

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016619.D
 Acq On : 06 Dec 2023 16:31
 Operator : SY/MD
 Sample : 05599-13RE
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-07RE

Quant Time: Dec 07 00:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	124923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	202318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	98156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79827	69.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.280%
35) Dibromofluoromethane	7.728	113	63850	52.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.880%
50) Toluene-d8	10.191	98	236088	51.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.495	95	84327	55.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.360%

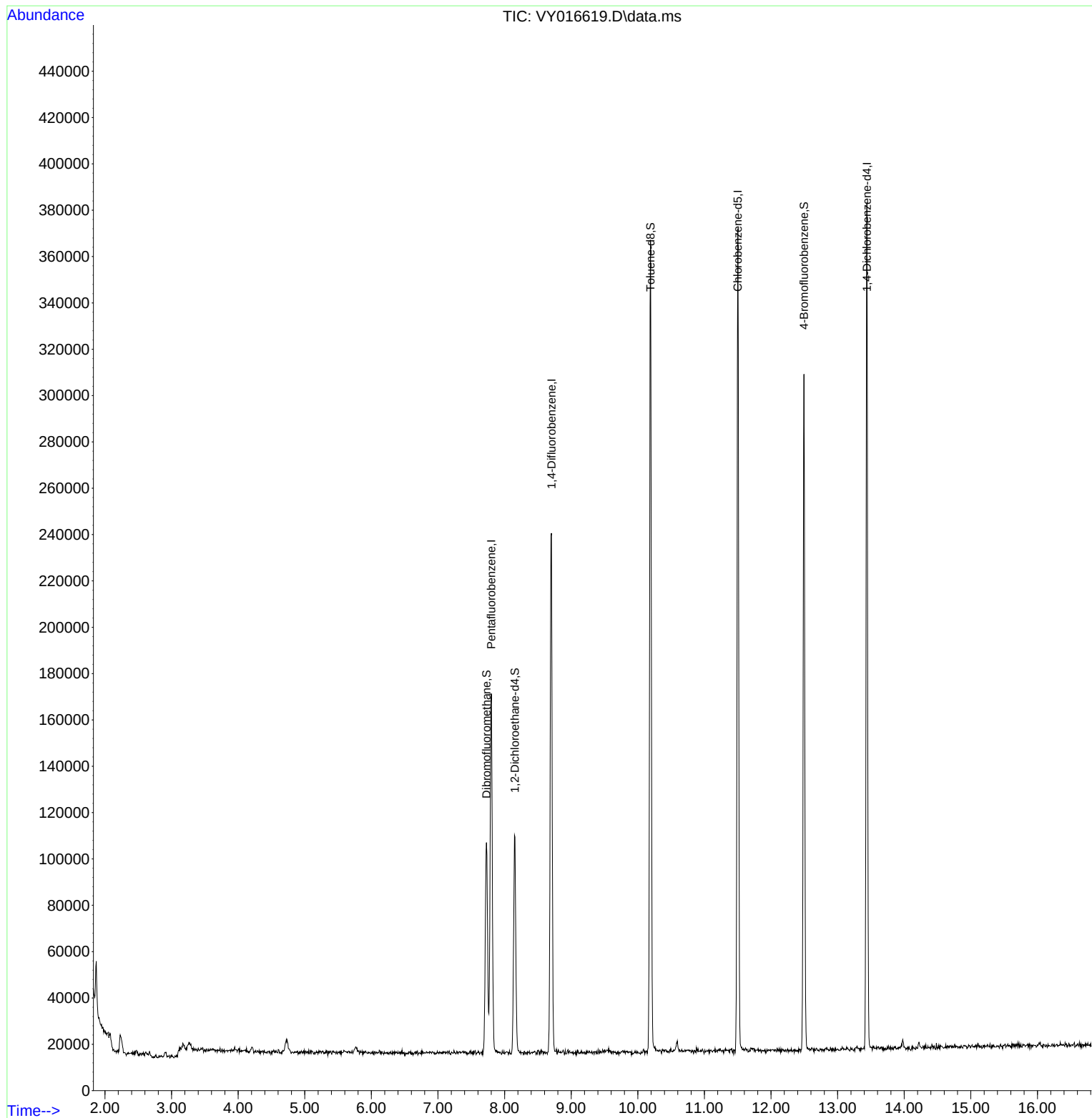
Target Compounds	Qvalue

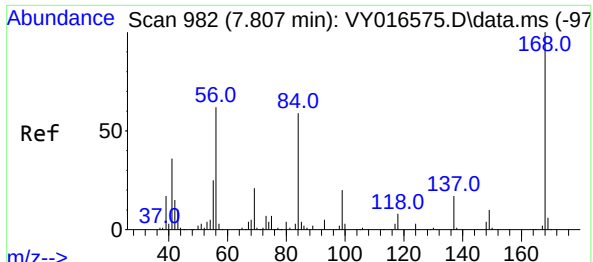
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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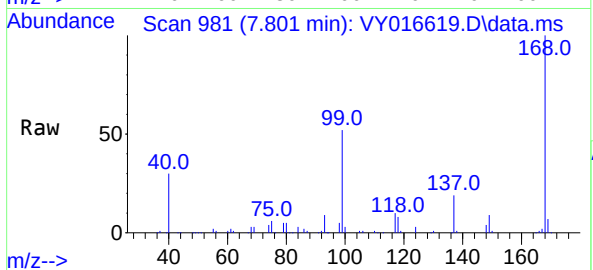
Quant Time: Dec 07 00:35:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
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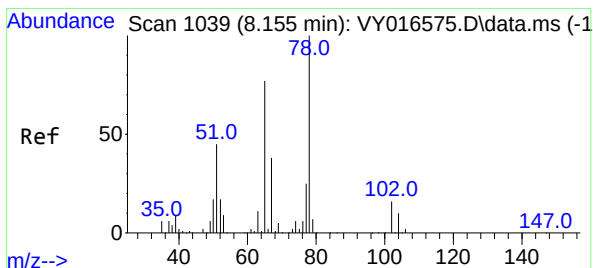
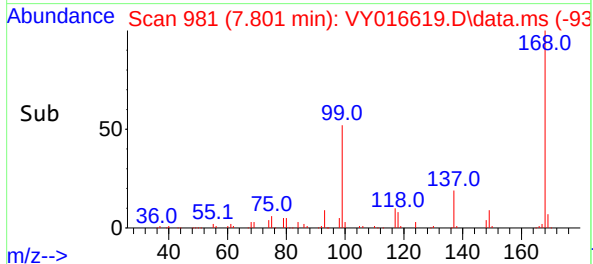
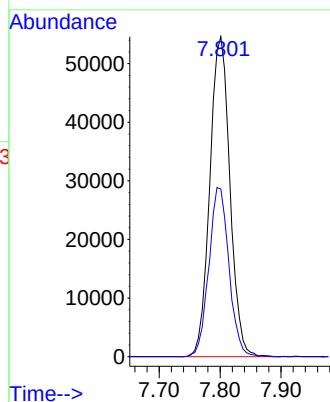


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-07RE

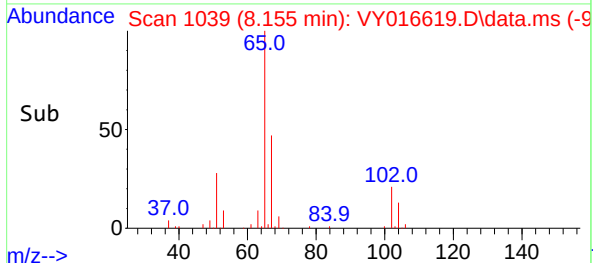
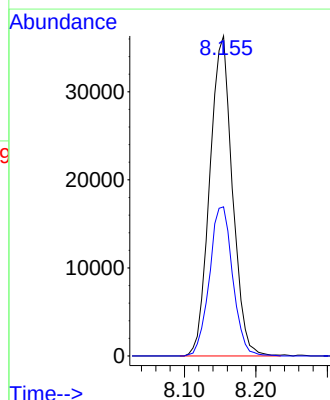
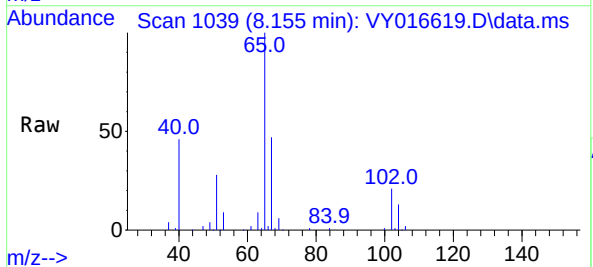


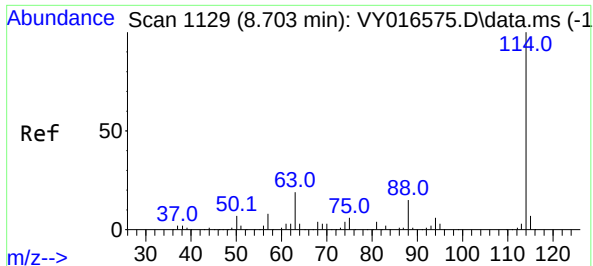
Tgt Ion:168 Resp: 124923
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.137 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Tgt Ion: 65 Resp: 79827
Ion Ratio Lower Upper
65 100
67 47.9 0.0 101.8

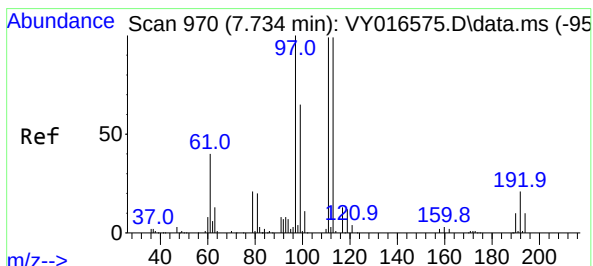
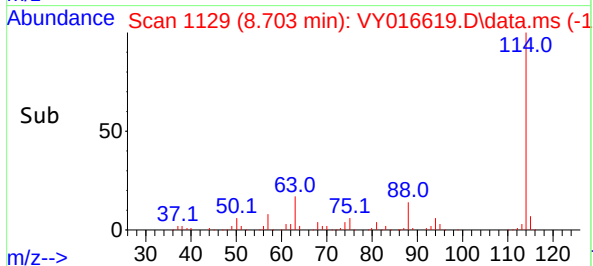
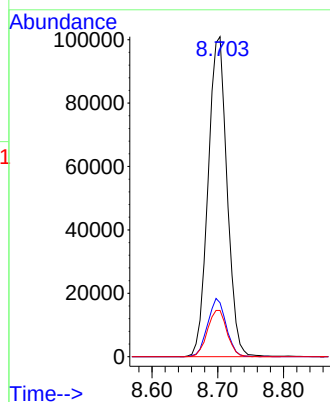
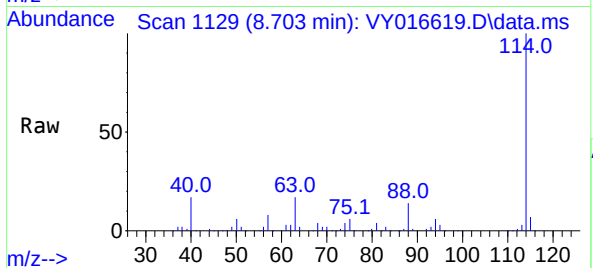




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

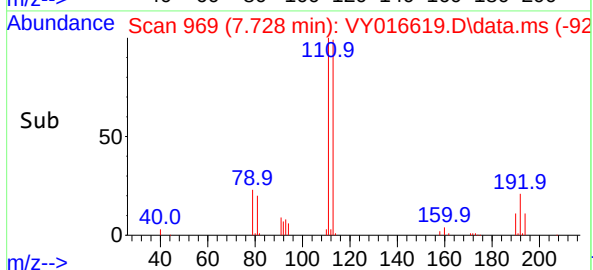
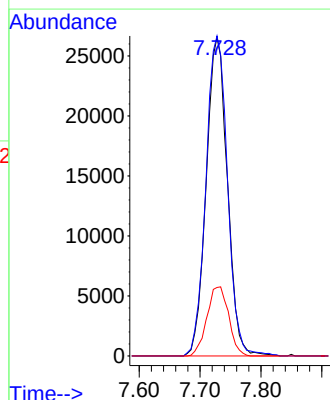
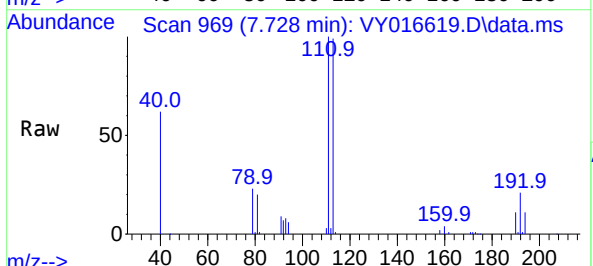
Instrument :
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ClientSampleId :
LKWD-BACKFILL-07RE

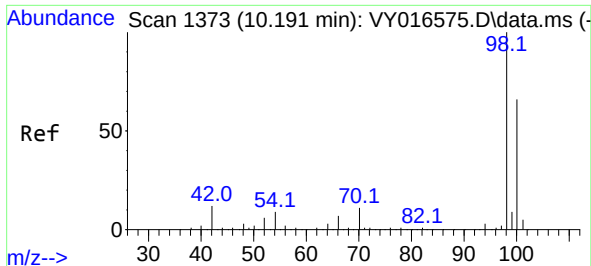
Tgt Ion:114 Resp: 202318
Ion Ratio Lower Upper
114 100
63 16.9 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.441 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Tgt Ion:113 Resp: 63850
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 22.4 16.9 25.3

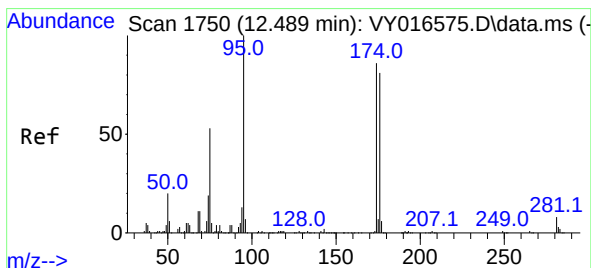
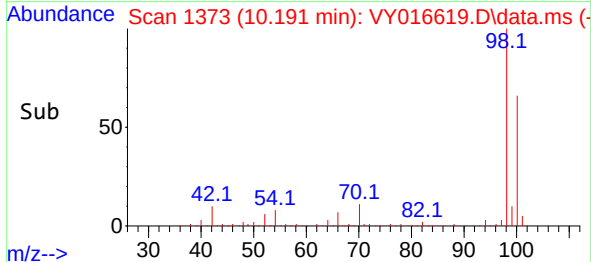
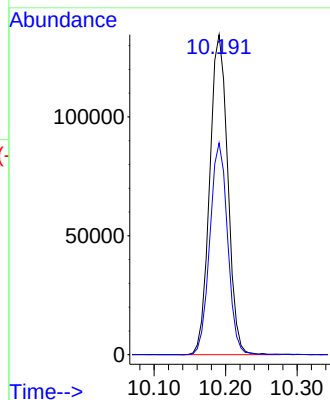
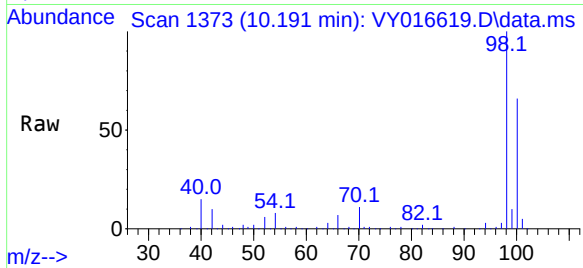




#50
Toluene-d8
Concen: 51.263 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

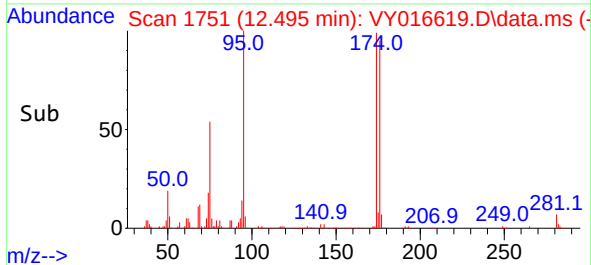
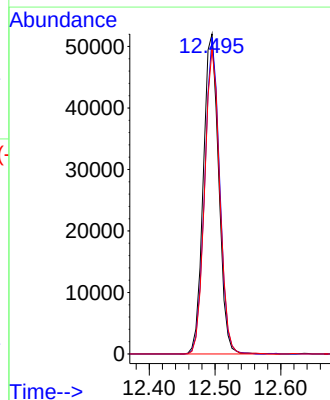
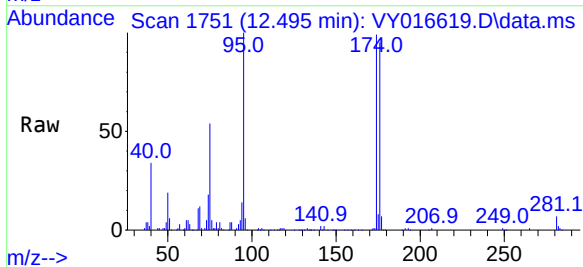
Instrument :
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ClientSampleId :
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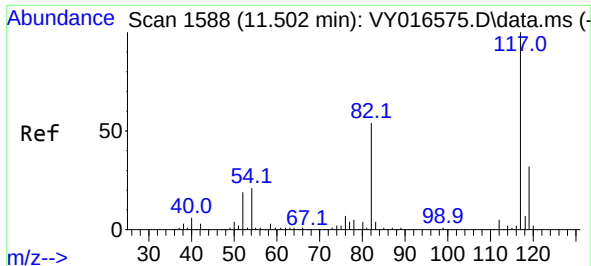
Tgt Ion: 98 Resp: 236088
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.679 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Tgt Ion: 95 Resp: 84327
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.2
176 93.8 0.0 173.8

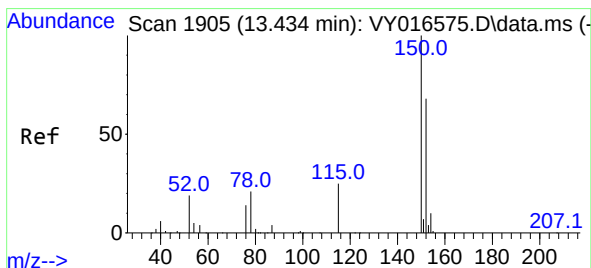
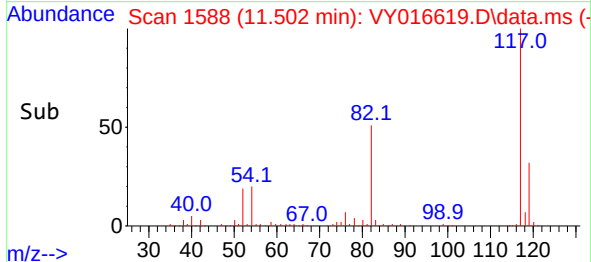
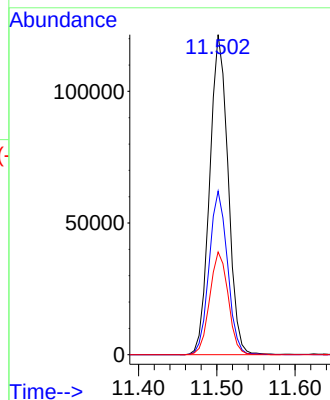
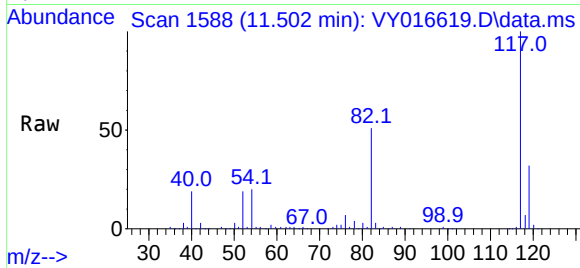




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-07RE

Tgt Ion:	117	Resp:	198168
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	32.1	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016619.D
Acq: 06 Dec 2023 16:31

Tgt Ion:	152	Resp:	98156
Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.8	86.5
150	158.2	0.0	348.8

