

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021632.D
 Acq On : 25 Mar 2025 13:49
 Operator : SY/MD
 Sample : Q1636-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Mar 26 01:36:20 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	42364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	68429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	58410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	18824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26826	59.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.820%
35) Dibromofluoromethane	7.634	113	26557	59.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.080%
50) Toluene-d8	10.109	98	80291	47.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.407	95	20147	34.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.560%

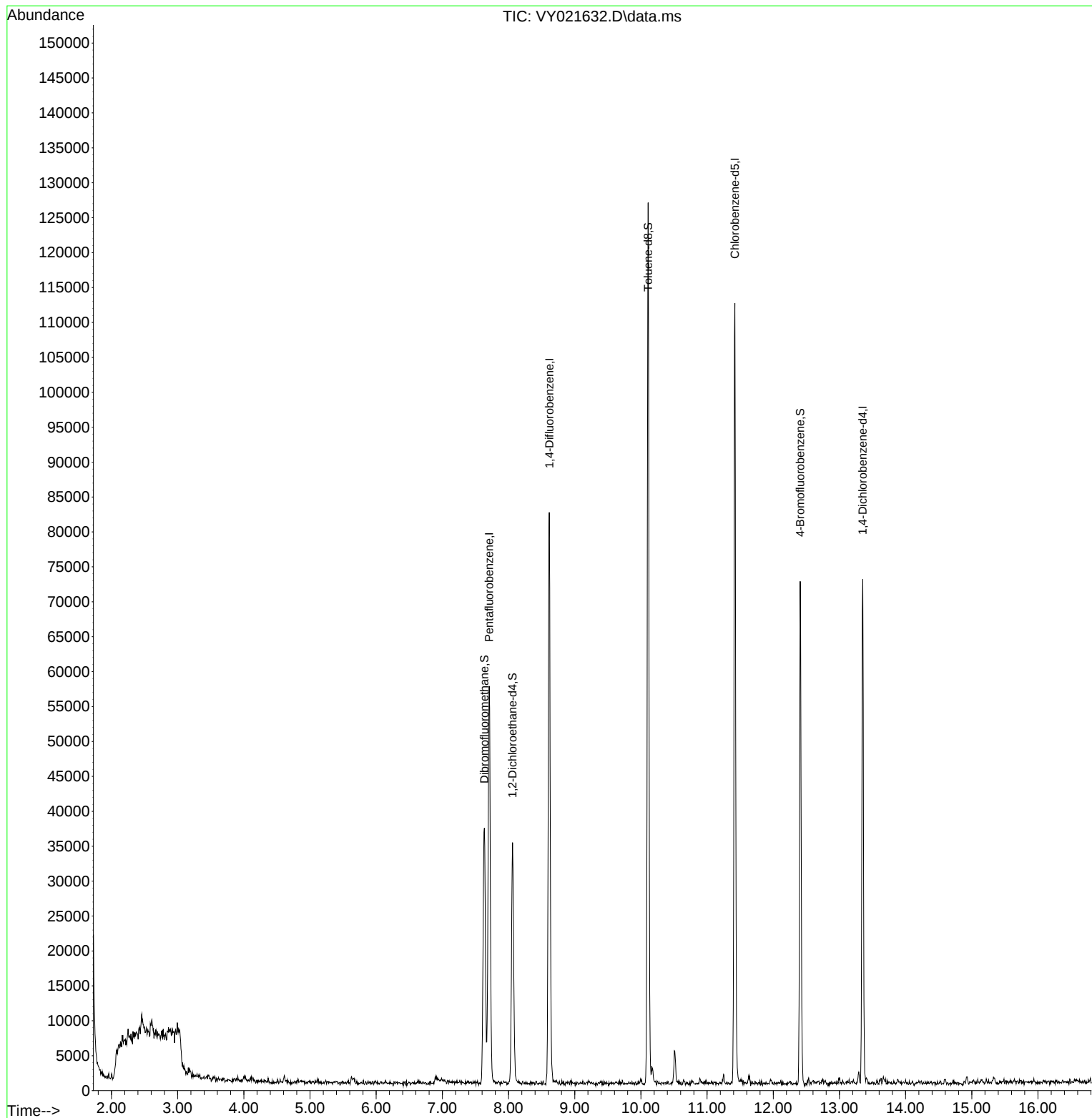
Target Compounds	Qvalue

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

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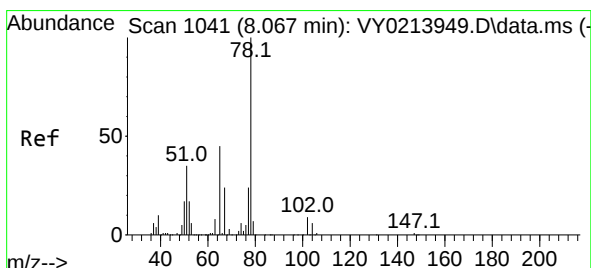
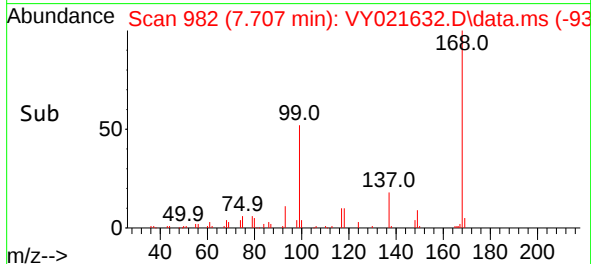
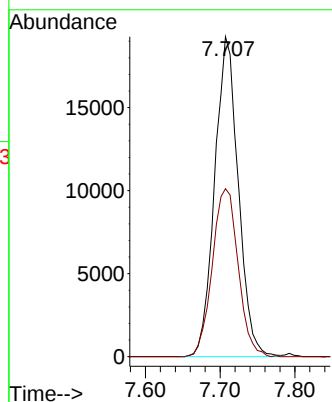
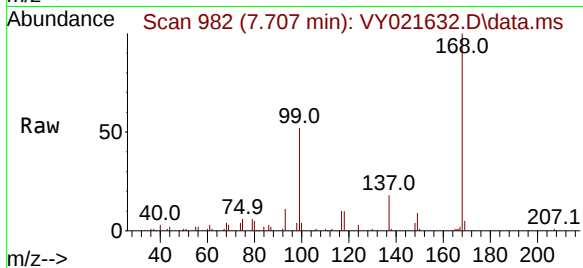




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

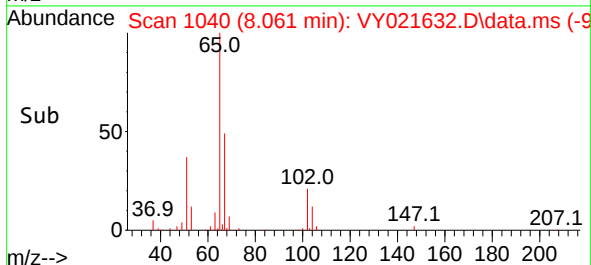
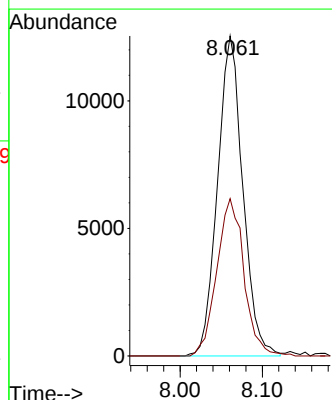
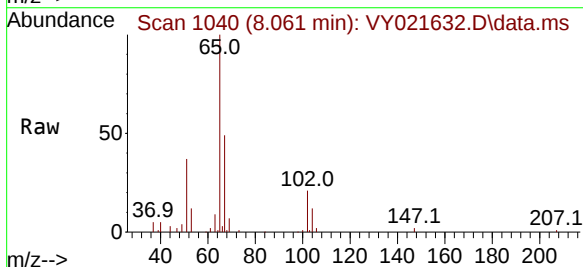
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

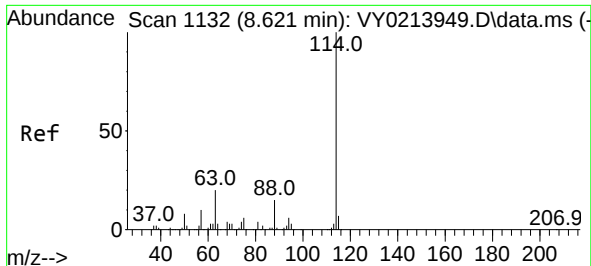
Tgt Ion:168 Resp: 42364
Ion Ratio Lower Upper
168 100
99 52.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 59.911 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

Tgt Ion: 65 Resp: 26826
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.8

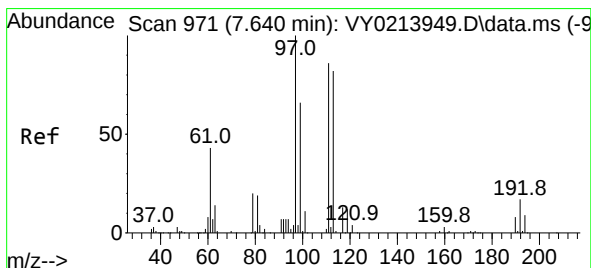
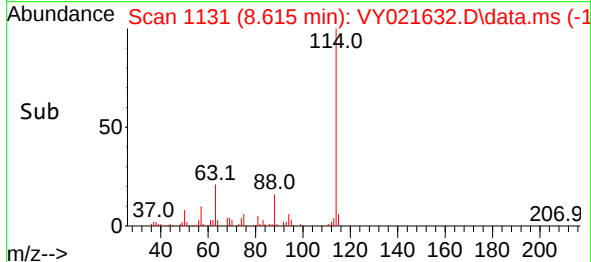
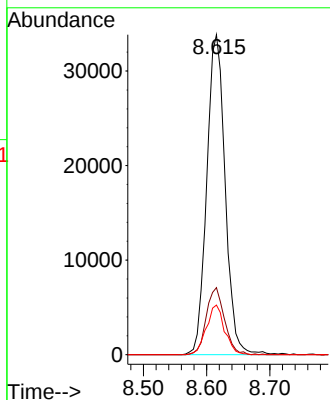
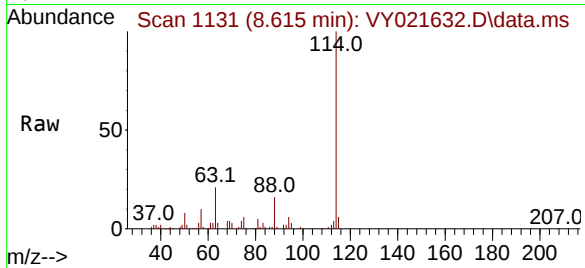




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

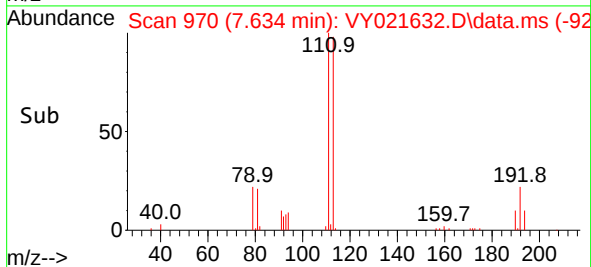
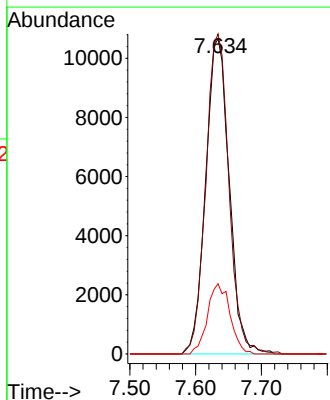
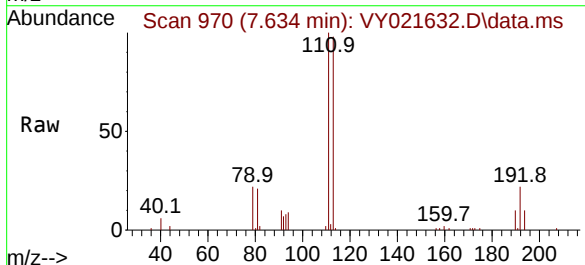
Instrument :
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ClientSampleId :
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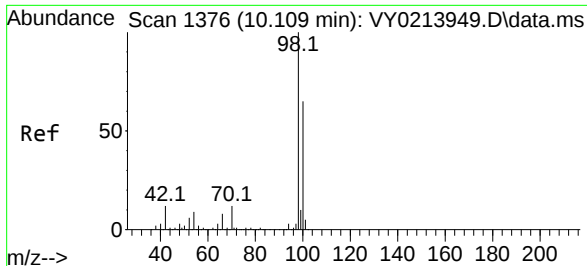
Tgt Ion:114 Resp: 68429
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 59.043 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

Tgt Ion:113 Resp: 26557
Ion Ratio Lower Upper
113 100
111 99.7 82.0 123.0
192 21.4 15.9 23.9

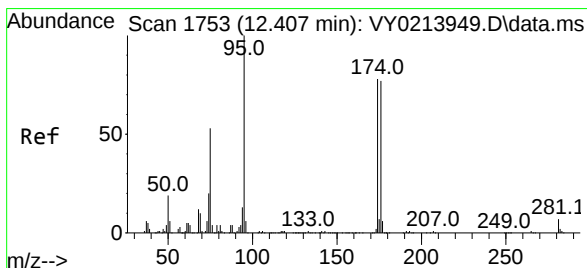
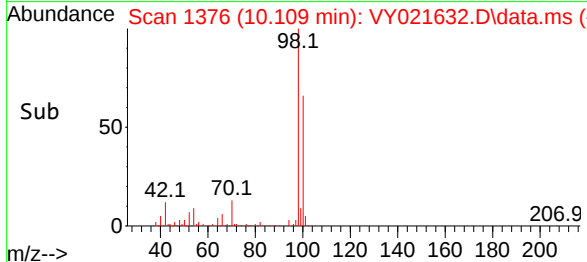
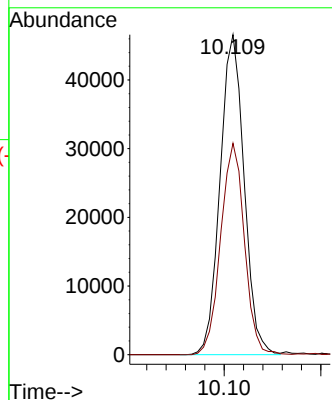
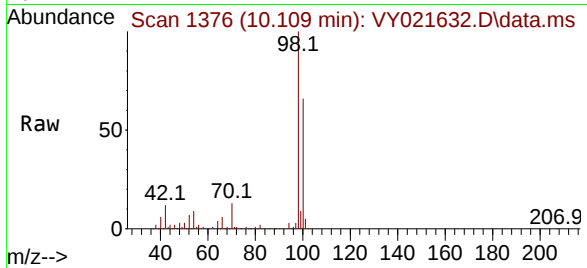




#50
Toluene-d8
Concen: 47.145 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

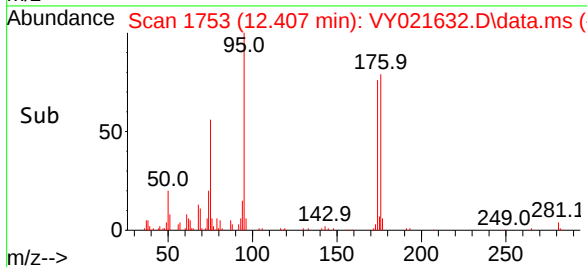
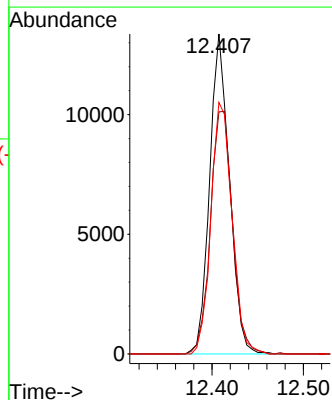
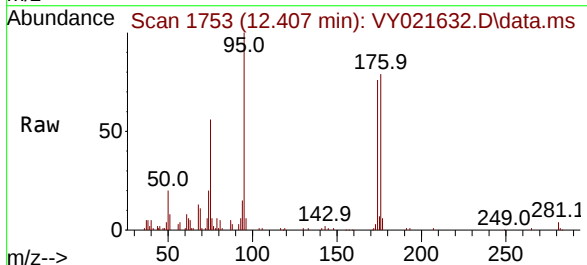
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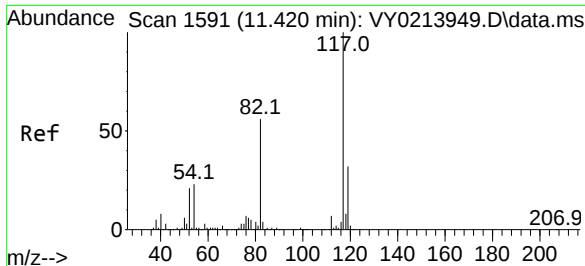
Tgt Ion: 98 Resp: 80291
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 34.777 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

Tgt Ion: 95 Resp: 20147
Ion Ratio Lower Upper
95 100
174 84.0 0.0 165.0
176 83.8 0.0 160.0

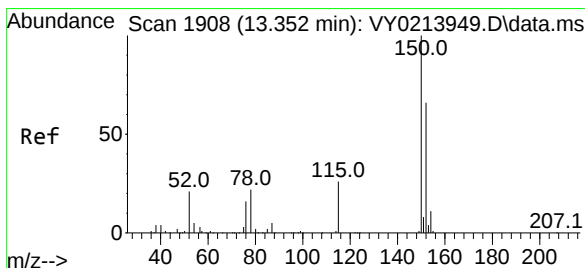
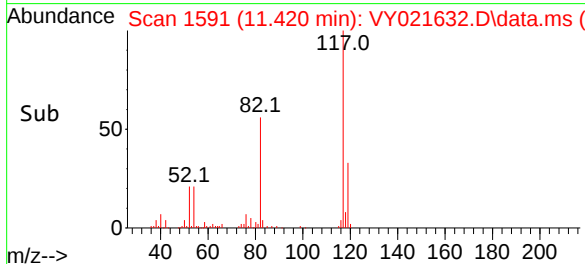
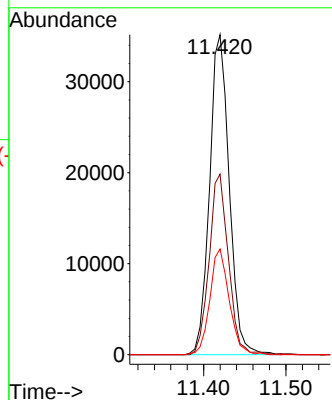
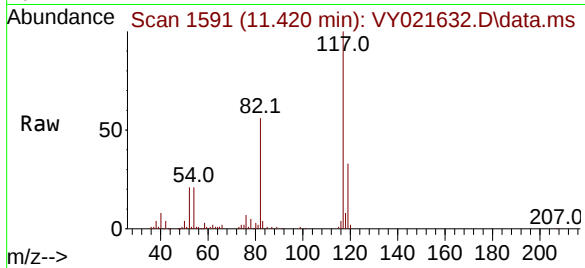




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 58410
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021632.D
Acq: 25 Mar 2025 13:49

Tgt Ion:152 Resp: 18824
Ion Ratio Lower Upper
152 100
115 56.5 29.0 87.0
150 151.0 0.0 347.2

