

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021448.D
 Acq On : 06 Mar 2025 20:30
 Operator : SY/MD
 Sample : Q1463-10
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T10

Quant Time: Mar 07 00:43:18 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	8861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	11284	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	6680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4447	47.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.634	113	4149	55.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.880%
50) Toluene-d8	10.103	98	11213	39.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.860%
62) 4-Bromofluorobenzene	12.408	95	1598	16.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.460%

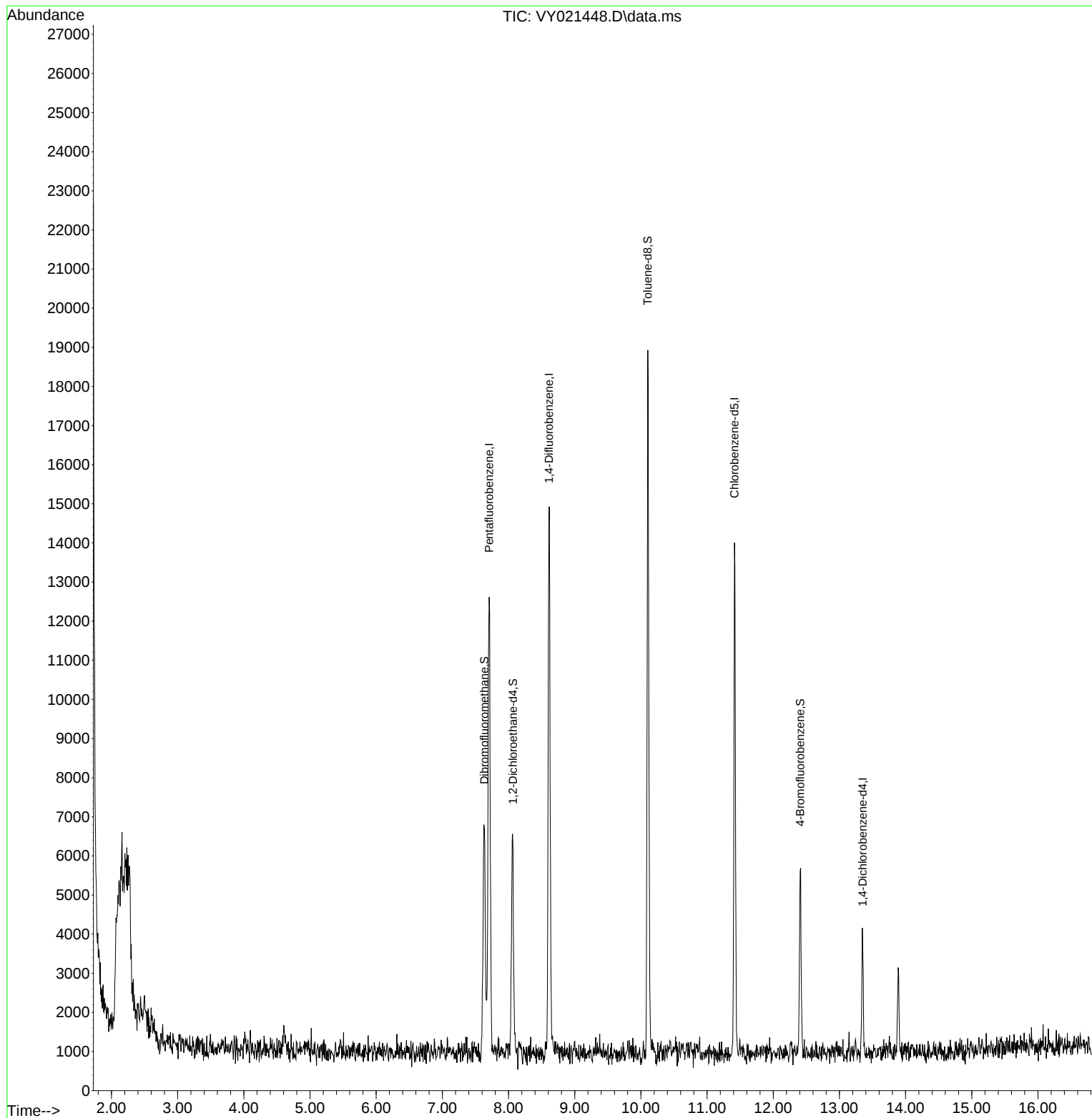
Target Compounds	Qvalue

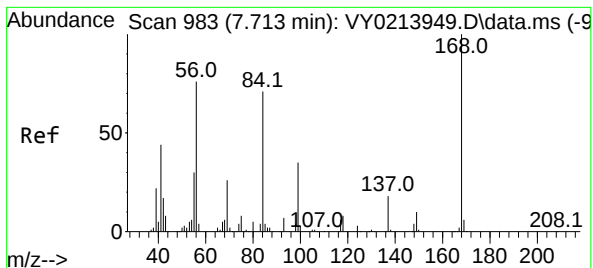
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021448.D

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Instrument :

MSVOA_Y

ClientSampleId :

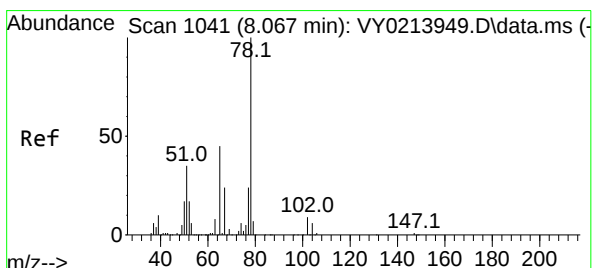
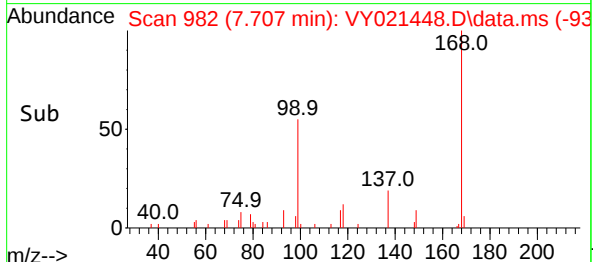
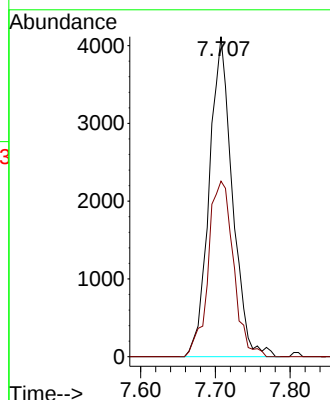
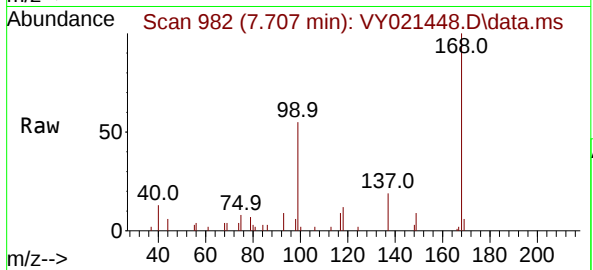
T10

Tgt Ion:168 Resp: 8861

Ion Ratio Lower Upper

168 100

99 54.8 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 47.483 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY021448.D

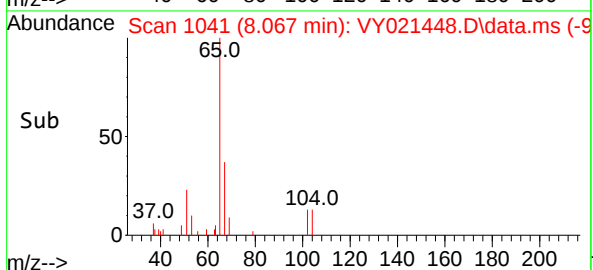
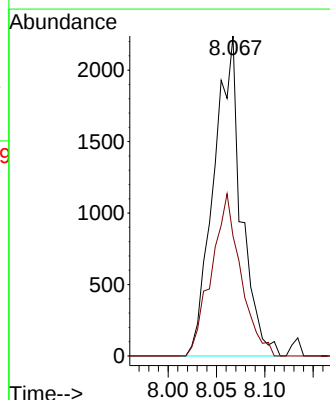
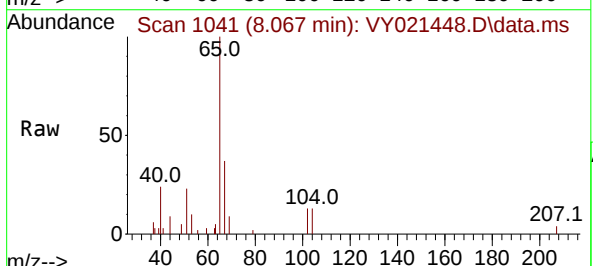
Acq: 06 Mar 2025 20:30

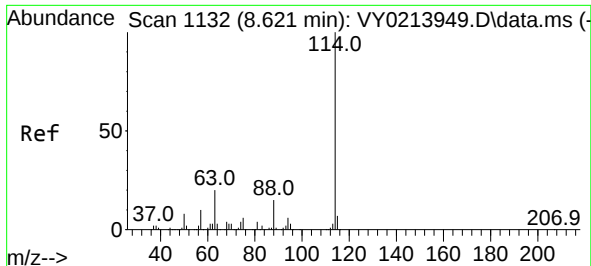
Tgt Ion: 65 Resp: 4447

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.8

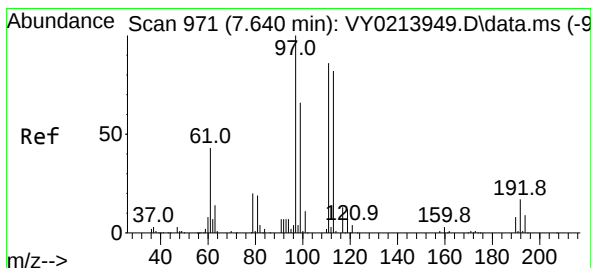
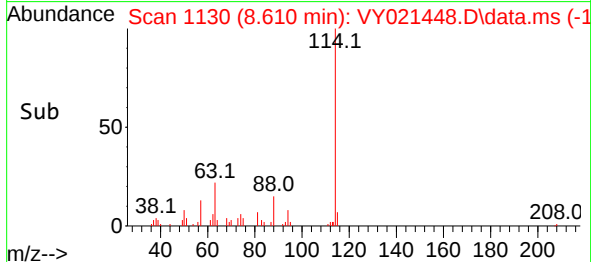
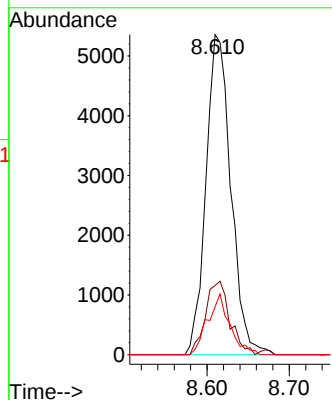
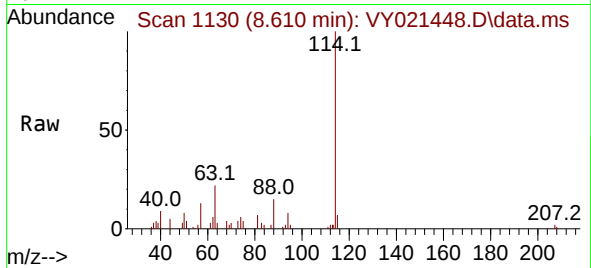




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

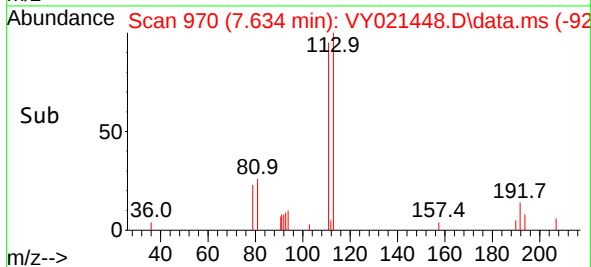
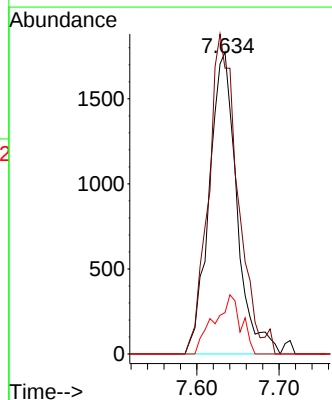
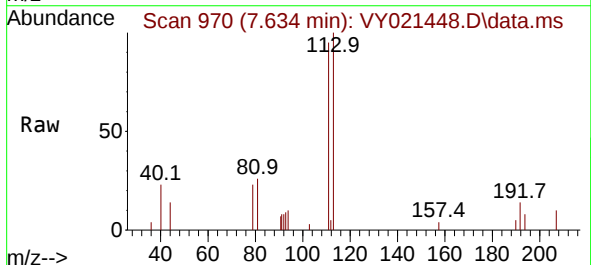
Instrument :
MSVOA_Y
ClientSampleId :
T10

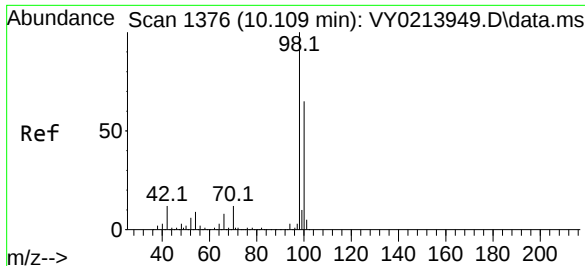
Tgt Ion:114	Resp:	11284
Ion	Ratio	Lower Upper
114	100	
63	21.6	0.0 40.8
88	15.0	0.0 30.8



#35
Dibromofluoromethane
Concen: 55.938 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

Tgt Ion:113	Resp:	4149
Ion	Ratio	Lower Upper
113	100	
111	112.6	82.0 123.0
192	19.1	15.9 23.9

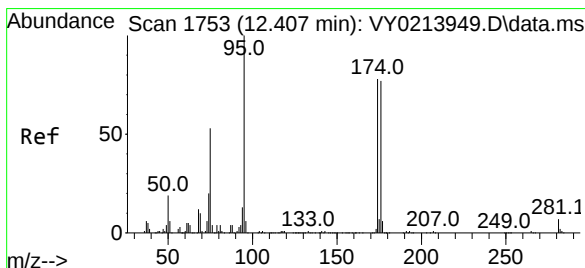
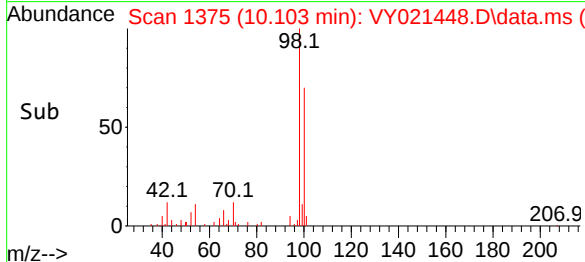
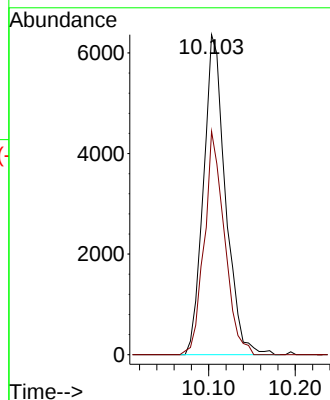
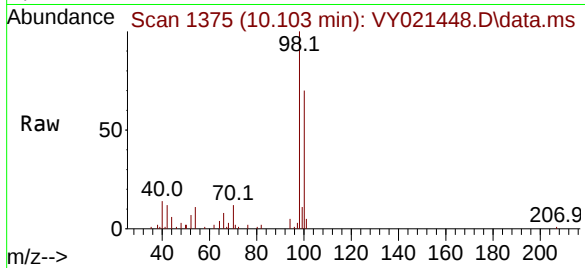




#50
Toluene-d8
Concen: 39.927 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

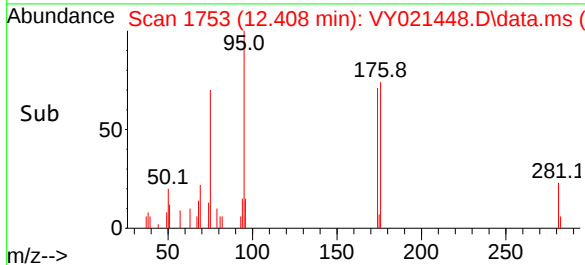
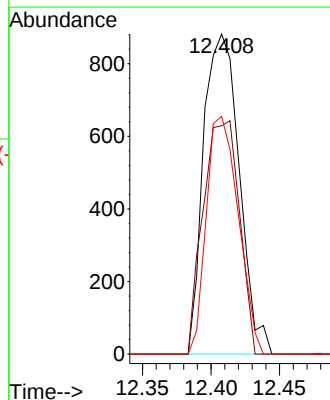
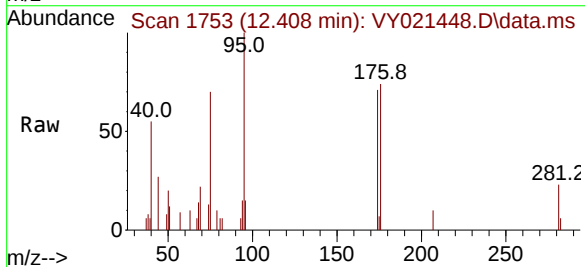
Instrument :
MSVOA_Y
ClientSampleId :
T10

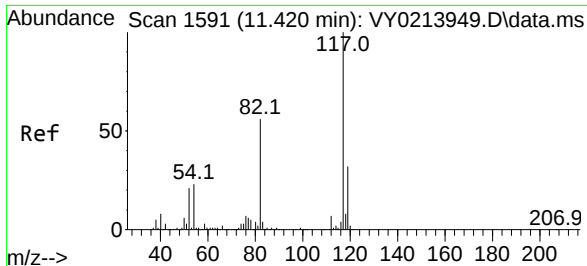
Tgt Ion: 98 Resp: 11213
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 16.728 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

Tgt Ion: 95 Resp: 1598
Ion Ratio Lower Upper
95 100
174 73.7 0.0 165.0
176 66.5 0.0 160.0

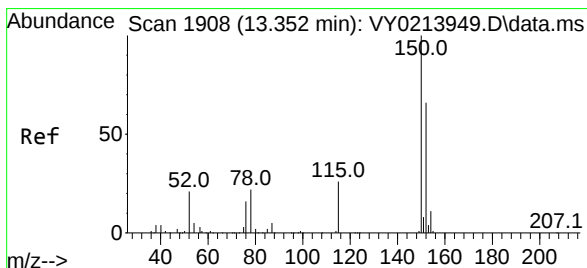
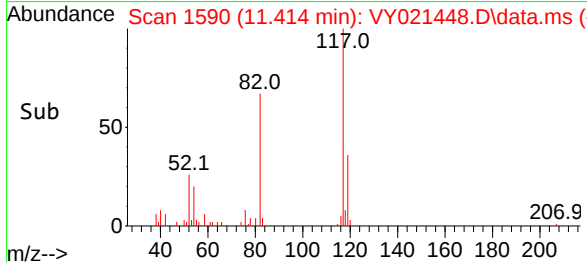
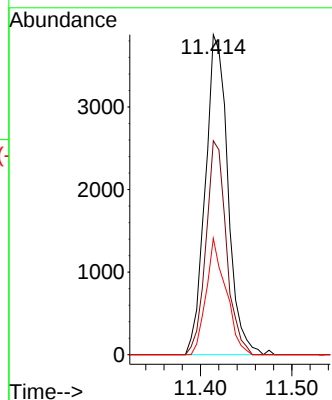
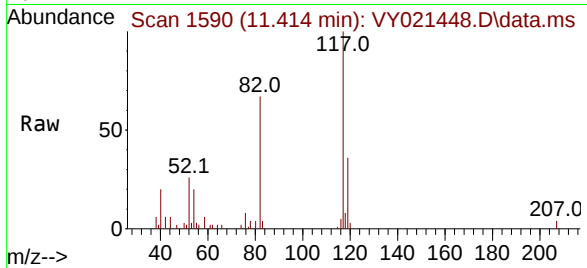




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

Instrument :
MSVOA_Y
ClientSampleId :
T10

Tgt Ion:117	Resp:	6680	
Ion	Ratio	Lower	Upper
117	100		
82	66.9	44.6	67.0
119	36.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021448.D
Acq: 06 Mar 2025 20:30

Tgt Ion:152	Resp:	917	
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.0	87.0
150	137.3	0.0	347.2

