

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016816.D
 Acq On : 22 Dec 2023 18:20
 Operator : SY/MD
 Sample : 05877-20
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM57

Quant Time: Dec 22 23:03:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

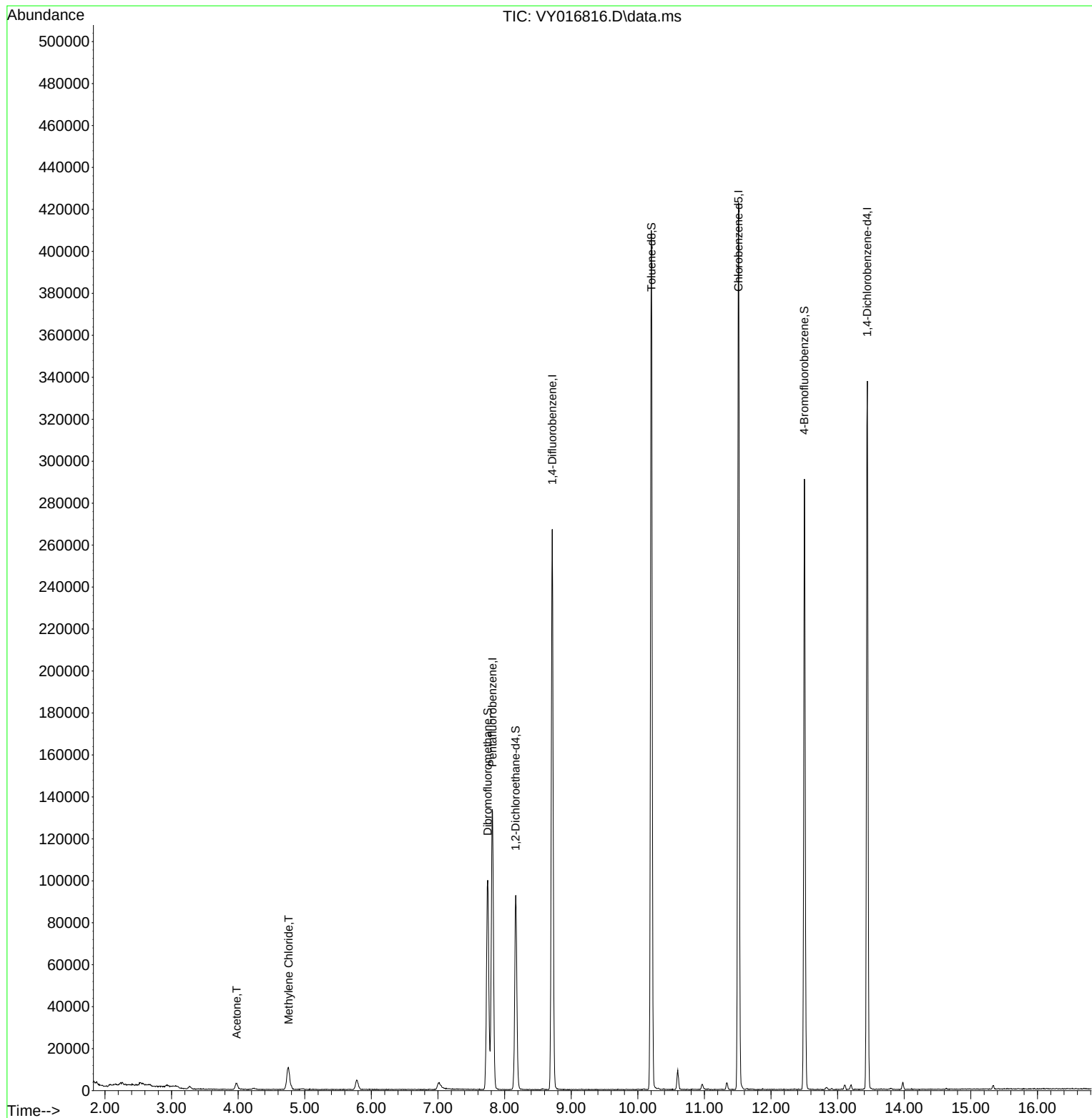
Internal Standards						
1) Pentafluorobenzene	7.819	168	101648	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	226804	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	230906	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	86290	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71731	77.302	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.600%	
35) Dibromofluoromethane	7.746	113	74781	57.560	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.120%	
50) Toluene-d8	10.203	98	263403	56.241	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.480%	
62) 4-Bromofluorobenzene	12.501	95	87250	57.422	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	5420	21.600	ug/l	94
20) Methylene Chloride	4.759	84	8035	3.473	ug/l	92

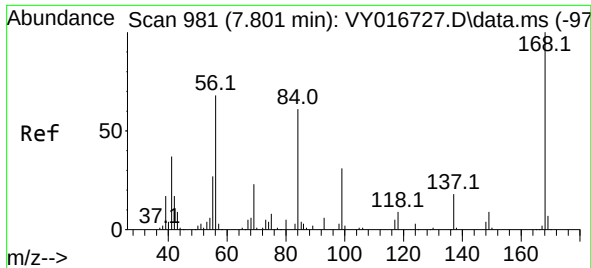
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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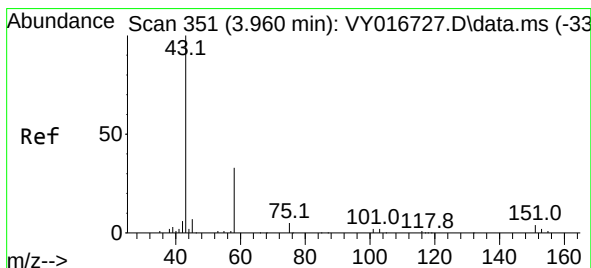
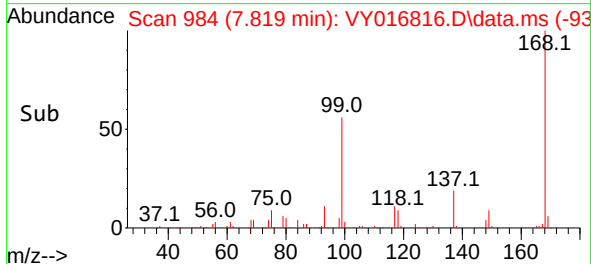
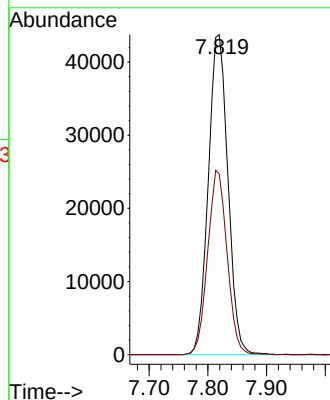
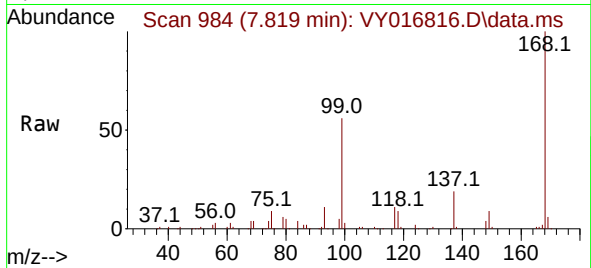




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

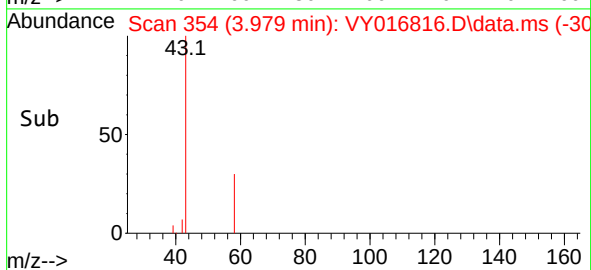
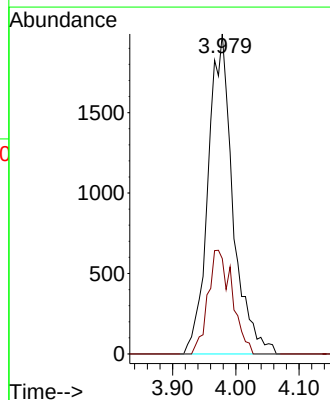
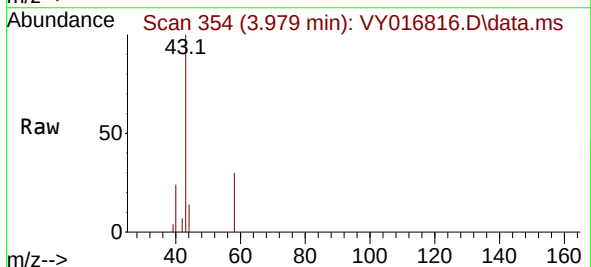
Instrument :
MSVOA_Y
ClientSampleId :
COM57

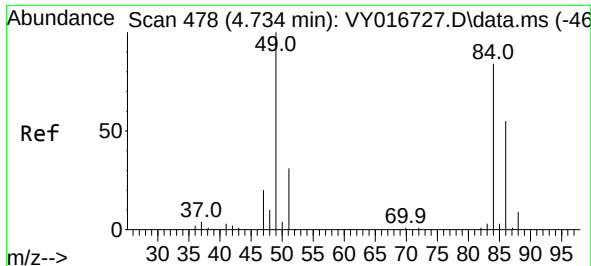
Tgt Ion:168 Resp: 101648
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#16
Acetone
Concen: 21.600 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

Tgt Ion: 43 Resp: 5420
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8

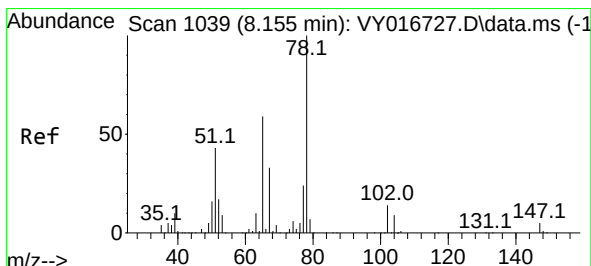
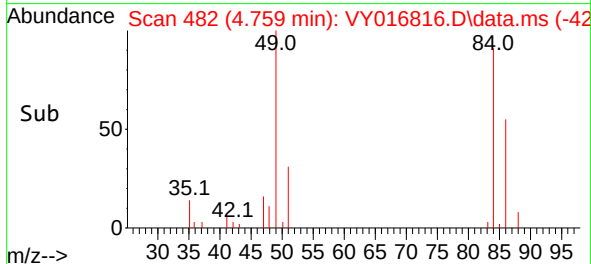
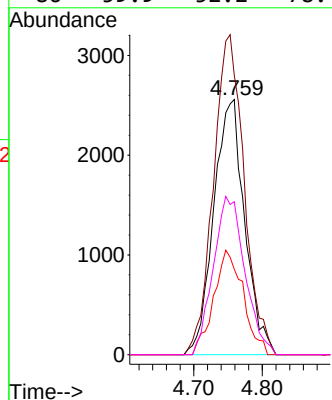
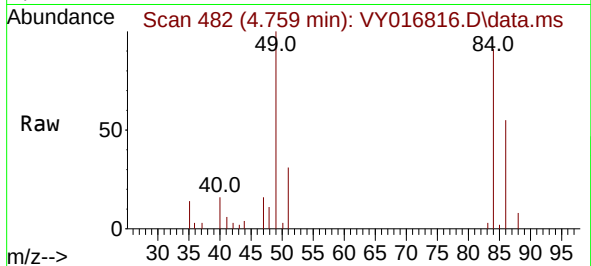




#20
Methylene Chloride
Concen: 3.473 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

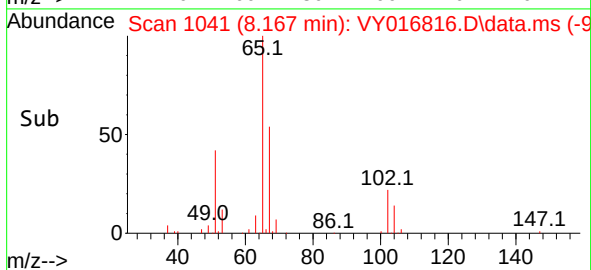
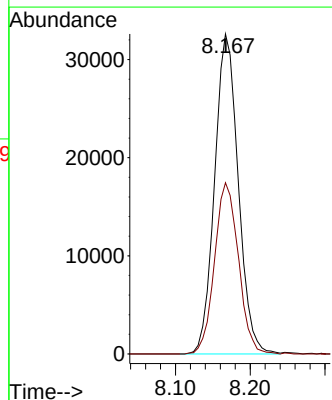
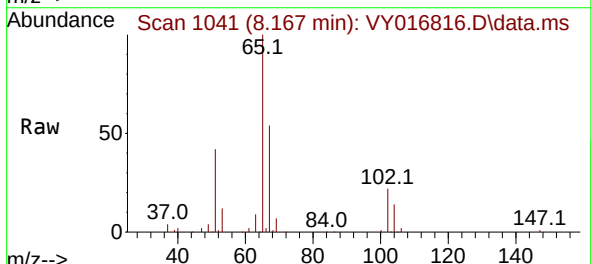
Instrument :
MSVOA_Y
ClientSampleId :
COM57

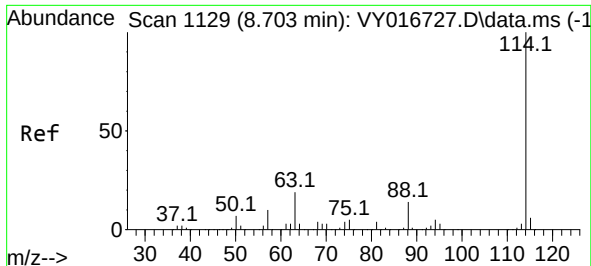
Tgt Ion: 84	Resp: 8035
Ion Ratio	Lower Upper
84 100	
49 109.4	95.2 142.8
51 33.5	29.9 44.9
86 59.9	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 77.302 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

Tgt Ion: 65	Resp: 71731
Ion Ratio	Lower Upper
65 100	
67 54.1	0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016816.D

Acq: 22 Dec 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

COM57

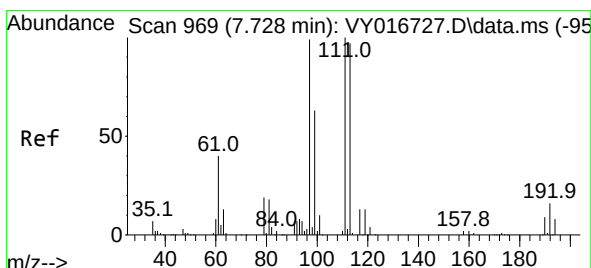
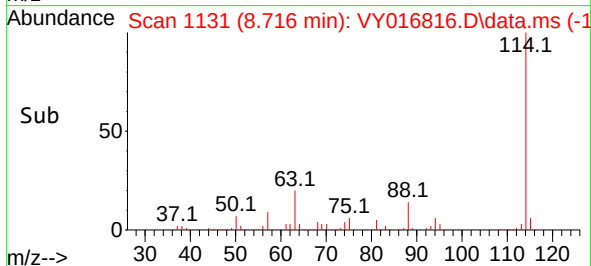
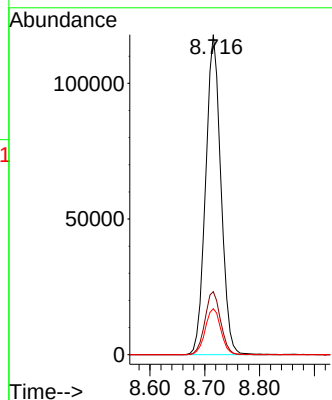
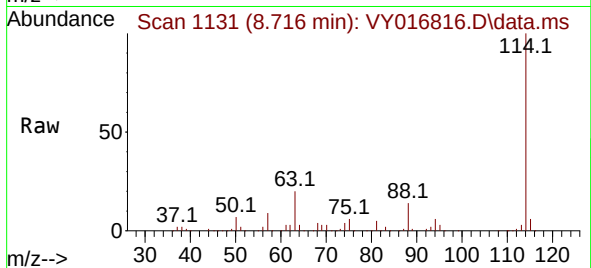
Tgt Ion:114 Resp: 226804

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.560 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016816.D

Acq: 22 Dec 2023 18:20

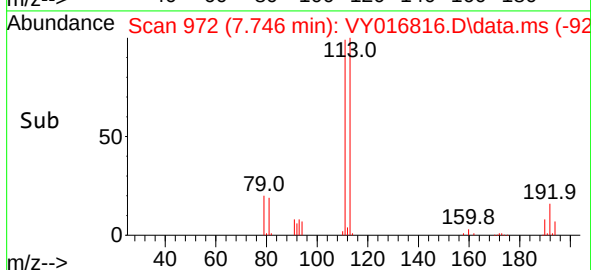
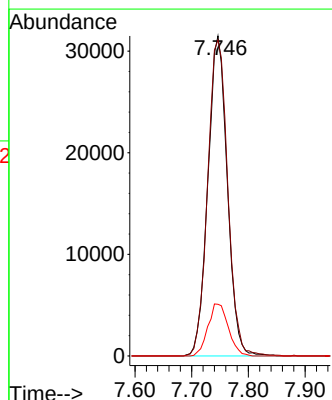
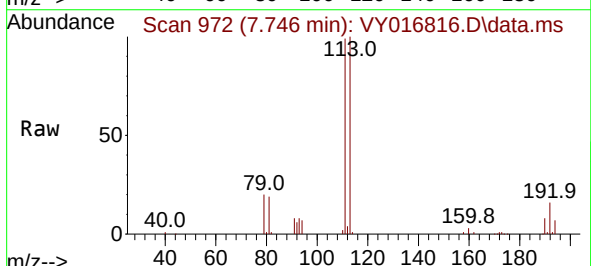
Tgt Ion:113 Resp: 74781

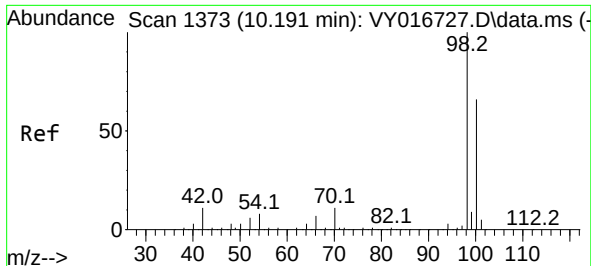
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.1 14.5 21.7

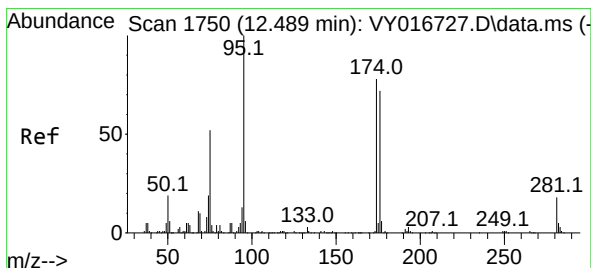
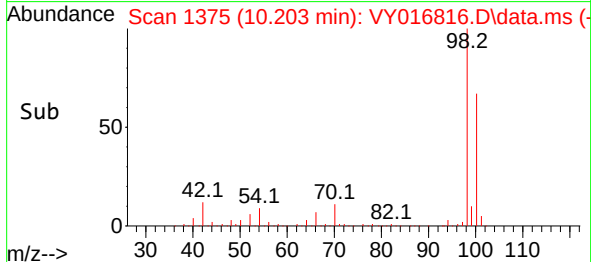
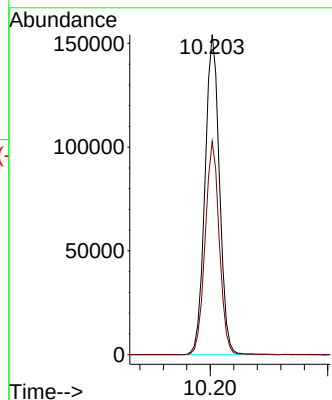
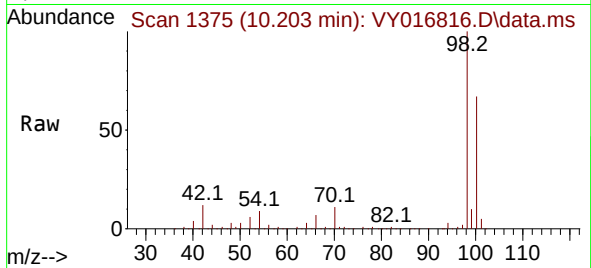




#50
Toluene-d8
Concen: 56.241 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

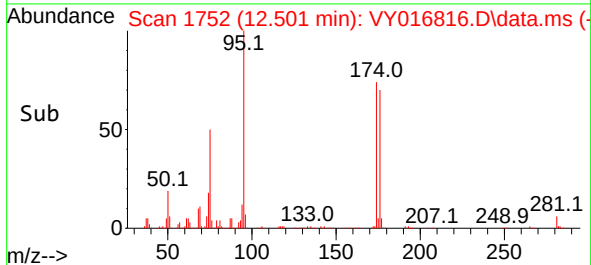
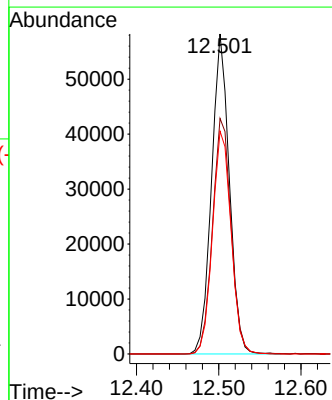
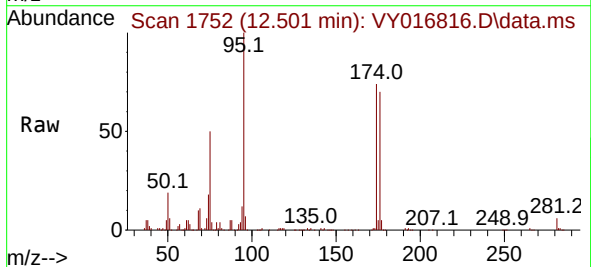
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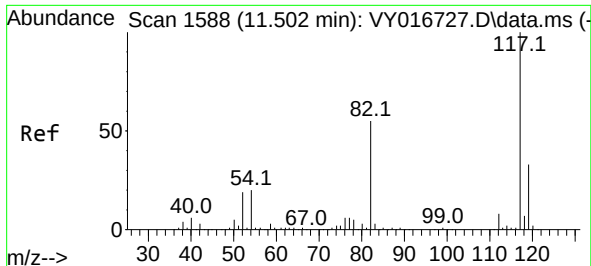
Tgt Ion: 98 Resp: 263403
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 57.422 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

Tgt Ion: 95 Resp: 87250
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.0
176 72.7 0.0 151.8

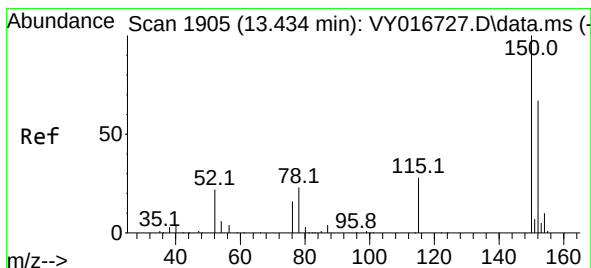
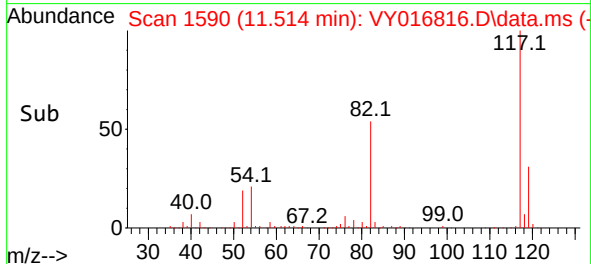
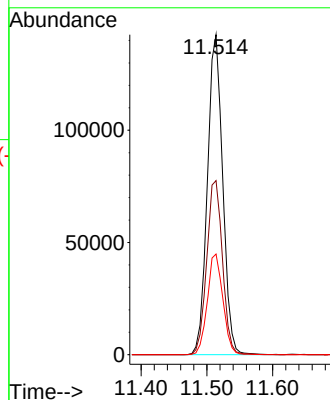
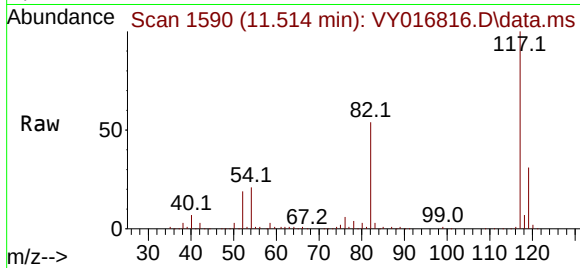




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :
COM57

Tgt Ion:117 Resp: 230906
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016816.D
Acq: 22 Dec 2023 18:20

Tgt Ion:152 Resp: 86290
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 156.0 0.0 344.6

