

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022061.D
 Acq On : 29 Apr 2025 17:03
 Operator : SY/MD
 Sample : Q1903-01
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Apr 30 01:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

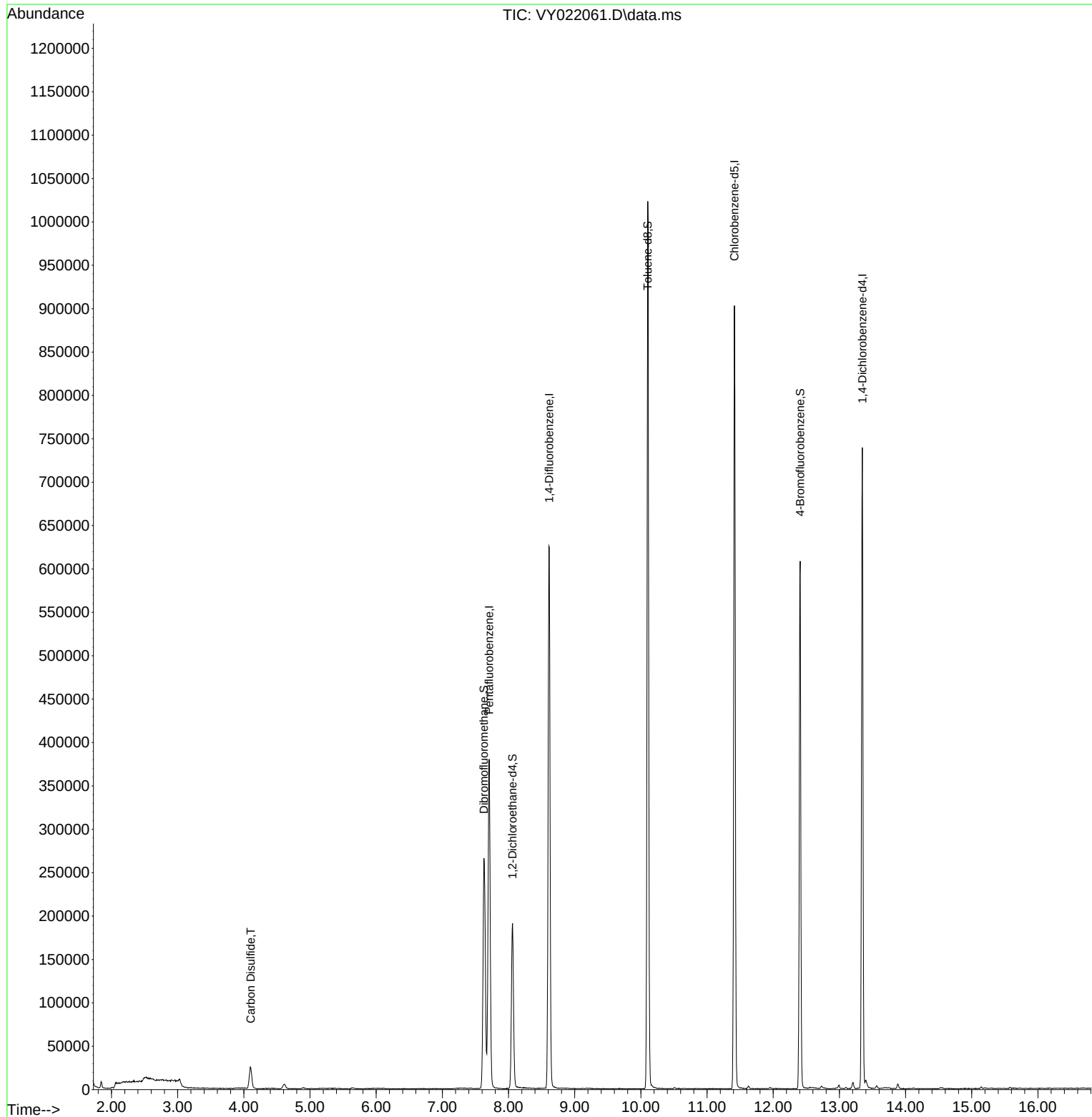
Internal Standards						
1) Pentafluorobenzene	7.707	168	295057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	563717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	508046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151548	55.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.628	113	192539	51.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.103	98	680240	48.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.408	95	191764	40.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.140%
Target Compounds						
17) Carbon Disulfide	4.104	76	51995	5.560	ug/l	Qvalue 98

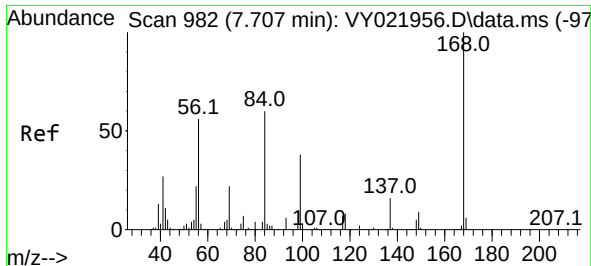
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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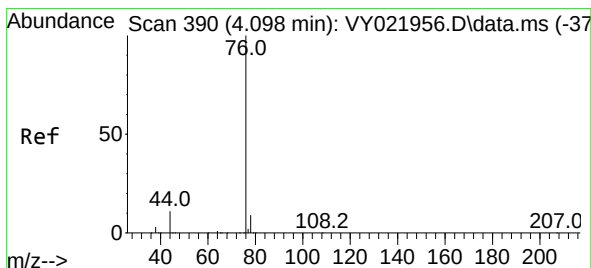
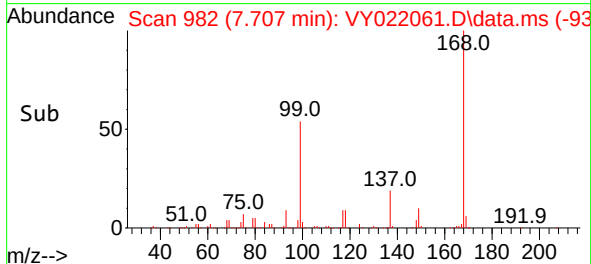
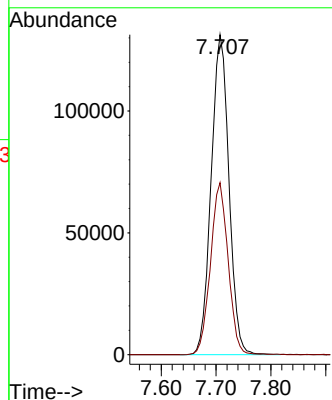
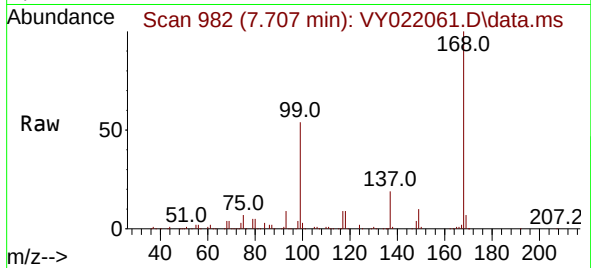




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

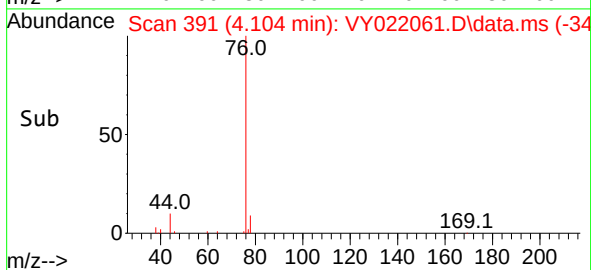
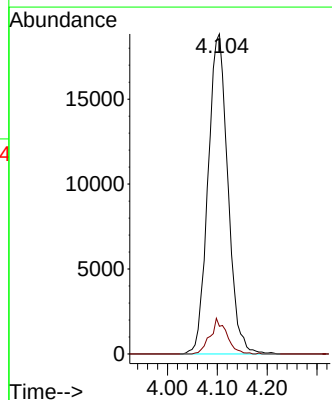
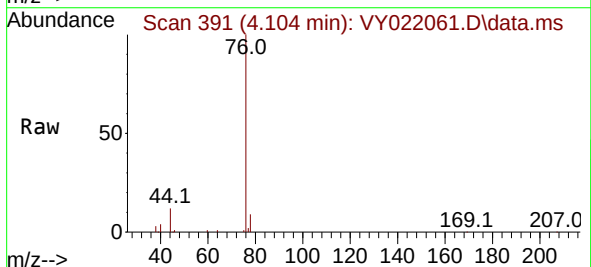
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

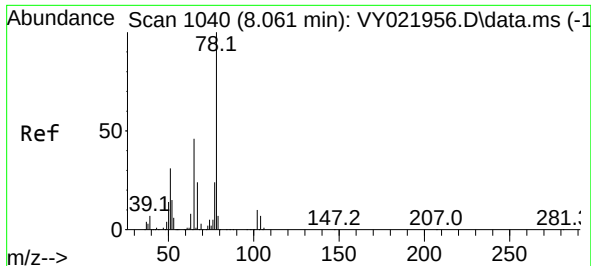
Tgt Ion:168 Resp: 295057
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#17
Carbon Disulfide
Concen: 5.560 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

Tgt Ion: 76 Resp: 51995
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4





#33

1,2-Dichloroethane-d4

Concen: 55.606 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022061.D

Acq: 29 Apr 2025 17:03

Instrument :

MSVOA_Y

ClientSampleId :

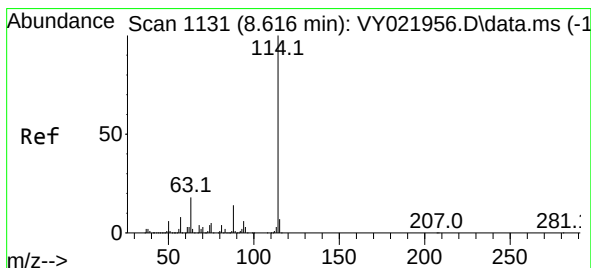
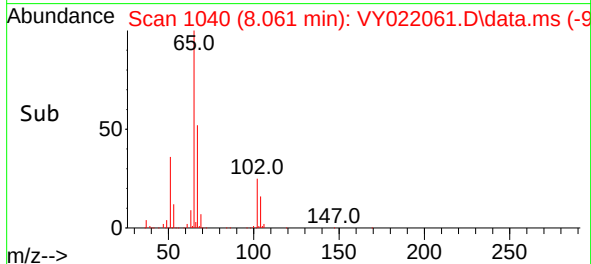
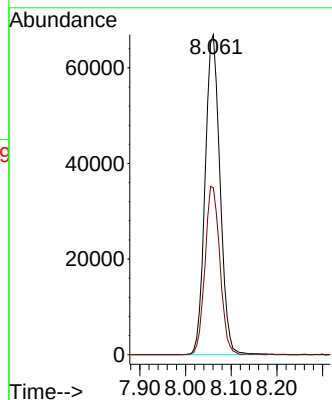
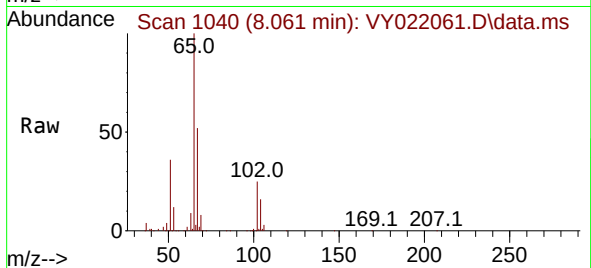
COMP-4

Tgt Ion: 65 Resp: 151548

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022061.D

Acq: 29 Apr 2025 17:03

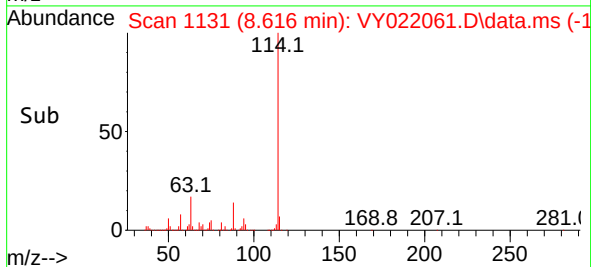
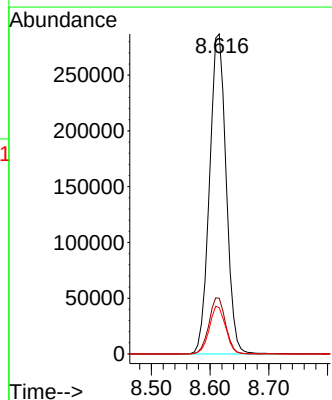
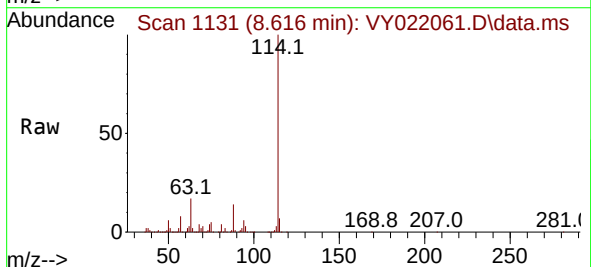
Tgt Ion: 114 Resp: 563717

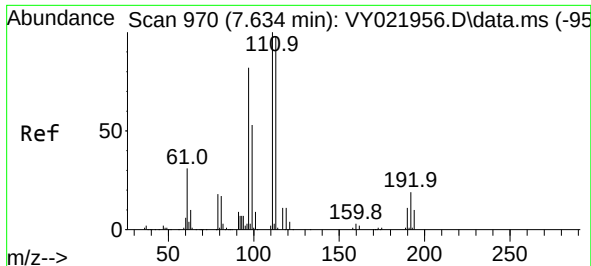
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.5 0.0 28.2

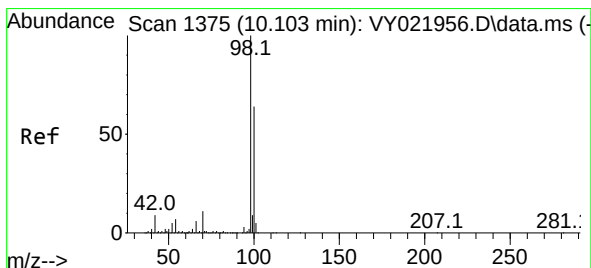
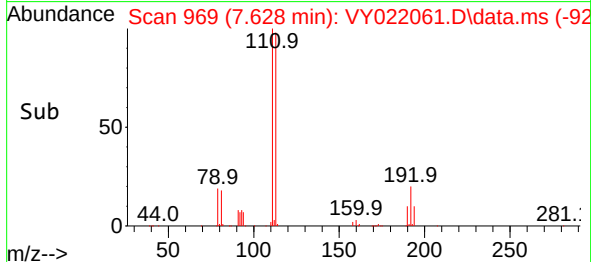
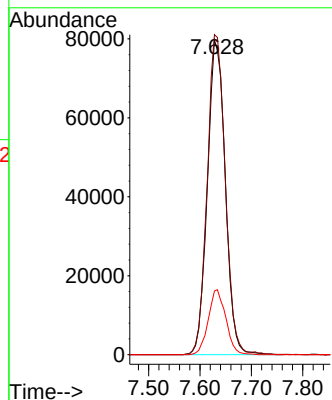
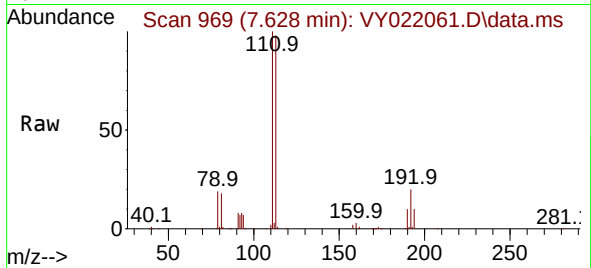




#35
Dibromofluoromethane
Concen: 51.699 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

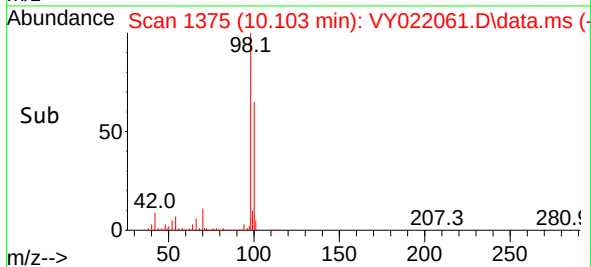
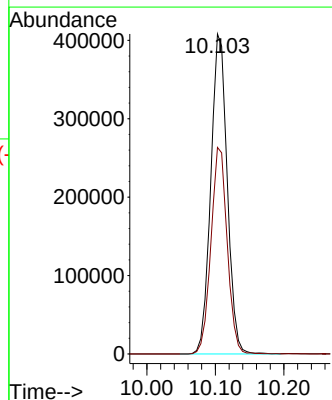
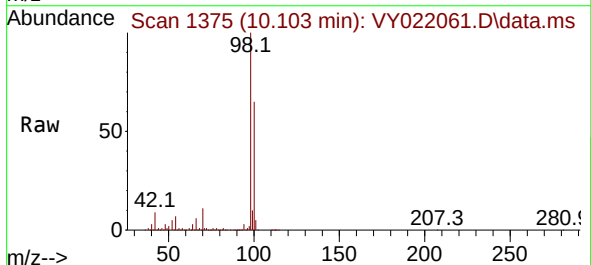
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

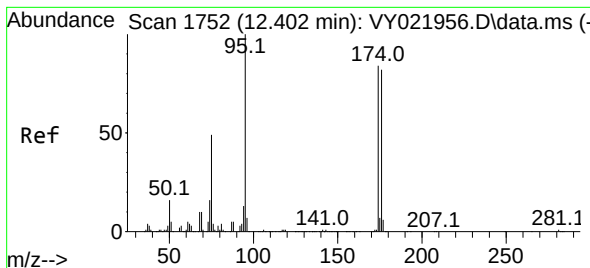
Tgt Ion:113 Resp: 192539
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 20.3 15.6 23.4



#50
Toluene-d8
Concen: 48.449 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

Tgt Ion: 98 Resp: 680240
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

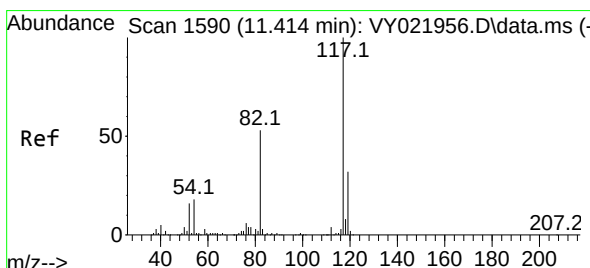
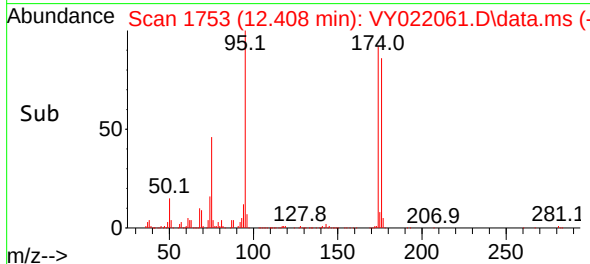
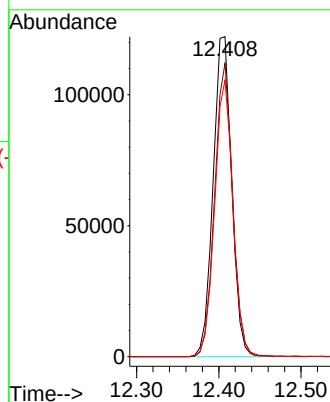
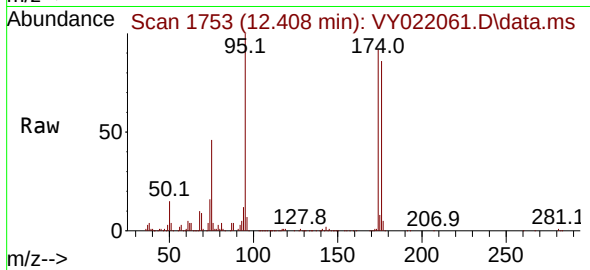




#62
4-Bromofluorobenzene
Concen: 40.572 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

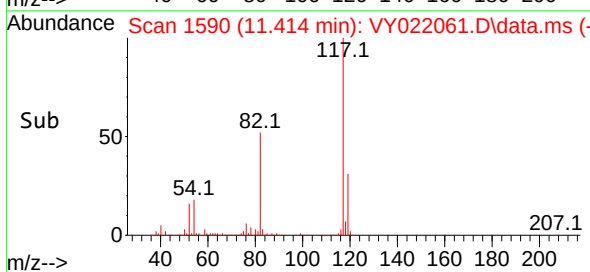
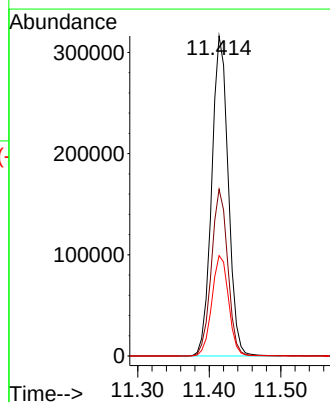
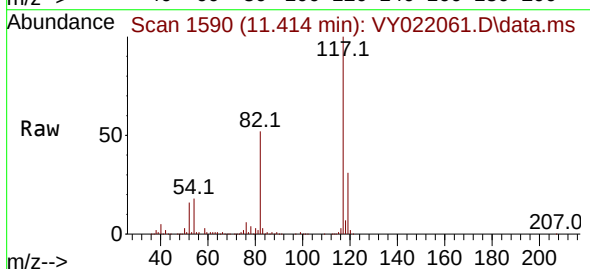
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

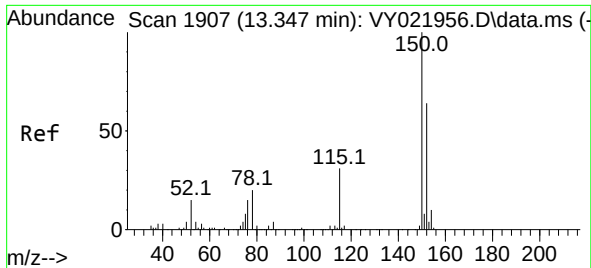
Tgt Ion: 95 Resp: 191764
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.0
176 85.1 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022061.D
Acq: 29 Apr 2025 17:03

Tgt Ion: 117 Resp: 508046
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022061.D

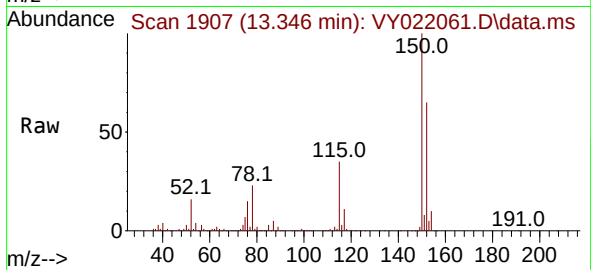
Acq: 29 Apr 2025 17:03

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4



Tgt Ion:152 Resp: 196340

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

150 156.1 0.0 345.6

