

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019870.D
 Acq On : 11 Oct 2024 14:37
 Operator : SY/MD
 Sample : P4385-01
 Misc : 3.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Oct 14 01:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	262732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	539484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	489774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	182418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	181065	55.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.634	113	175949	49.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.103	98	661208	50.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.401	95	203716	42.885	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.780%

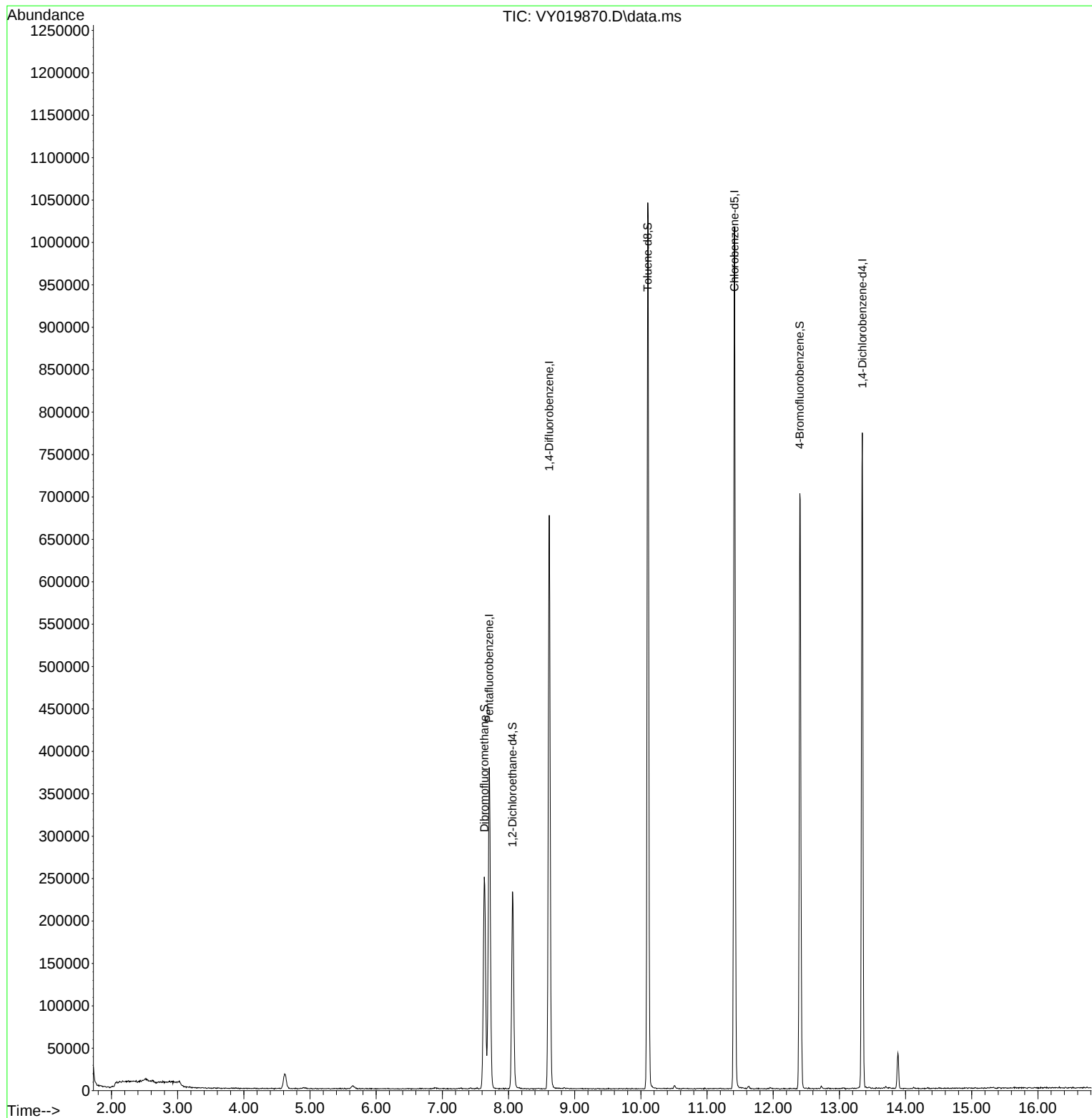
Target Compounds	Qvalue

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

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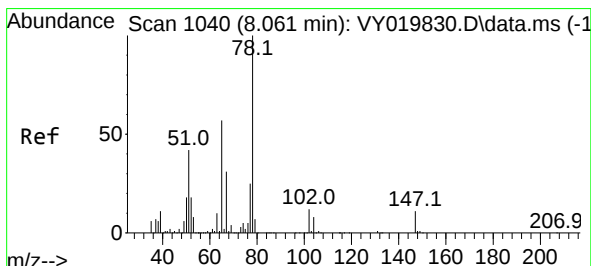
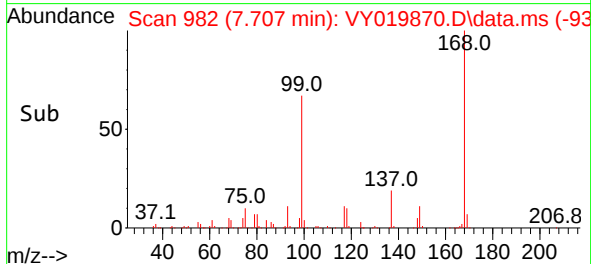
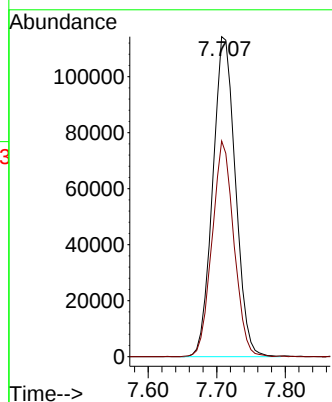
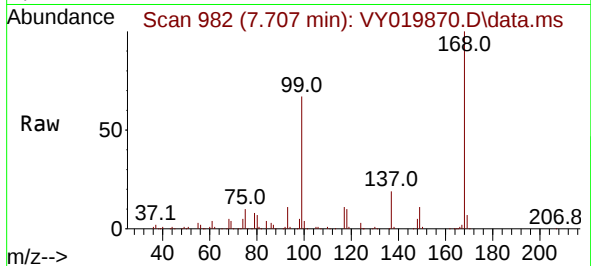




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

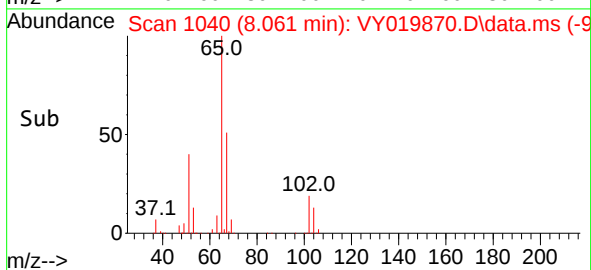
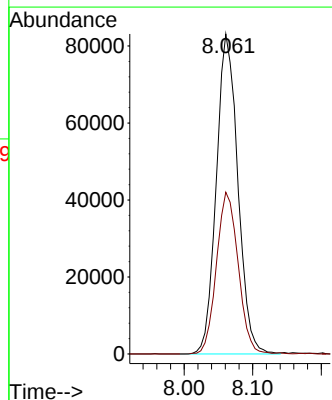
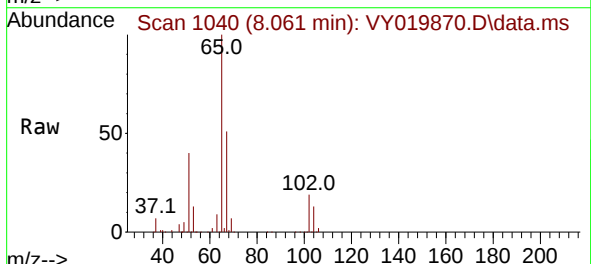
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:168 Resp: 262732
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.971 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion: 65 Resp: 181065
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6

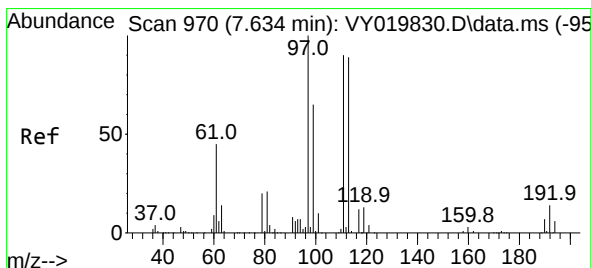
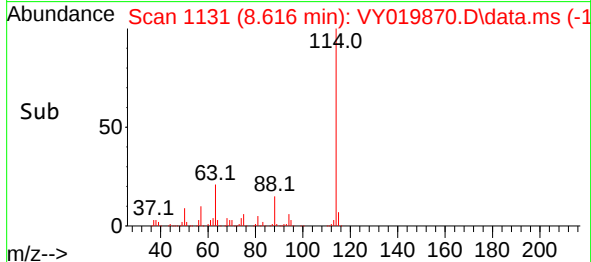
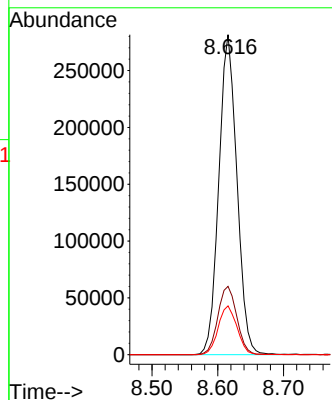
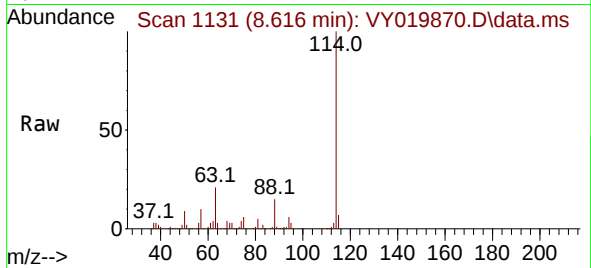




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

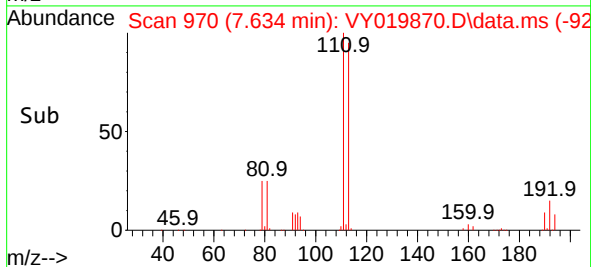
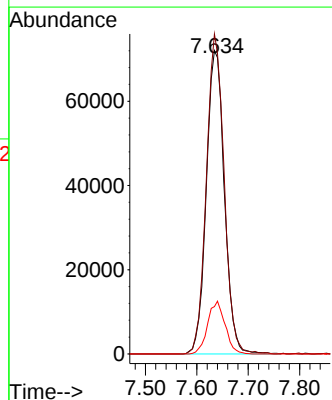
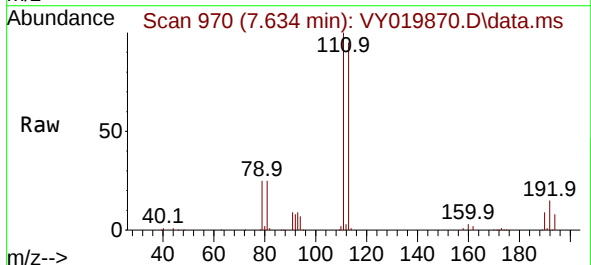
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

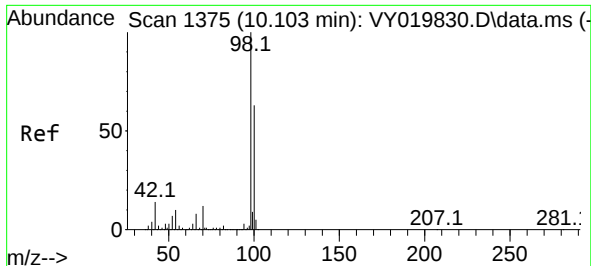
Tgt Ion:114 Resp: 539484
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion:113 Resp: 175949
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 16.8 15.9 23.9

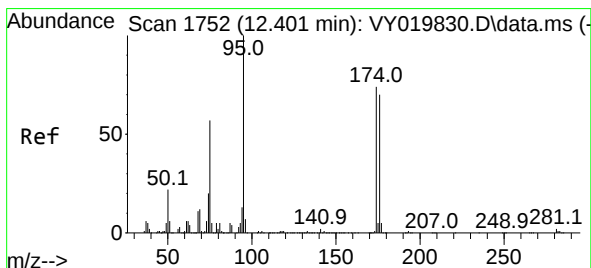
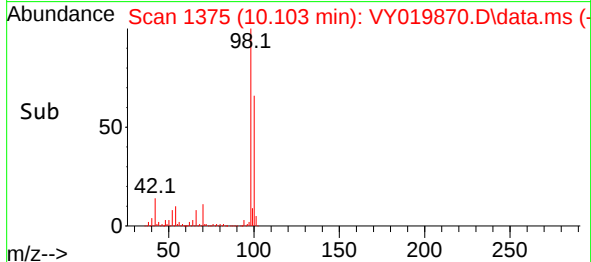
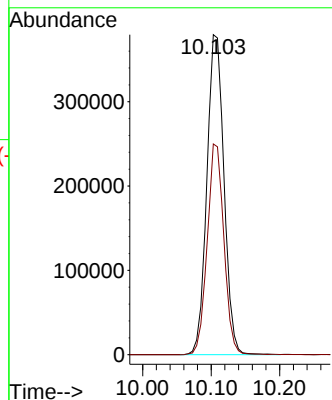
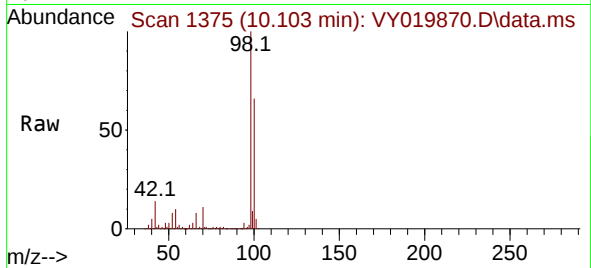




#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

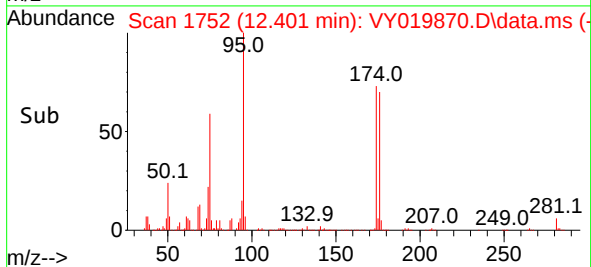
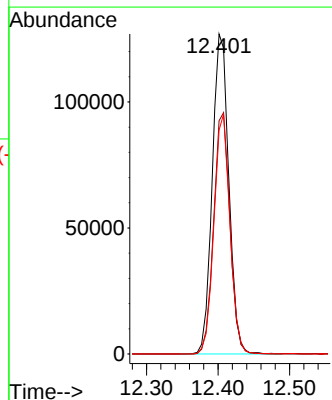
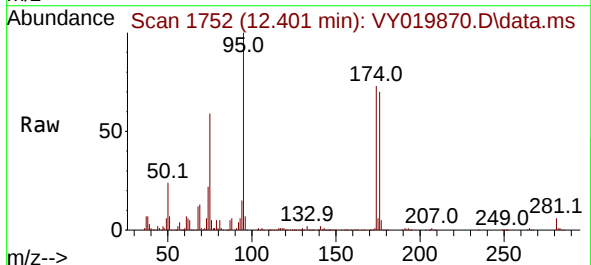
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

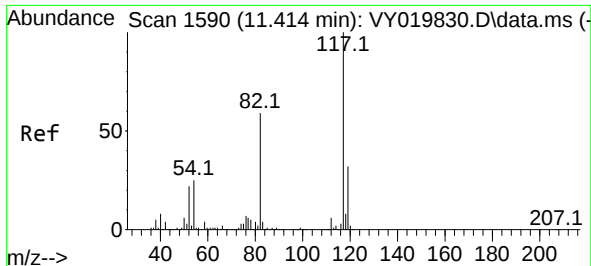
Tgt Ion: 98 Resp: 661208
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.885 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion: 95 Resp: 203716
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 72.3 0.0 171.4

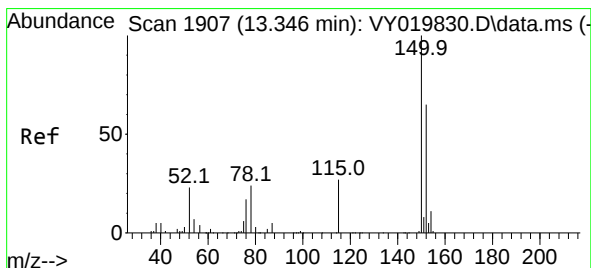
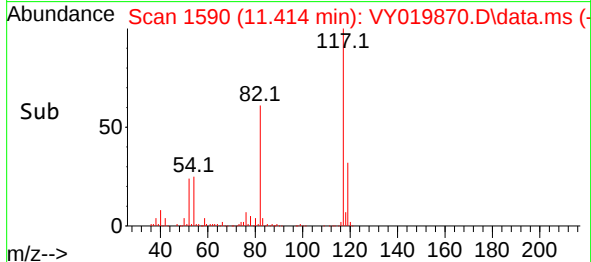
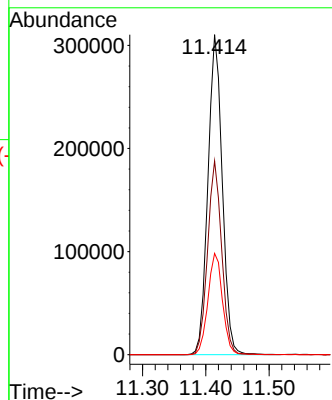
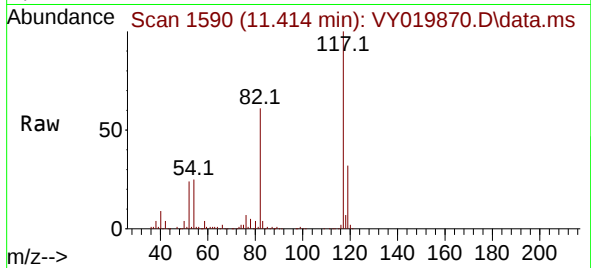




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 489774
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion:152 Resp: 182418
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 154.5 0.0 345.6

