

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021442.D
 Acq On : 06 Mar 2025 18:09
 Operator : SY/MD
 Sample : Q1463-05
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5

Quant Time: Mar 07 00:42:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	418613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143010	59.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.540%
35) Dibromofluoromethane	7.634	113	142977	51.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.103	98	506571	48.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.408	95	148435	41.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.760%

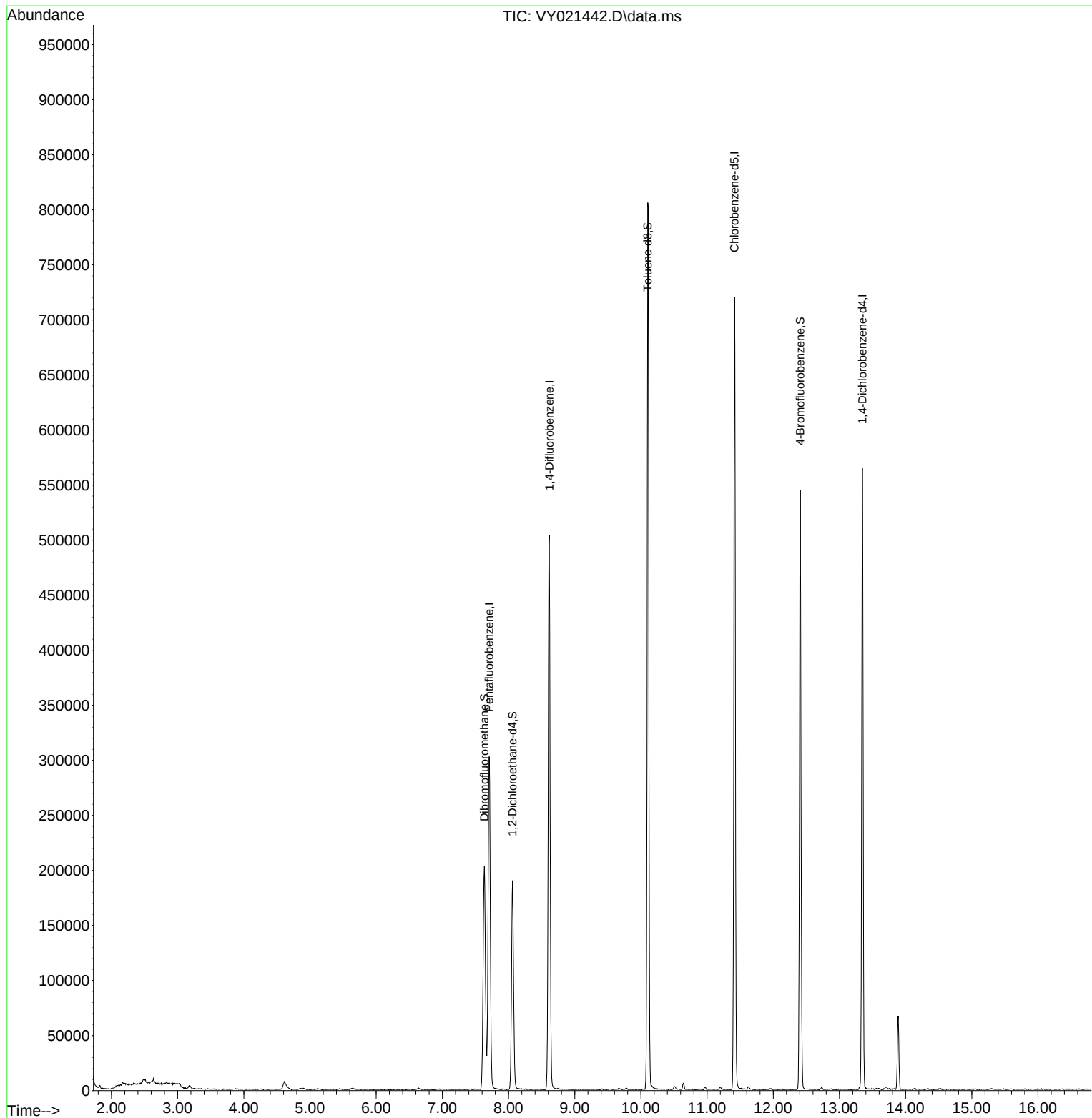
Target Compounds	Qvalue

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

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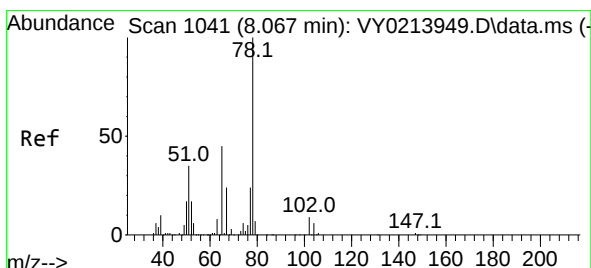
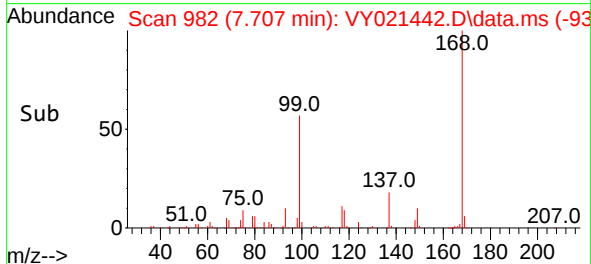
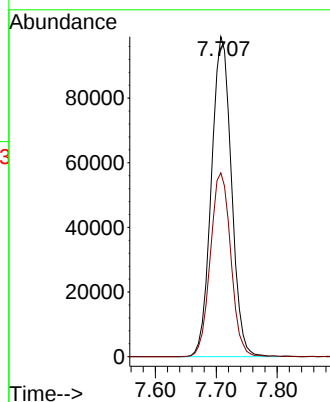
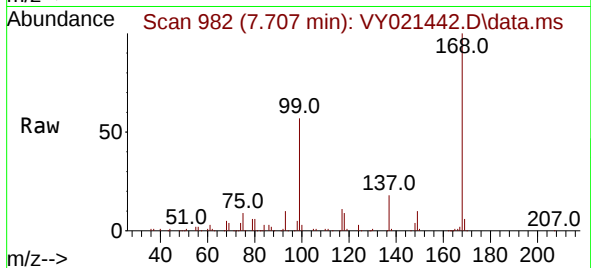




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

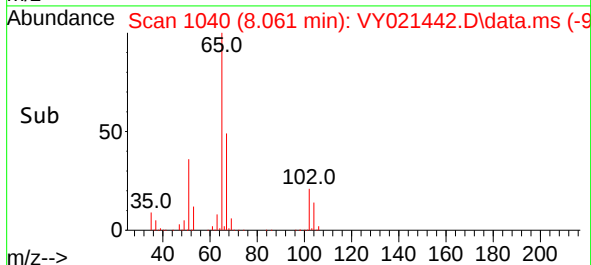
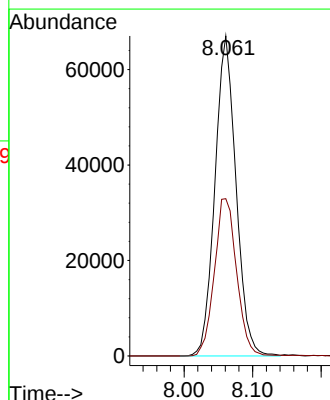
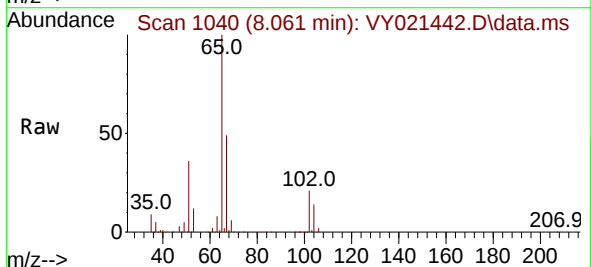
Instrument :
MSVOA_Y
ClientSampleId :
T5

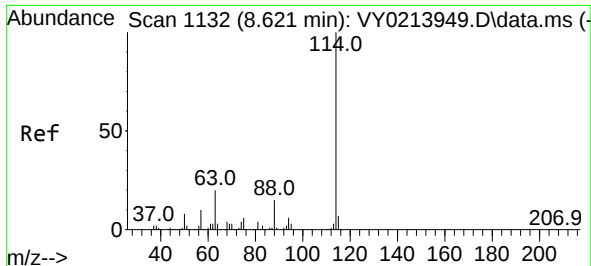
Tgt Ion:168 Resp: 226372
Ion Ratio Lower Upper
168 100
99 57.4 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 59.771 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion: 65 Resp: 143010
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

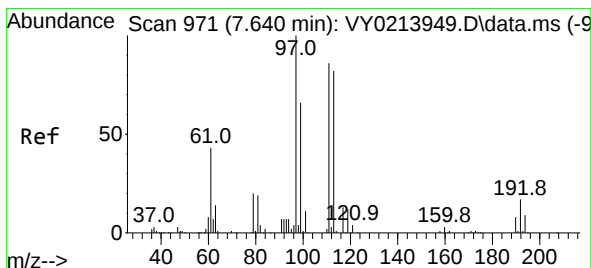
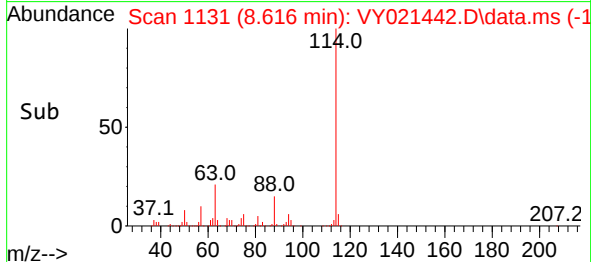
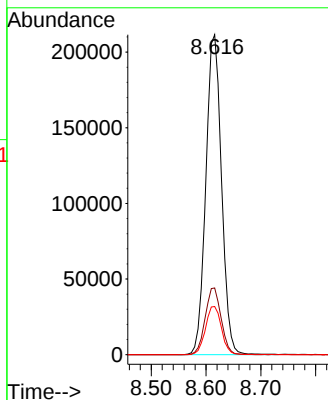
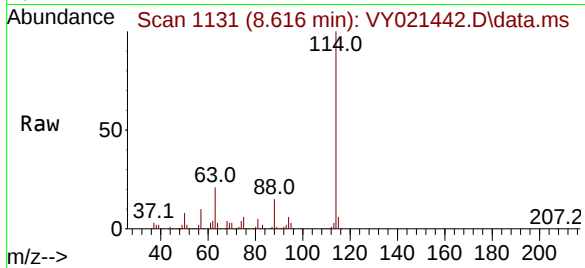




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

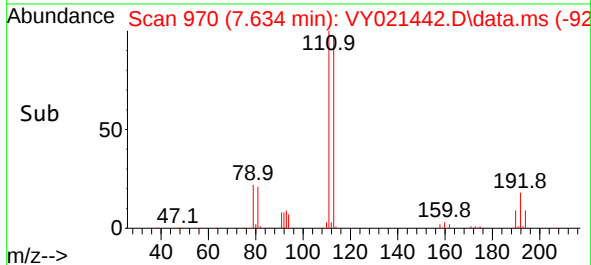
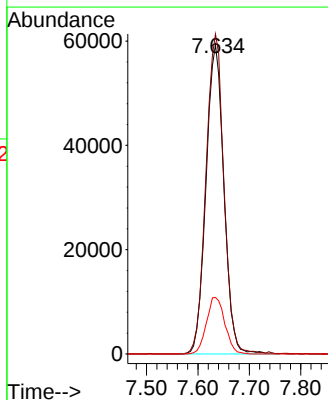
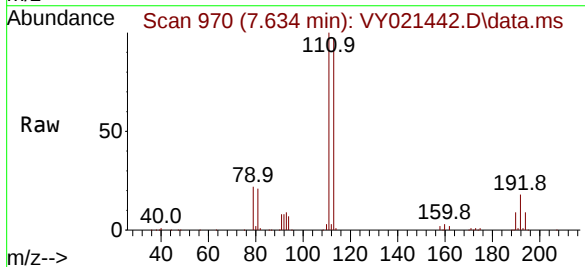
Instrument :
MSVOA_Y
ClientSampleId :
T5

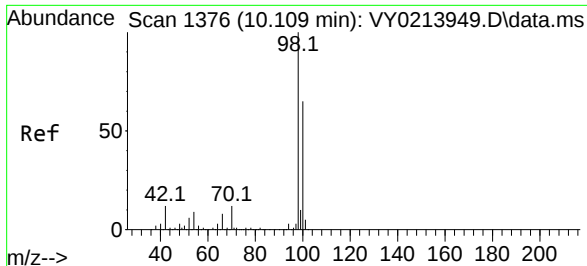
Tgt Ion:114	Resp: 418613
Ion Ratio	Lower Upper
114 100	
63 20.9	0.0 40.8
88 15.0	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.961 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion:113	Resp: 142977
Ion Ratio	Lower Upper
113 100	
111 104.1	82.0 123.0
192 18.8	15.9 23.9

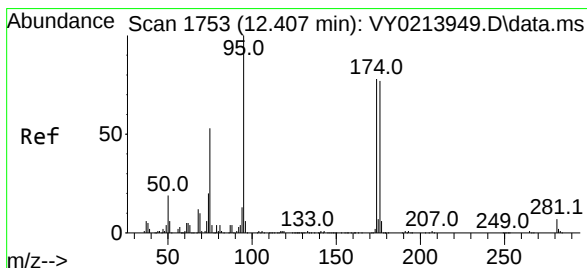
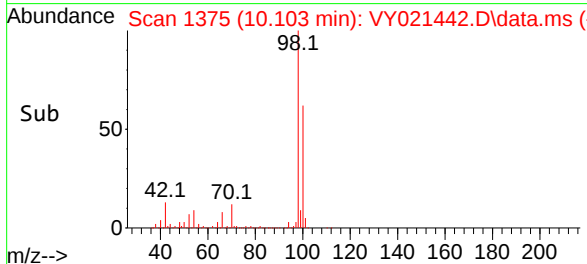
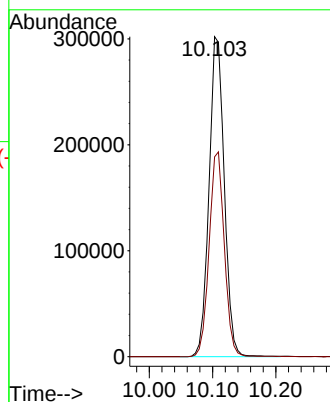
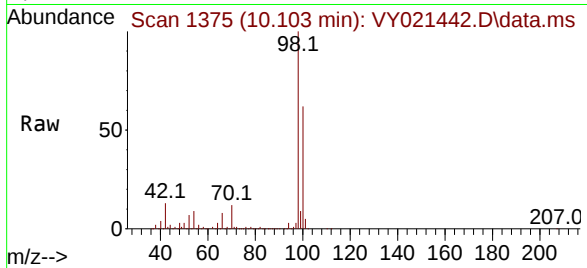




#50
Toluene-d8
Concen: 48.622 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

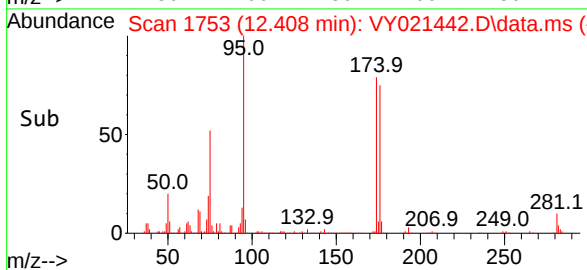
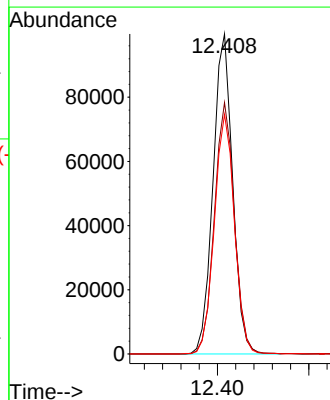
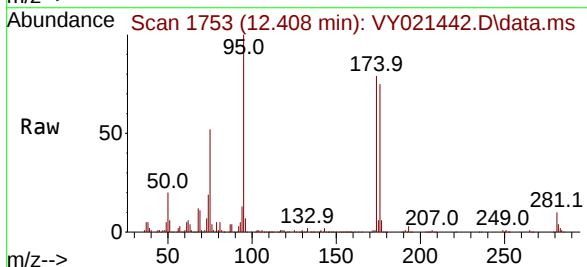
Instrument :
MSVOA_Y
ClientSampleId :
T5

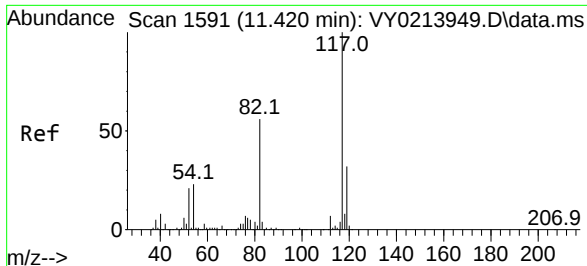
Tgt Ion: 98 Resp: 506571
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.884 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion: 95 Resp: 148435
Ion Ratio Lower Upper
95 100
174 80.3 0.0 165.0
176 76.7 0.0 160.0

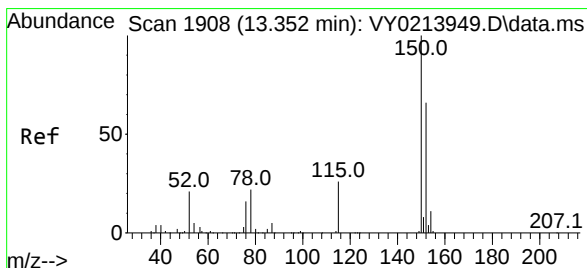
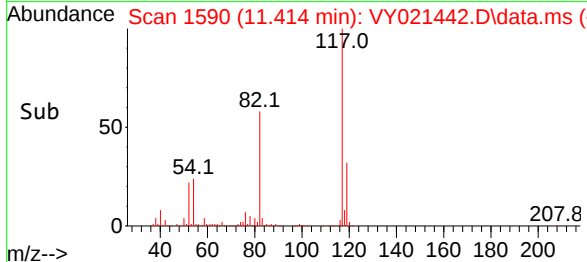
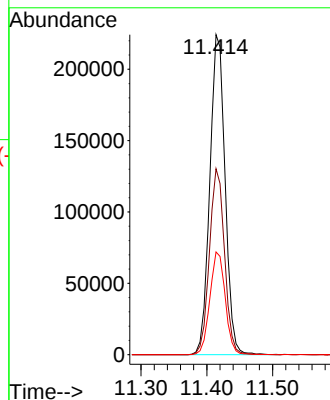
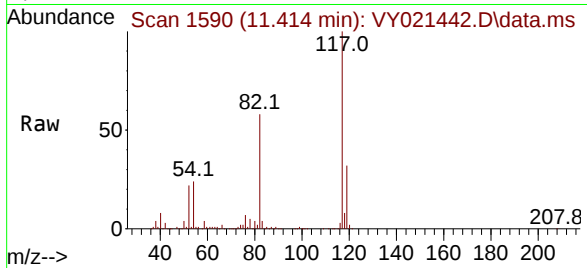




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:117 Resp: 362578
Ion Ratio Lower Upper
117 100
82 58.1 44.6 67.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion:152 Resp: 131867
Ion Ratio Lower Upper
152 100
115 59.4 29.0 87.0
150 155.6 0.0 347.2

