

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019086.D
 Acq On : 16 Aug 2024 12:08
 Operator : SY/MD
 Sample : P3607-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOILB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-08142024RE

Quant Time: Aug 16 14:27:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	14890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	22484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	14699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	3684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	4893	32.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.560%
35) Dibromofluoromethane	7.622	113	6681	45.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.103	98	22540	42.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.200%
62) 4-Bromofluorobenzene	12.408	95	4727	26.210	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	52.420%

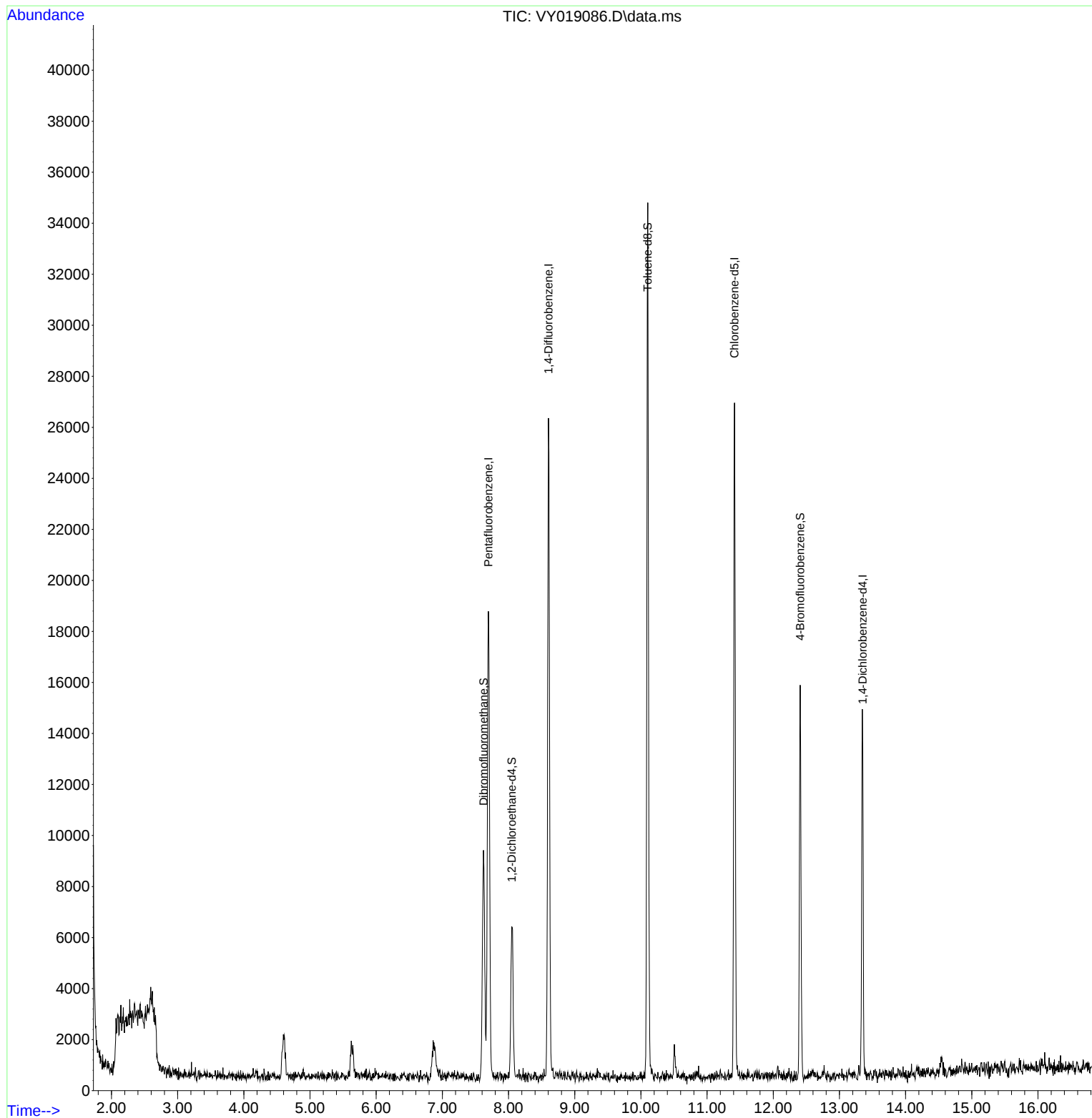
Target Compounds	Qvalue

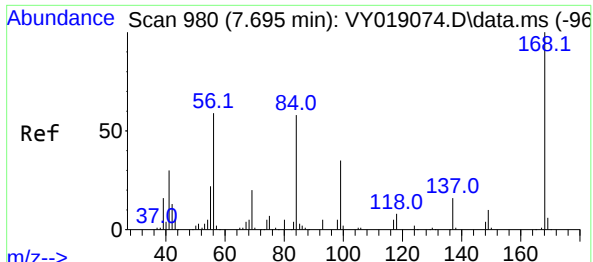
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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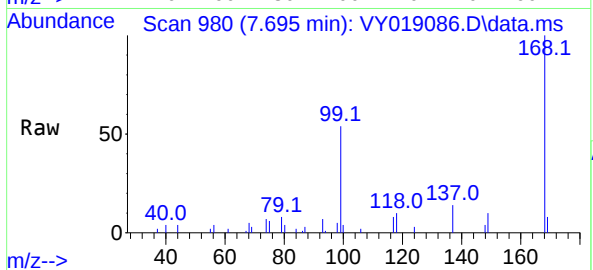
Quant Time: Aug 16 14:27:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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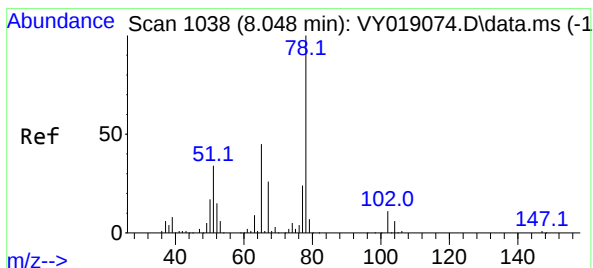
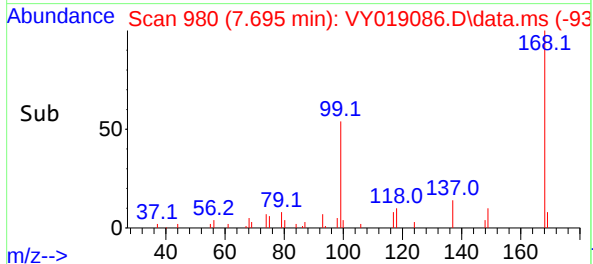
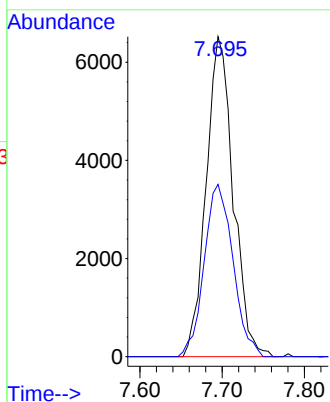


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-08142024RE

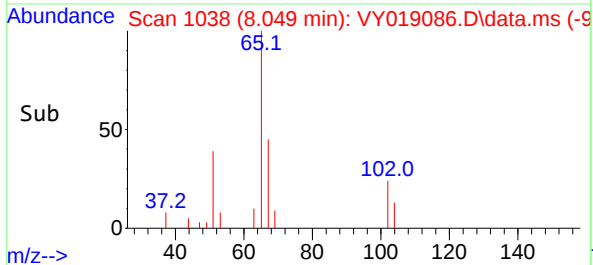
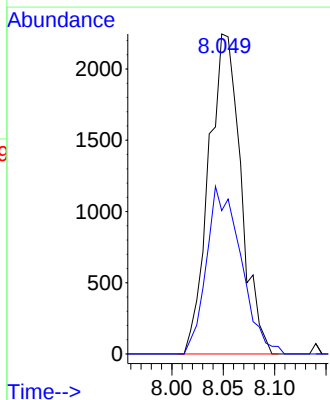
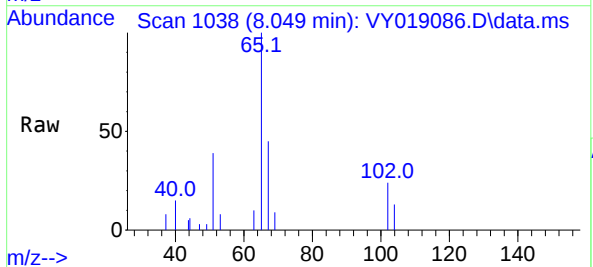


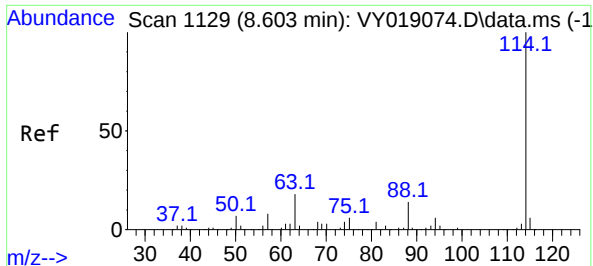
Tgt Ion:168 Resp: 14890
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.782 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Tgt Ion: 65 Resp: 4893
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6

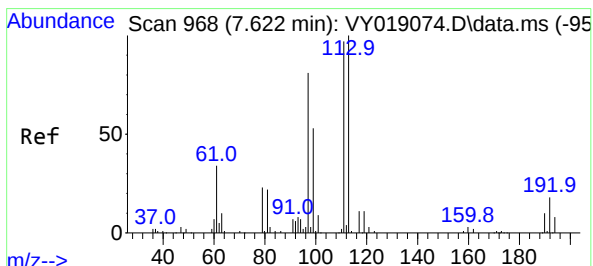
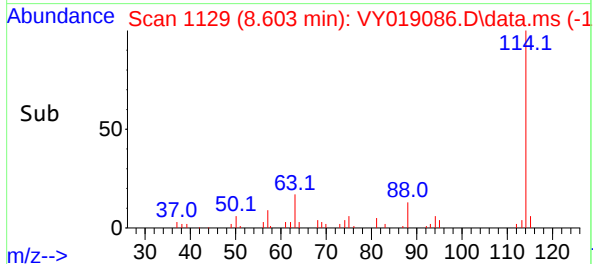
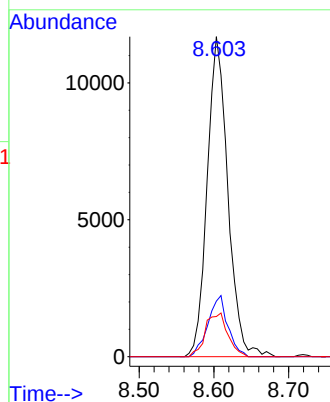
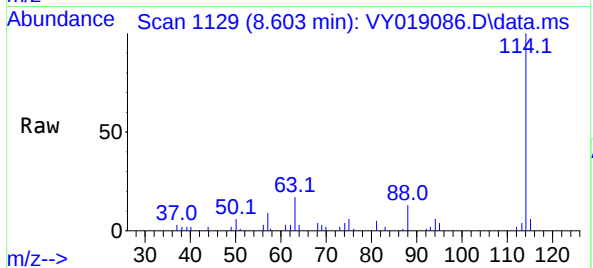




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

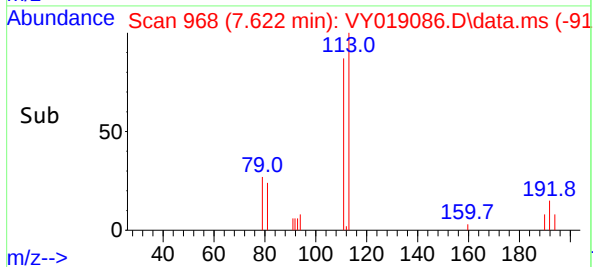
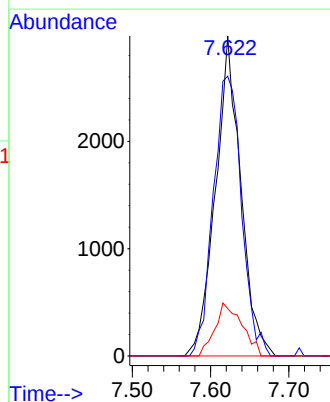
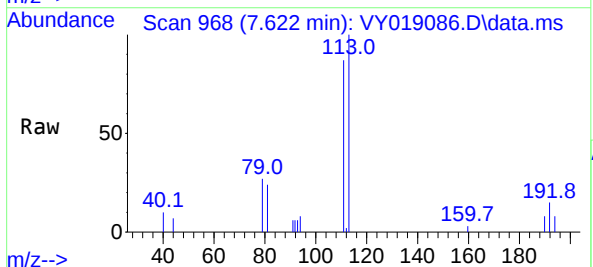
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-08142024RE

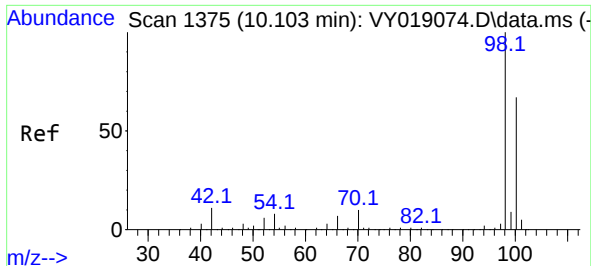
Tgt Ion:114 Resp: 22484
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 12.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.445 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Tgt Ion:113 Resp: 6681
Ion Ratio Lower Upper
113 100
111 97.7 82.2 123.4
192 17.7 15.9 23.9

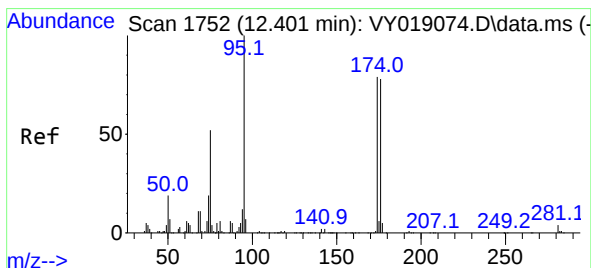
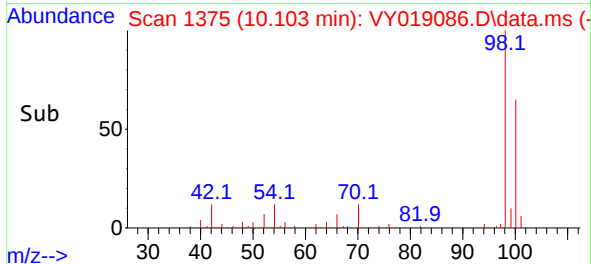
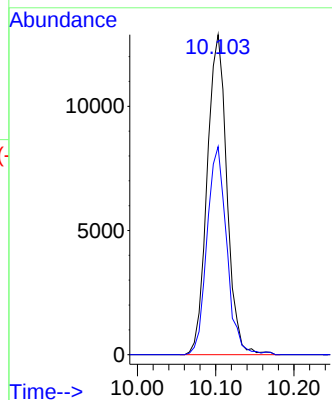
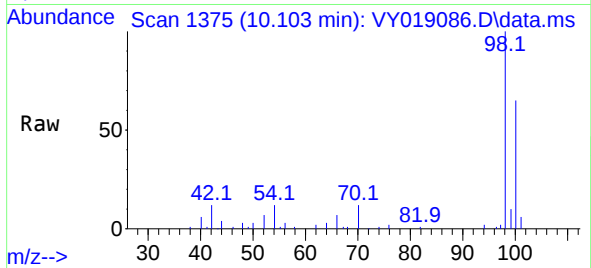




#50
Toluene-d8
Concen: 42.605 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

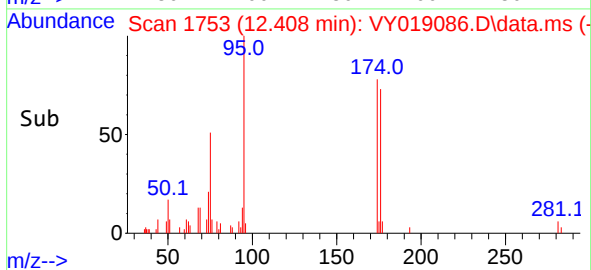
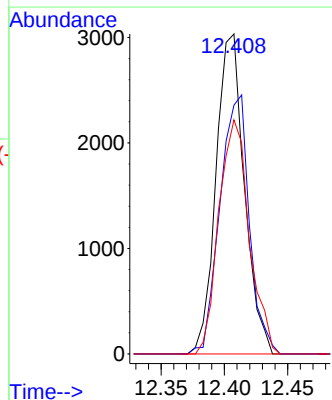
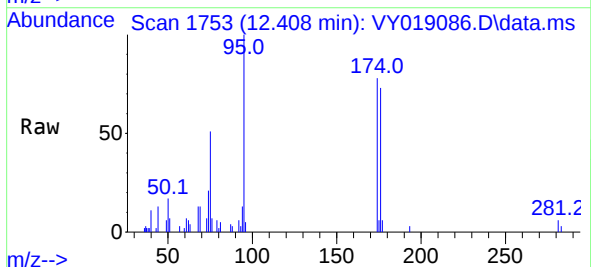
Instrument :
MSVOA_Y
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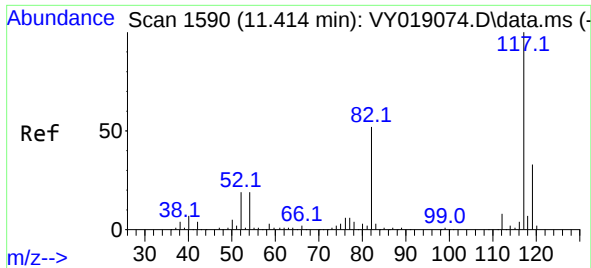
Tgt Ion: 98 Resp: 22540
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.210 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Tgt Ion: 95 Resp: 4727
Ion Ratio Lower Upper
95 100
174 83.7 0.0 175.6
176 78.5 0.0 171.4

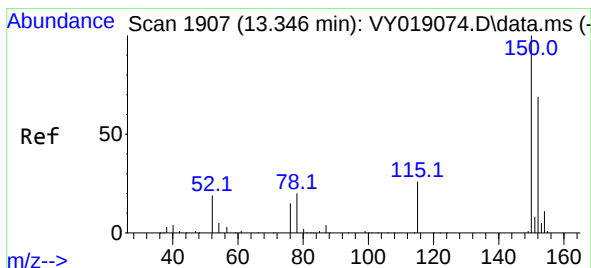
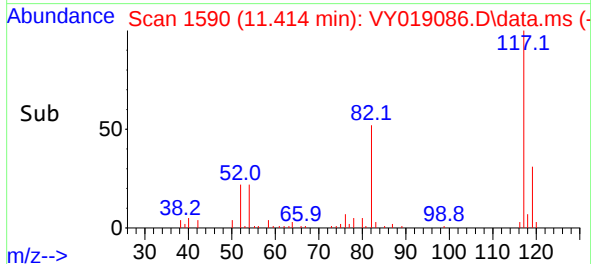
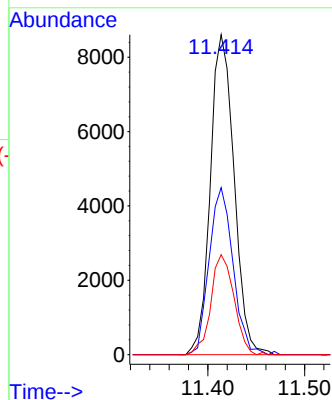
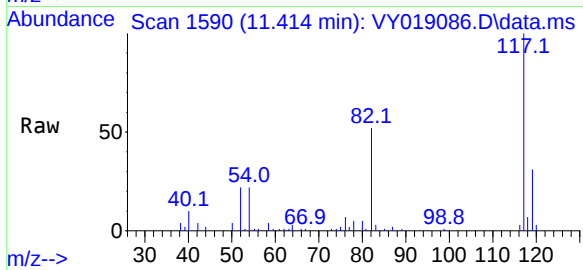




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-08142024RE

Tgt Ion:	117	Resp:	14699
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	31.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019086.D
Acq: 16 Aug 2024 12:08

Tgt Ion:	152	Resp:	3684
Ion	Ratio	Lower	Upper
152	100		
115	64.6	28.2	84.7
150	154.2	0.0	345.6

