

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017916.D
 Acq On : 11 Apr 2024 17:12
 Operator : SY/MD
 Sample : P2088-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-041124

Quant Time: Apr 12 05:03:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

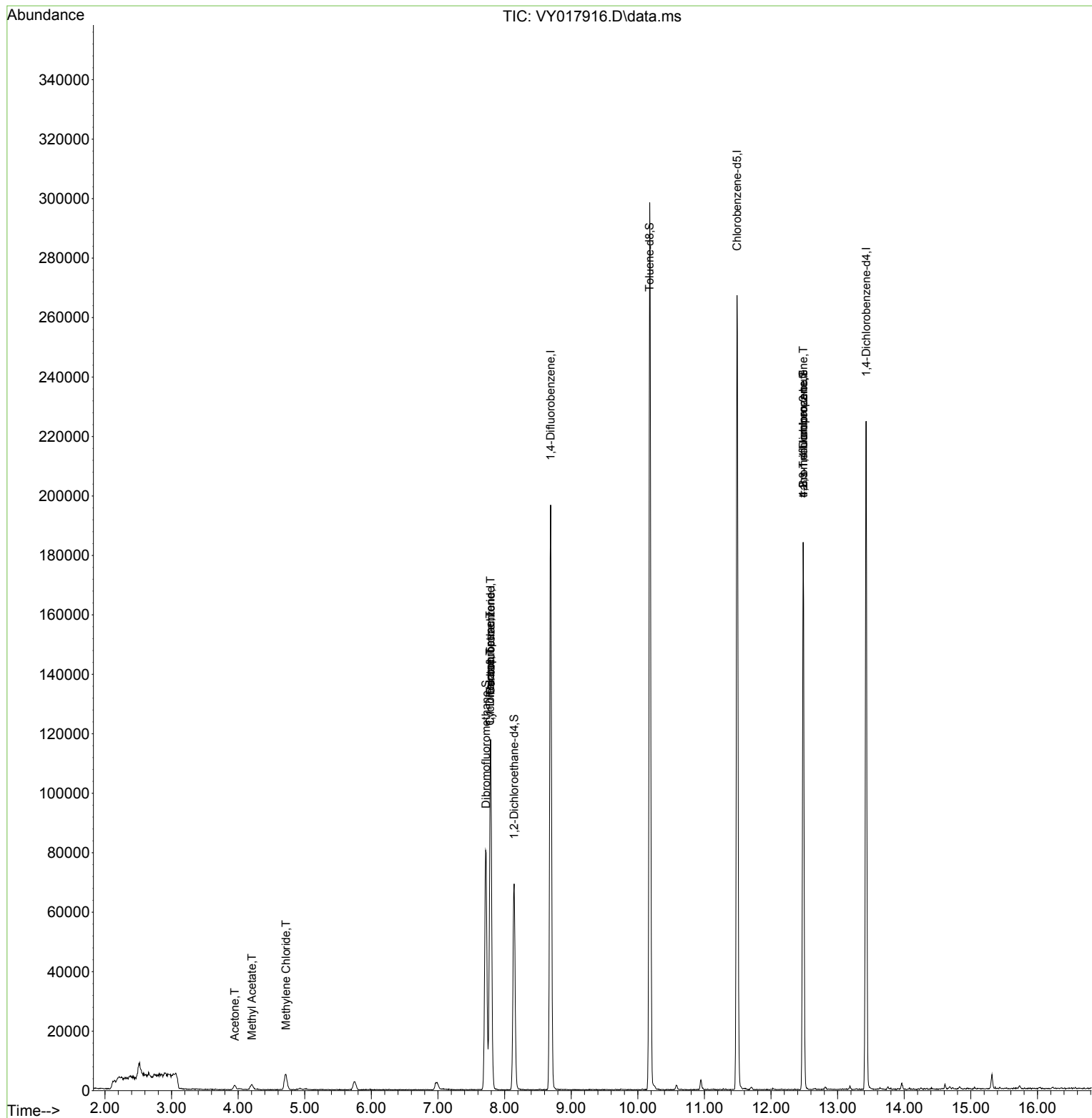
Internal Standards						
1) Pentafluorobenzene	7.789	168	94506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54120	66.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.360%			
35) Dibromofluoromethane	7.722	113	56832	57.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.820%			
50) Toluene-d8	10.179	98	199680	54.466	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.483	95	51155	45.861	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.720%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	384	Below Cal	#	88
16) Acetone	3.948	43	2729	16.144	ug/l	91
18) Methyl Acetate	4.204	43	682	1.821	ug/l #	46
20) Methylene Chloride	4.716	84	4273	1.552	ug/l	87
31) Cyclohexane	7.783	56	2141	1.486	ug/l #	66
36) 1,1-Dichloropropene	7.783	75	7279	5.083	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9004	6.057	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	90	Below Cal	#	31
59) 2-Hexanone	10.947	43	105	Below Cal	#	19
69) o-Xylene	12.026	106	122	Below Cal		90
76) 1,2,3-Trichloropropane	12.483	75	28525	54.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28525	106.645	ug/l #	16

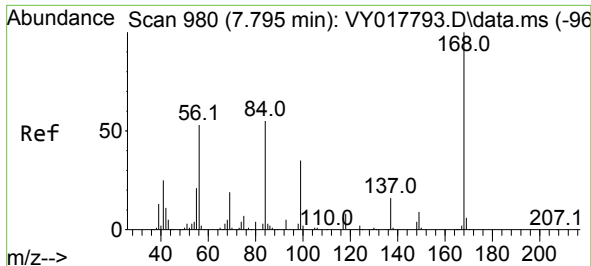
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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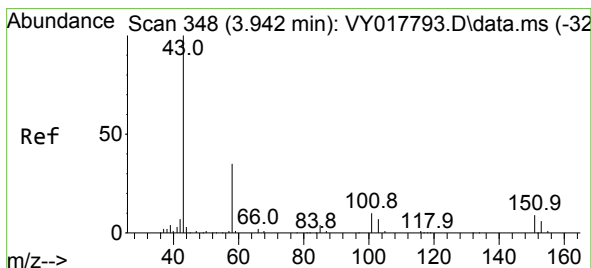
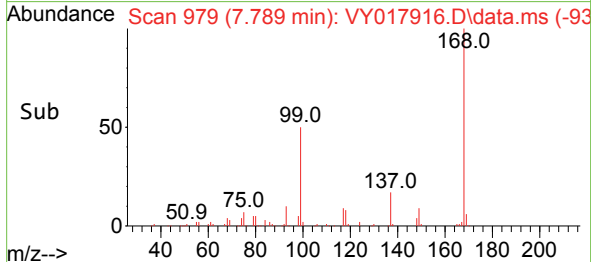
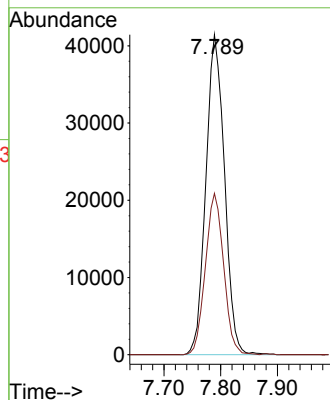
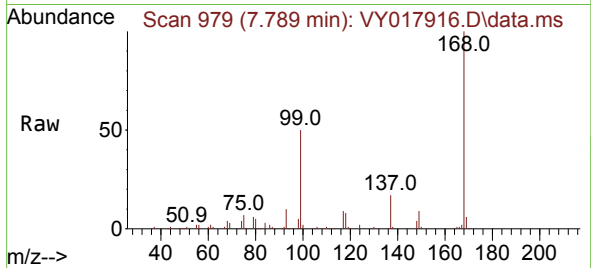




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

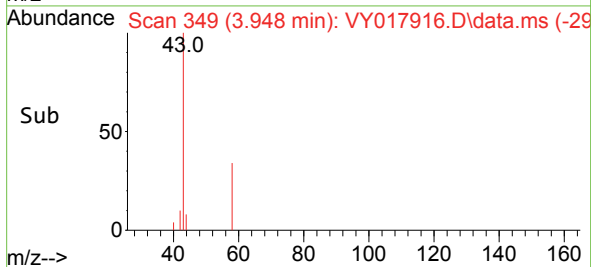
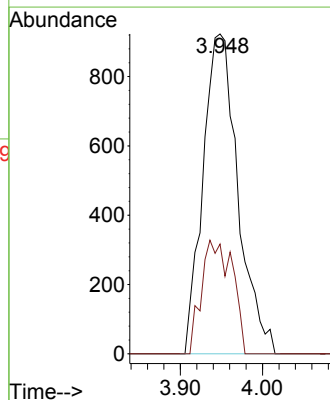
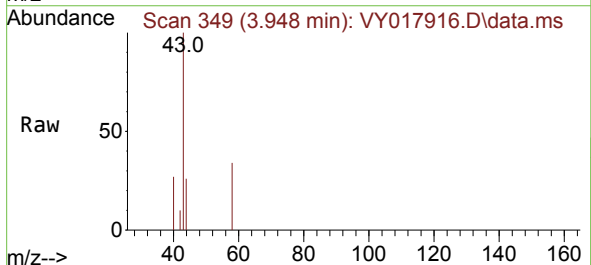
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-041124

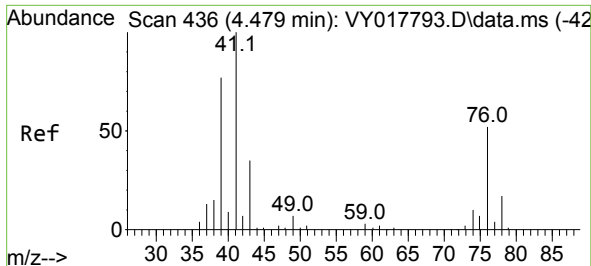
Tgt Ion:168 Resp: 94506
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#16
Acetone
Concen: 16.144 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5

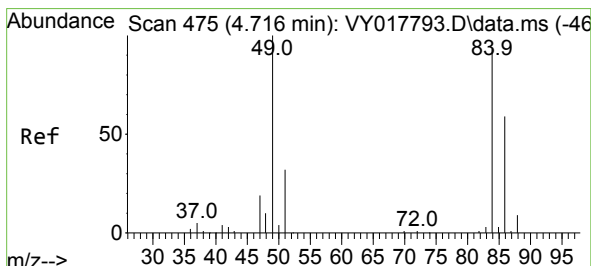
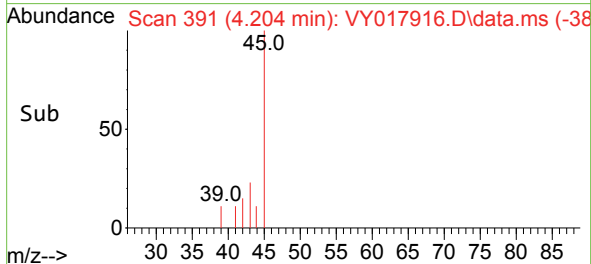
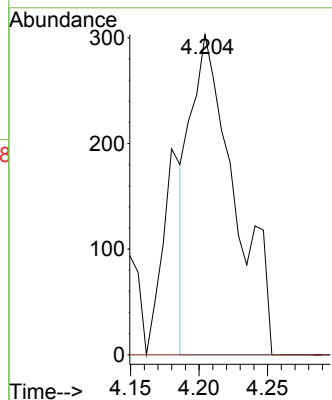
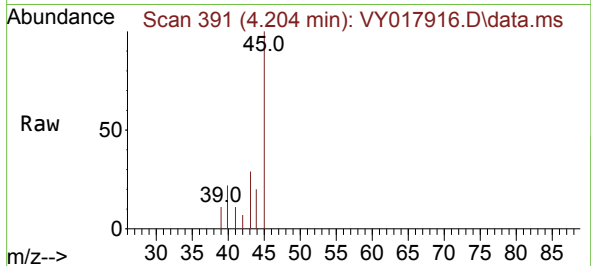




#18
Methyl Acetate
Concen: 1.821 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.274 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

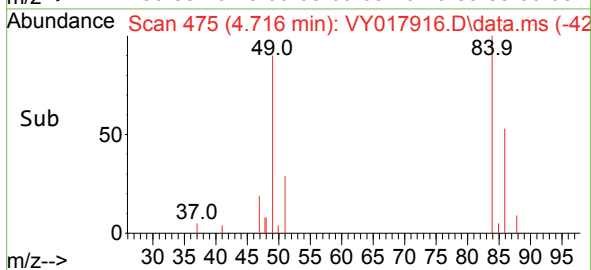
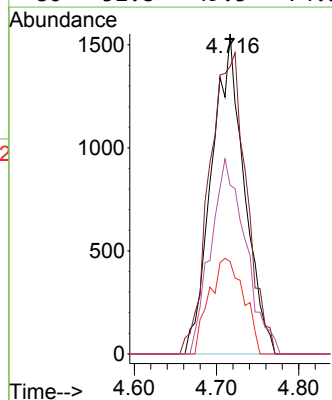
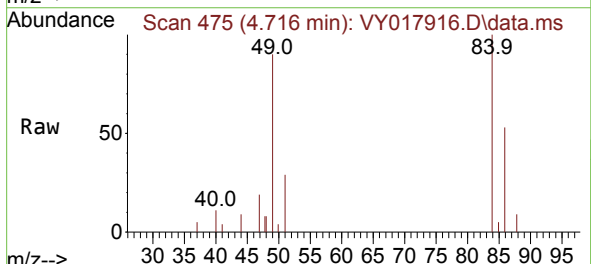
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-041124

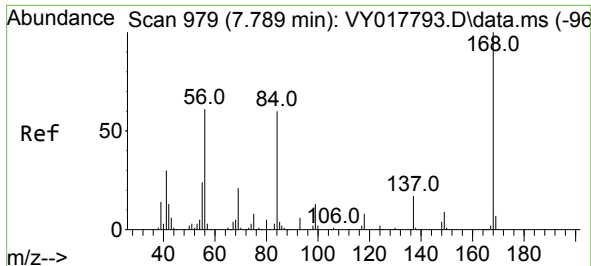
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 1.552 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 84 Resp: 4273
Ion Ratio Lower Upper
84 100
49 89.8 84.4 126.6
51 28.8 26.0 39.0
86 52.8 49.5 74.3

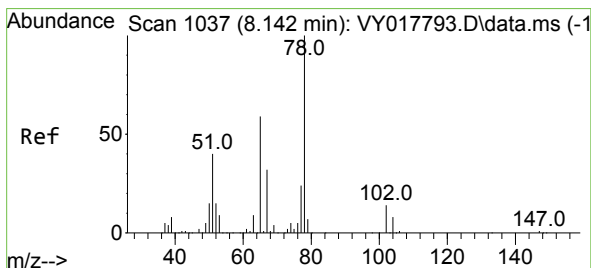
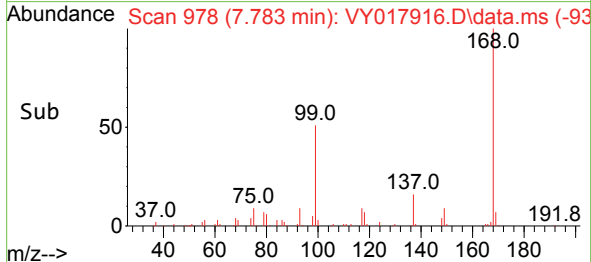
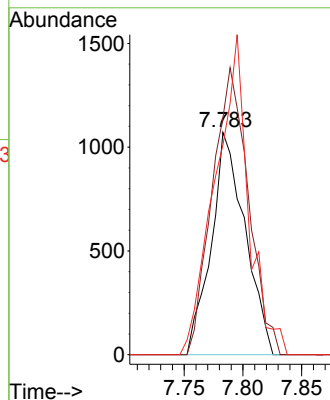
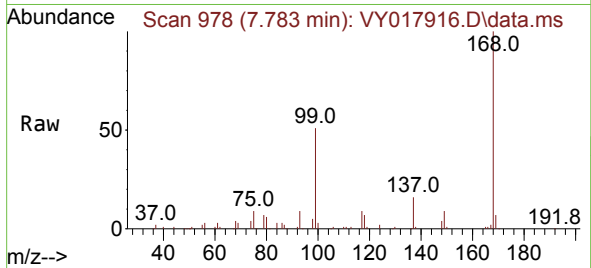




#31
Cyclohexane
Concen: 1.486 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

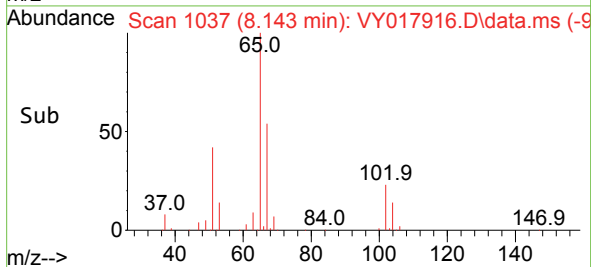
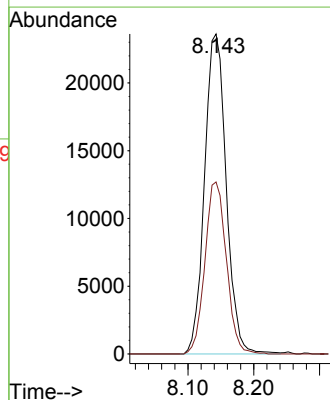
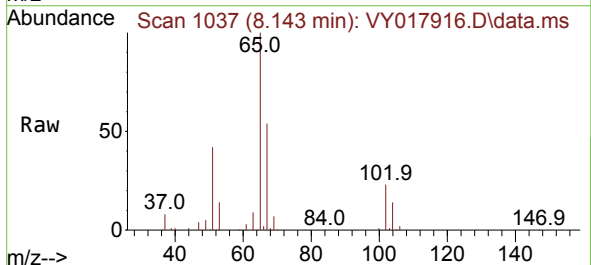
Instrument :
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ClientSampleId :
SU-04-041124

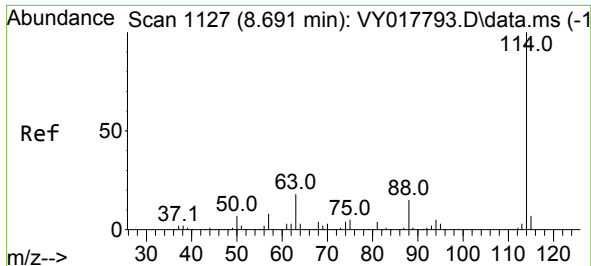
Tgt Ion: 56 Resp: 2141
Ion Ratio Lower Upper
56 100
69 106.5 28.7 43.1#
84 94.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 66.178 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 65 Resp: 54120
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

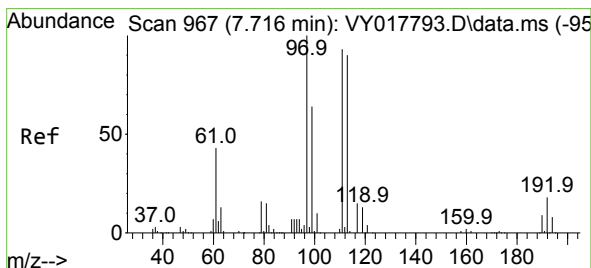
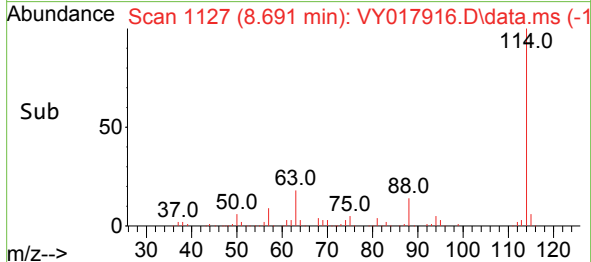
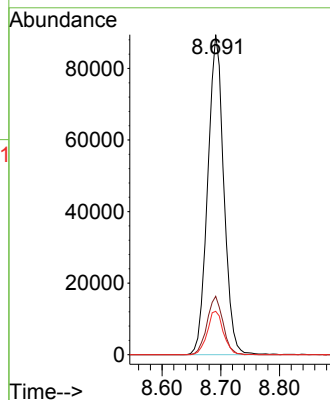
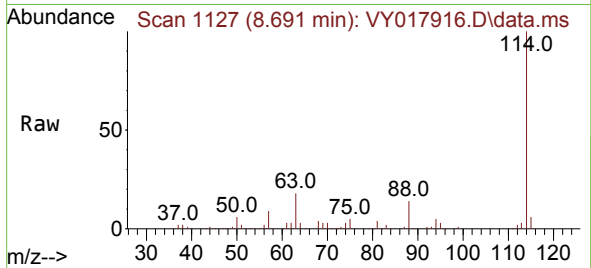




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

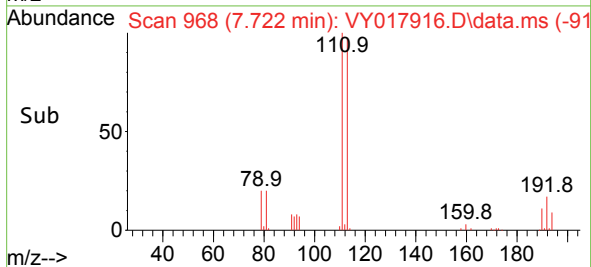
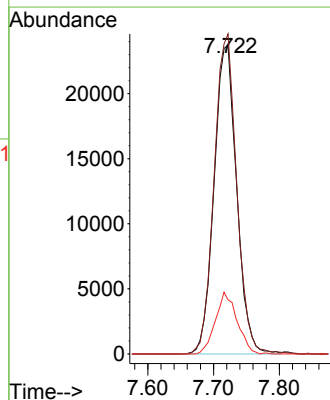
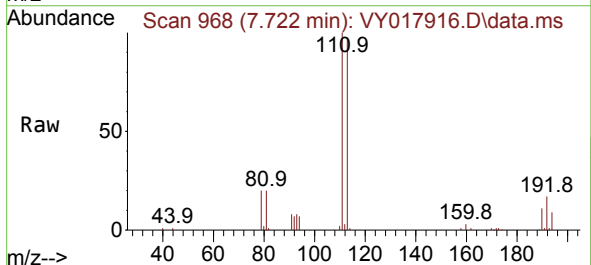
Instrument :
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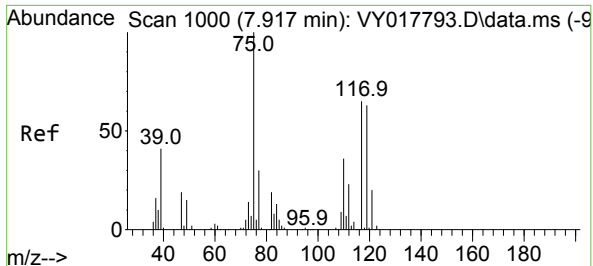
Tgt Ion:114 Resp: 169848
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.906 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion:113 Resp: 56832
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 19.2 15.9 23.9

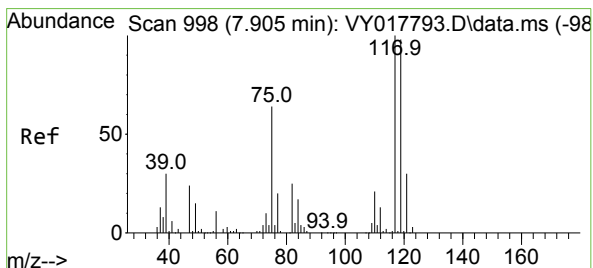
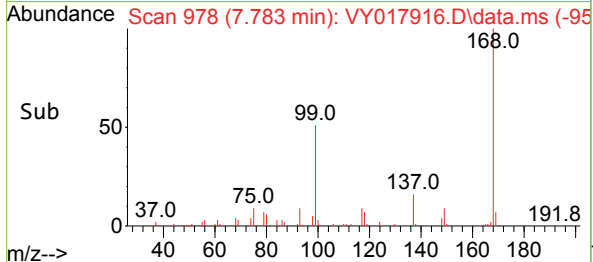
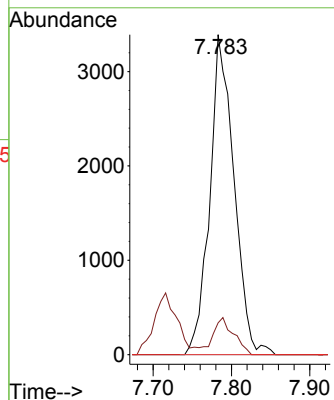
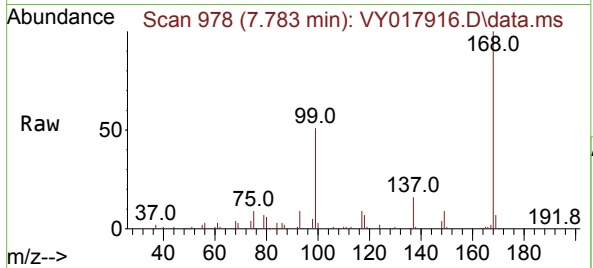




#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

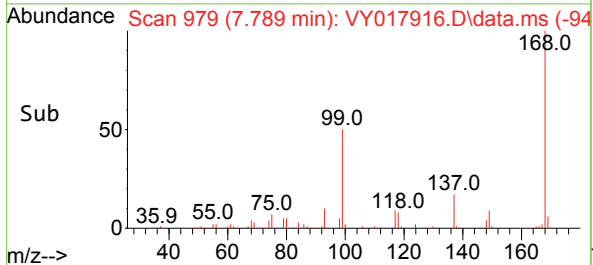
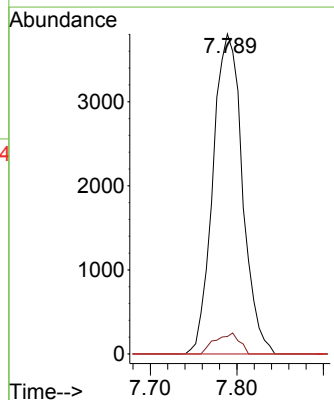
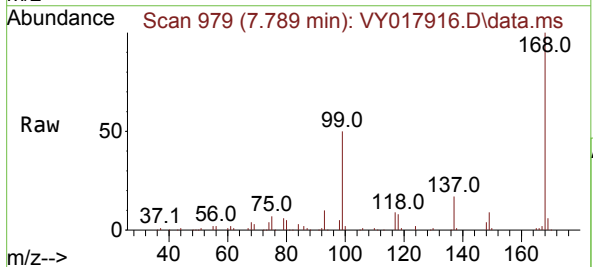
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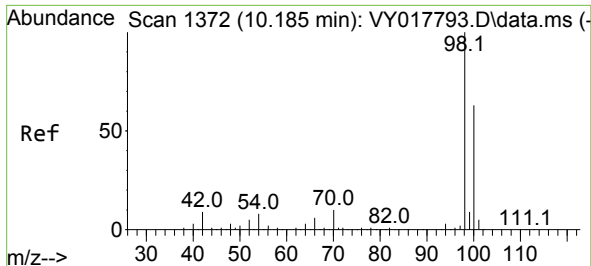
Tgt Ion: 75 Resp: 7279
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 117 Resp: 9004
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#

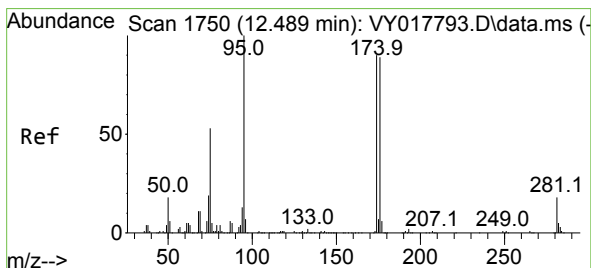
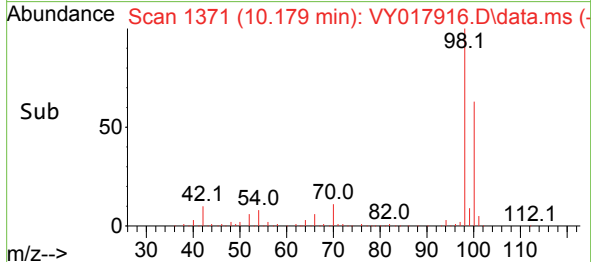
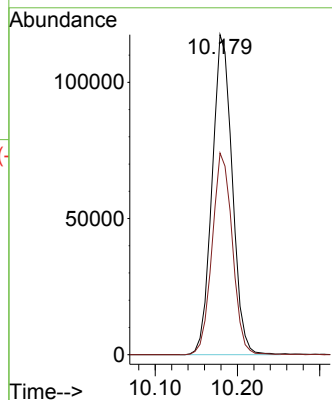
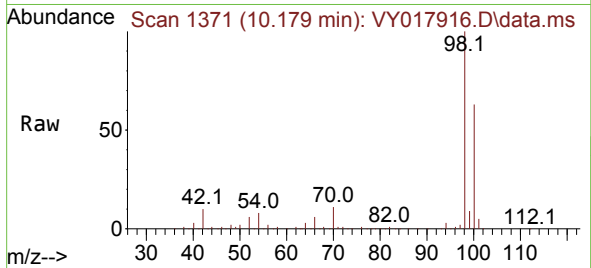




#50
Toluene-d8
Concen: 54.466 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

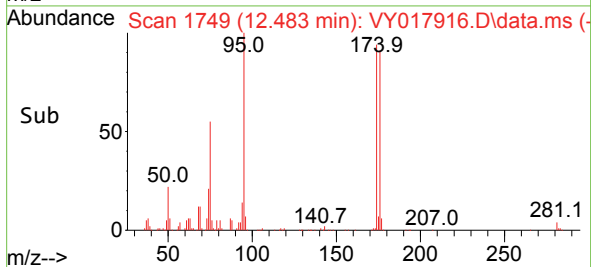
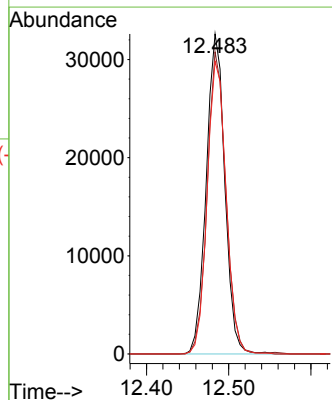
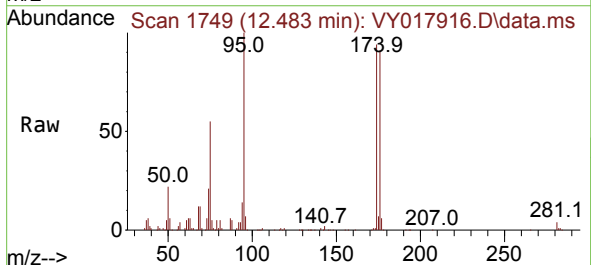
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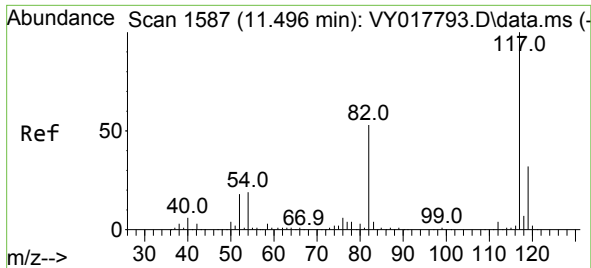
Tgt Ion: 98 Resp: 199680
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.861 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 95 Resp: 51155
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 93.2 0.0 171.4

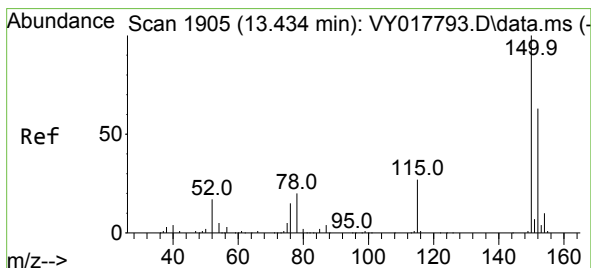
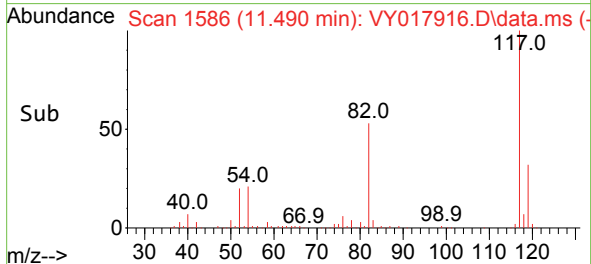
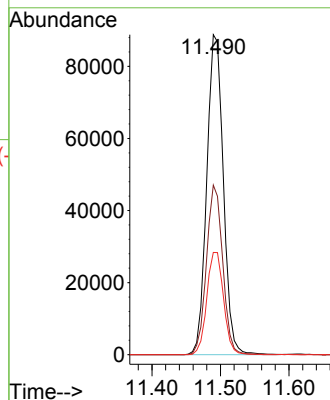
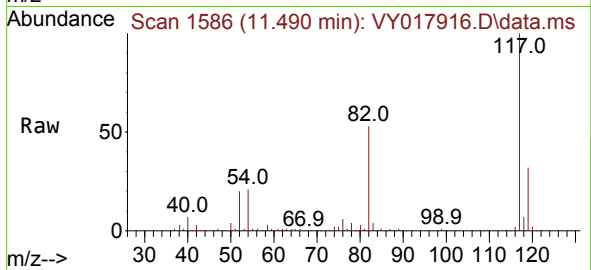




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

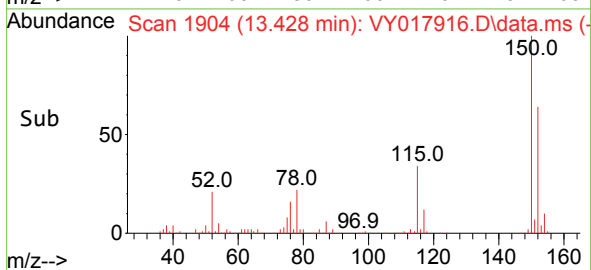
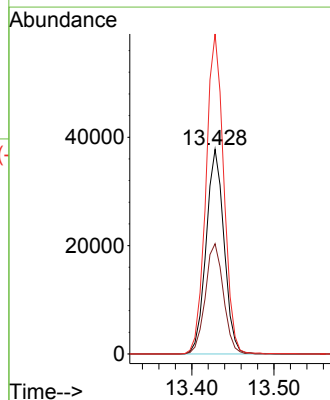
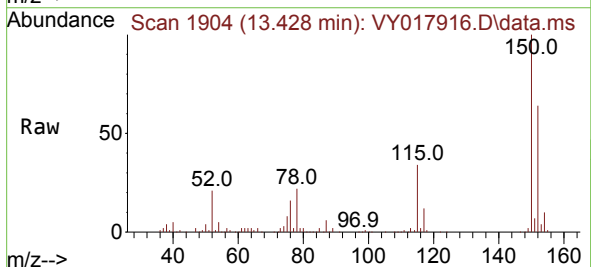
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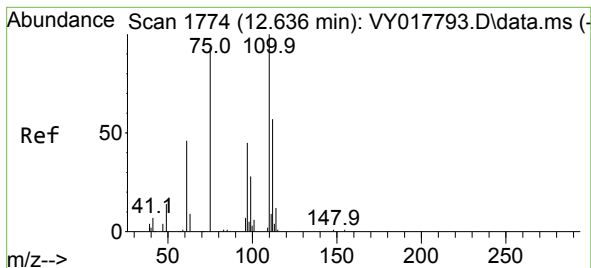
Tgt Ion:117 Resp: 149769
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion:152 Resp: 57294
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 154.8 0.0 345.6

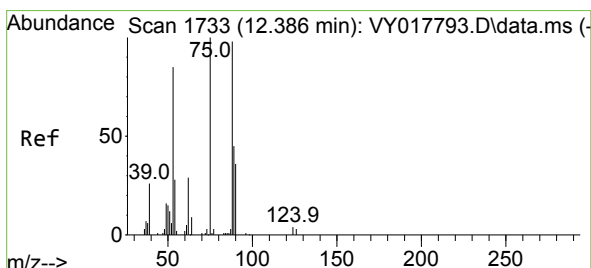
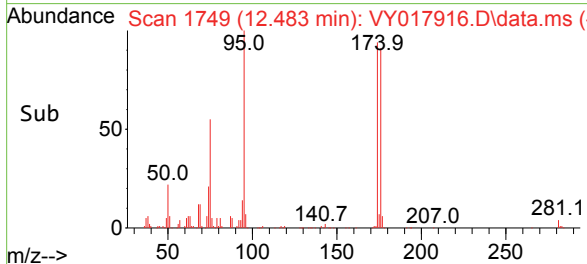
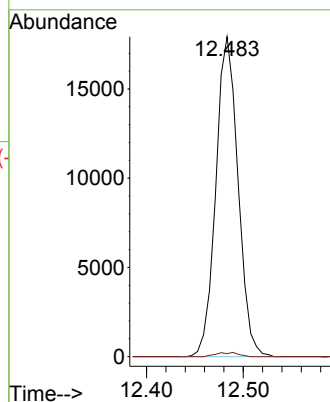
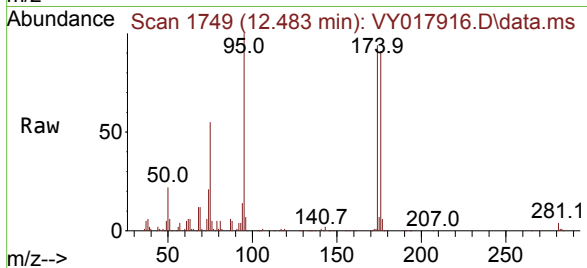




#76
1,2,3-Trichloropropane
Concen: 54.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-041124

Tgt Ion: 75 Resp: 28525
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.645 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017916.D
Acq: 11 Apr 2024 17:12

Tgt Ion: 75 Resp: 28525
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

