

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022687.D
 Acq On : 13 Jun 2025 11:08
 Operator : SY/MD
 Sample : Q2308-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-06122025

Quant Time: Jun 14 02:02:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	124004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	223584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	177439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71373	51.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.920%
35) Dibromofluoromethane	7.634	113	69585	52.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.103	98	268350	49.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.401	95	66403	41.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.660%

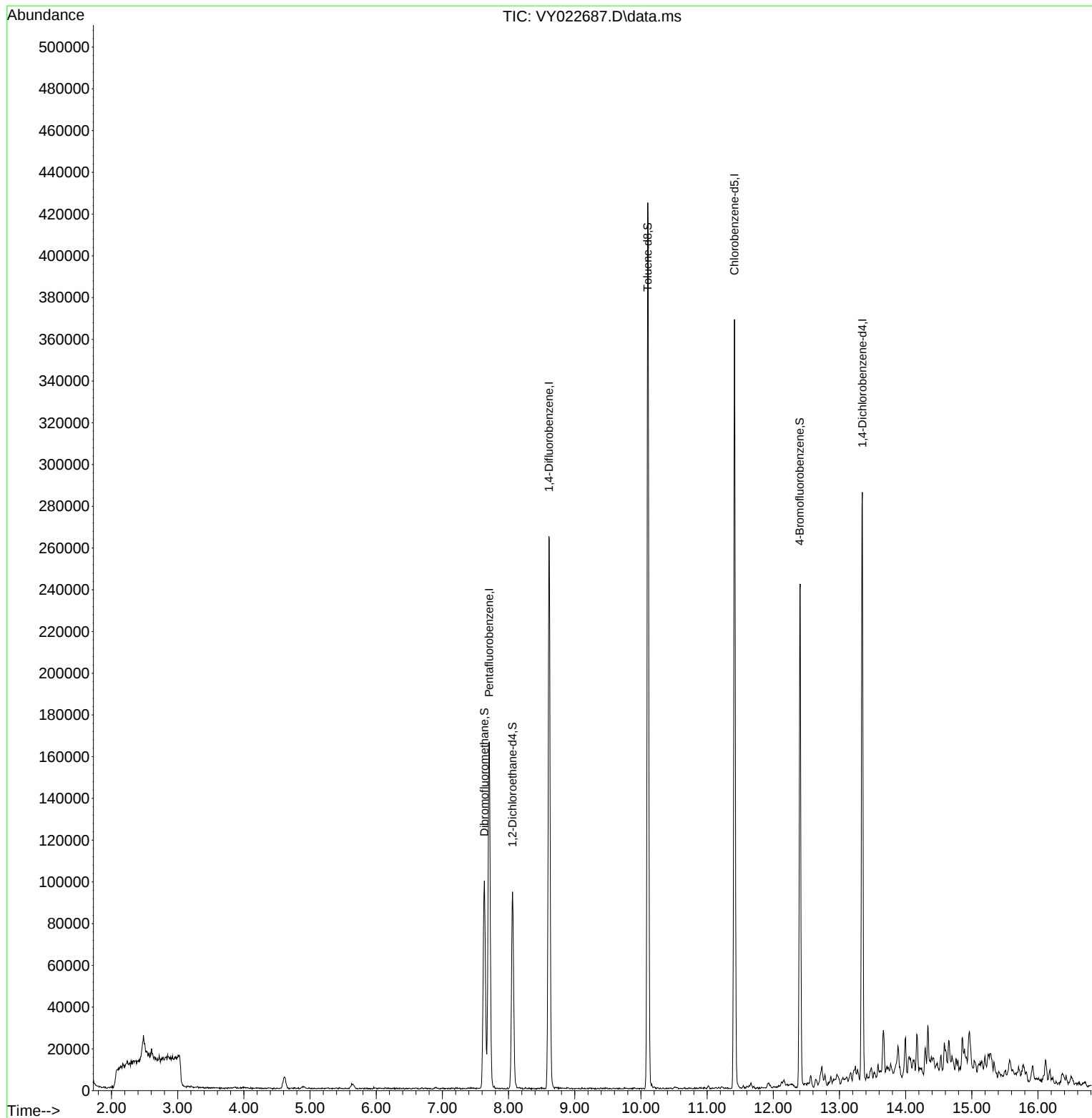
Target Compounds	Qvalue

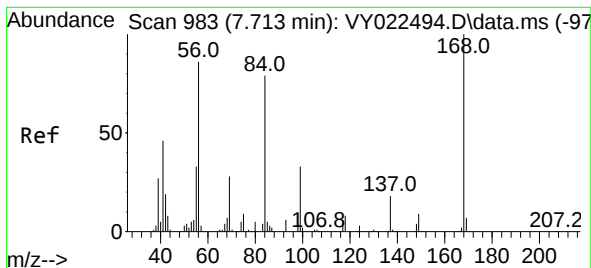
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 99

Delta R.T. -0.006 min

Lab File: VY022687.D

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Instrument :

MSVOA_Y

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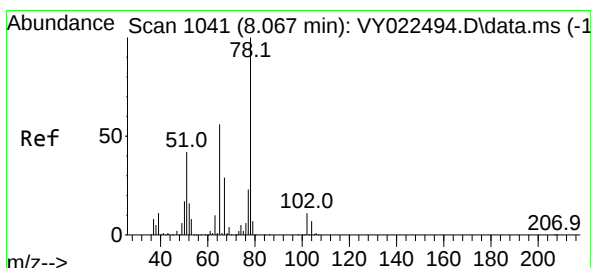
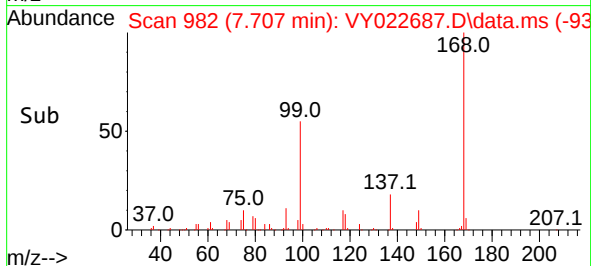
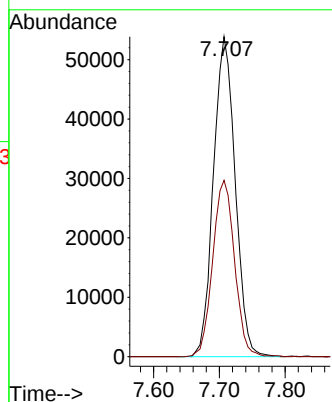
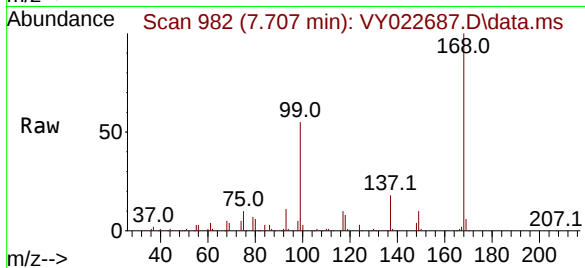
EO-02-06122025

Tgt Ion:168 Resp: 124004

Ion Ratio Lower Upper

168 100

99 55.1 44.3 66.5



#33

1,2-Dichloroethane-d4

Concen: 51.462 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022687.D

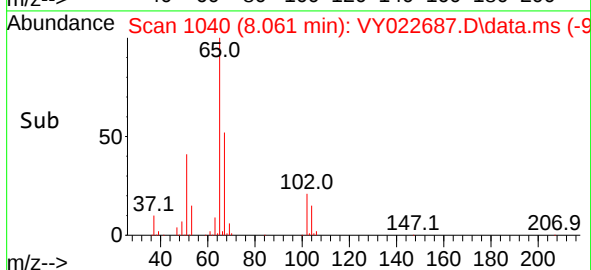
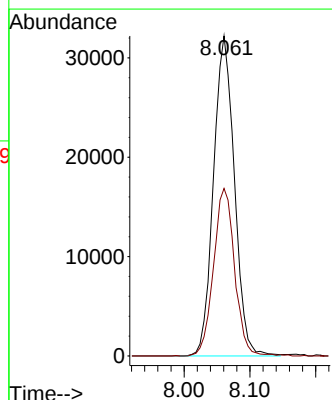
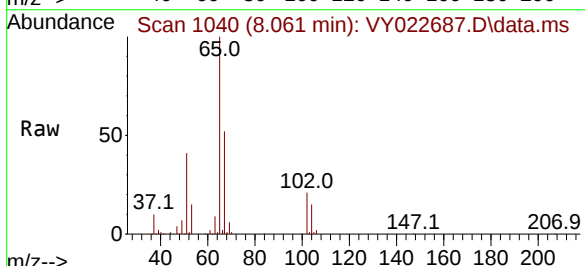
Acq: 13 Jun 2025 11:08

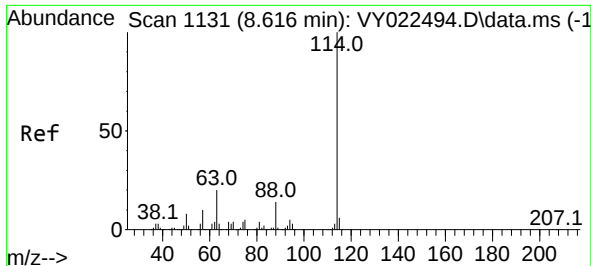
Tgt Ion: 65 Resp: 71373

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4

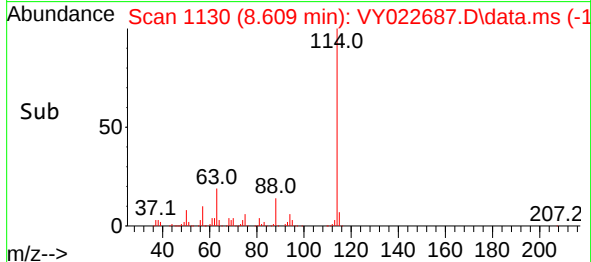
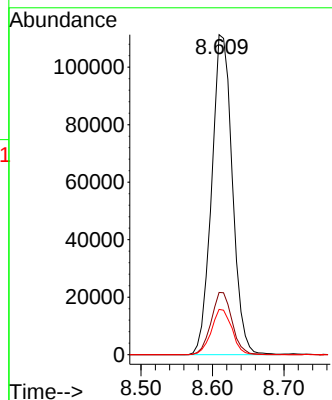
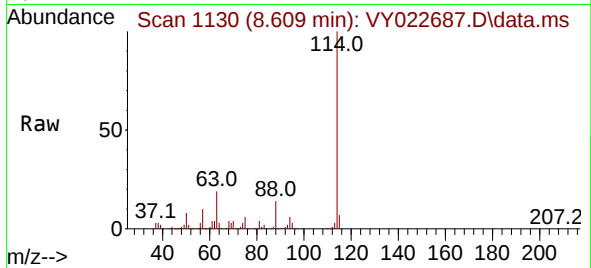




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

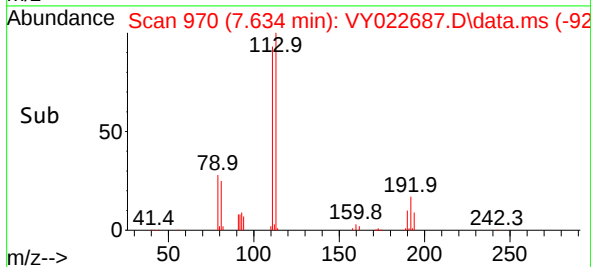
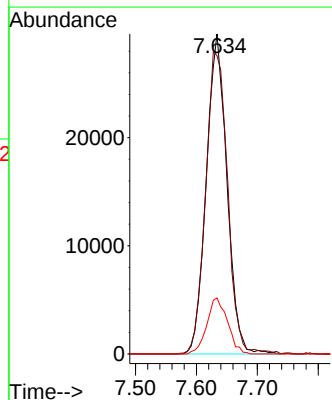
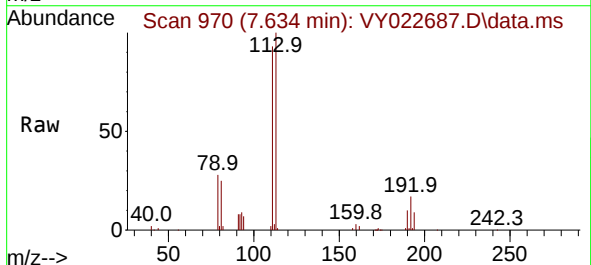
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MSVOA_Y
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EO-02-06122025

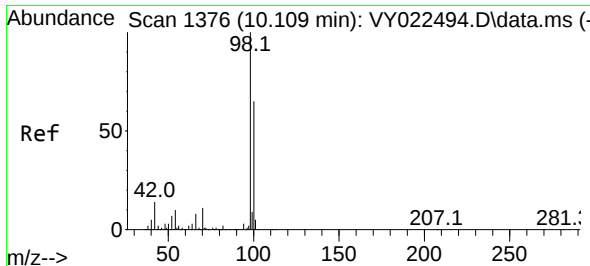
Tgt Ion:	114	Resp:	223584
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	14.2	0.0	27.8



#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion:	113	Resp:	69585
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.1	121.7
192	17.6	14.2	21.2

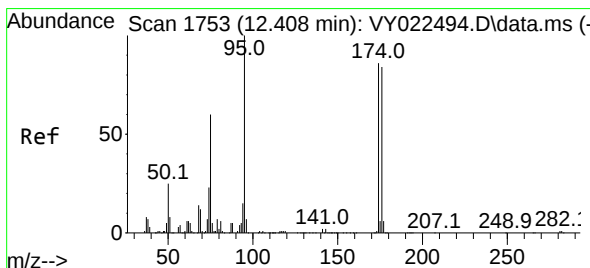
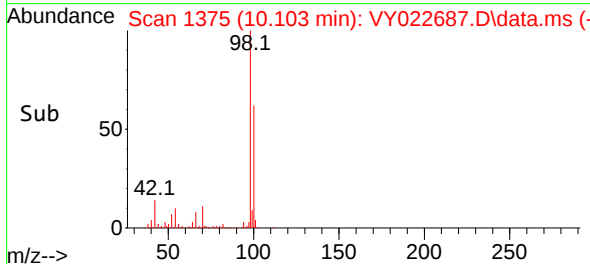
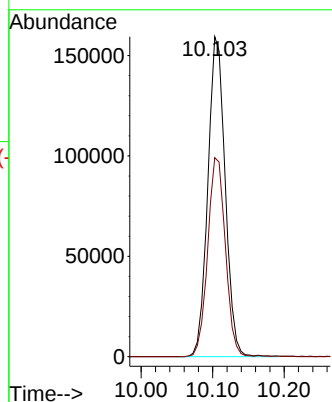
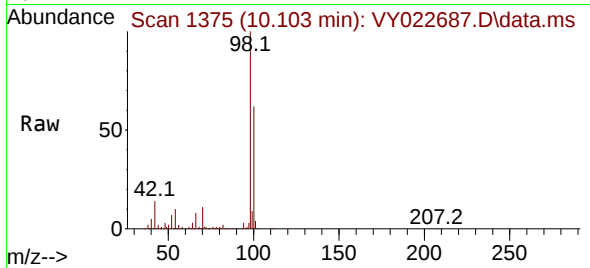




#50
Toluene-d8
Concen: 49.765 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

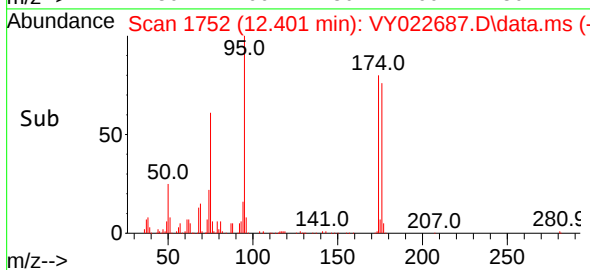
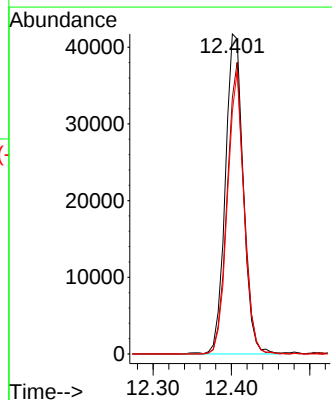
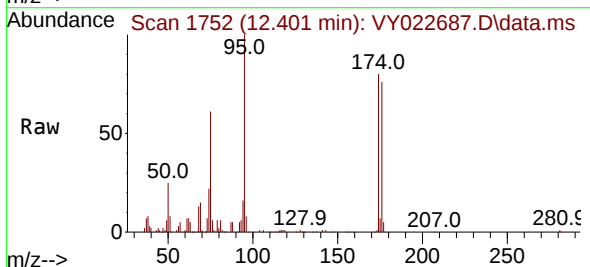
Instrument :
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ClientSampleId :
EO-02-06122025

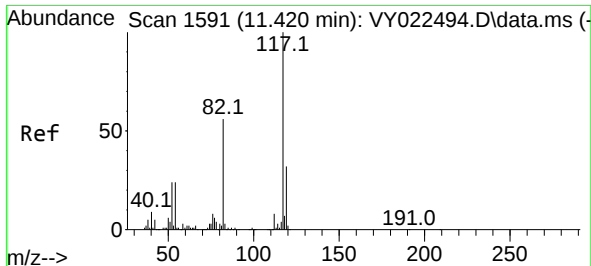
Tgt Ion: 98 Resp: 268350
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.330 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion: 95 Resp: 66403
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.0
176 81.5 0.0 166.2

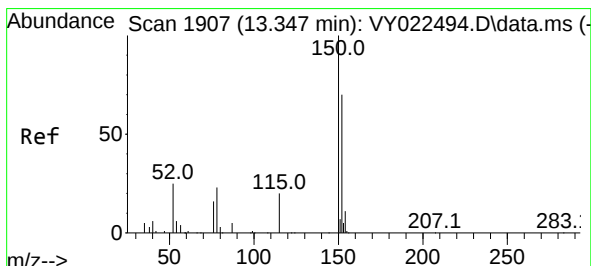
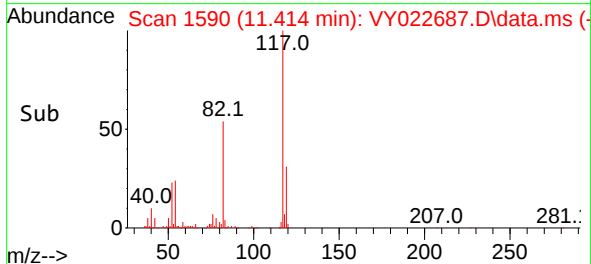
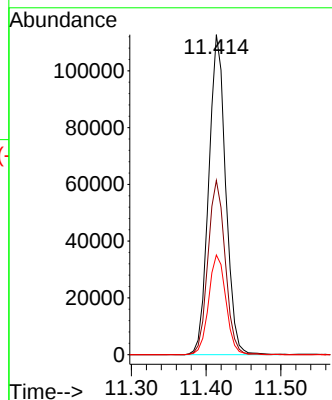
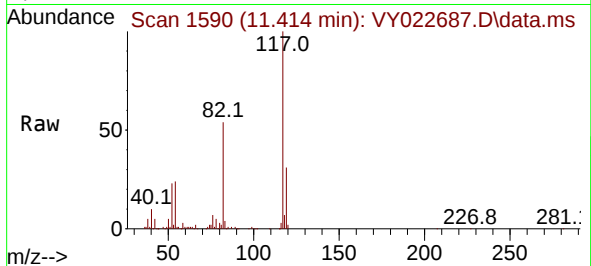




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-06122025

Tgt Ion:117 Resp: 177439
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022687.D
Acq: 13 Jun 2025 11:08

Tgt Ion:152 Resp: 65980
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 159.1 0.0 349.6

