KP/MD
 Sample : 01328-05
 Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1-BORING-1-0-7-GRAB-2

Quant Time: Jan 30 02:42:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

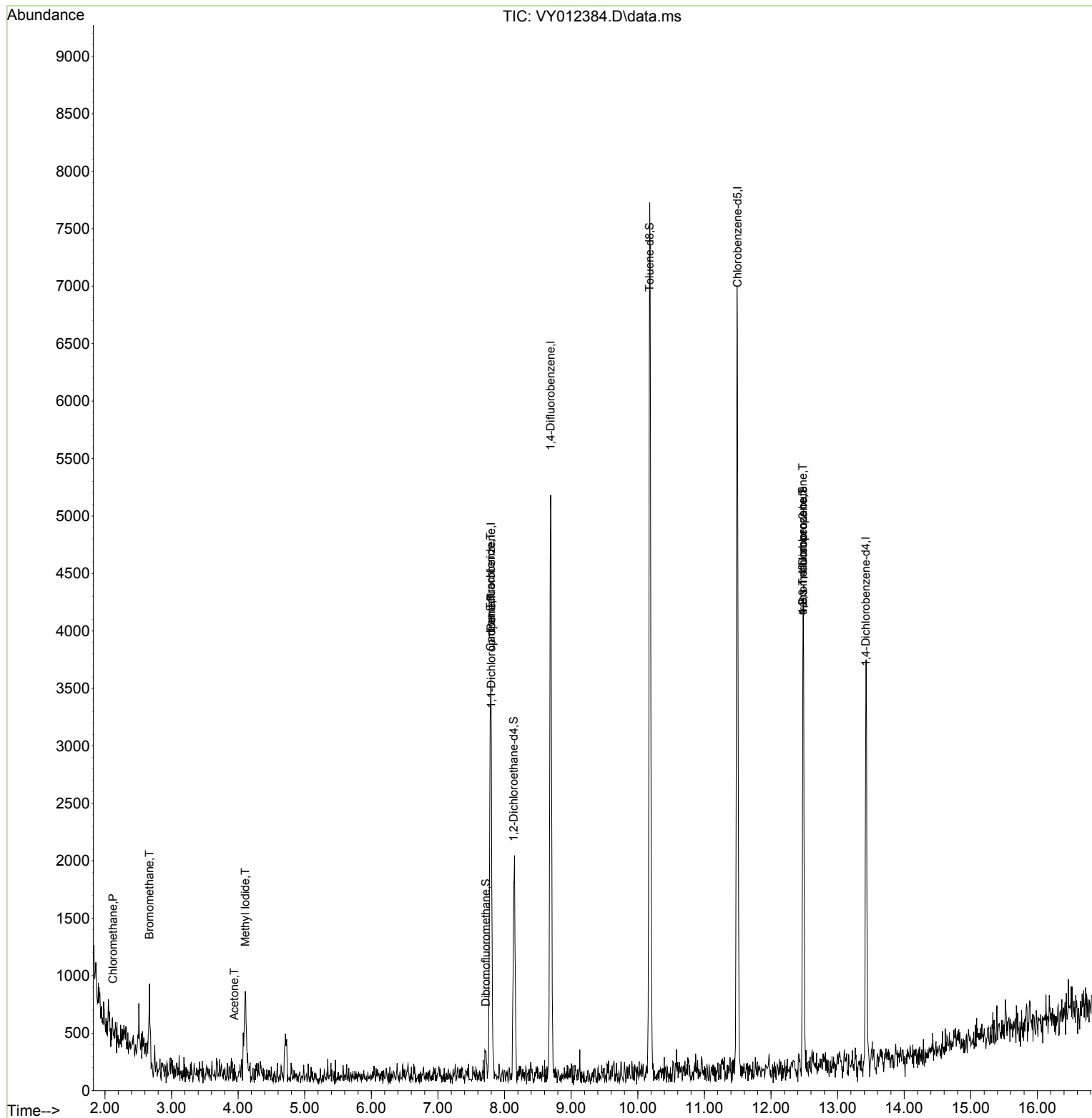
Internal Standards						
1) Pentafluorobenzene	7.795	168	3343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1810	66.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.260%	
35) Dibromofluoromethane	7.716	113	190	6.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 13.840%#	
50) Toluene-d8	10.179	98	5888	63.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.140%	
62) 4-Bromofluorobenzene	12.477	95	1490	38.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	152	5.636	ug/l #	41
5) Bromomethane	2.668	94	418	17.175	ug/l #	52
10) Methyl Iodide	4.107	142	1181	25.989	ug/l #	87
16) Acetone	3.942	43	18	1.934	ug/l #	40
36) 1,1-Dichloropropene	7.801	75	61	1.308	ug/l #	41
38) Carbon Tetrachloride	7.789	117	299	4.965	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	765	68.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	765	141.901	ug/l #	13

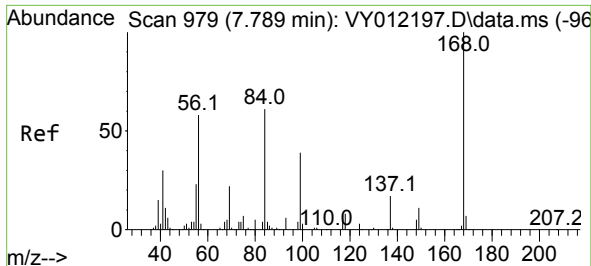
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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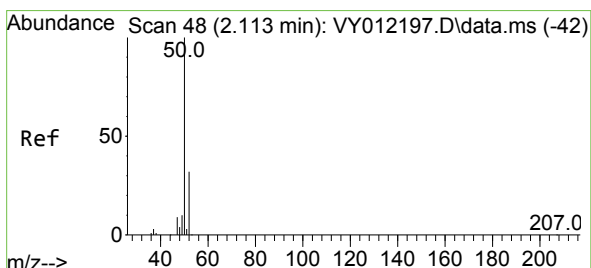
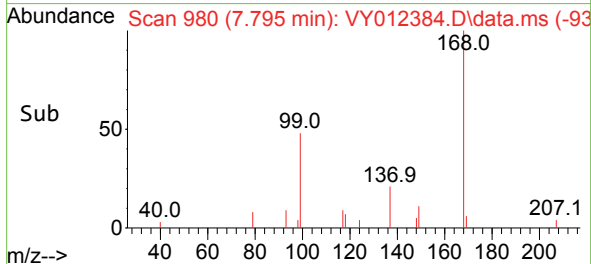
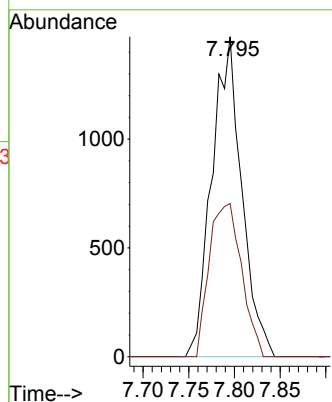
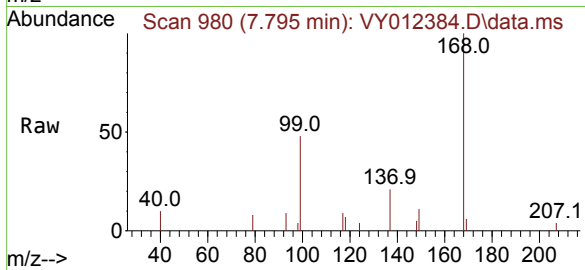




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

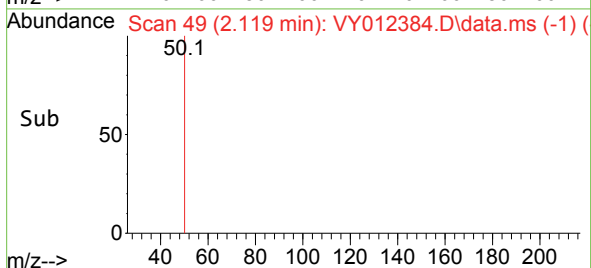
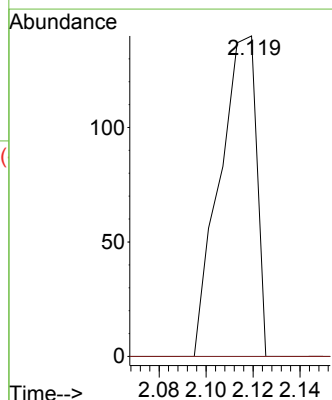
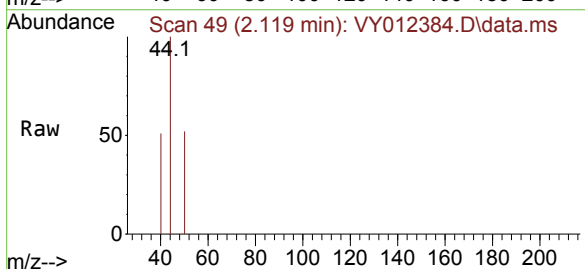
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-BORING-1-0-7-GRAB-2

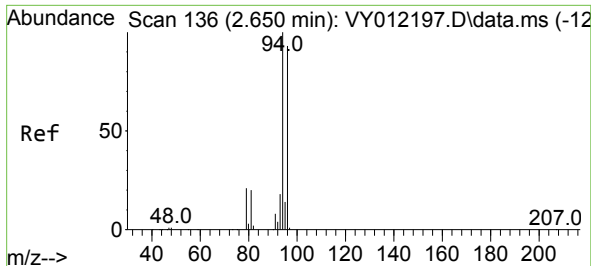
Tgt Ion:168 Resp: 3343
Ion Ratio Lower Upper
168 100
99 47.9 44.0 66.0



#3
Chloromethane
Concen: 5.636 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 50 Resp: 152
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

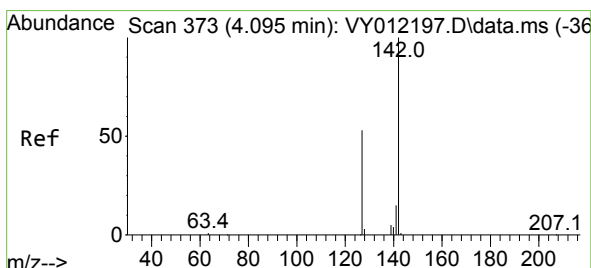
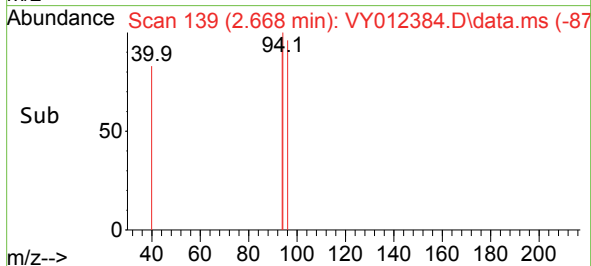
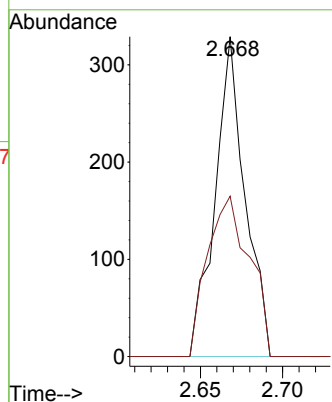
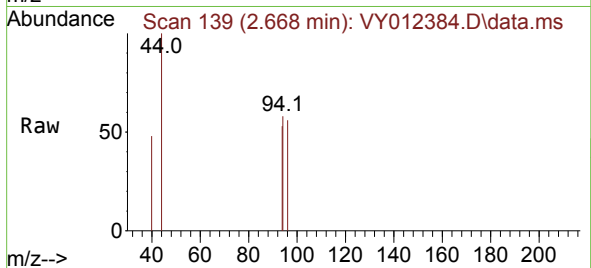




#5
Bromomethane
Concen: 17.175 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

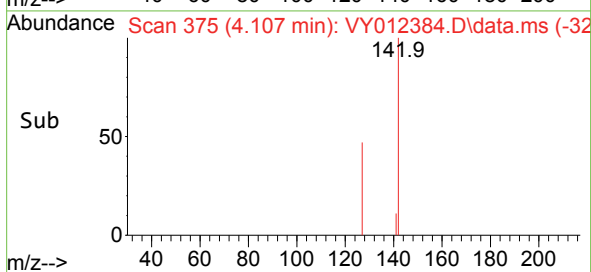
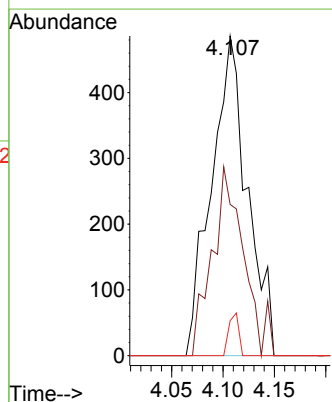
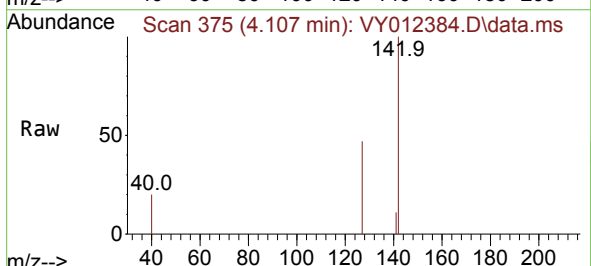
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ClientSampleId :
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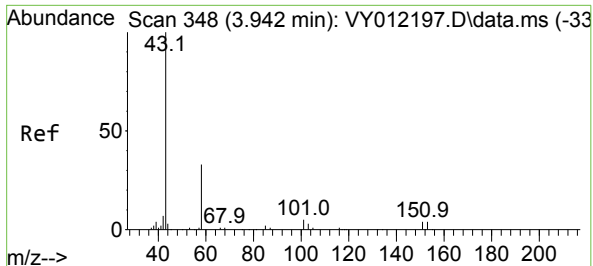
Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 50.2 77.4 116.2#



#10
Methyl Iodide
Concen: 25.989 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion:142 Resp: 1181
Ion Ratio Lower Upper
142 100
127 51.9 37.0 55.4
141 3.6 11.4 17.0#

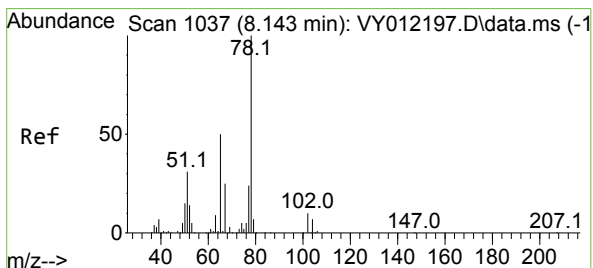
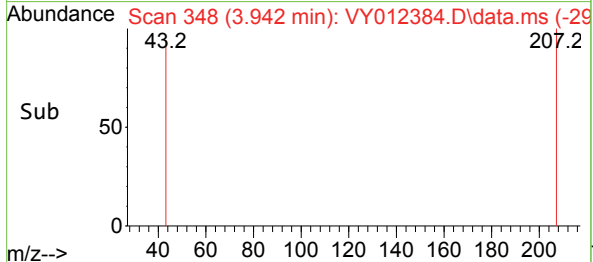
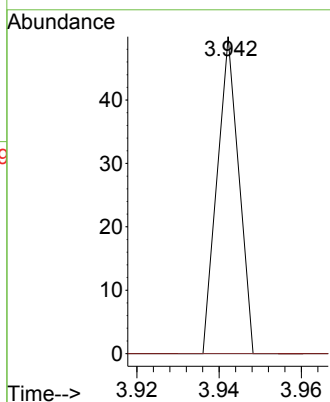
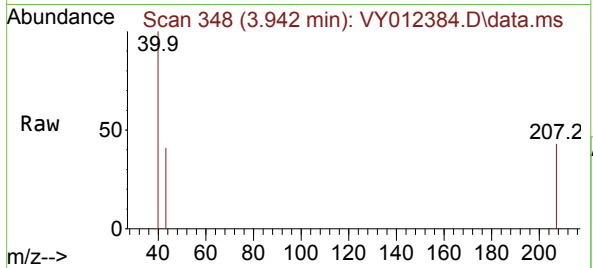




#16
Acetone
Concen: 1.934 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

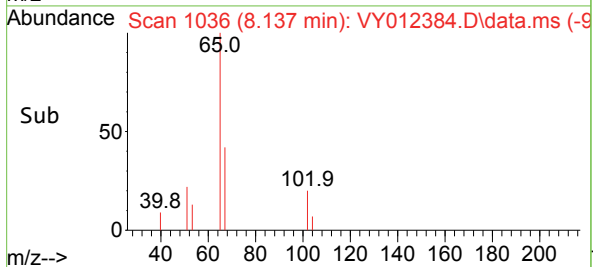
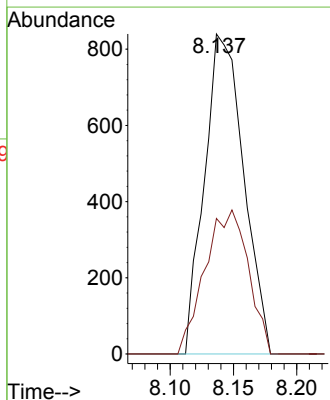
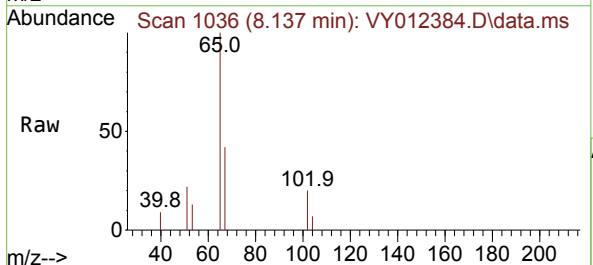
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-BORING-1-0-7-GRAB-2

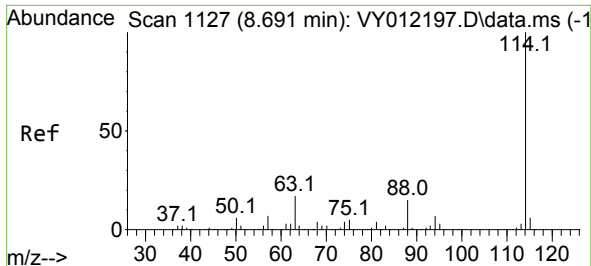
Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#33
1,2-Dichloroethane-d4
Concen: 66.628 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 65 Resp: 1810
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2

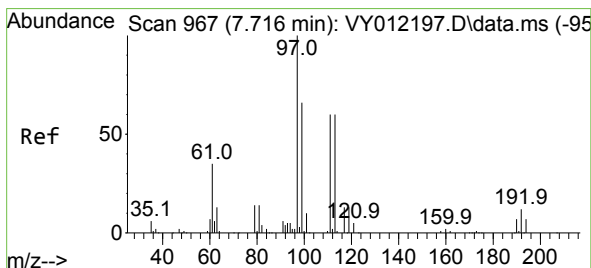
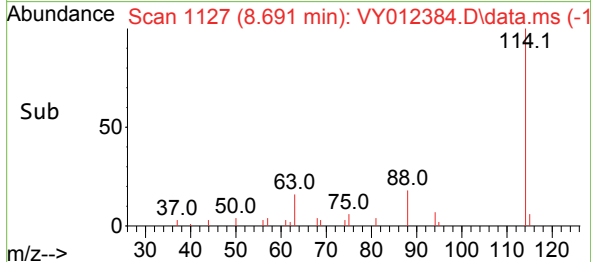
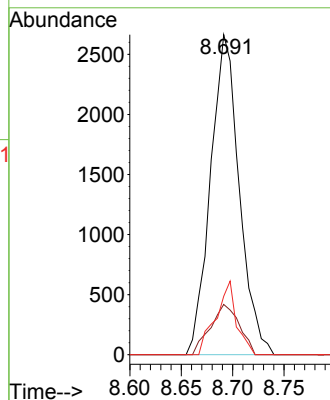
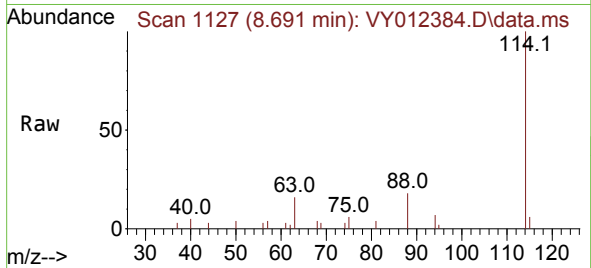




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

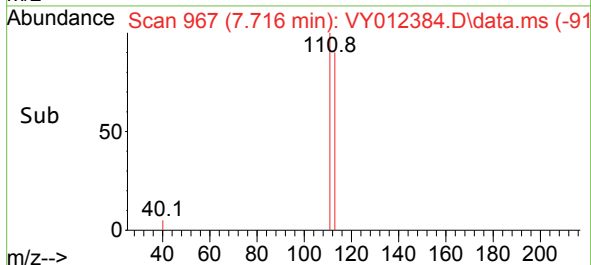
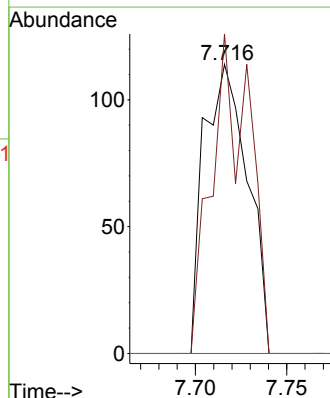
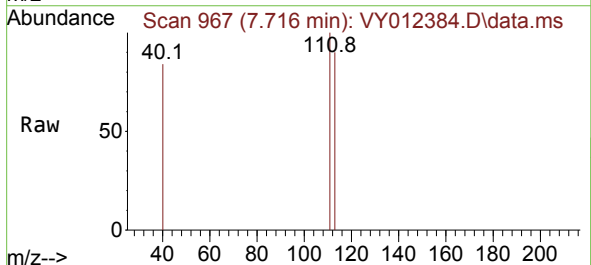
Instrument :
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ClientSampleId :
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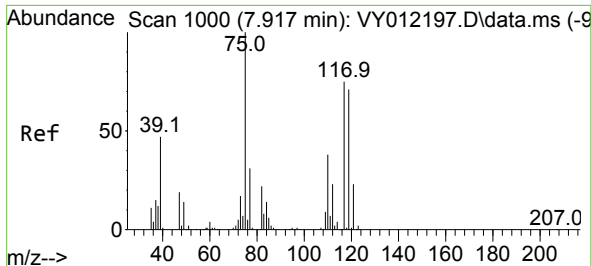
Tgt Ion:	114	Resp:	5182
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	39.6
88	18.2	0.0	32.2



#35
Dibromofluoromethane
Concen: 6.925 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion:	113	Resp:	190
Ion	Ratio	Lower	Upper
113	100		
111	95.8	83.0	124.4
192	0.0	16.0	24.0

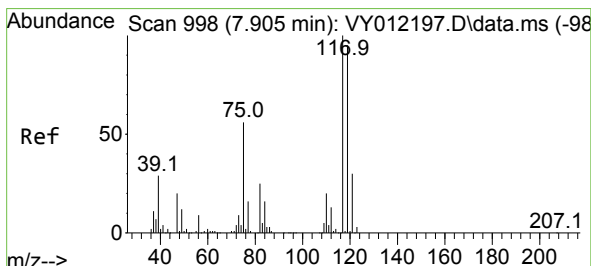
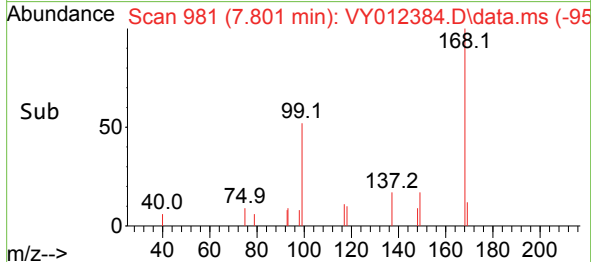
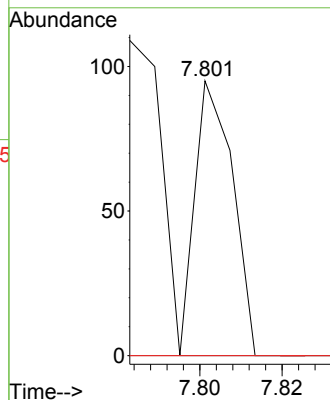
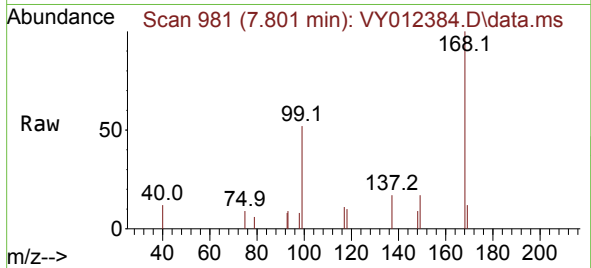




#36
1,1-Dichloropropene
Concen: 1.308 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

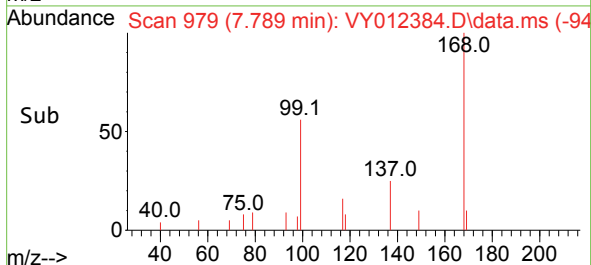
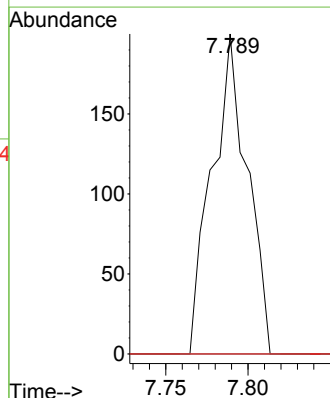
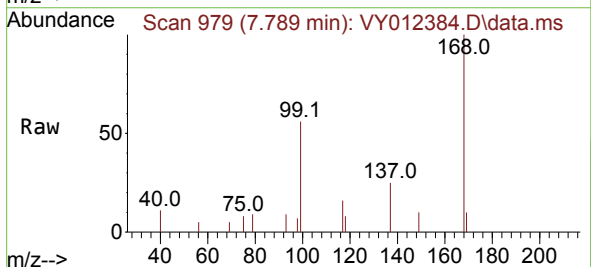
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TOTAL-VOC-1-BORING-1-0-7-GRAB-2

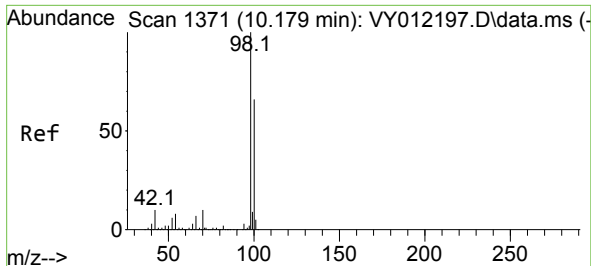
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.965 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 117 Resp: 299
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#

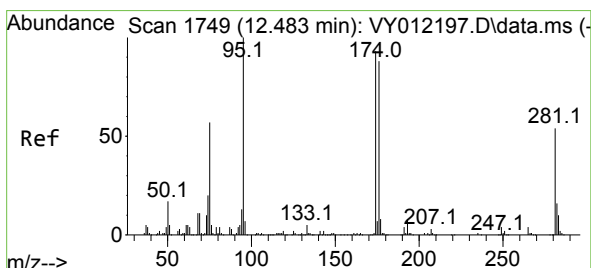
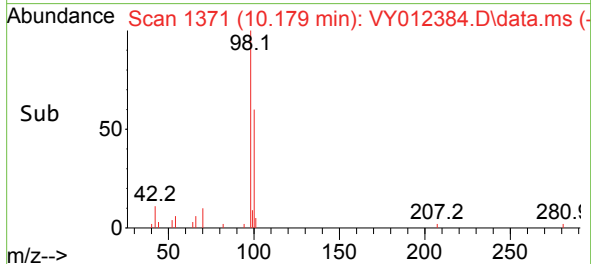
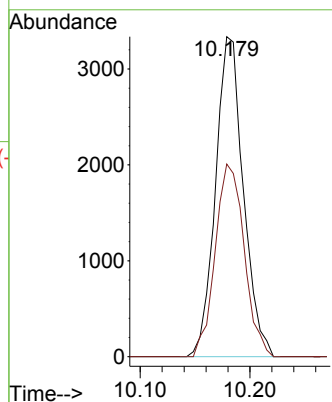
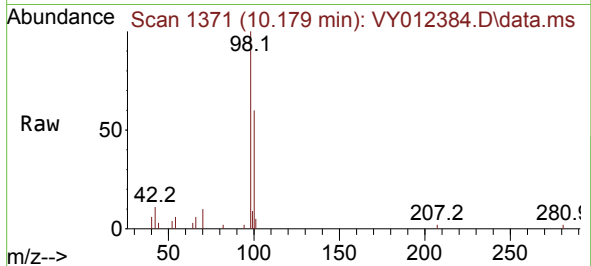




#50
Toluene-d8
Concen: 63.065 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

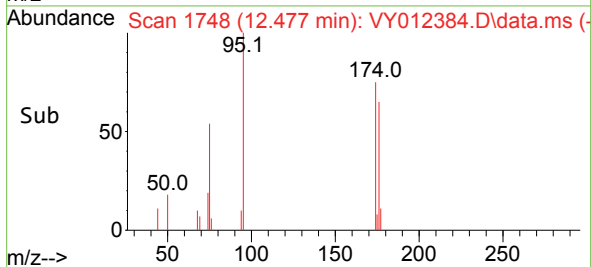
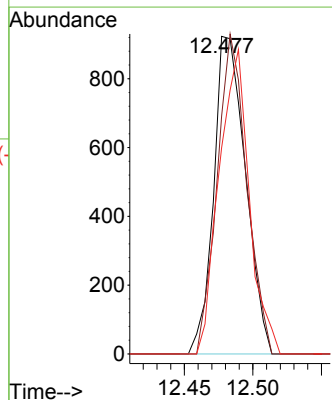
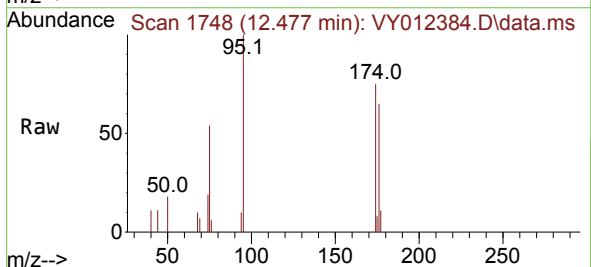
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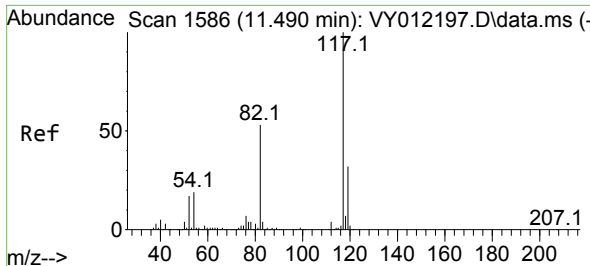
Tgt Ion: 98 Resp: 5888
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 38.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 95 Resp: 1490
Ion Ratio Lower Upper
95 100
174 93.4 0.0 172.0
176 91.1 0.0 167.6

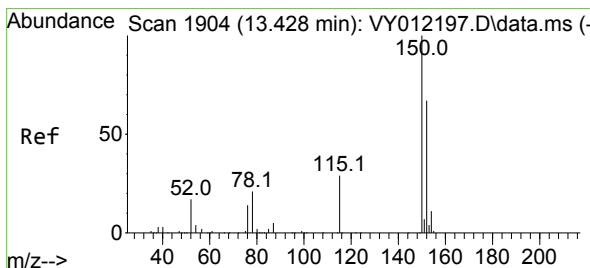
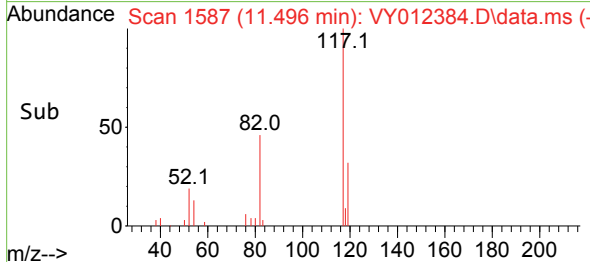
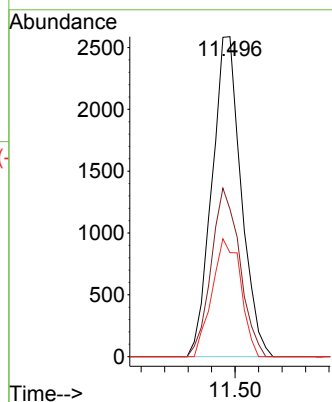
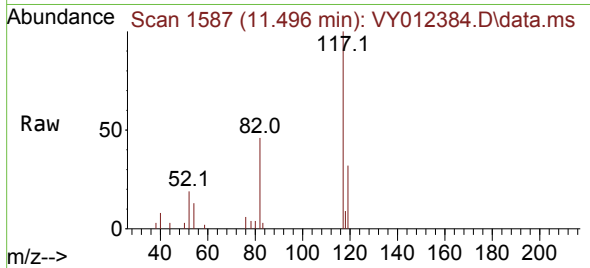




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

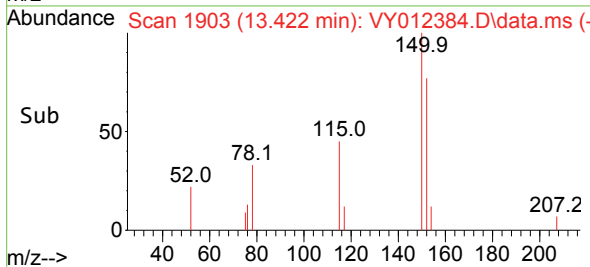
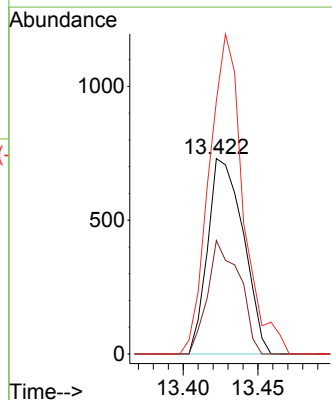
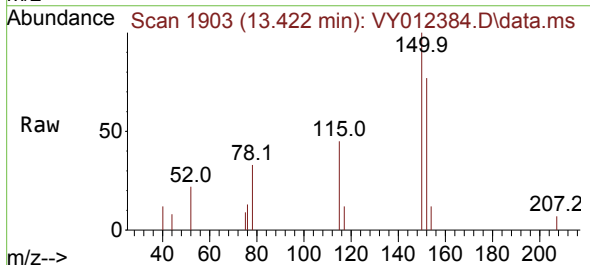
Instrument :
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ClientSampleId :
TOTAL-VOC-1-BORING-1-0-7-GRAB-2

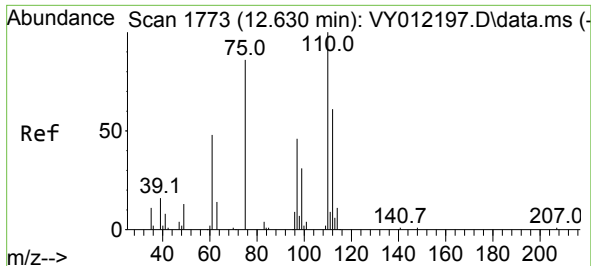
Tgt Ion:117	Resp:	4462
Ion Ratio	Lower	Upper
117	100	
82	46.1	44.8 67.2
119	32.5	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion:152	Resp:	1208
Ion Ratio	Lower	Upper
152	100	
115	52.2	29.1 87.3
150	156.9	0.0 342.6

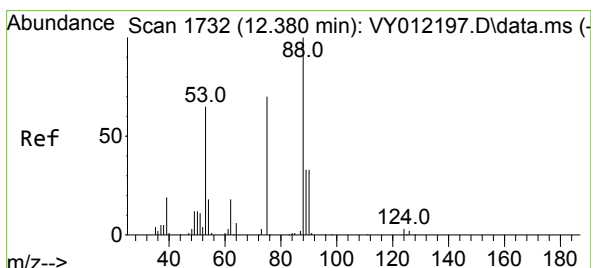
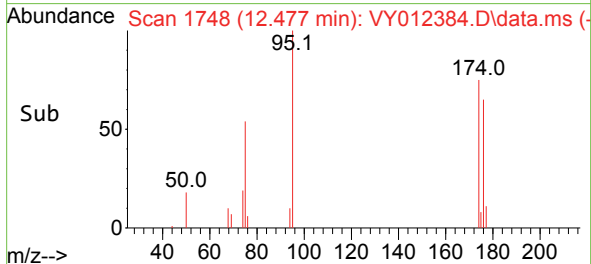
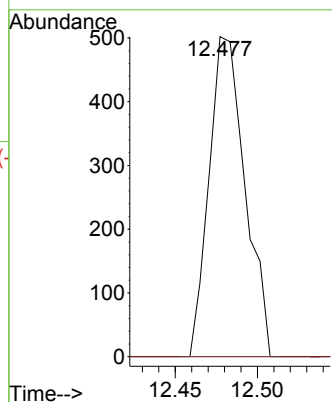
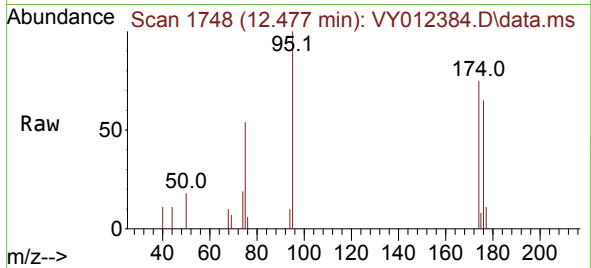




#76
1,2,3-Trichloropropane
Concen: 68.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-BORING-1-0-7-GRAB-2

Tgt Ion: 75 Resp: 765
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 141.901 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 75 Resp: 765
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

