

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021490.D
 Acq On : 11 Mar 2025 16:42
 Operator : SY/MD
 Sample : Q1524-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241RE

Quant Time: Mar 11 16:53:43 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	34703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	49032	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	34410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	14975	40.827	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.660%
35) Dibromofluoromethane	7.634	113	17856	55.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.800%
50) Toluene-d8	10.103	98	54359	44.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.402	95	9422	22.698	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.400%

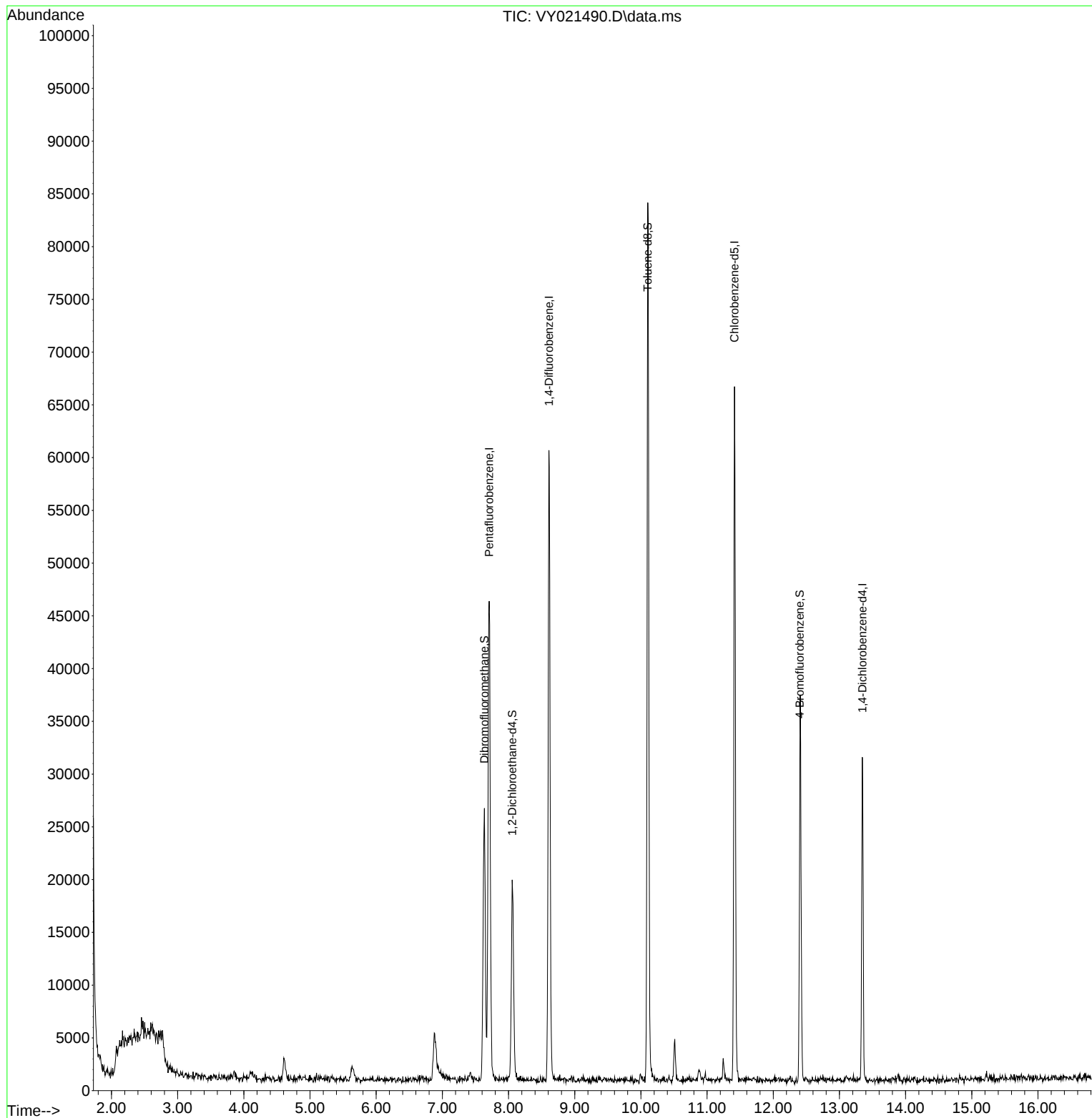
Target Compounds	Qvalue

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

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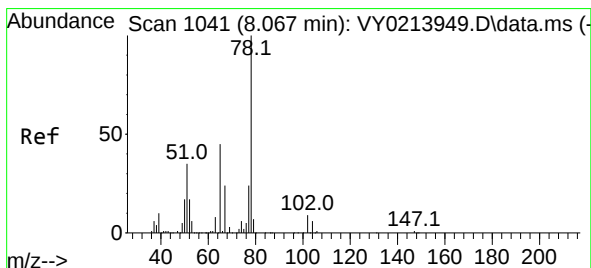
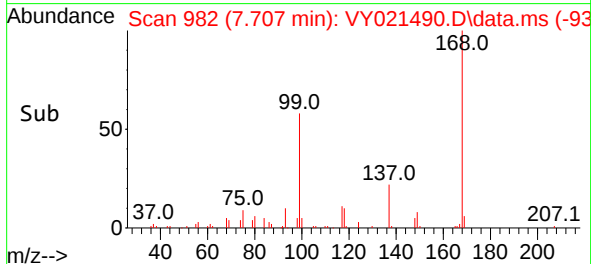
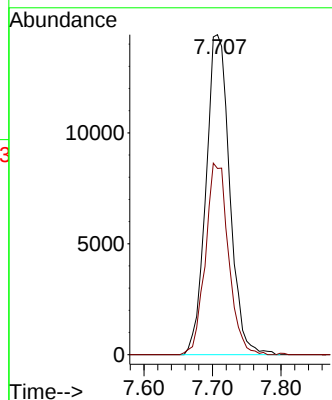
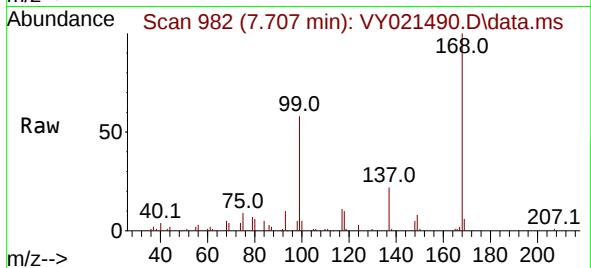




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

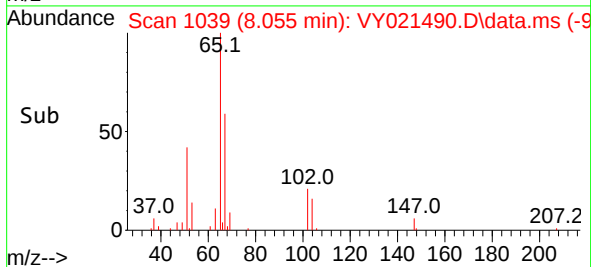
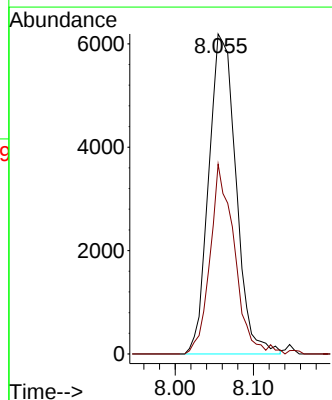
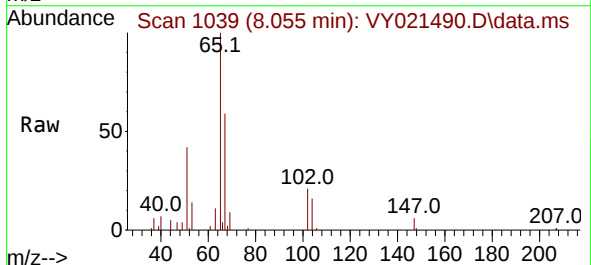
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

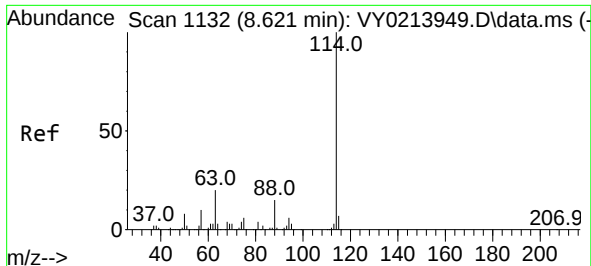
Tgt Ion:168 Resp: 34703
Ion Ratio Lower Upper
168 100
99 58.2 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 40.827 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

Tgt Ion: 65 Resp: 14975
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.8

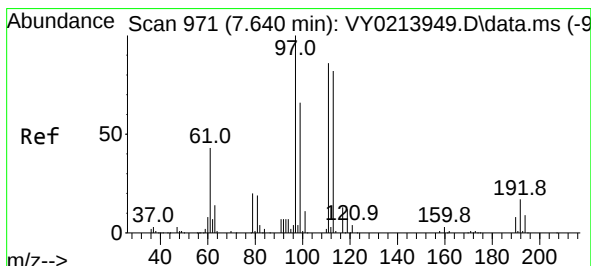
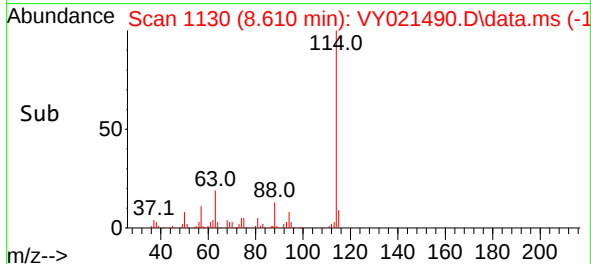
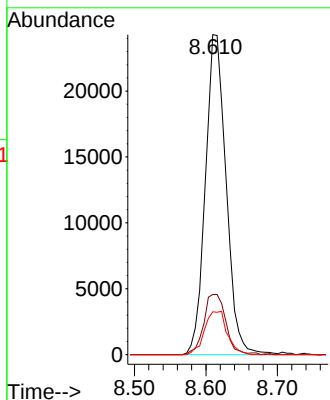
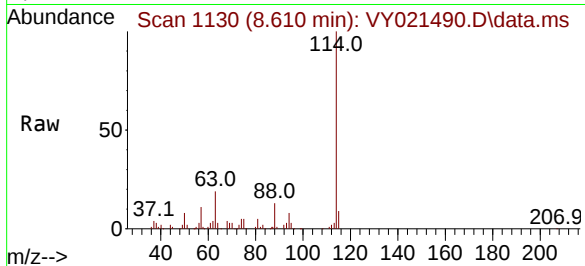




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

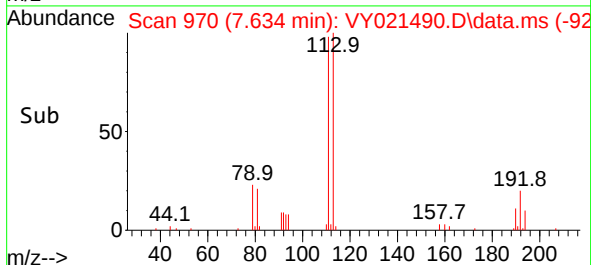
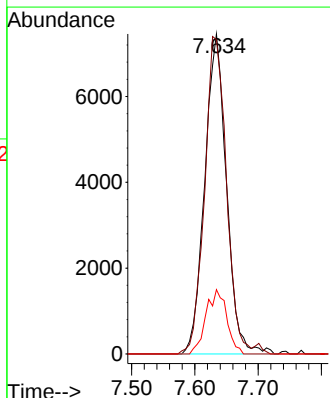
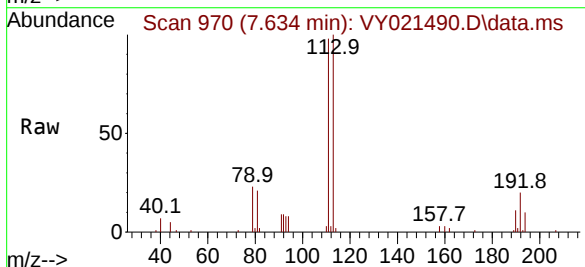
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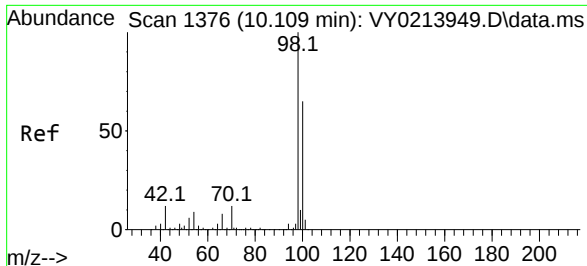
Tgt Ion:	114	Resp:	49032
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	40.8
88	13.4	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.403 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

Tgt Ion:	113	Resp:	17856
Ion Ratio	Lower	Upper	
113	100		
111	99.2	82.0	123.0
192	19.1	15.9	23.9

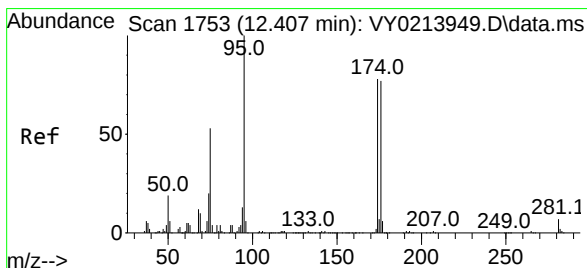
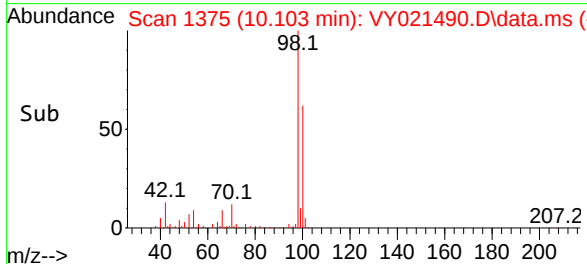
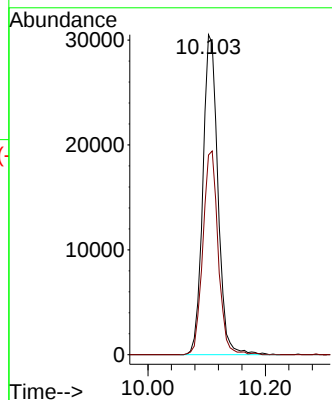
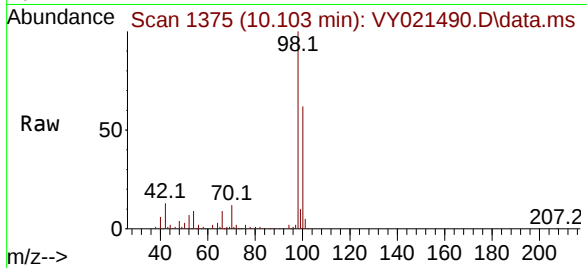




#50
Toluene-d8
Concen: 44.545 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

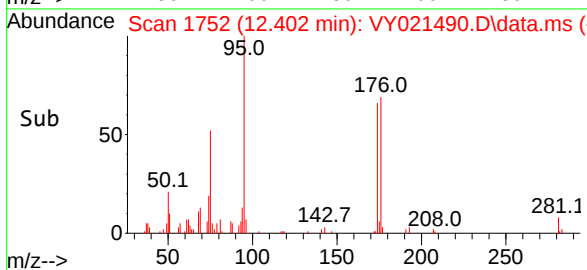
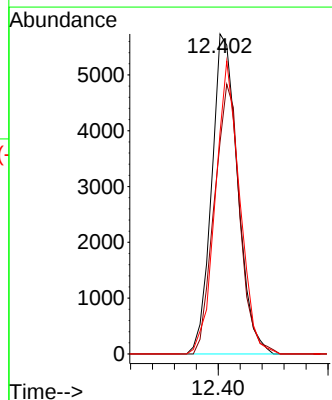
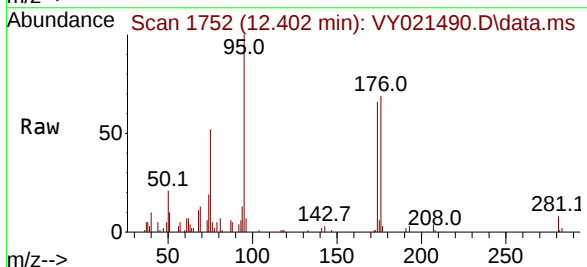
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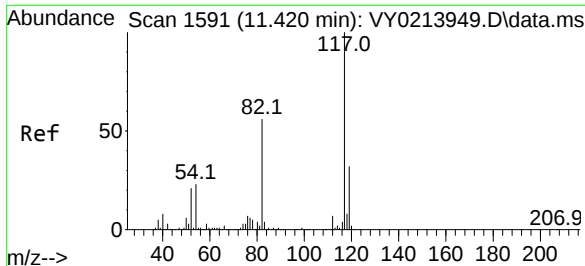
Tgt Ion: 98 Resp: 54359
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 22.698 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

Tgt Ion: 95 Resp: 9422
Ion Ratio Lower Upper
95 100
174 83.0 0.0 165.0
176 85.9 0.0 160.0

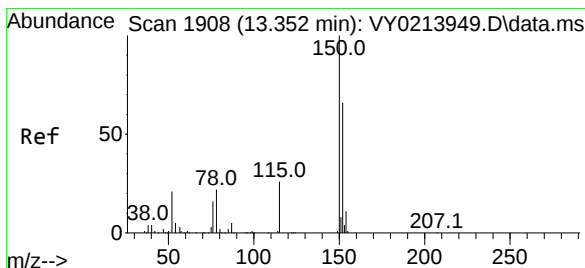
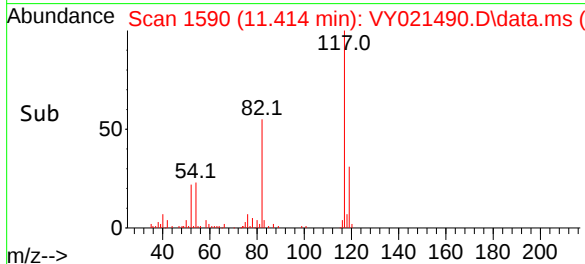
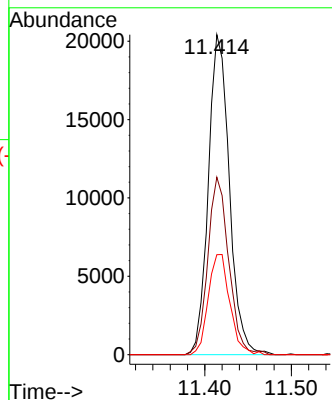
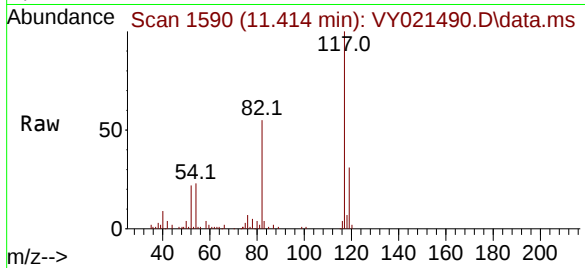




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021490.D
Acq: 11 Mar 2025 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241RE

Tgt Ion:117 Resp: 34410
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.3 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: VY021490.D
Acq: 11 Mar 2025 16:42

Tgt Ion:152 Resp: 7418
Ion Ratio Lower Upper
152 100
115 57.5 29.0 87.0
150 157.9 0.0 347.2

