

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021526.D
 Acq On : 13 Mar 2025 15:41
 Operator : SY/MD
 Sample : Q1549-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978RE

Quant Time: Mar 14 14:56:48 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	7.713	168	5914	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	10374	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	6275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	4074	65.176	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.360%
35) Dibromofluoromethane	7.634	113	3093	45.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.720%
50) Toluene-d8	10.109	98	11010	42.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.280%
62) 4-Bromofluorobenzene	12.408	95	1400	15.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.880%

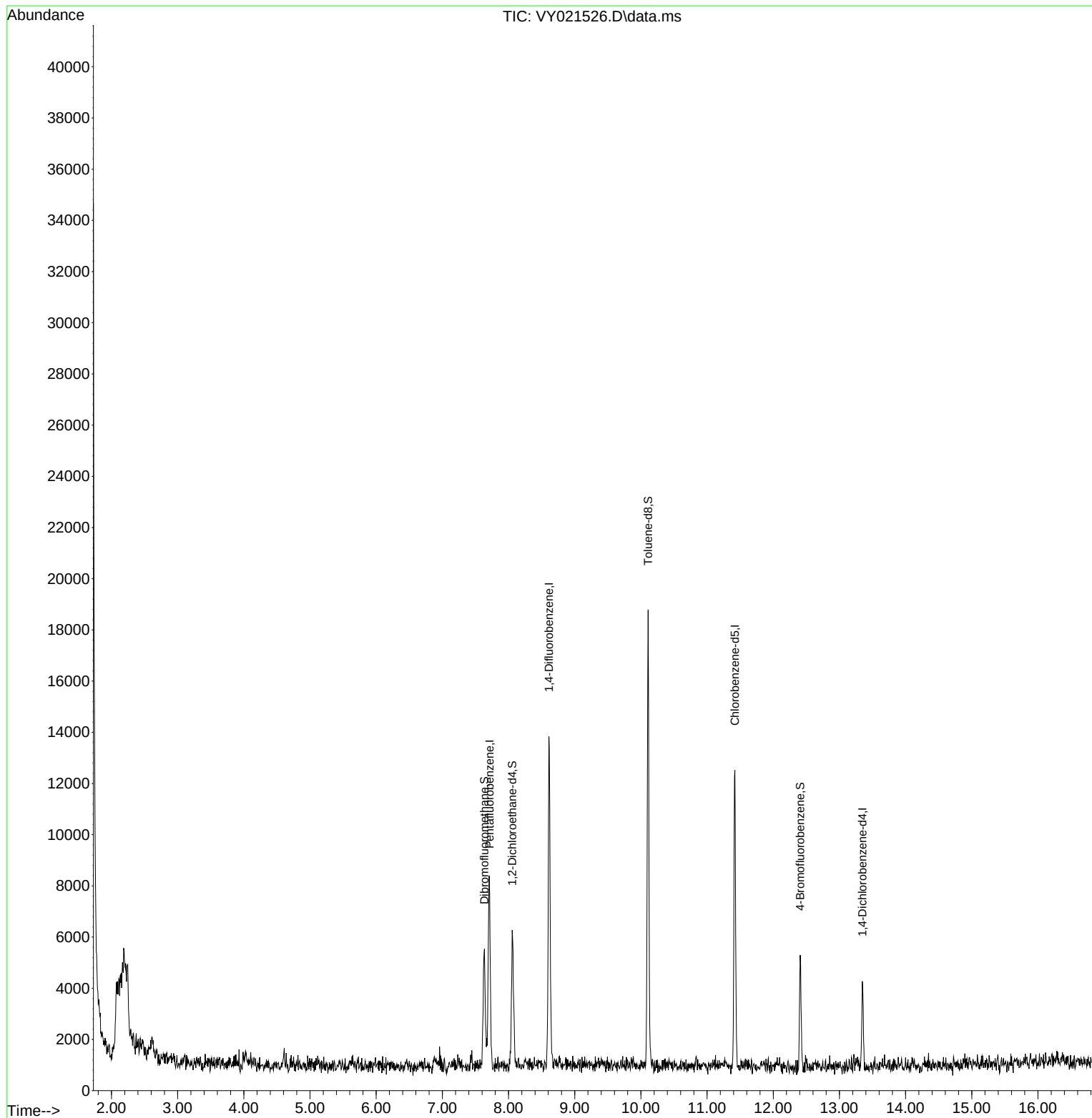
Target Compounds	Qvalue

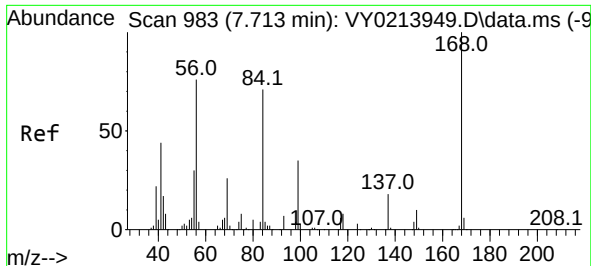
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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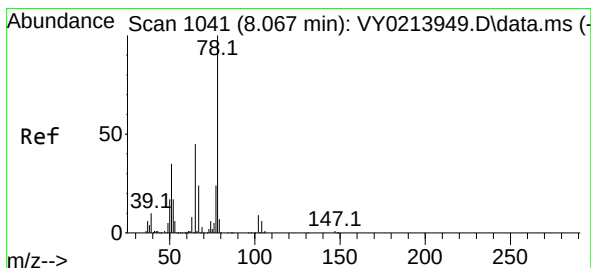
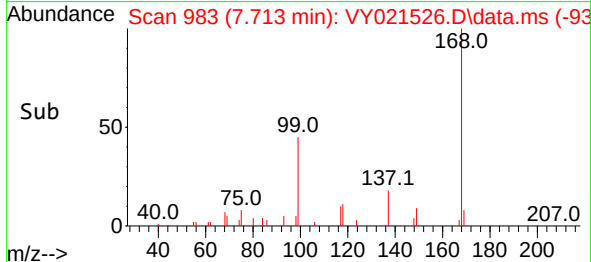
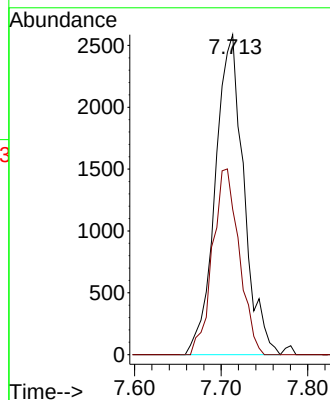
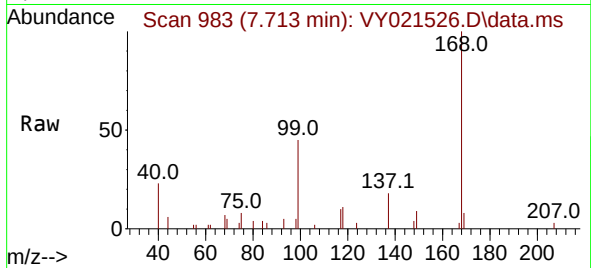




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021526.D
Acq: 13 Mar 2025 15:41

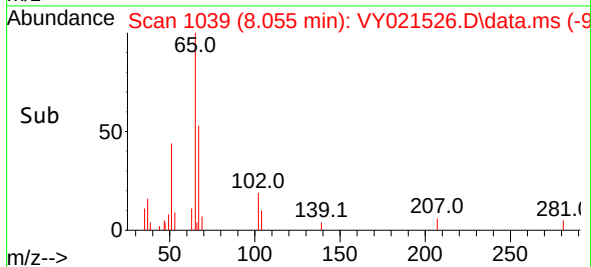
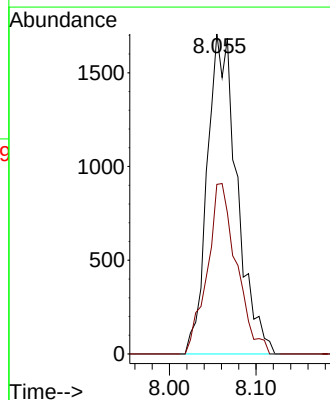
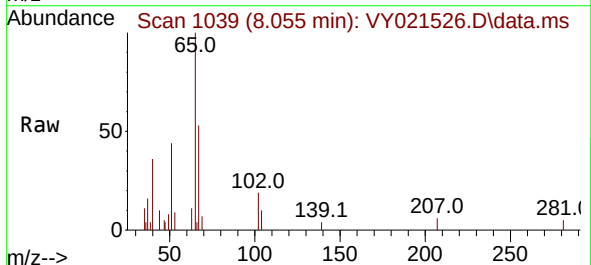
Instrument :
MSVOA_Y
ClientSampleId :
72-11978RE

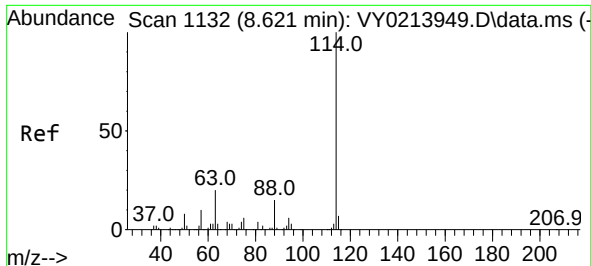
Tgt Ion:168 Resp: 5914
Ion Ratio Lower Upper
168 100
99 45.4 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 65.176 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021526.D
Acq: 13 Mar 2025 15:41

Tgt Ion: 65 Resp: 4074
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1132

Delta R.T. -0.012 min

Lab File: VY021526.D

Acq: 13 Mar 2025 15:41

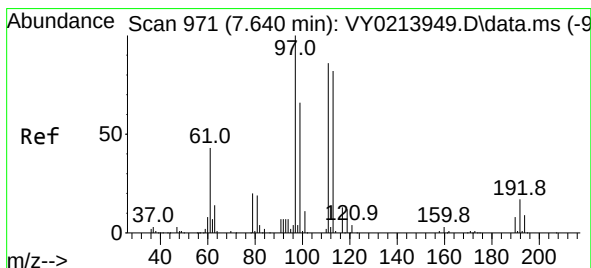
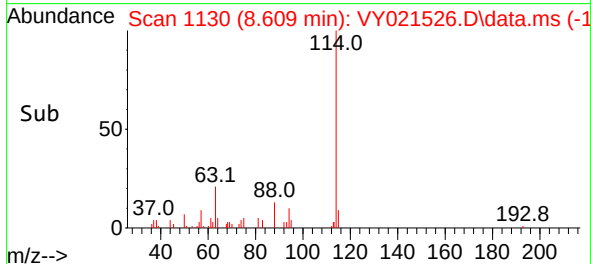
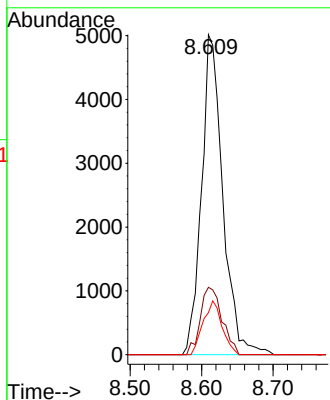
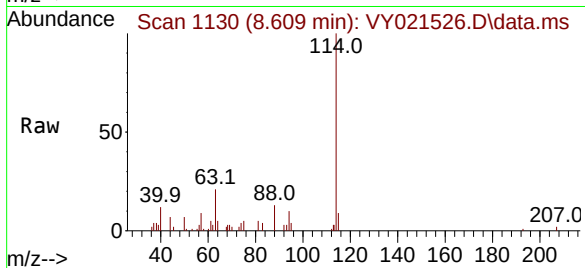
Instrument :

MSVOA_Y

ClientSampleId :

72-11978RE

Tgt Ion:114	Resp:	10374
Ion Ratio	Lower	Upper
114	100	
63	21.1	0.0 40.8
88	13.1	0.0 30.8



#35

Dibromofluoromethane

Concen: 45.359 ug/l

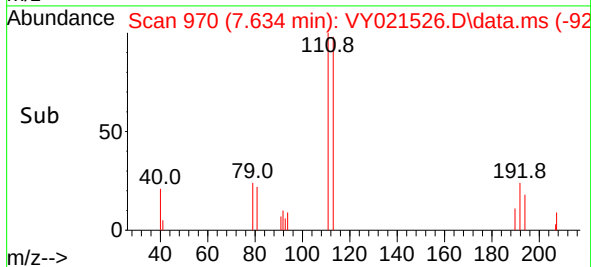
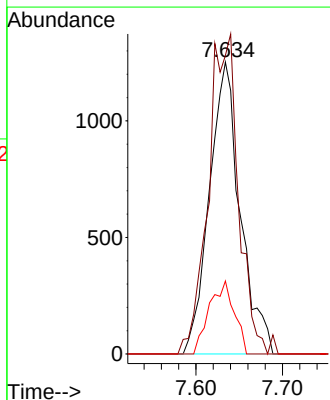
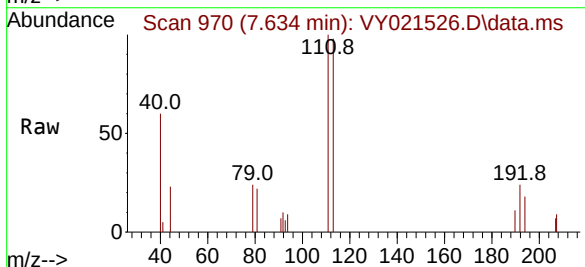
RT: 7.634 min Scan# 970

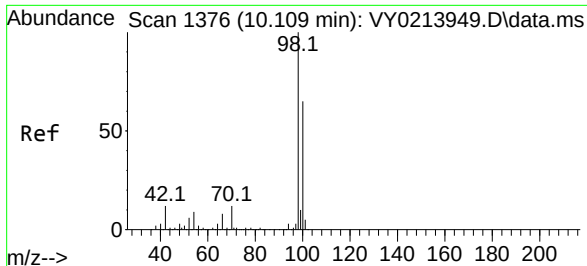
Delta R.T. -0.006 min

Lab File: VY021526.D

Acq: 13 Mar 2025 15:41

Tgt Ion:113	Resp:	3093
Ion Ratio	Lower	Upper
113	100	
111	106.7	82.0 123.0
192	20.3	15.9 23.9

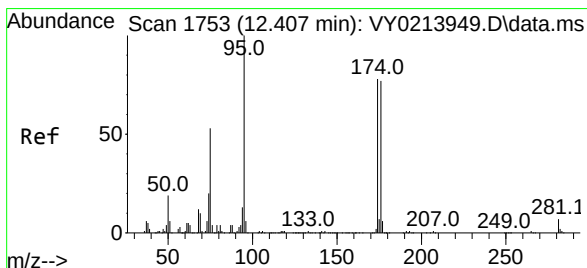
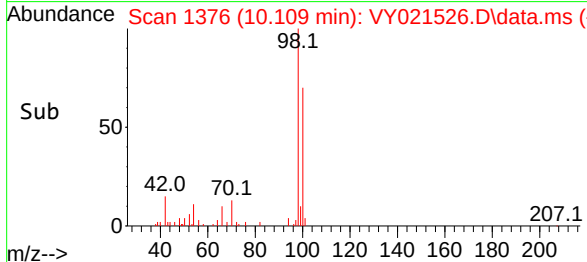
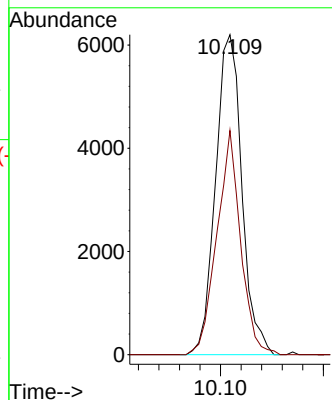
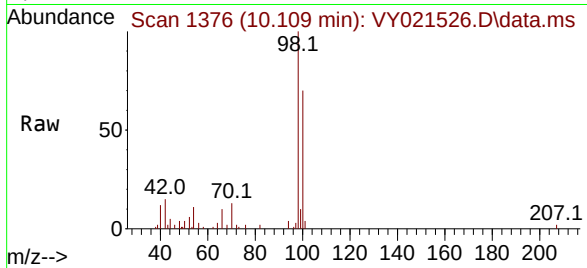




#50
Toluene-d8
Concen: 42.643 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021526.D
Acq: 13 Mar 2025 15:41

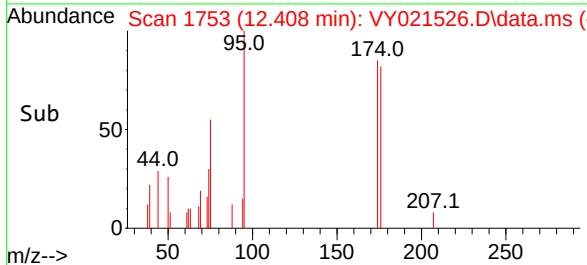
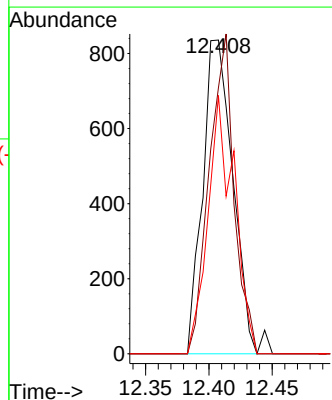
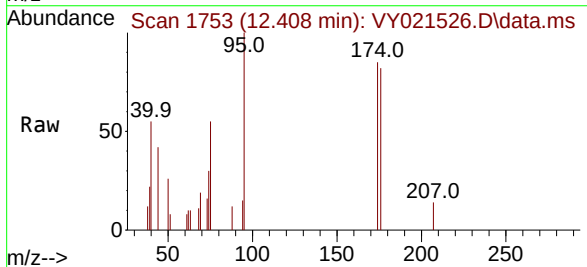
Instrument :
MSVOA_Y
ClientSampleId :
72-11978RE

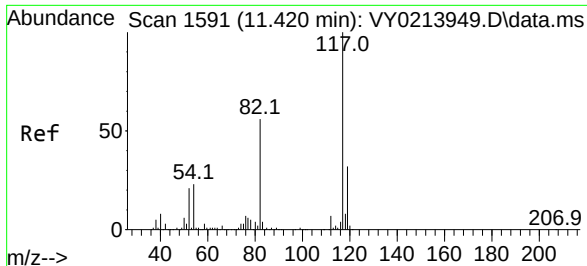
Tgt Ion: 98 Resp: 11010
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 15.941 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021526.D
Acq: 13 Mar 2025 15:41

Tgt Ion: 95 Resp: 1400
Ion Ratio Lower Upper
95 100
174 83.4 0.0 165.0
176 71.5 0.0 160.0

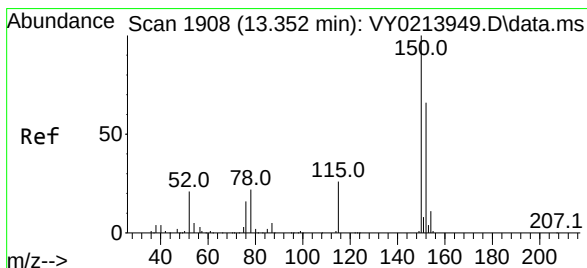
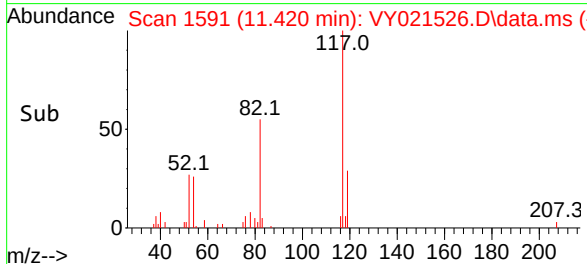
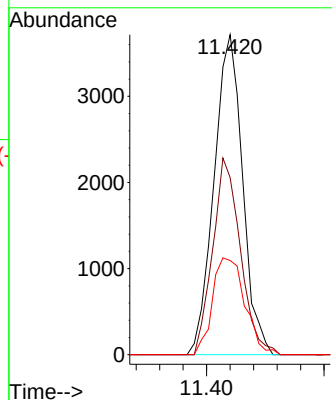
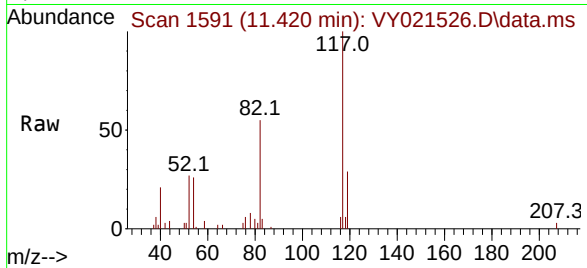




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021526.D
Acq: 13 Mar 2025 15:41

Instrument :
MSVOA_Y
ClientSampleId :
72-11978RE

Tgt Ion:117	Resp:	6275
Ion	Ratio	Lower Upper
117	100	
82	55.4	44.6 67.0
119	29.5	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: VY021526.D
Acq: 13 Mar 2025 15:41

Tgt Ion:152	Resp:	885
Ion	Ratio	Lower Upper
152	100	
115	67.7	29.0 87.0
150	149.4	0.0 347.2

