

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016813.D
 Acq On : 22 Dec 2023 17:10
 Operator : SY/MD
 Sample : 05877-15
 Misc : 3.37g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM51

Quant Time: Dec 22 23:02:03 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)

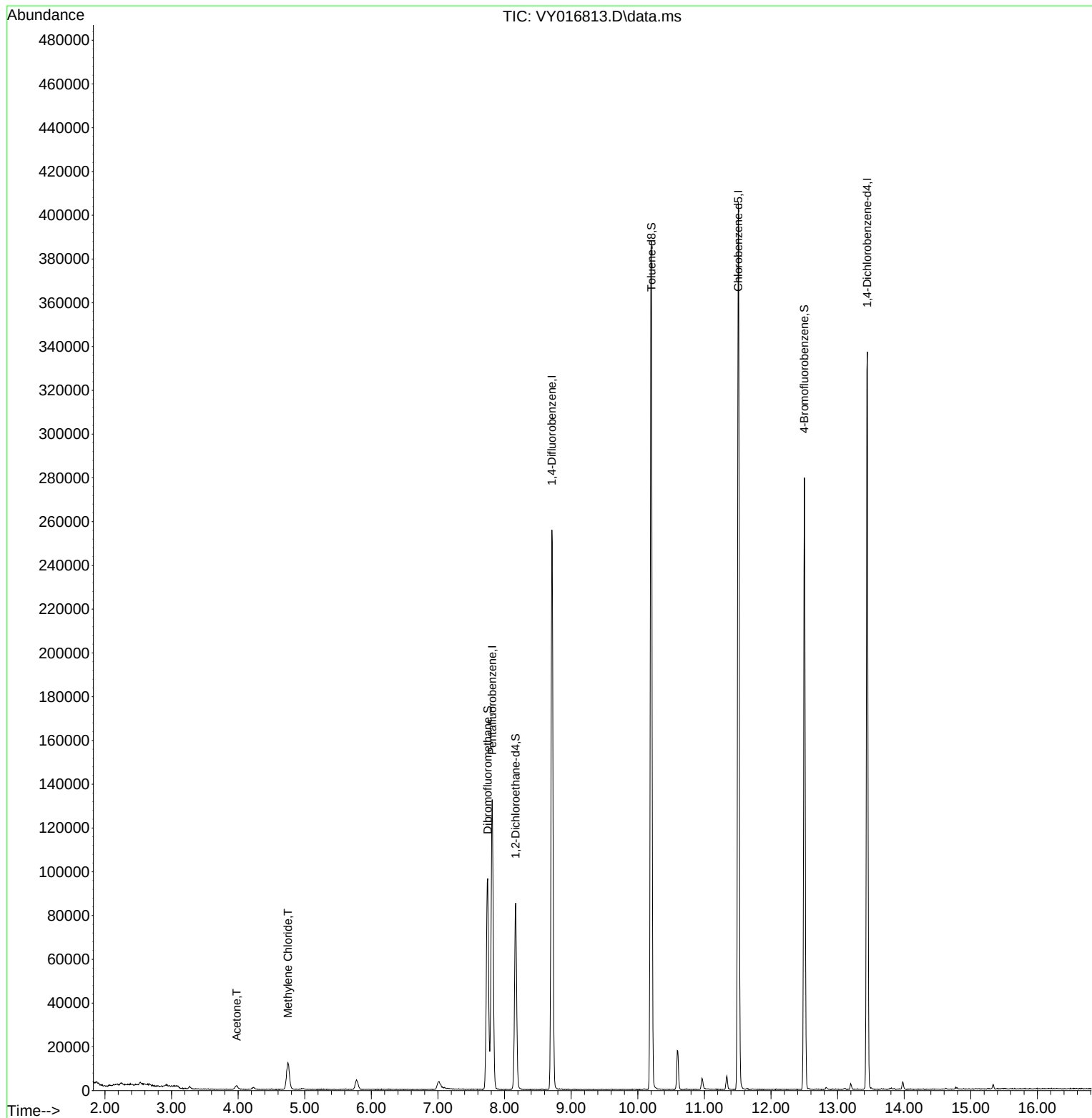
Internal Standards						
1) Pentafluorobenzene	7.813	168	100174	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	221207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	223638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	83855	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	64595	70.636	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.280%	
35) Dibromofluoromethane	7.746	113	70459	55.605	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.220%	
50) Toluene-d8	10.203	98	258304	56.548	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.502	95	82118	55.412	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	3555	14.376	ug/l	91
20) Methylene Chloride	4.747	84	9811	4.999	ug/l	91

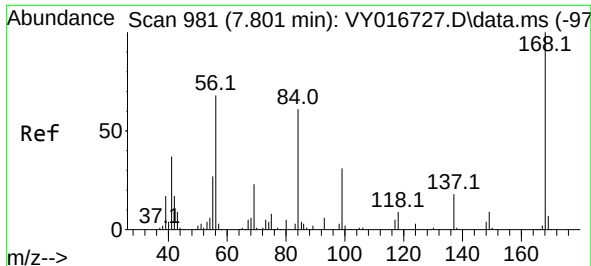
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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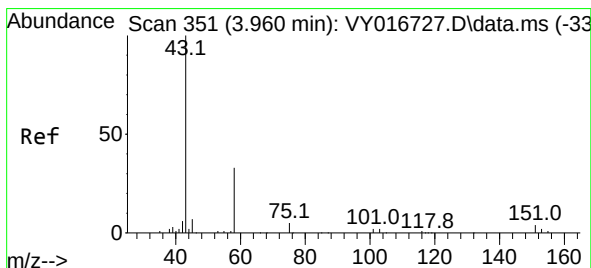
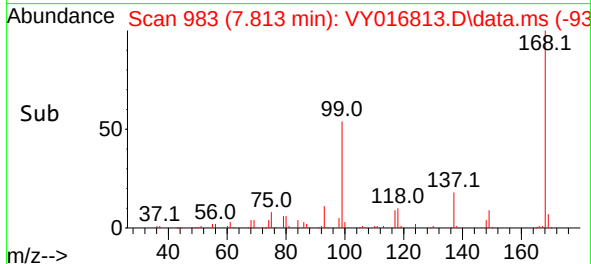
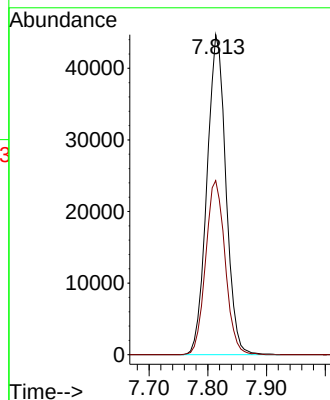
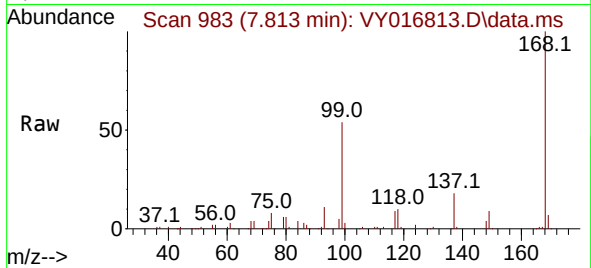




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

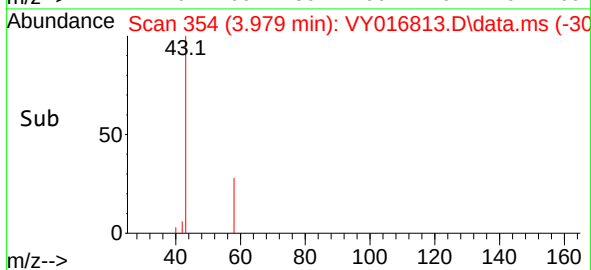
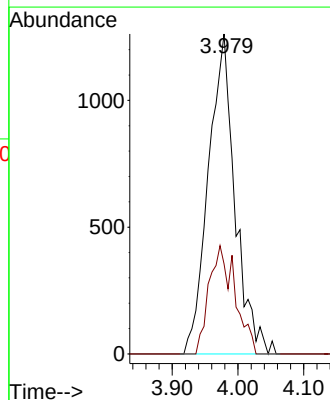
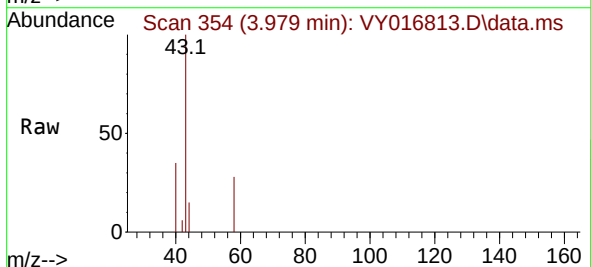
Instrument :
MSVOA_Y
ClientSampleId :
COM51

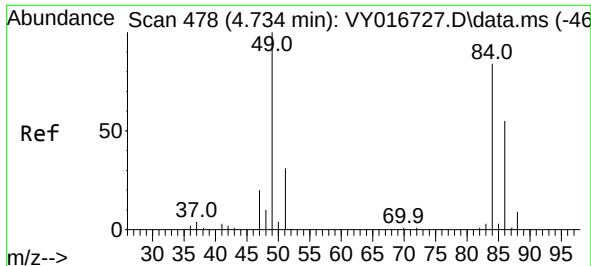
Tgt Ion:168 Resp: 100174
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#16
Acetone
Concen: 14.376 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

Tgt Ion: 43 Resp: 3555
Ion Ratio Lower Upper
43 100
58 28.1 26.6 39.8

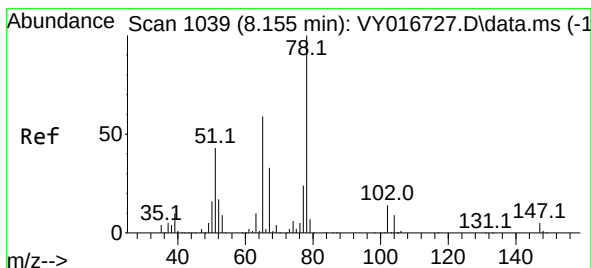
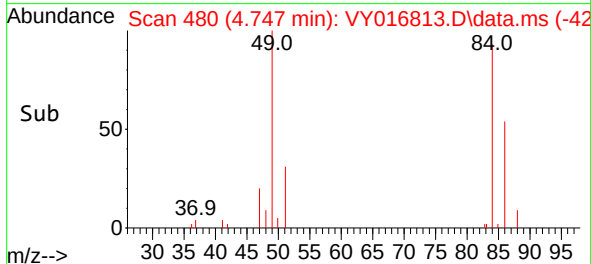
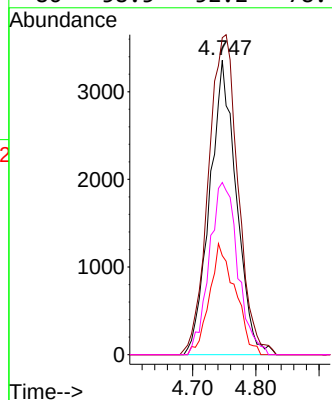
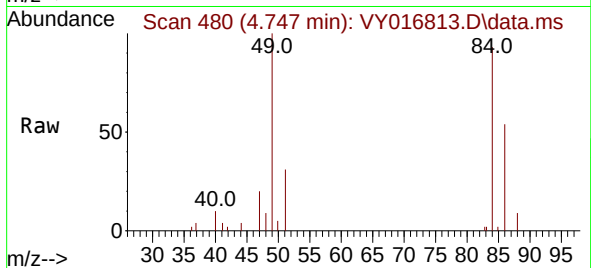




#20
Methylene Chloride
Concen: 4.999 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

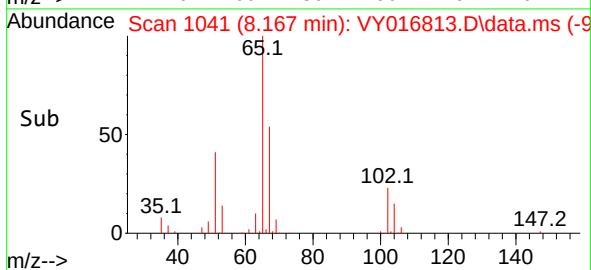
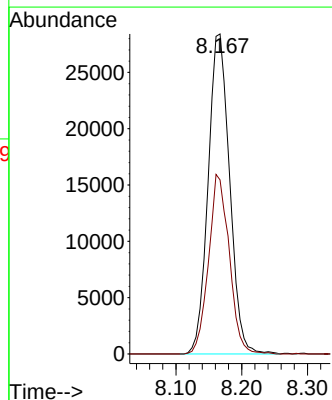
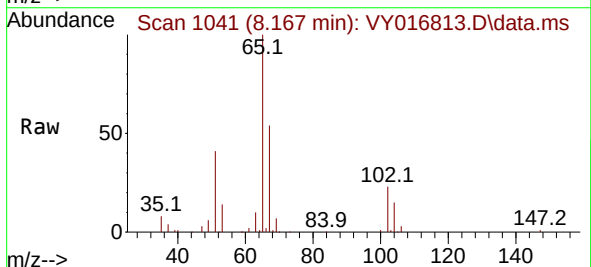
Instrument :
MSVOA_Y
ClientSampleId :
COM51

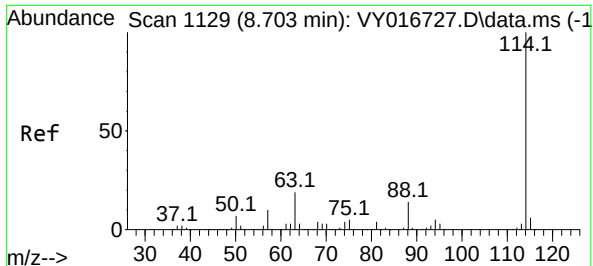
Tgt Ion:	84	Resp:	9811
Ion	Ratio	Lower	Upper
84	100		
49	107.7	95.2	142.8
51	33.6	29.9	44.9
86	58.5	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 70.636 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

Tgt Ion:	65	Resp:	64595
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016813.D

Acq: 22 Dec 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

COM51

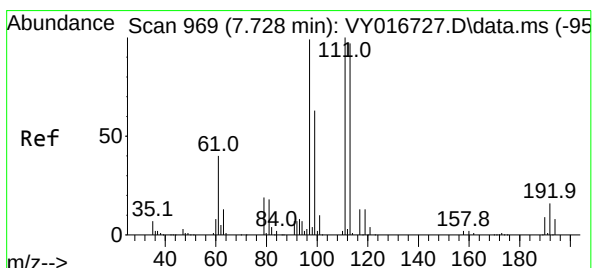
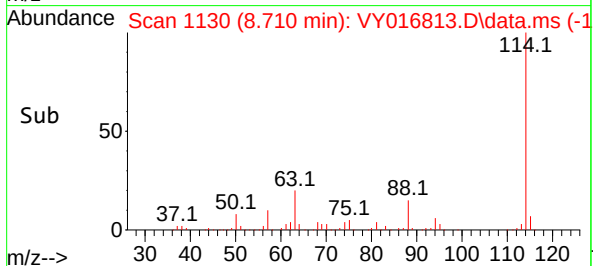
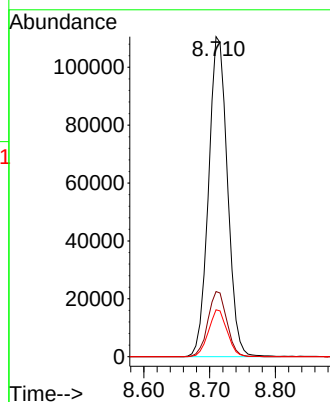
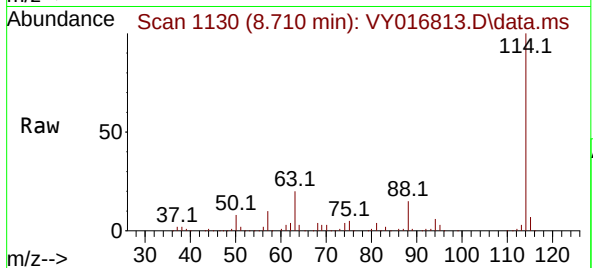
Tgt Ion:114 Resp: 221207

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.605 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY016813.D

Acq: 22 Dec 2023 17:10

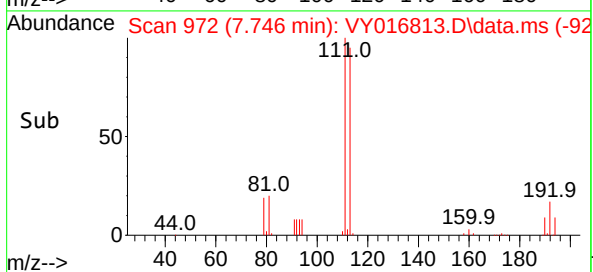
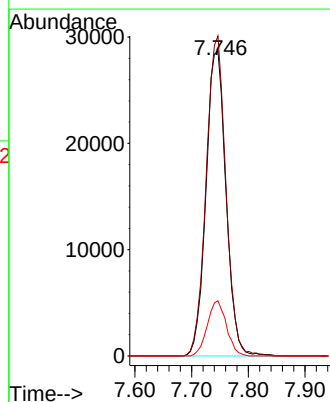
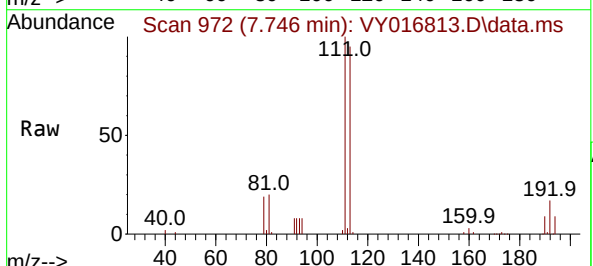
Tgt Ion:113 Resp: 70459

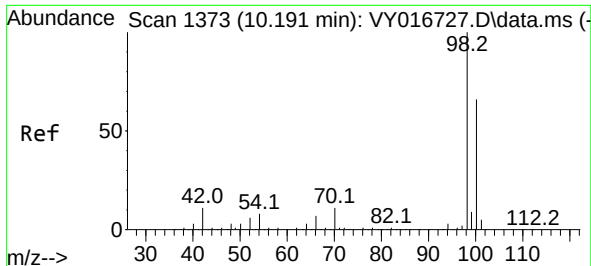
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.3 14.5 21.7

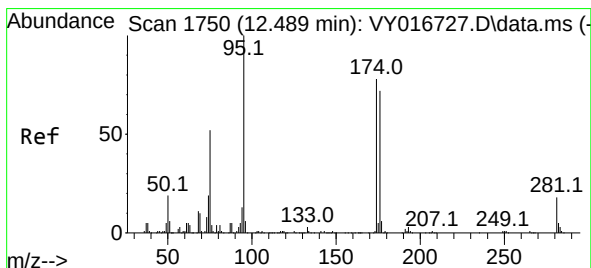
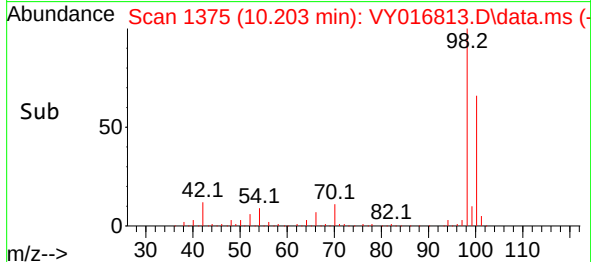
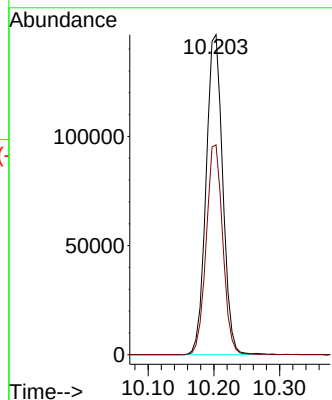
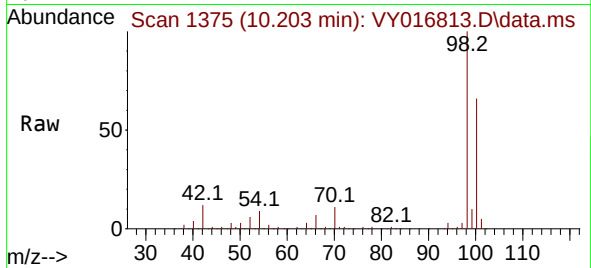




#50
Toluene-d8
Concen: 56.548 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

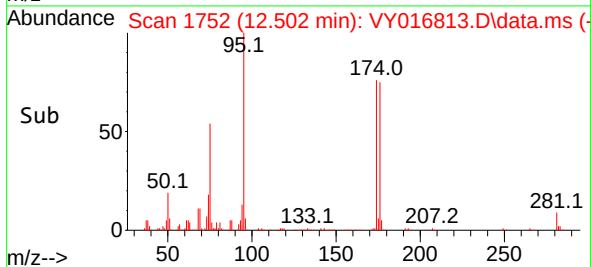
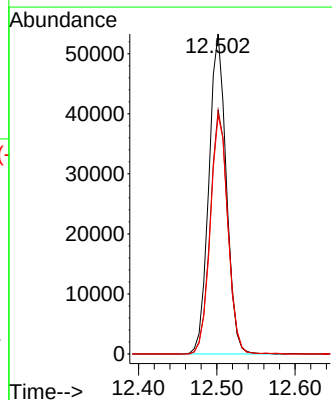
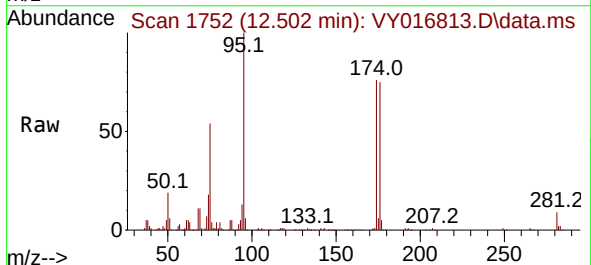
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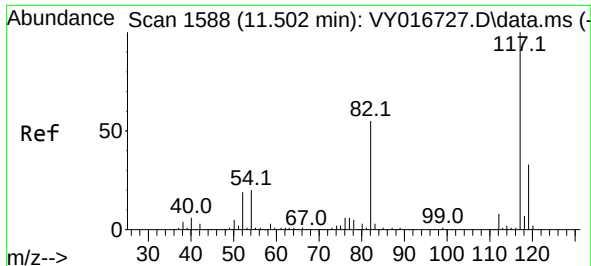
Tgt Ion: 98 Resp: 258304
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 55.412 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

Tgt Ion: 95 Resp: 82118
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.0
176 75.1 0.0 151.8

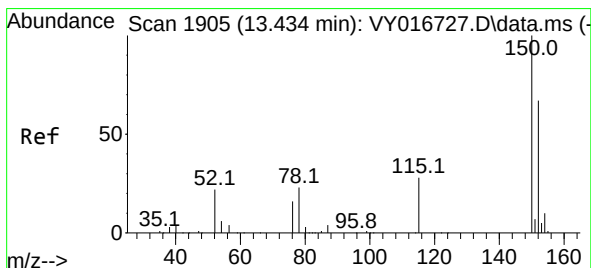
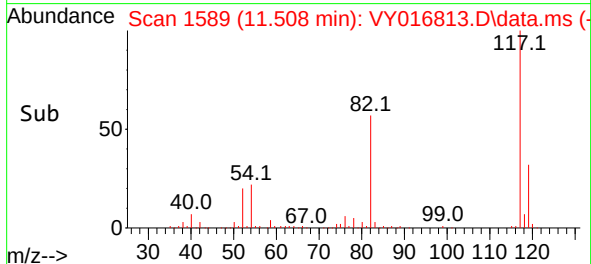
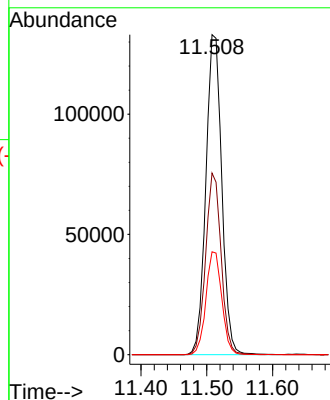
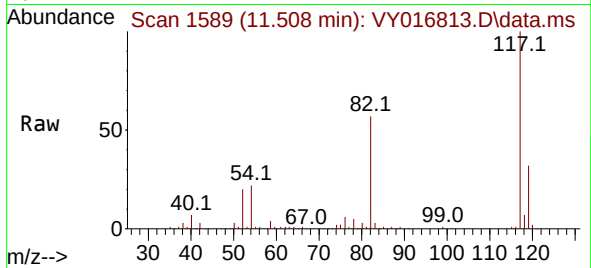




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :
COM51

Tgt Ion:117 Resp: 223638
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016813.D
Acq: 22 Dec 2023 17:10

Tgt Ion:152 Resp: 83855
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 158.4 0.0 344.6

