

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021486.D
 Acq On : 11 Mar 2025 15:08
 Operator : SY/MD
 Sample : Q1524-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 11 16:09:59 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	75139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	121350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	97331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	42697	53.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.520%
35) Dibromofluoromethane	7.634	113	43676	54.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.109	98	138424	45.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.408	95	32576	31.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.420%

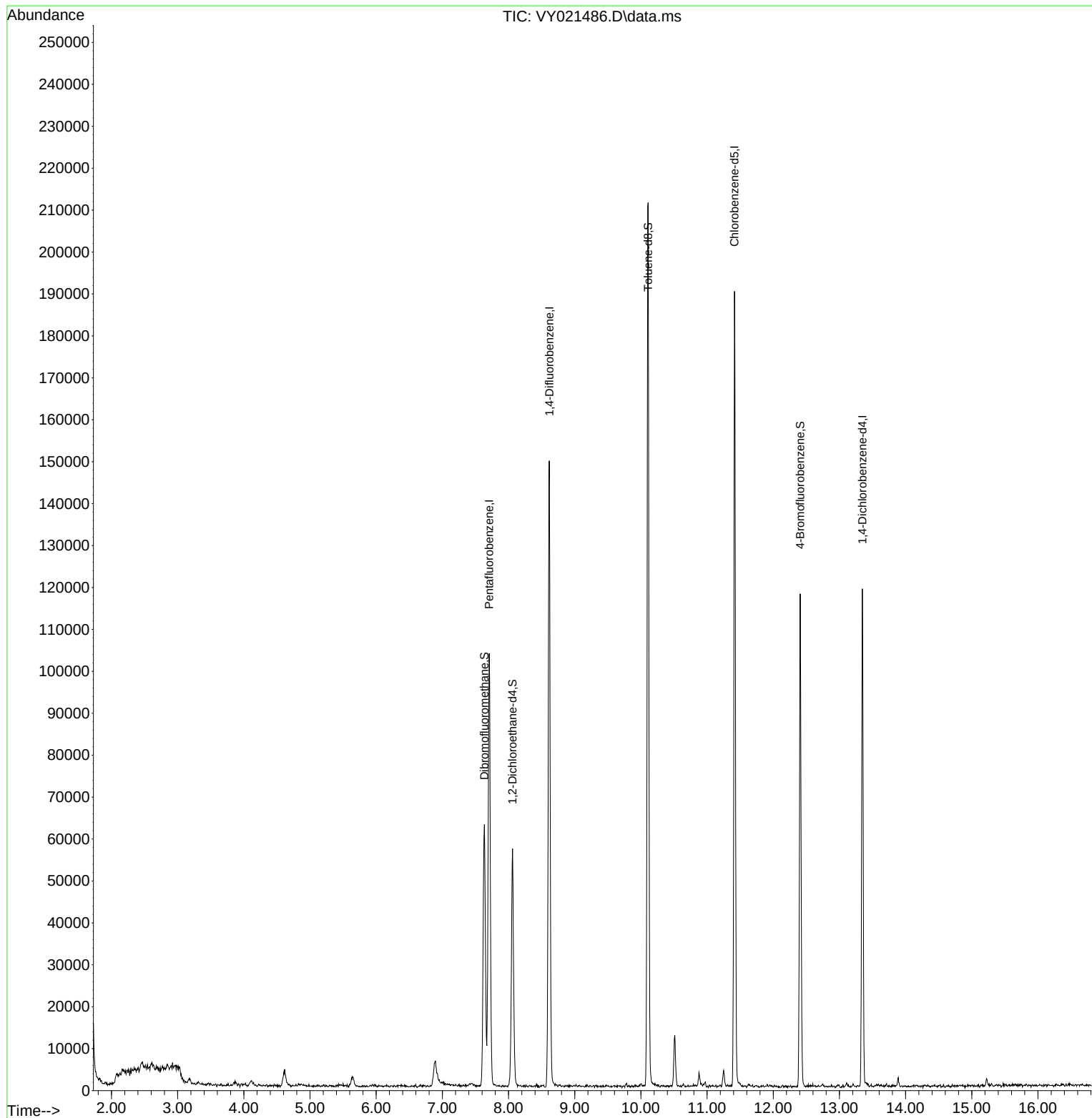
Target Compounds	Qvalue

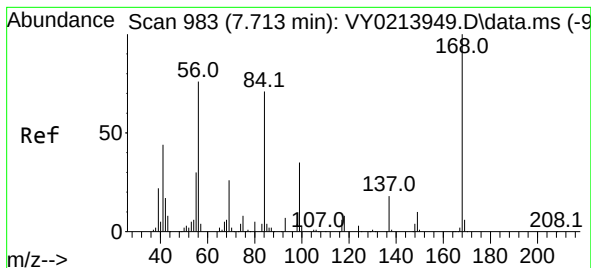
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY021486.D

Acq: 11 Mar 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

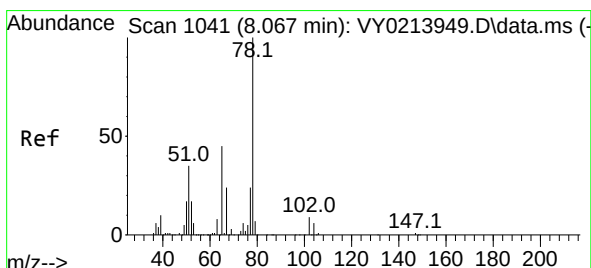
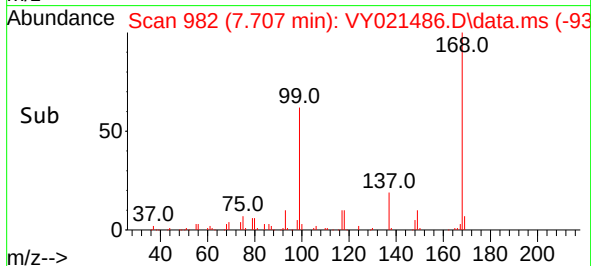
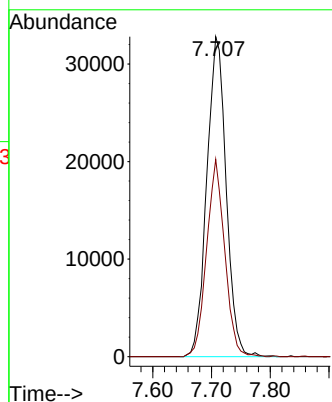
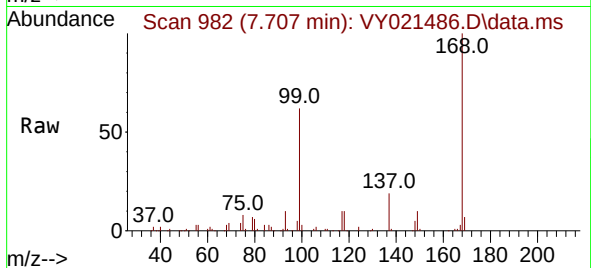
72-11930-343-COMP

Tgt Ion:168 Resp: 75139

Ion Ratio Lower Upper

168 100

99 61.7 46.0 69.0



#33

1,2-Dichloroethane-d4

Concen: 53.763 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021486.D

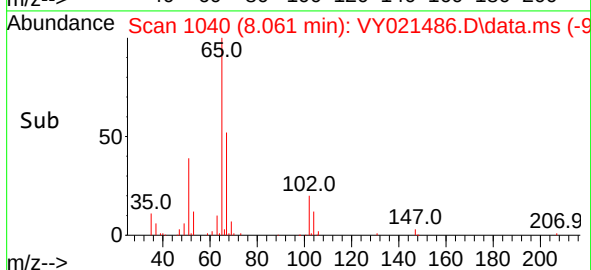
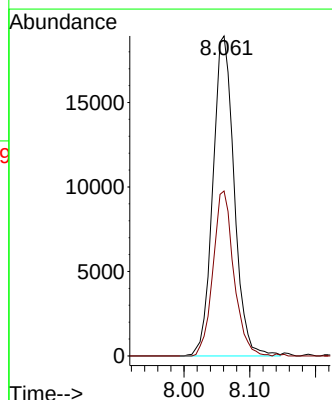
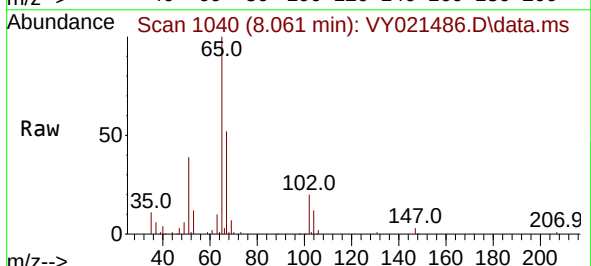
Acq: 11 Mar 2025 15:08

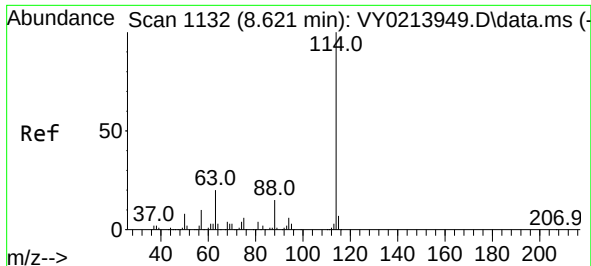
Tgt Ion: 65 Resp: 42697

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.8

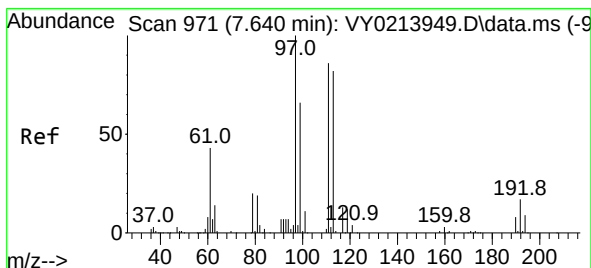
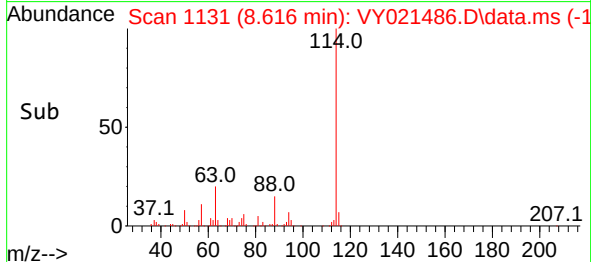
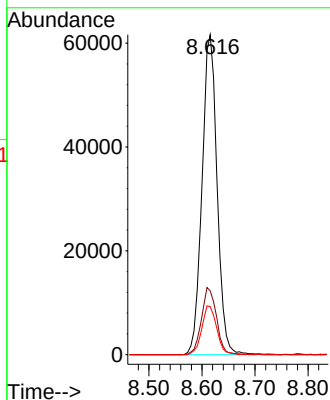
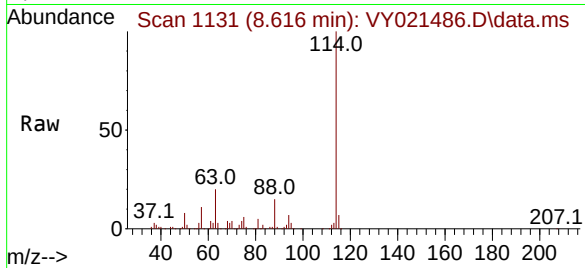




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021486.D
Acq: 11 Mar 2025 15:08

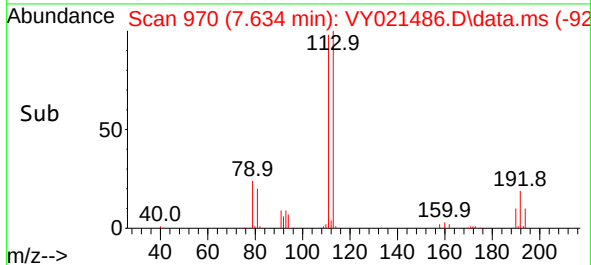
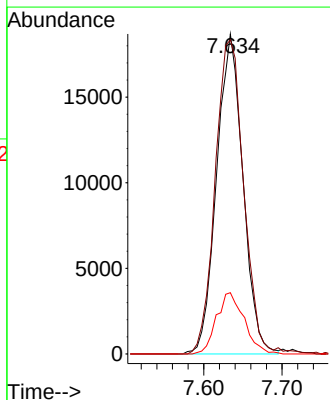
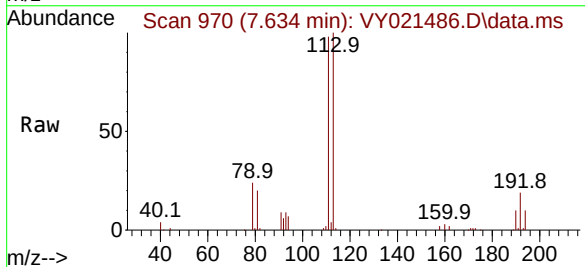
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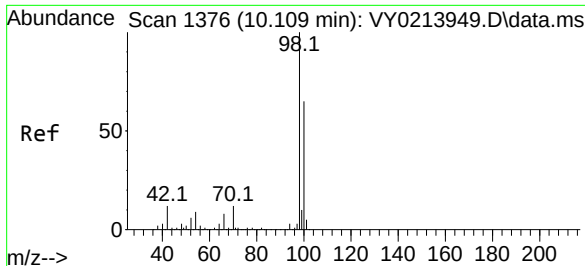
Tgt Ion:114 Resp: 121350
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.756 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021486.D
Acq: 11 Mar 2025 15:08

Tgt Ion:113 Resp: 43676
Ion Ratio Lower Upper
113 100
111 106.2 82.0 123.0
192 20.1 15.9 23.9

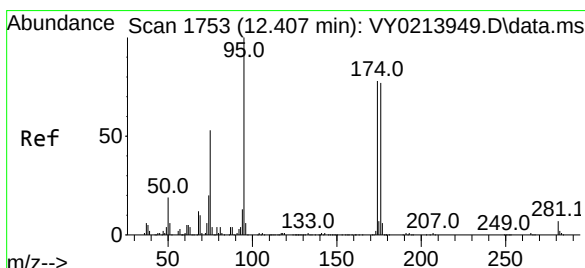
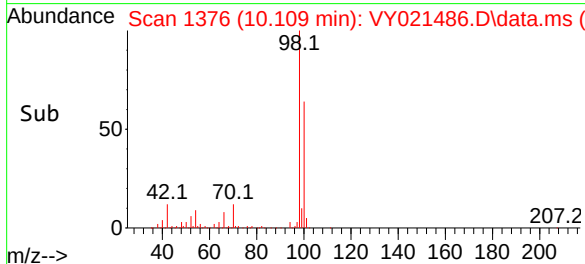
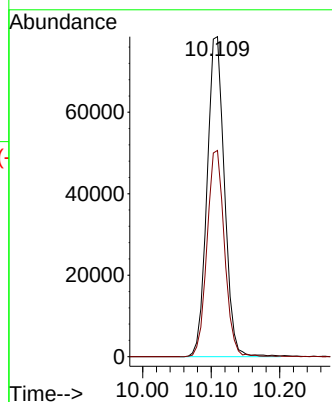
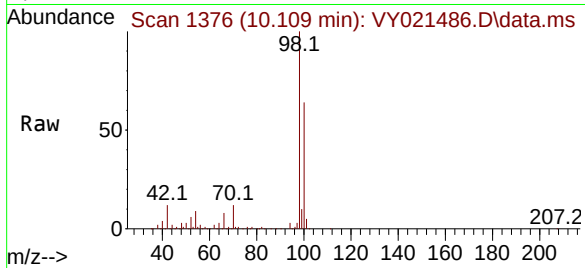




#50
Toluene-d8
Concen: 45.833 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021486.D
Acq: 11 Mar 2025 15:08

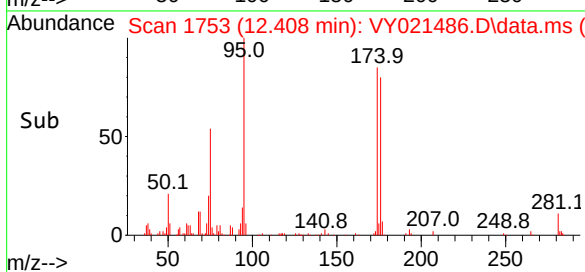
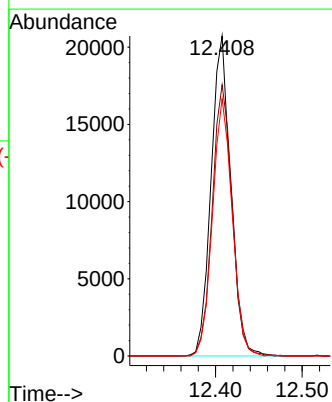
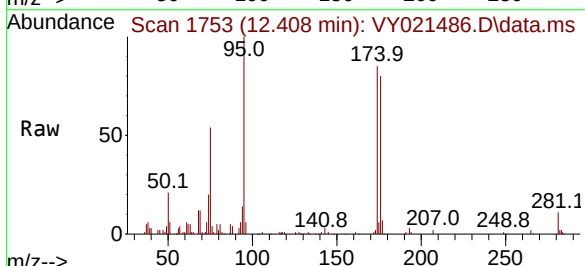
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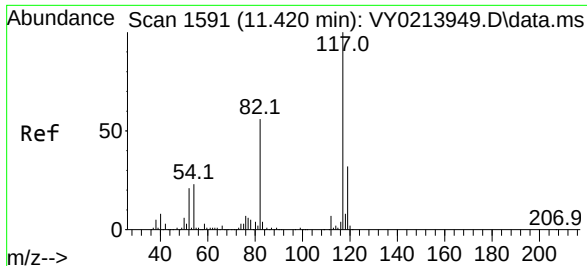
Tgt Ion: 98 Resp: 138424
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 31.709 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021486.D
Acq: 11 Mar 2025 15:08

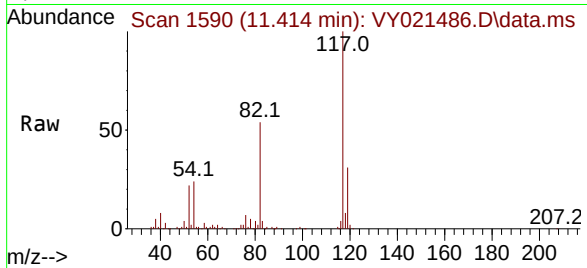
Tgt Ion: 95 Resp: 32576
Ion Ratio Lower Upper
95 100
174 87.0 0.0 165.0
176 81.0 0.0 160.0





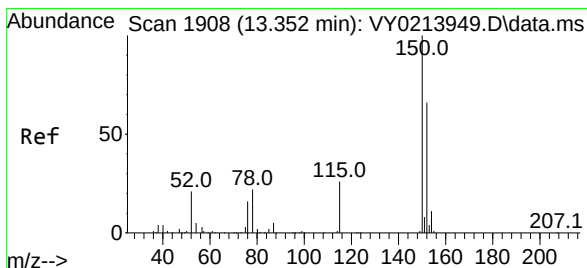
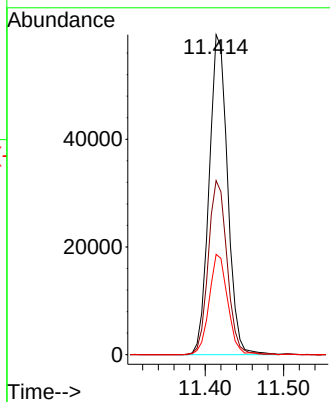
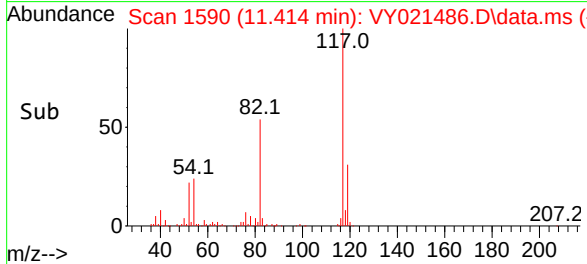
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021486.D
Acq: 11 Mar 2025 15:08

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

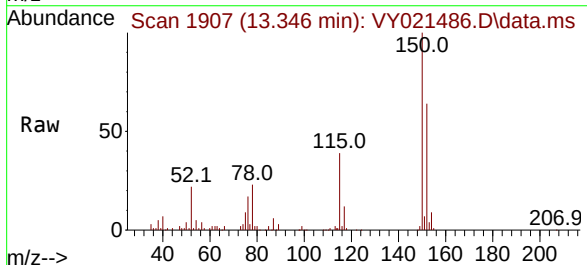


Tgt Ion:117 Resp: 97331

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.3	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: VY021486.D
Acq: 11 Mar 2025 15:08



Tgt Ion:152 Resp: 29177

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.0	87.0
150	154.4	0.0	347.2

