

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021525.D
 Acq On : 13 Mar 2025 15:08
 Operator : SY/MD
 Sample : Q1549-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978

Quant Time: Mar 14 14:56:40 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	34466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	52269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	41188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	10544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	20627	56.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.634	113	20282	59.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.060%
50) Toluene-d8	10.109	98	61415	47.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.402	95	13422	30.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.660%

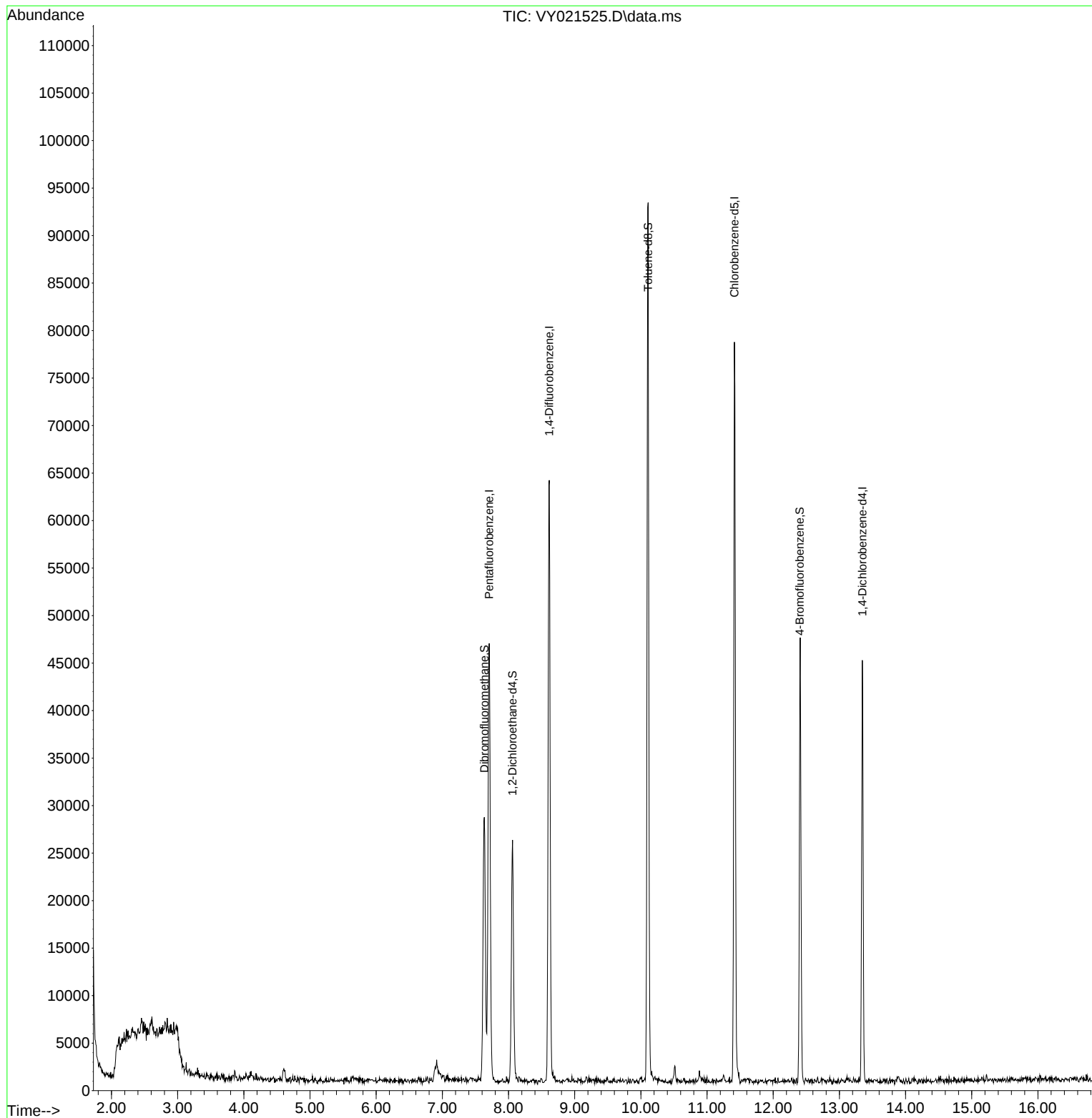
Target Compounds	Qvalue

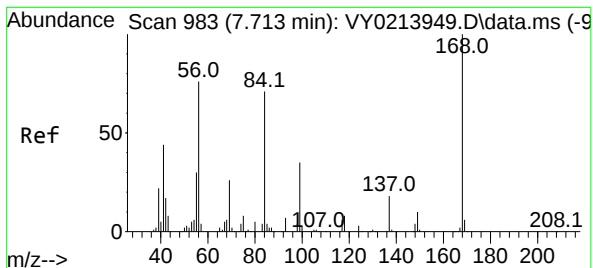
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021525.D

Acq: 13 Mar 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

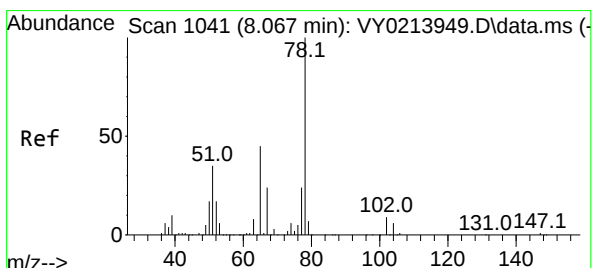
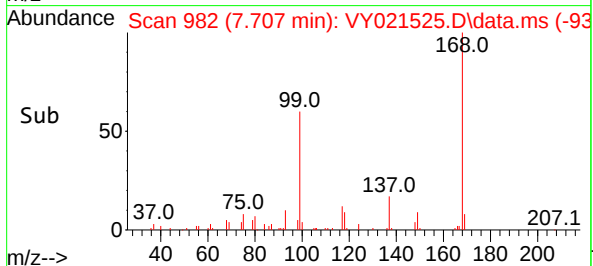
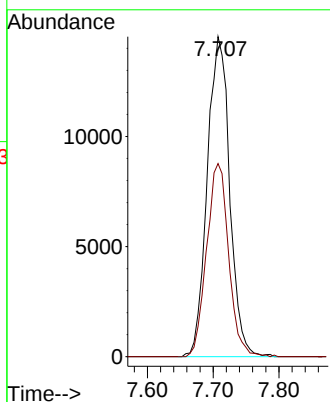
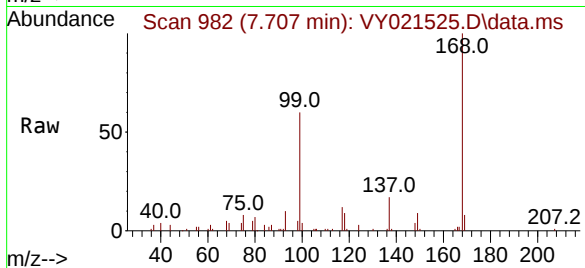
72-11978

Tgt Ion:168 Resp: 34466

Ion Ratio Lower Upper

168 100

99 60.3 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 56.623 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021525.D

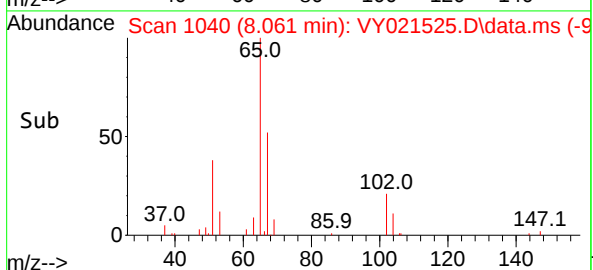
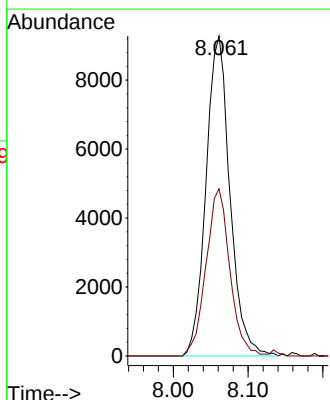
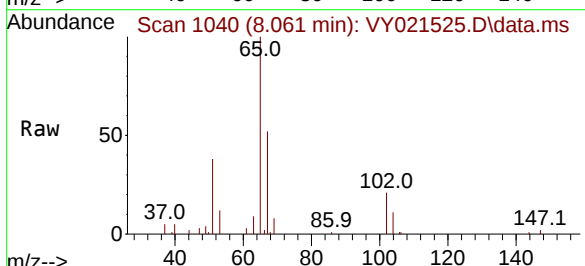
Acq: 13 Mar 2025 15:08

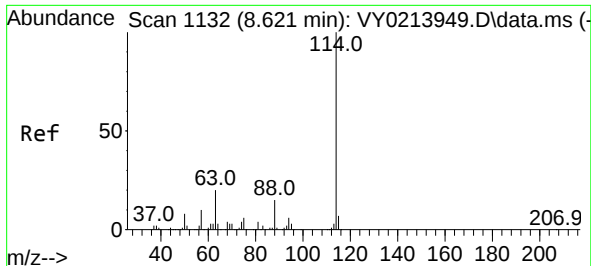
Tgt Ion: 65 Resp: 20627

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8

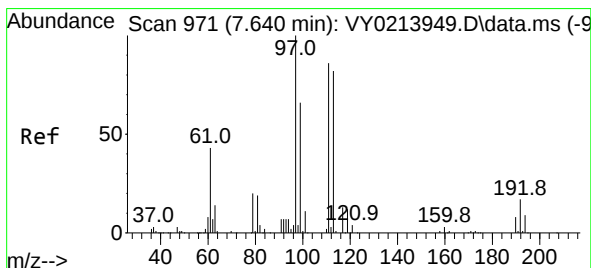
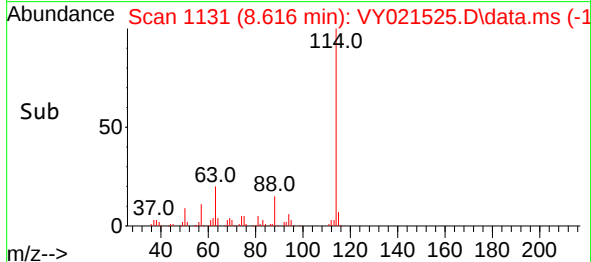
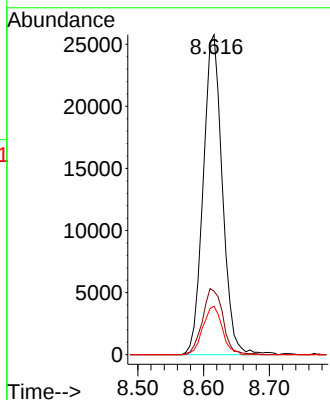
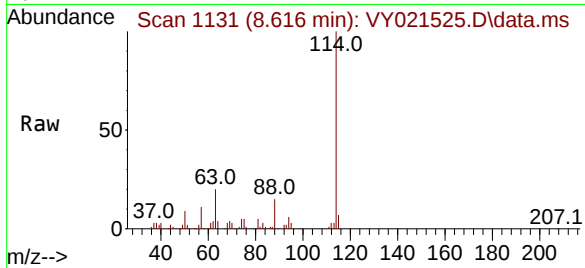




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

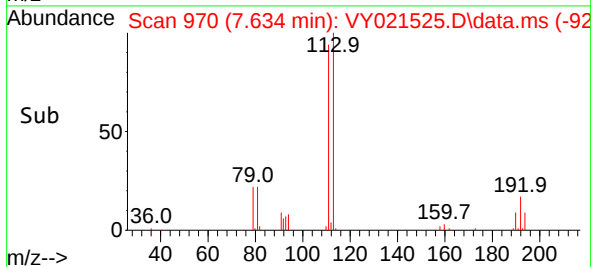
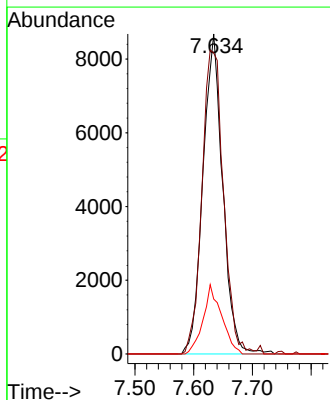
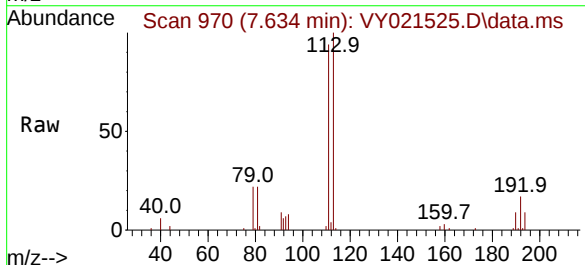
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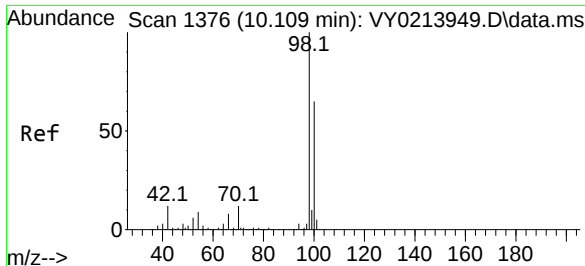
Tgt Ion:	114	Resp:	52269
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 59.033 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

Tgt Ion:	113	Resp:	20282
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	20.3	15.9	23.9

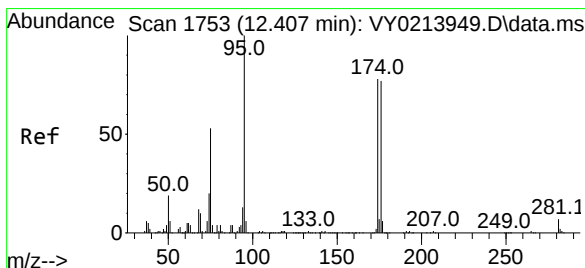
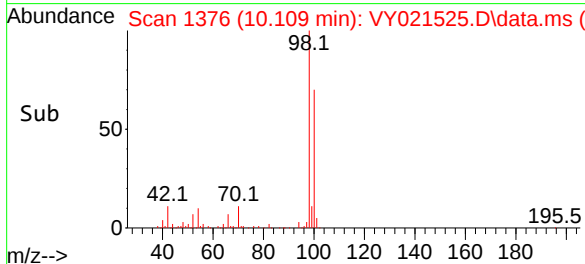
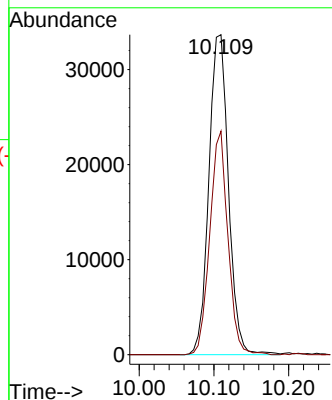
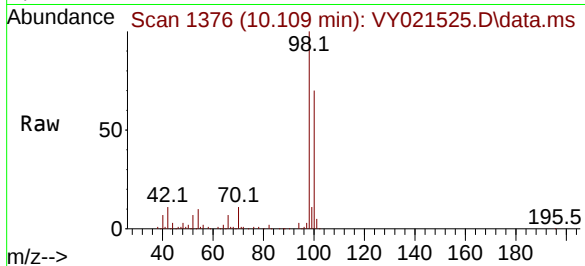




#50
Toluene-d8
Concen: 47.211 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

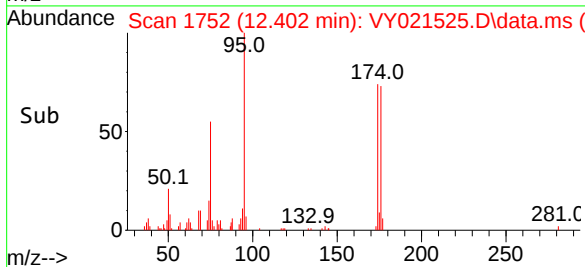
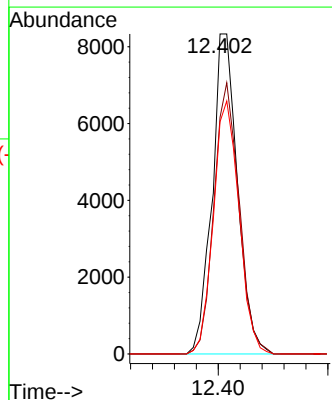
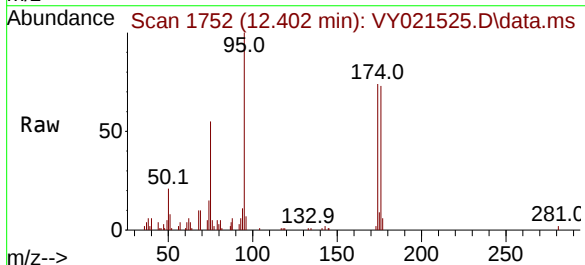
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

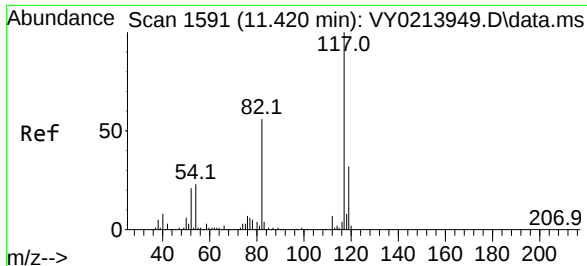
Tgt Ion: 98 Resp: 61415
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 30.332 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

Tgt Ion: 95 Resp: 13422
Ion Ratio Lower Upper
95 100
174 84.0 0.0 165.0
176 79.8 0.0 160.0

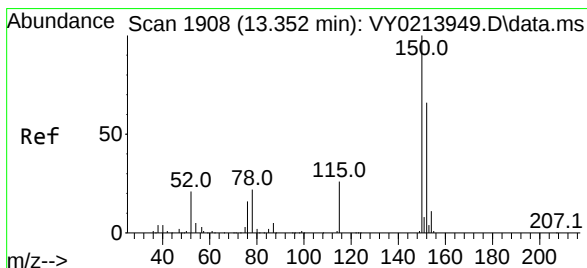
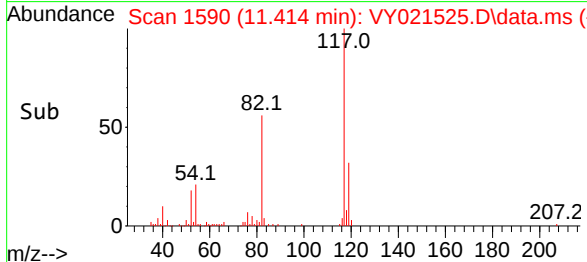
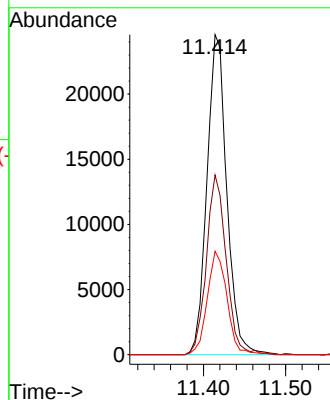
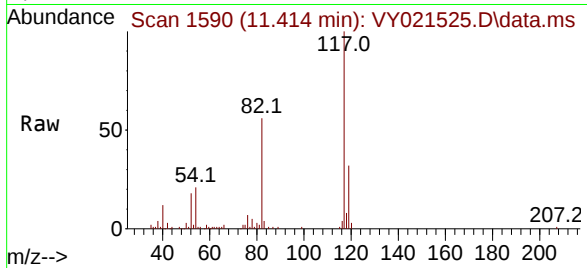




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:	117	Resp:	41188
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021525.D
Acq: 13 Mar 2025 15:08

Tgt Ion:	152	Resp:	10544
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.0	87.0
150	164.2	0.0	347.2

