

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021489.D
 Acq On : 11 Mar 2025 16:18
 Operator : SY/MD
 Sample : Q1524-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930-343-COMP

Quant Time: Mar 11 16:34:14 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	30414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	46535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	36444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	9041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	18328	57.015	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.628	113	17807	58.215	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.440%
50) Toluene-d8	10.109	98	51745	44.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.408	95	11713	29.731	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.460%

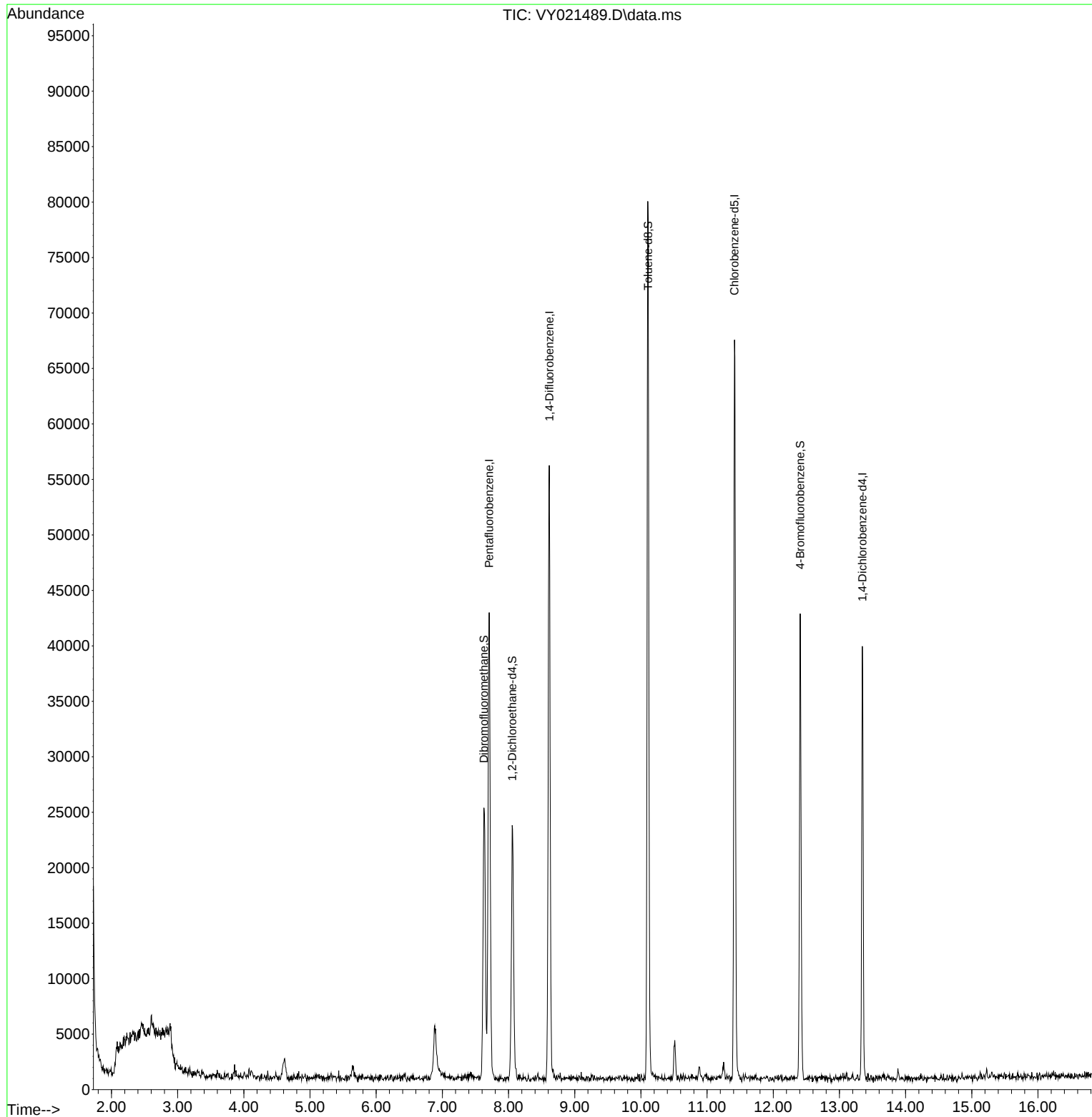
Target Compounds	Qvalue

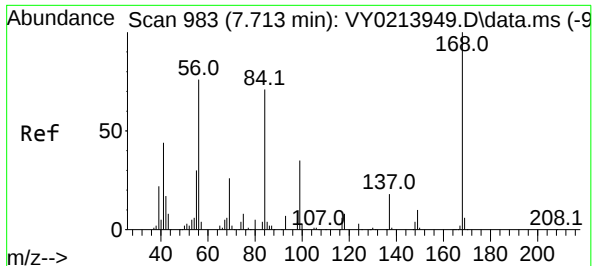
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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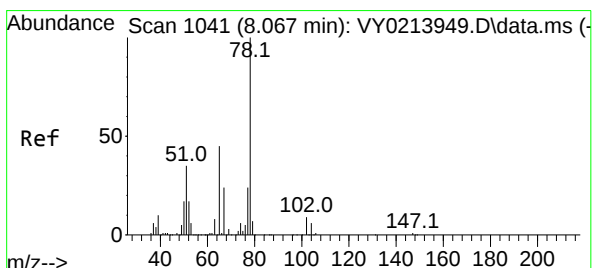
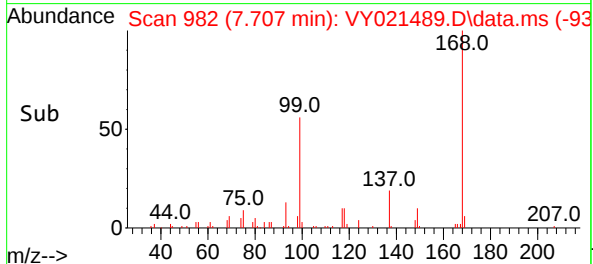
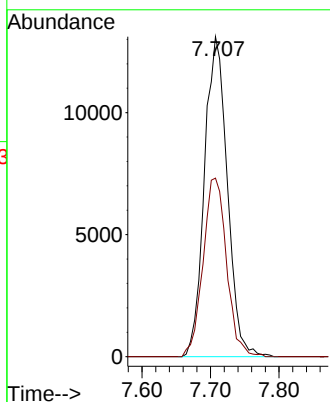
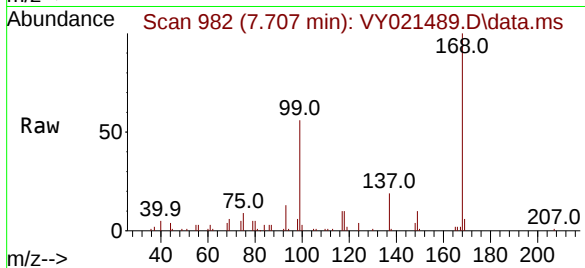




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021489.D
Acq: 11 Mar 2025 16:18

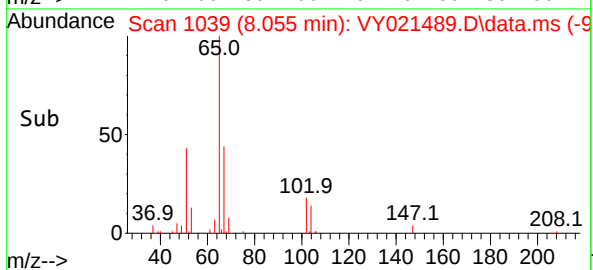
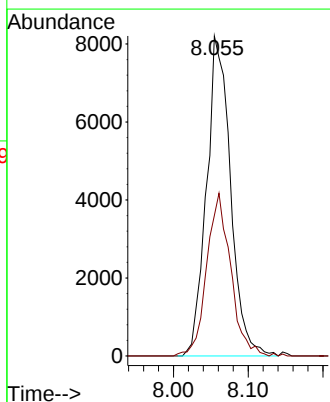
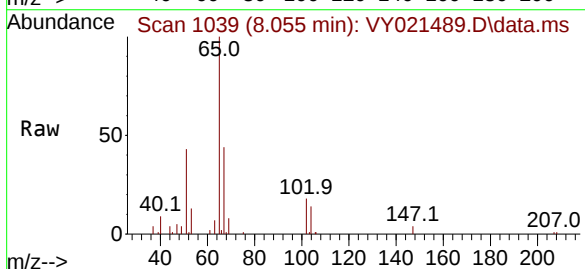
Instrument :
MSVOA_Y
ClientSampleId :
72-11930-343-COMP

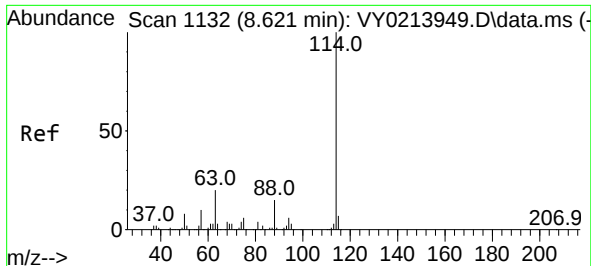
Tgt Ion:168 Resp: 30414
Ion Ratio Lower Upper
168 100
99 55.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 57.015 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021489.D
Acq: 11 Mar 2025 16:18

Tgt Ion: 65 Resp: 18328
Ion Ratio Lower Upper
65 100
67 50.6 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: VY021489.D

Acq: 11 Mar 2025 16:18

Instrument :

MSVOA_Y

ClientSampleId :

72-11930-343-COMP

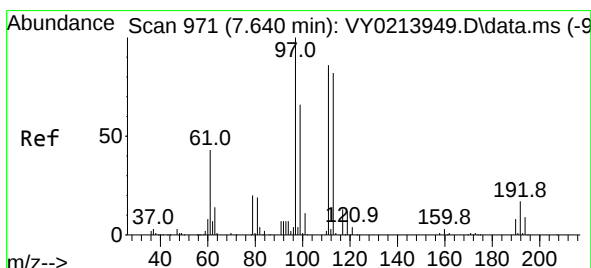
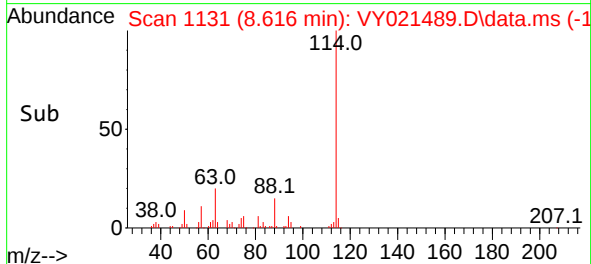
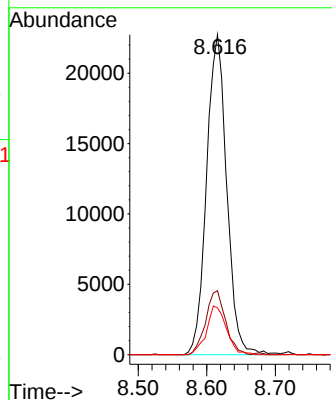
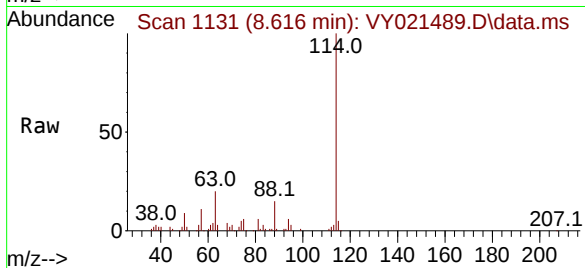
Tgt Ion:114 Resp: 46535

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 58.215 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY021489.D

Acq: 11 Mar 2025 16:18

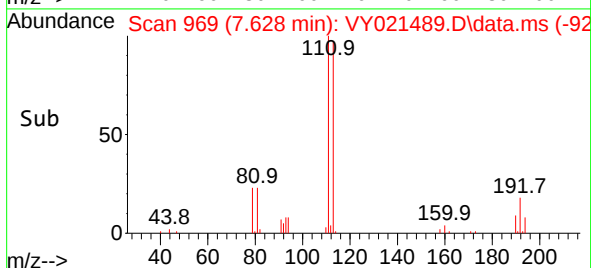
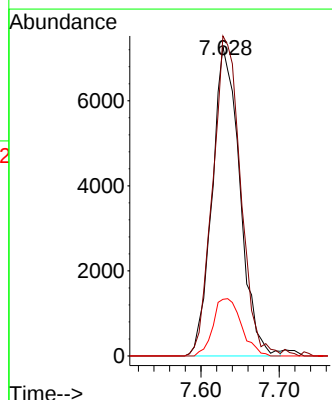
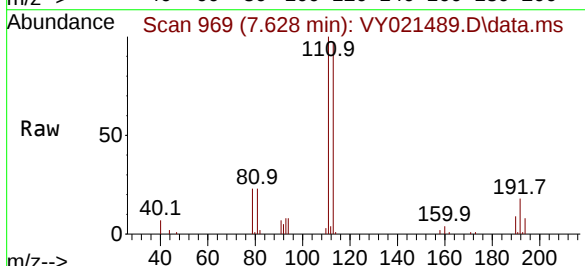
Tgt Ion:113 Resp: 17807

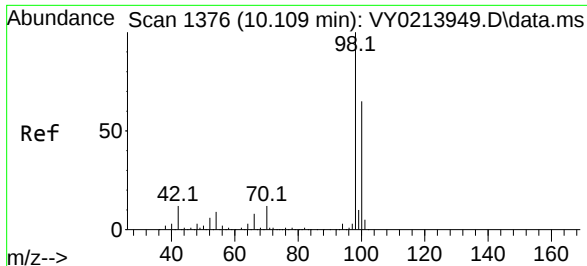
Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 19.0 15.9 23.9

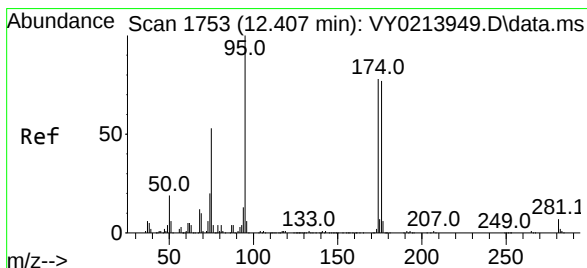
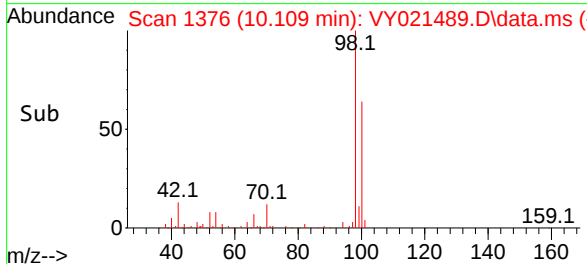
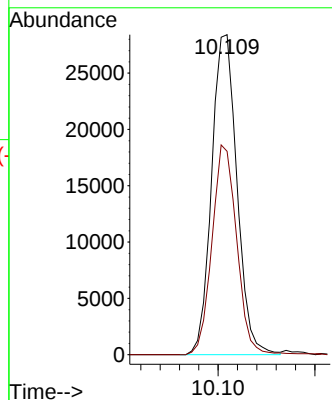
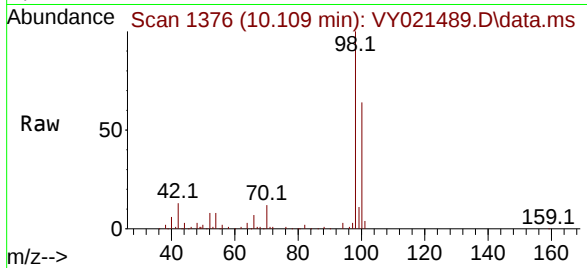




#50
Toluene-d8
Concen: 44.678 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021489.D
Acq: 11 Mar 2025 16:18

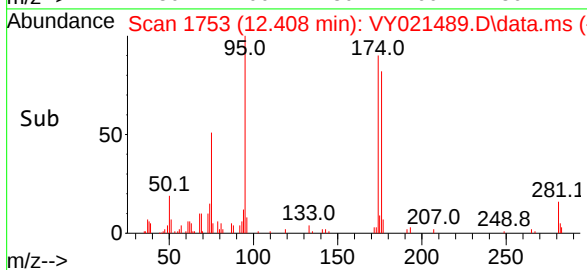
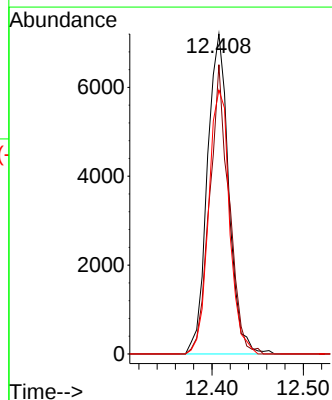
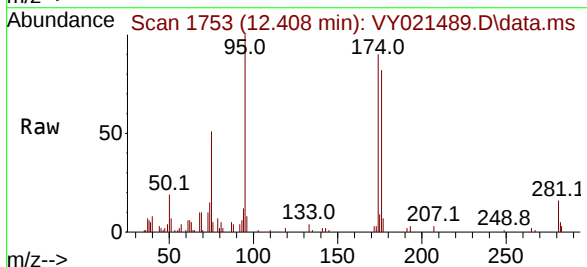
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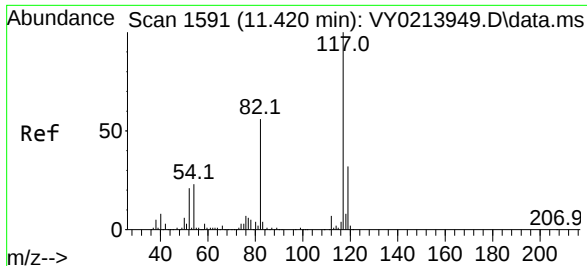
Tgt Ion: 98 Resp: 51745
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 29.731 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021489.D
Acq: 11 Mar 2025 16:18

Tgt Ion: 95 Resp: 11713
Ion Ratio Lower Upper
95 100
174 81.8 0.0 165.0
176 80.8 0.0 160.0

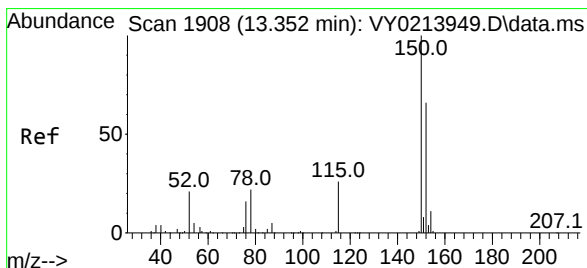
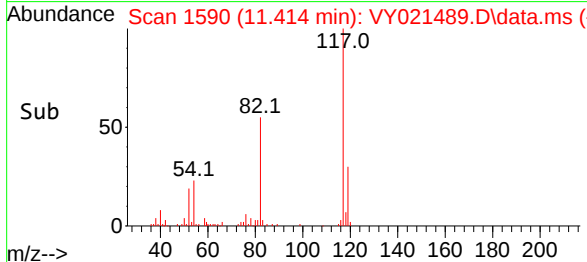
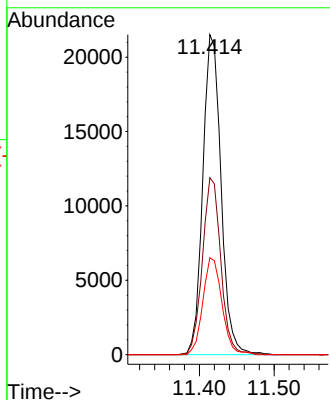
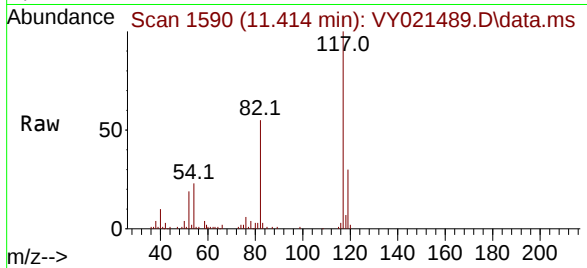




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021489.D
Acq: 11 Mar 2025 16:18

Instrument :
MSVOA_Y
ClientSampleId :
72-11930-343-COMP

Tgt Ion:117	Resp:	36444
Ion Ratio	Lower	Upper
117	100	
82	55.3	44.6 67.0
119	30.3	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: VY021489.D
Acq: 11 Mar 2025 16:18

Tgt Ion:152	Resp:	9041
Ion Ratio	Lower	Upper
152	100	
115	63.3	29.0 87.0
150	163.2	0.0 347.2

