

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021496.D
 Acq On : 11 Mar 2025 19:02
 Operator : SY/MD
 Sample : Q1534-14
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-363-VOC-18

Quant Time: Mar 12 01:26:33 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	228282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	439975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	400173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	148576	61.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.160%
35) Dibromofluoromethane	7.634	113	152956	52.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.109	98	537450	49.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.407	95	163936	44.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.020%

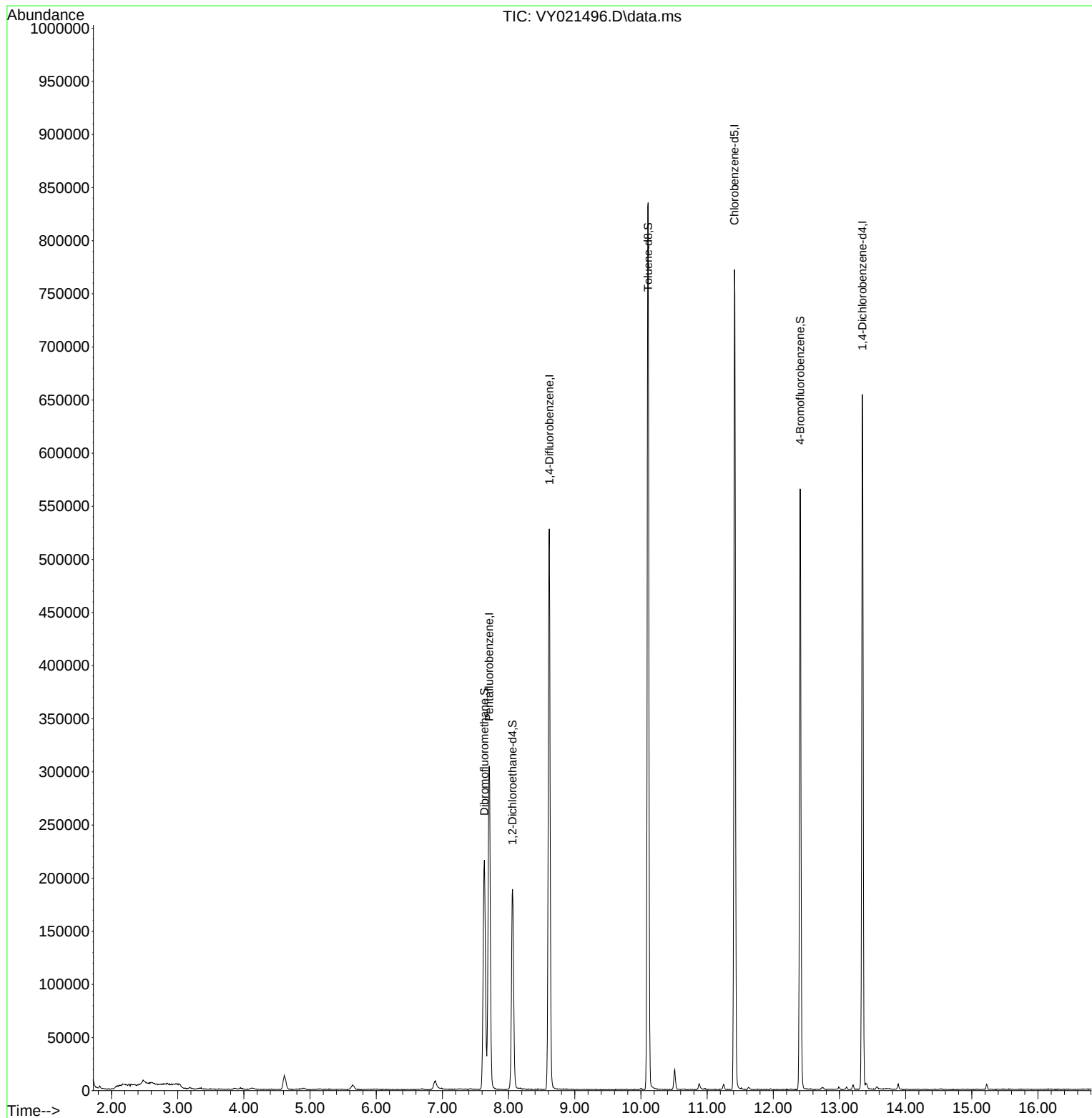
Target Compounds	Qvalue

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

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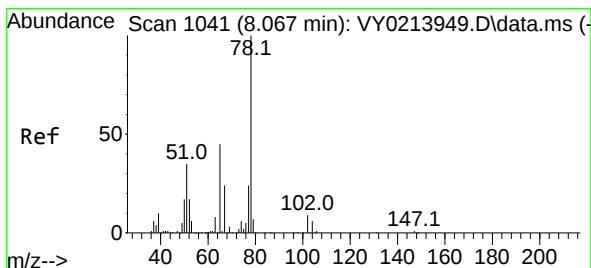
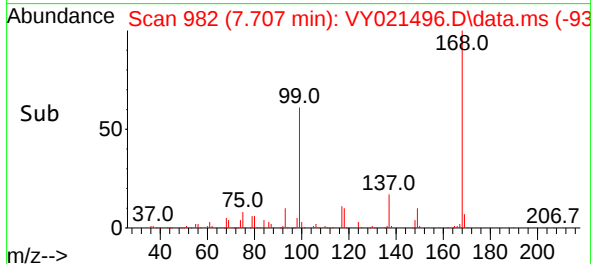
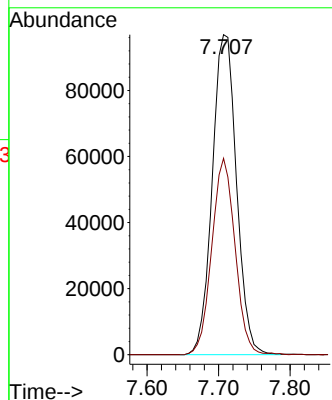
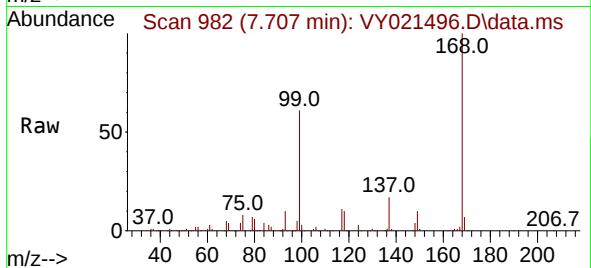




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

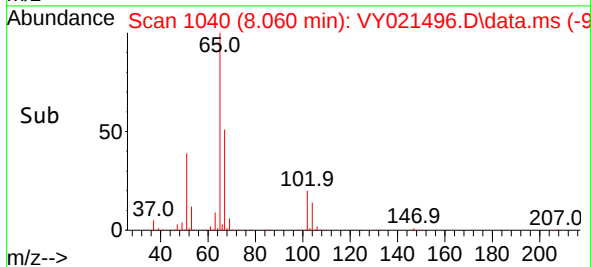
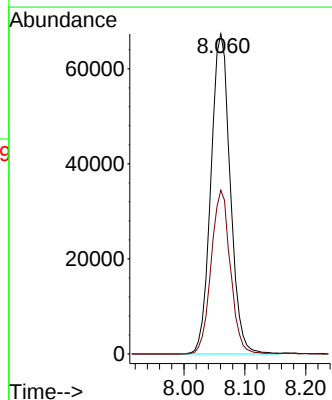
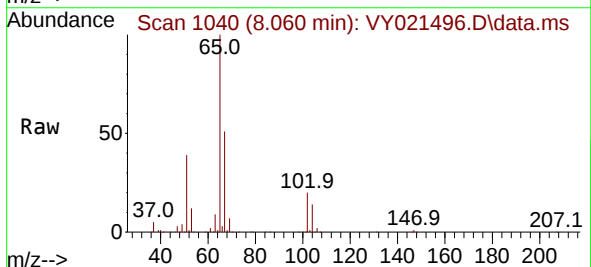
Instrument :
MSVOA_Y
ClientSampleId :
OR-363-VOC-18

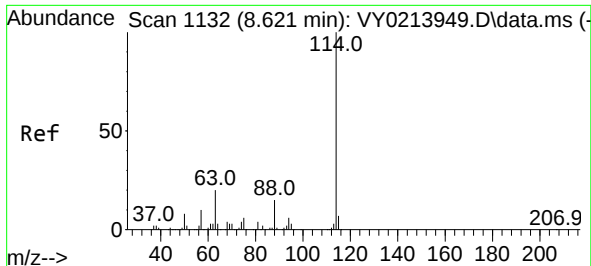
Tgt Ion:168 Resp: 228282
Ion Ratio Lower Upper
168 100
99 61.3 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 61.578 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 65 Resp: 148576
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.8

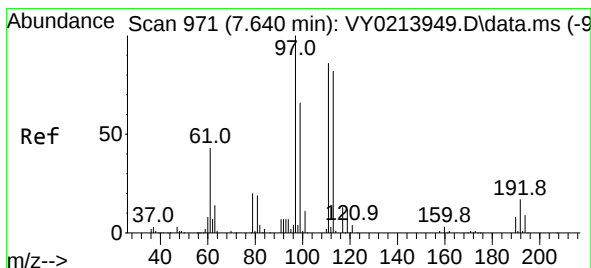
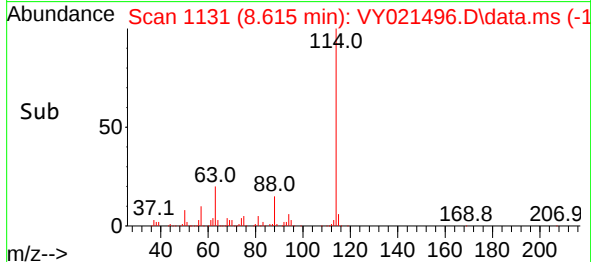
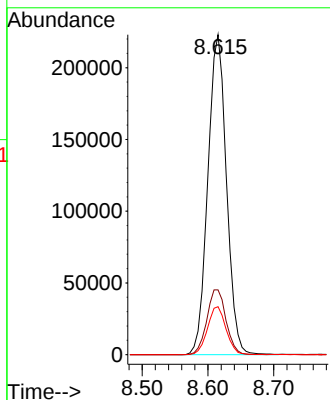
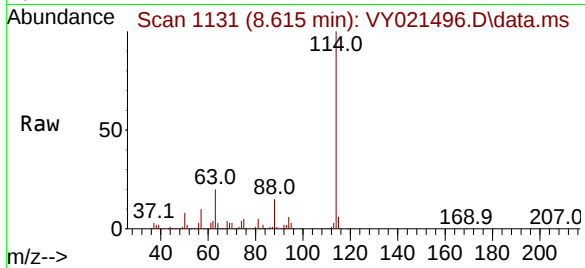




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

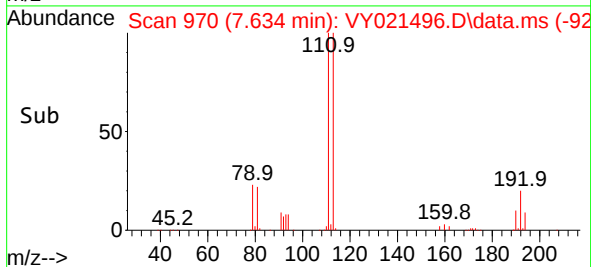
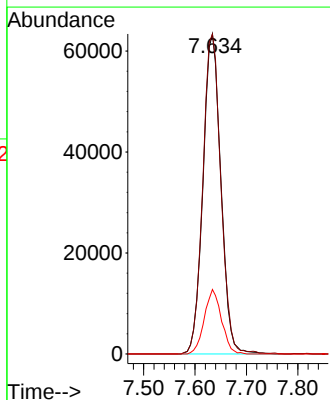
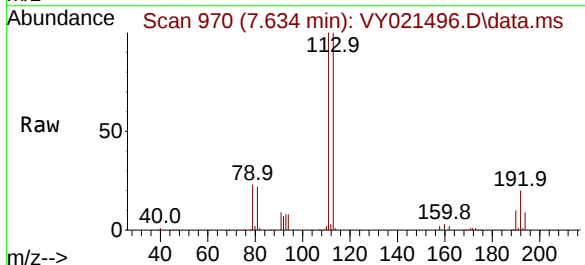
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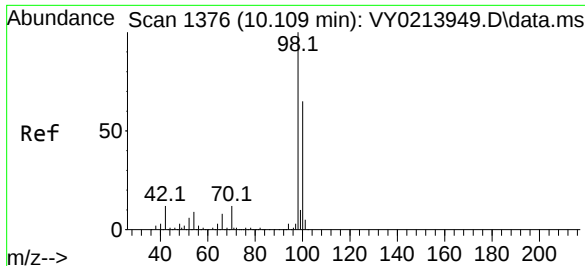
Tgt Ion:114 Resp: 439975
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.889 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

Tgt Ion:113 Resp: 152956
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 19.4 15.9 23.9

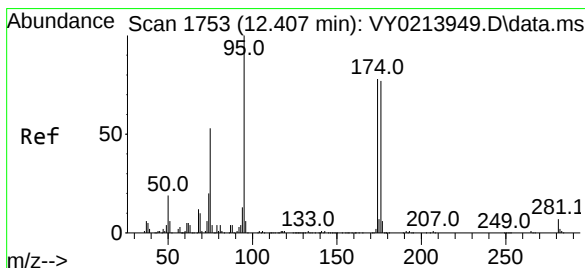
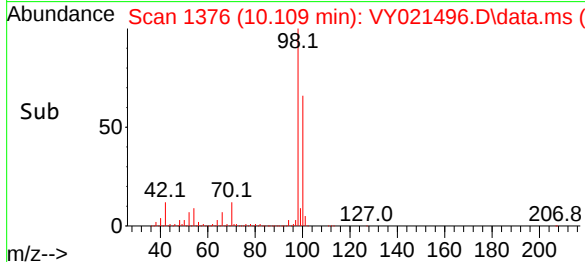
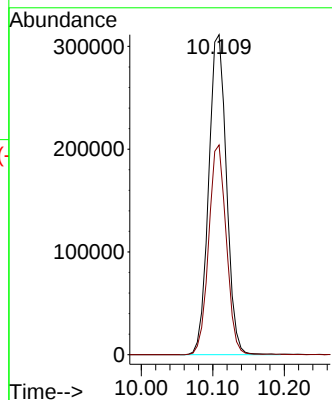
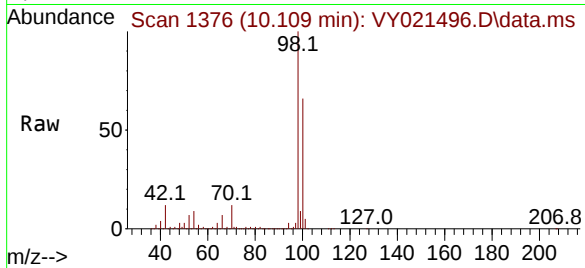




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

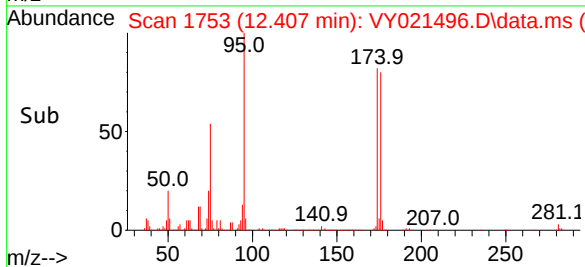
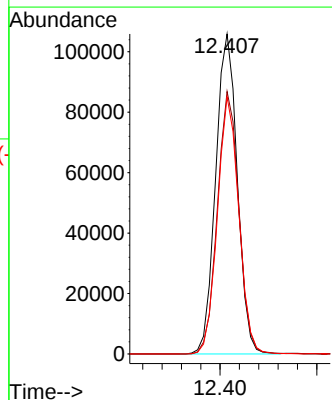
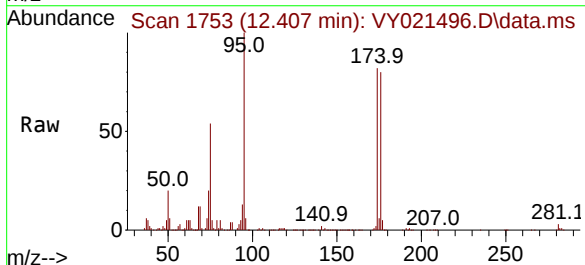
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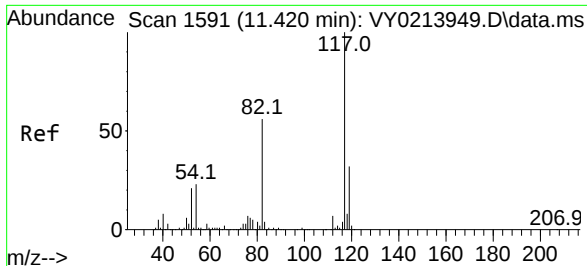
Tgt Ion: 98 Resp: 537450
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.012 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

Tgt Ion: 95 Resp: 163936
Ion Ratio Lower Upper
95 100
174 81.5 0.0 165.0
176 79.3 0.0 160.0

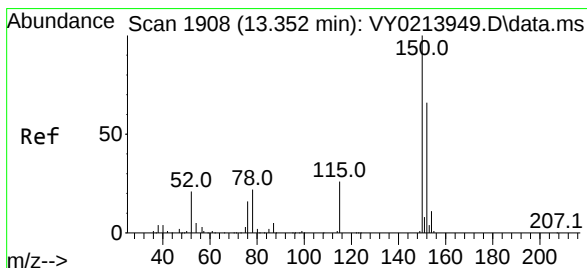
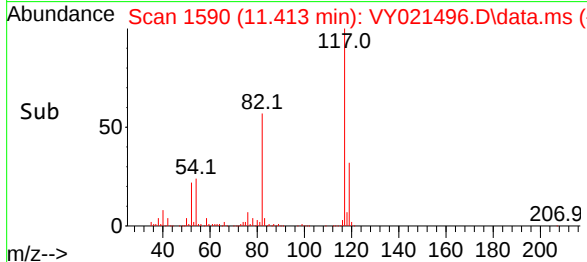
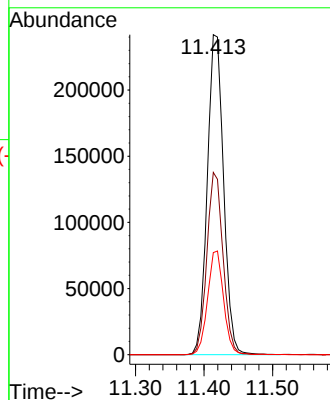
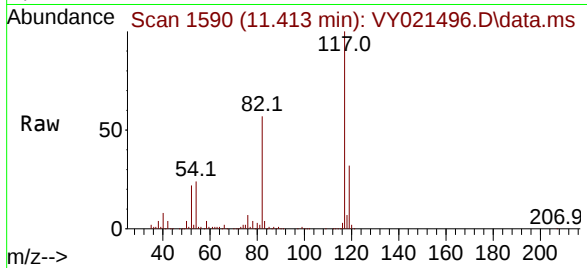




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021496.D
Acq: 11 Mar 2025 19:02

Instrument :
MSVOA_Y
ClientSampleId :
OR-363-VOC-18

Tgt Ion:117 Resp: 400173
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.9 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: VY021496.D
Acq: 11 Mar 2025 19:02

Tgt Ion:152 Resp: 155761
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 156.5 0.0 347.2

