

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021506.D
 Acq On : 12 Mar 2025 13:59
 Operator : SY/MD
 Sample : Q1547-02
 Misc : 5.12g/5.2mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-620-JB-VOC-01

Quant Time: Mar 13 01:37:12 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	248817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	466306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	424927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164008	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.720%
35) Dibromofluoromethane	7.634	113	160831	52.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.103	98	570815	49.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.408	95	178560	45.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.460%

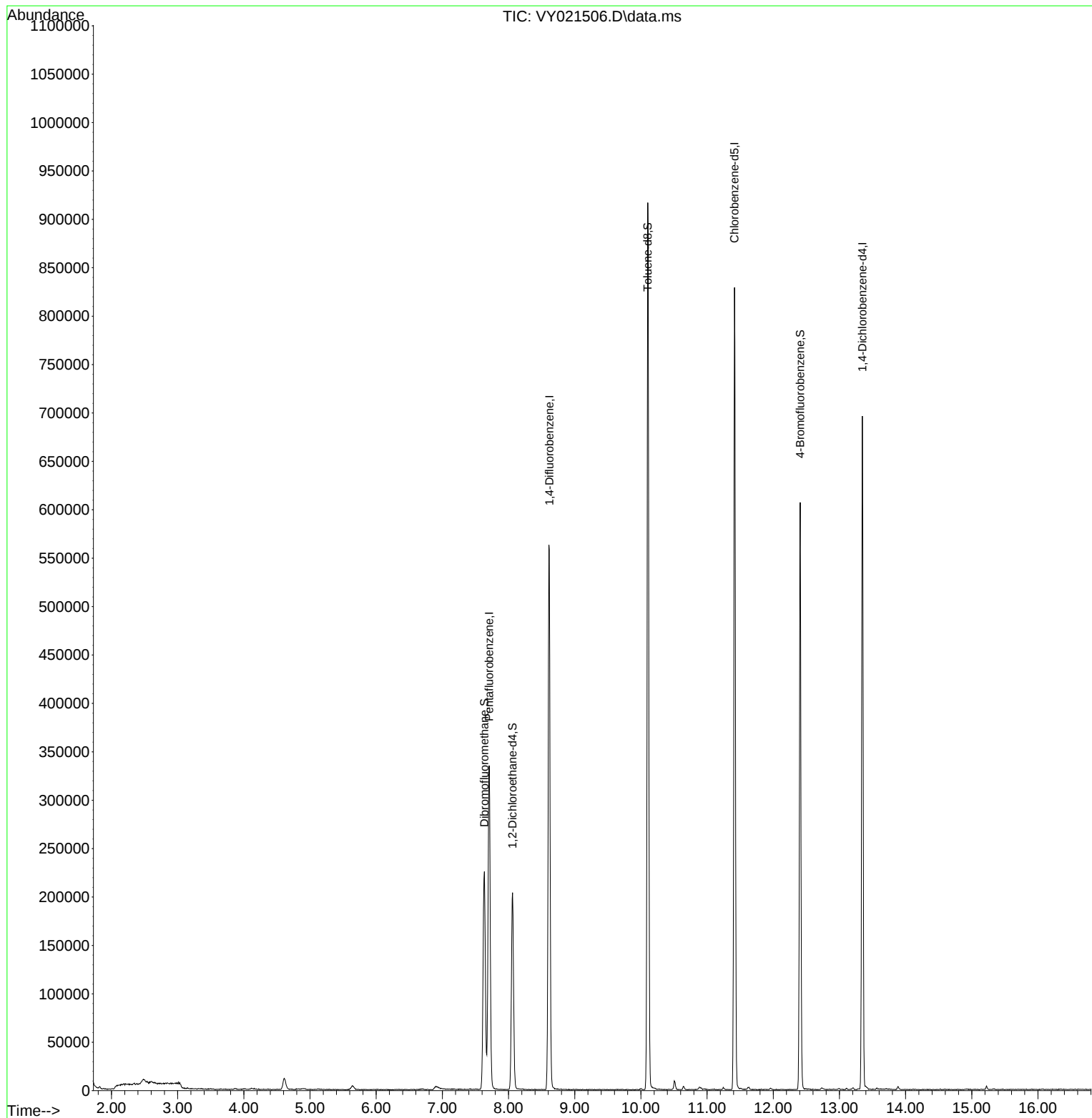
Target Compounds	Qvalue

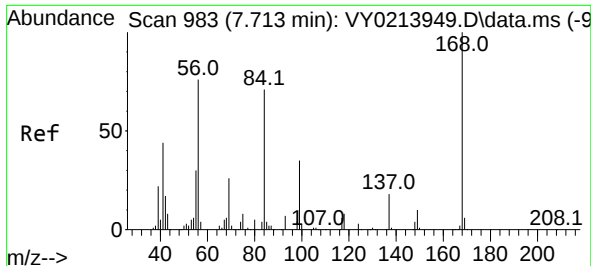
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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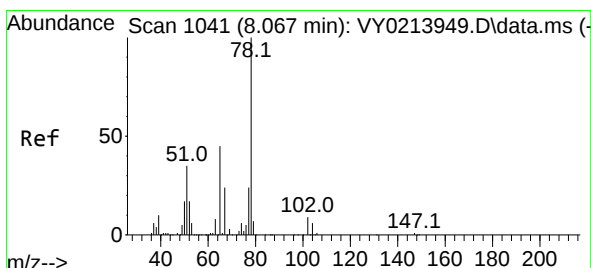
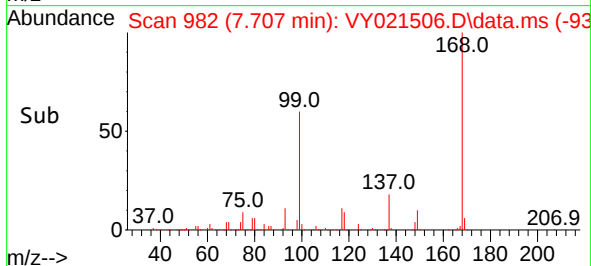
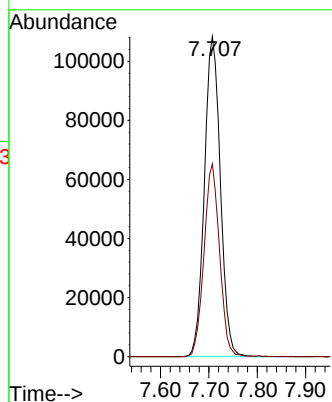
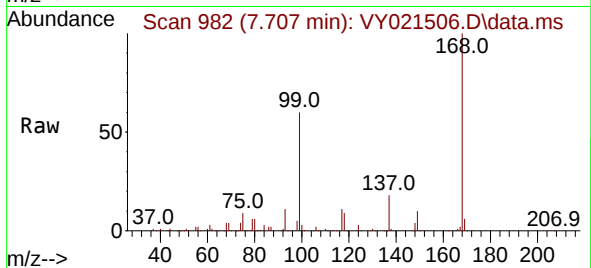




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

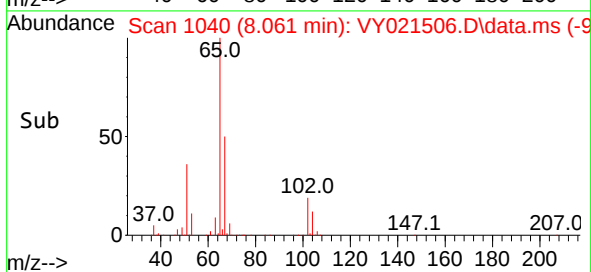
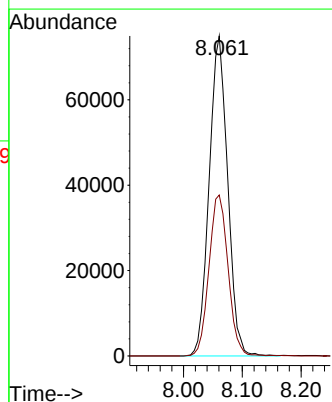
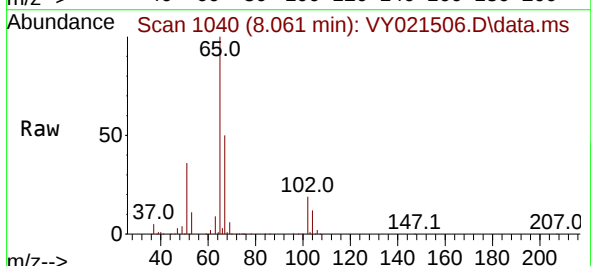
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01

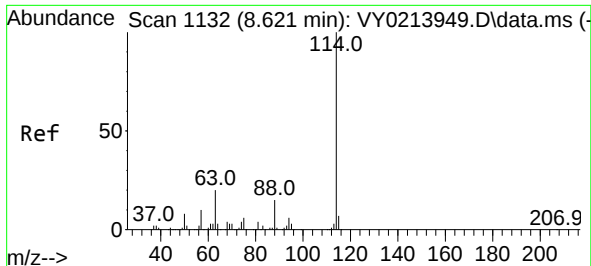
Tgt Ion:168 Resp: 248817
Ion Ratio Lower Upper
168 100
99 60.2 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 62.364 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 65 Resp: 164008
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

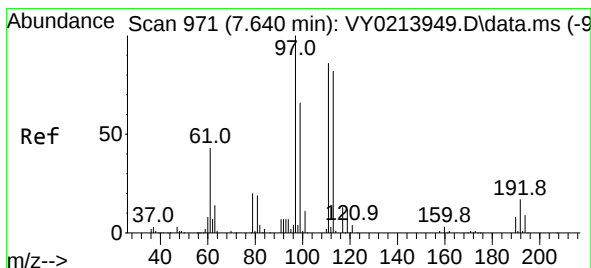
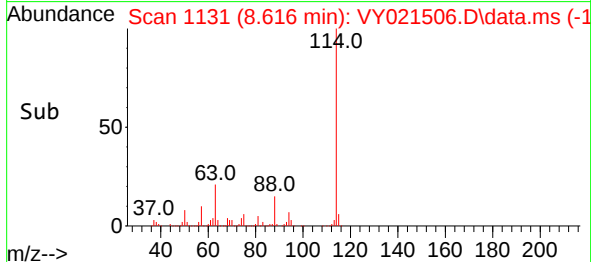
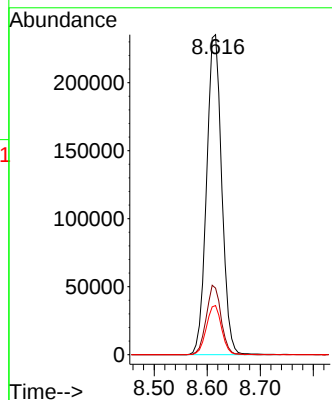
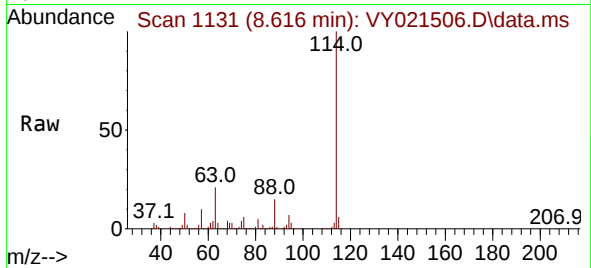




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

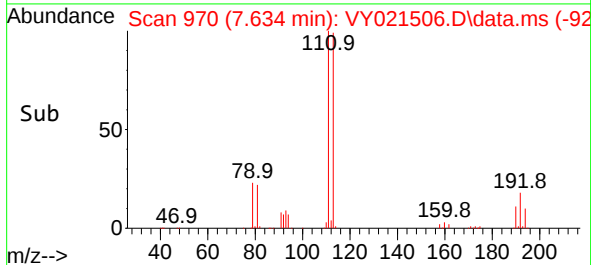
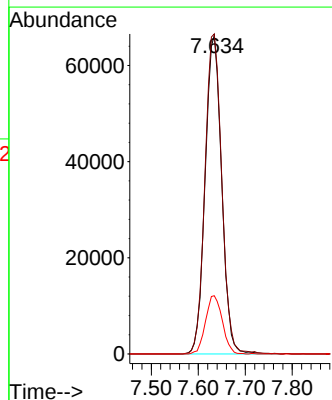
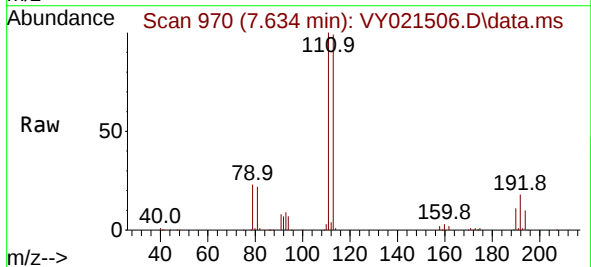
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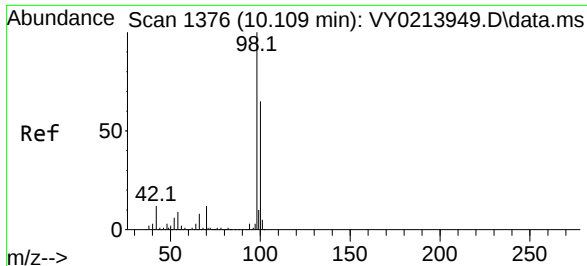
Tgt Ion:114 Resp: 466306
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.472 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion:113 Resp: 160831
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.7 15.9 23.9

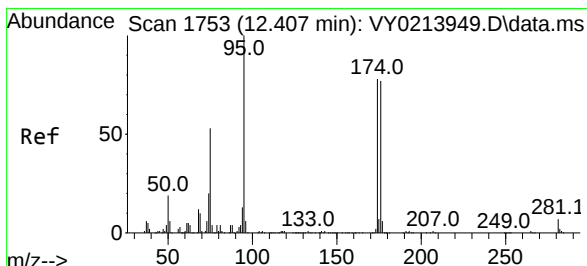
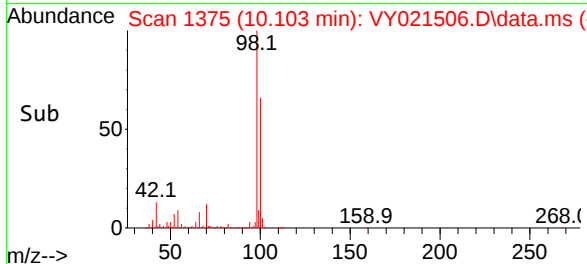
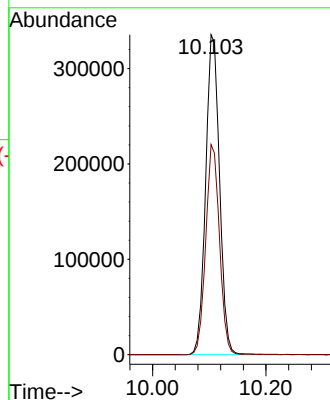
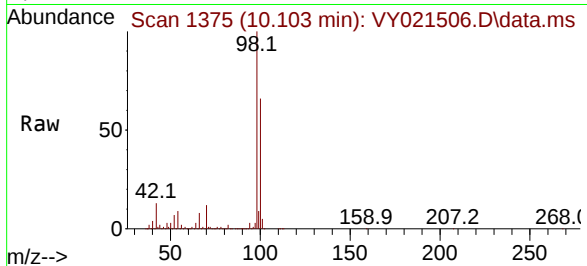




#50
Toluene-d8
Concen: 49.185 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

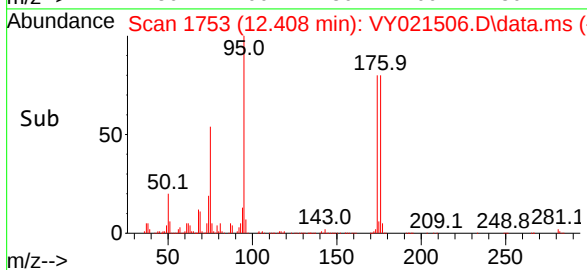
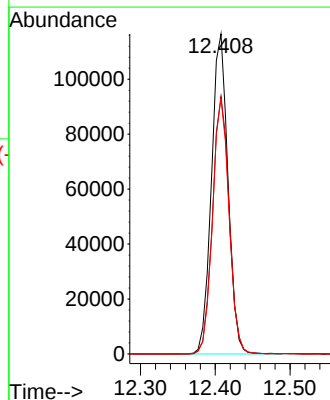
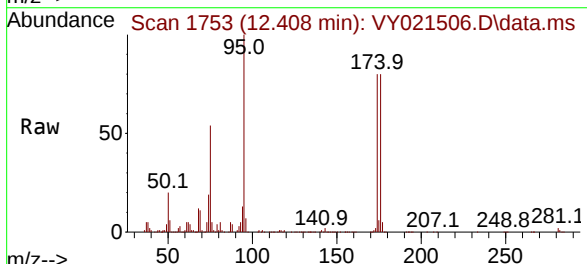
Instrument :
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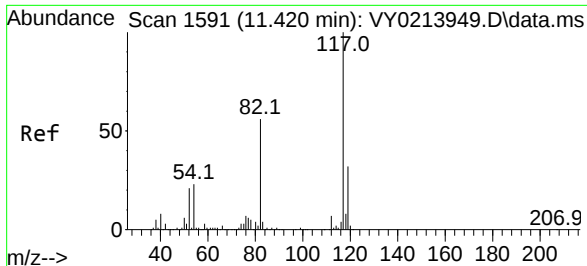
Tgt Ion: 98 Resp: 570815
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion: 95 Resp: 178560
Ion Ratio Lower Upper
95 100
174 81.4 0.0 165.0
176 79.4 0.0 160.0

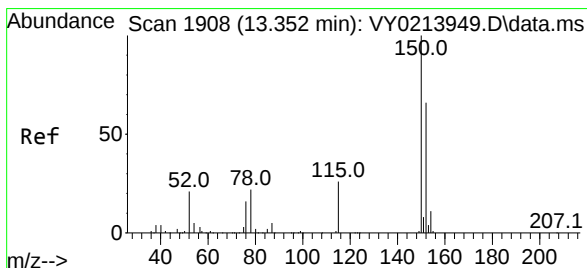
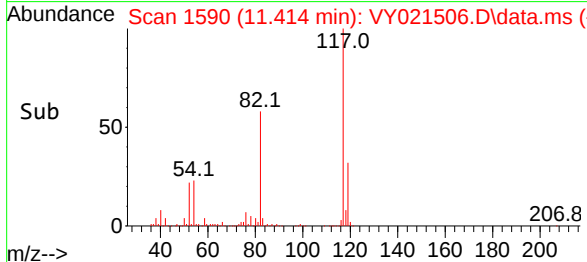
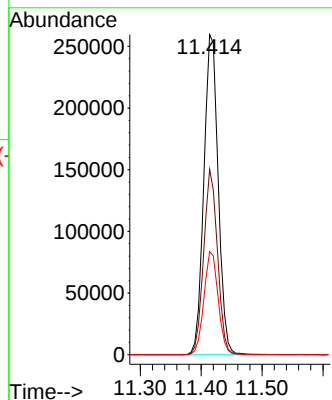
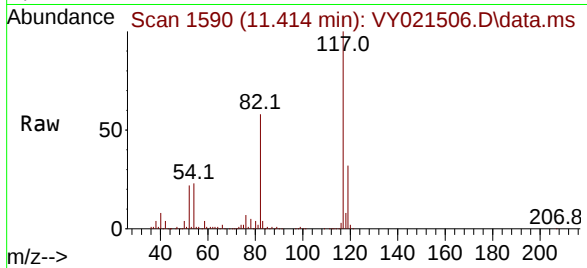




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-VOC-01

Tgt Ion:117 Resp: 424927
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021506.D
Acq: 12 Mar 2025 13:59

Tgt Ion:152 Resp: 166702
Ion Ratio Lower Upper
152 100
115 59.2 29.0 87.0
150 156.6 0.0 347.2

