

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
 Data File : VY023526.D
 Acq On : 21 Oct 2025 11:26
 Operator : SY/MD
 Sample : Q3382-01
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CENTRAL-AVE-TP

Quant Time: Oct 22 14:15:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

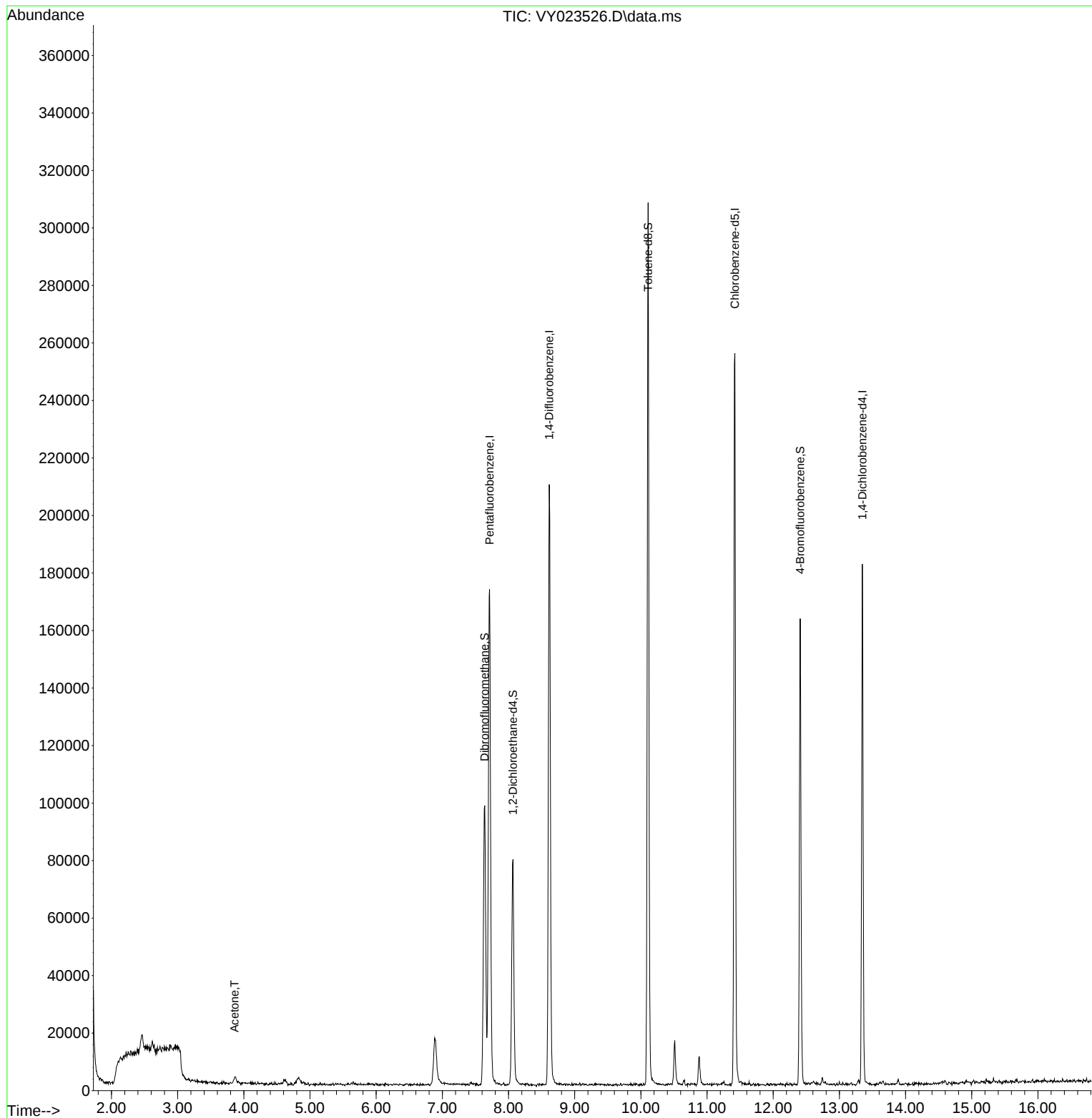
Internal Standards						
1) Pentafluorobenzene	7.713	168	145534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	196337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	151111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	49371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	61240	50.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.640	113	71541	59.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.600%	
50) Toluene-d8	10.109	98	210552	46.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.720%	
62) 4-Bromofluorobenzene	12.408	95	47751	32.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.380%	
Target Compounds						
16) Acetone	3.860	43	4266	14.724	ug/l	Qvalue # 82

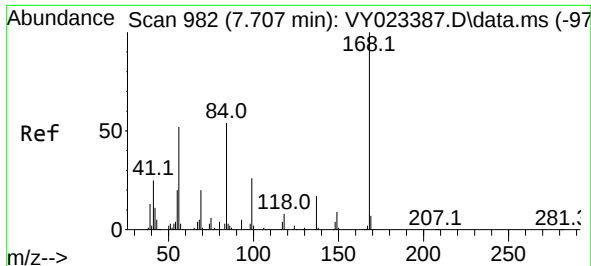
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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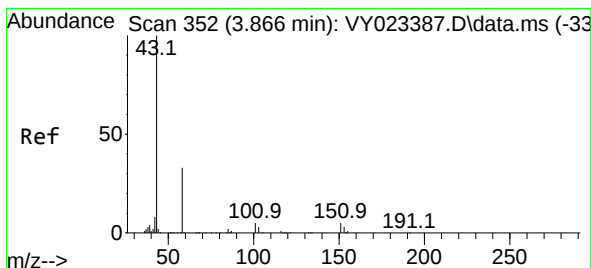
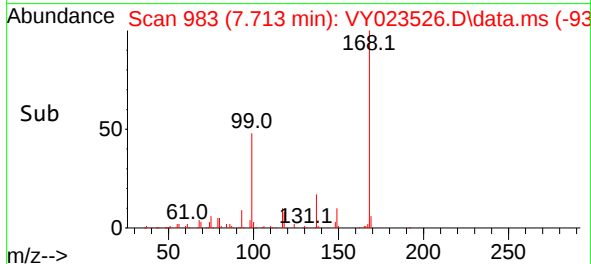
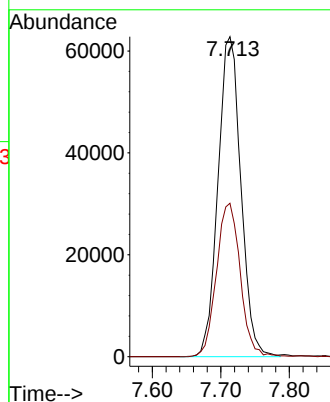
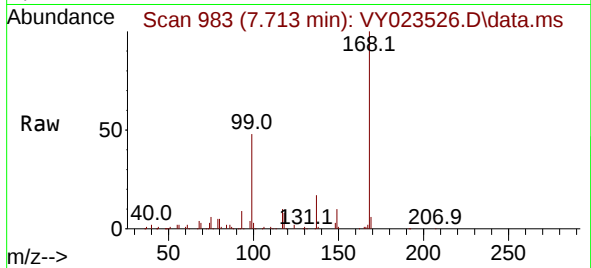




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

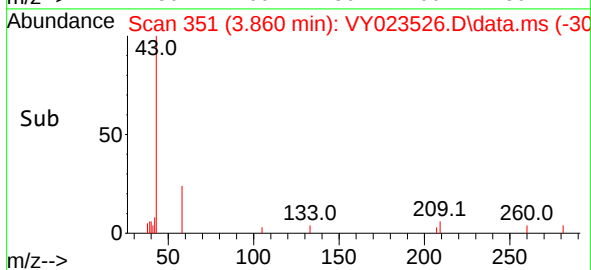
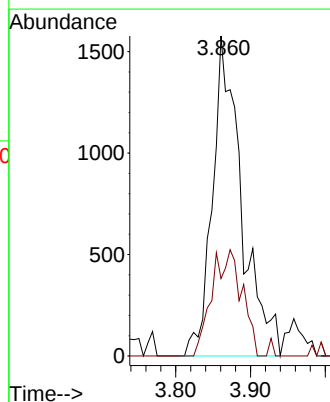
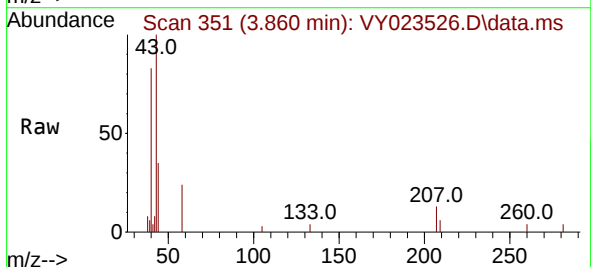
Instrument :
MSVOA_Y
ClientSampleId :
CENTRAL-AVE-TP

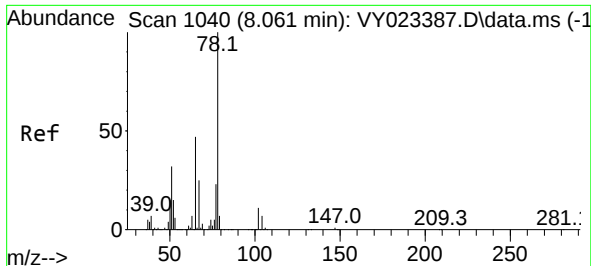
Tgt Ion:168 Resp: 145534
Ion Ratio Lower Upper
168 100
99 48.0 39.7 59.5



#16
Acetone
Concen: 14.724 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
58 24.2 27.7 41.5#





#33

1,2-Dichloroethane-d4

Concen: 50.321 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY023526.D

Acq: 21 Oct 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

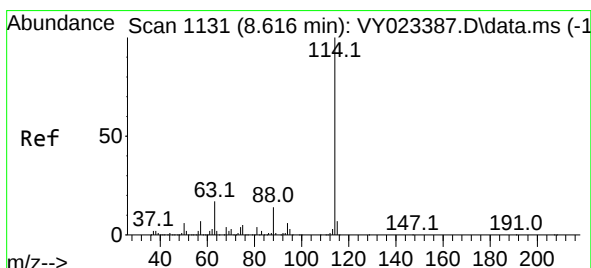
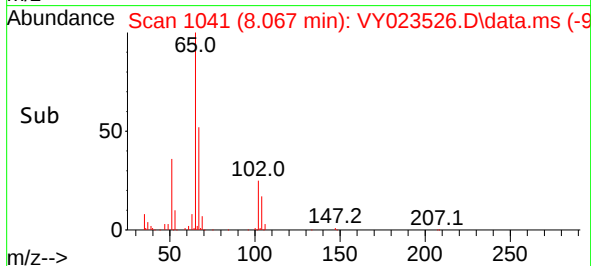
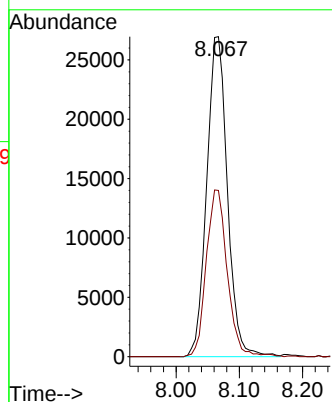
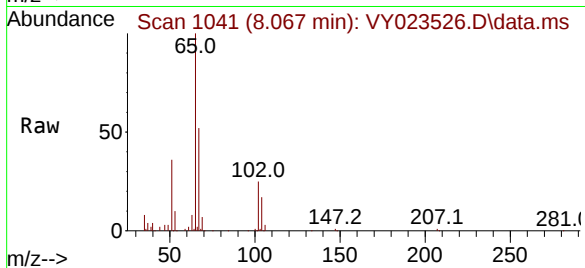
CENTRAL-AVE-TP

Tgt Ion: 65 Resp: 61240

Ion Ratio Lower Upper

65 100

67 52.9 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: VY023526.D

Acq: 21 Oct 2025 11:26

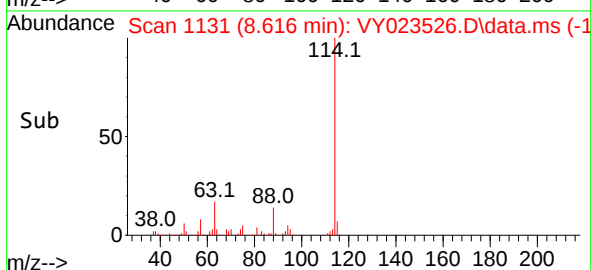
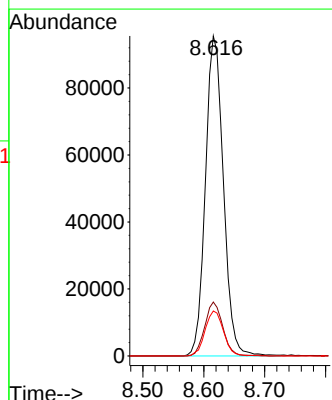
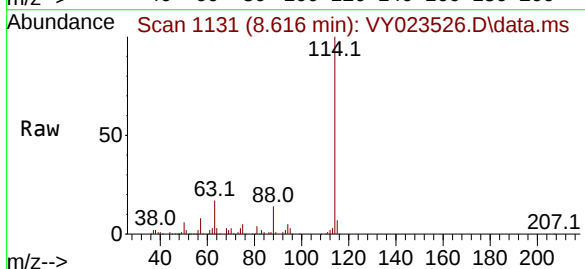
Tgt Ion: 114 Resp: 196337

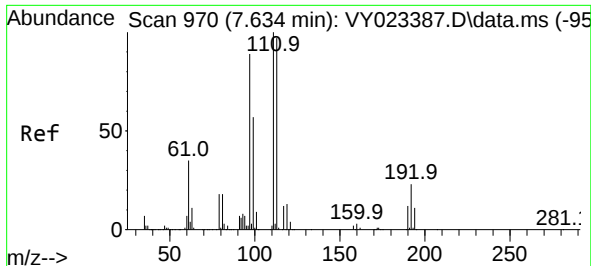
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

88 14.0 0.0 28.4

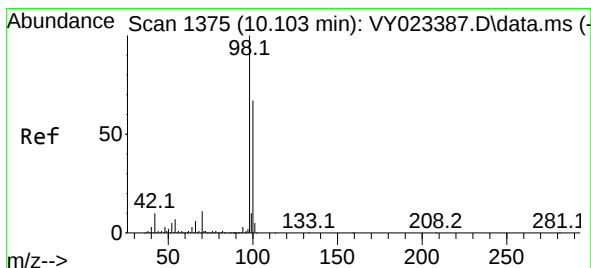
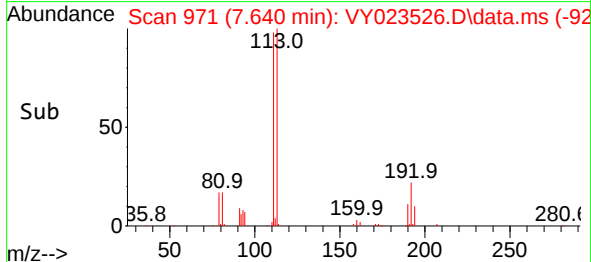
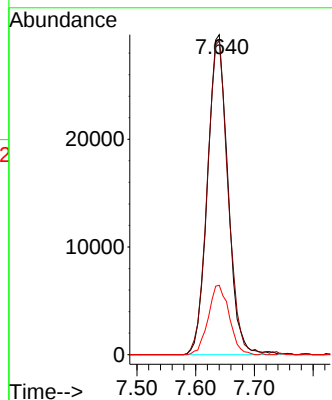
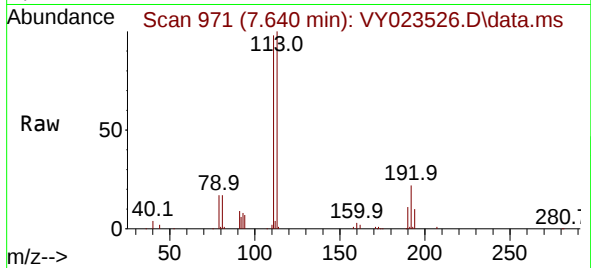




#35
Dibromofluoromethane
Concen: 59.301 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

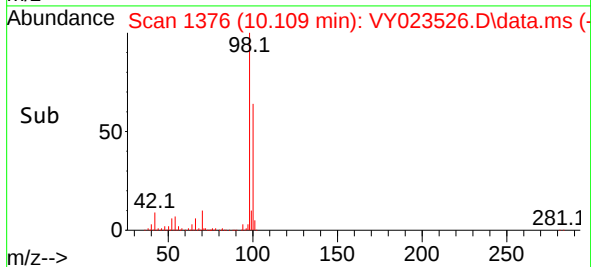
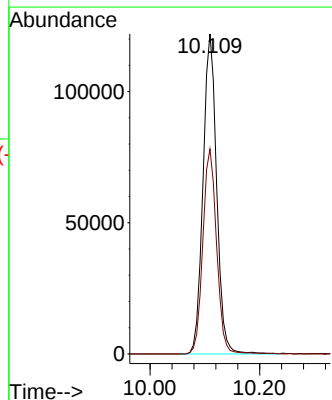
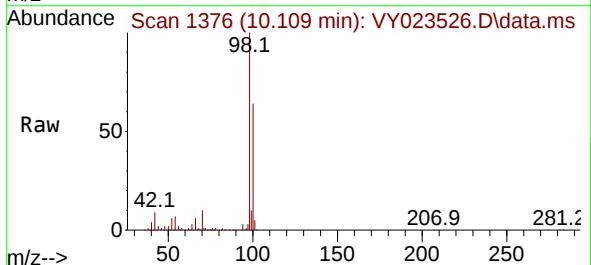
Instrument :
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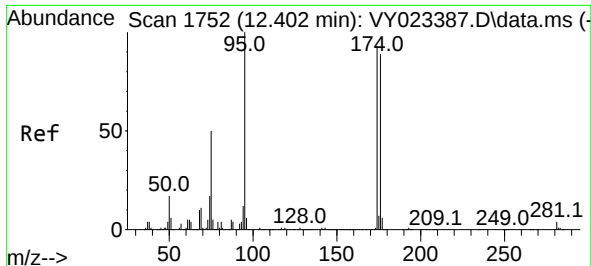
Tgt Ion:113 Resp: 71541
Ion Ratio Lower Upper
113 100
111 99.6 81.8 122.6
192 22.4 18.0 27.0



#50
Toluene-d8
Concen: 46.865 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

Tgt Ion: 98 Resp: 210552
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

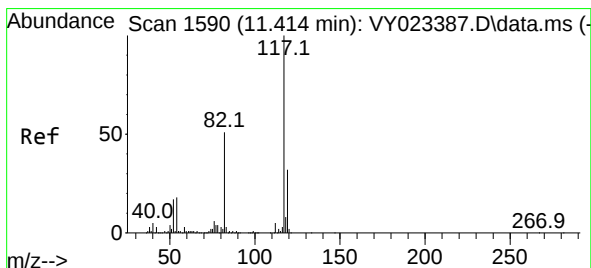
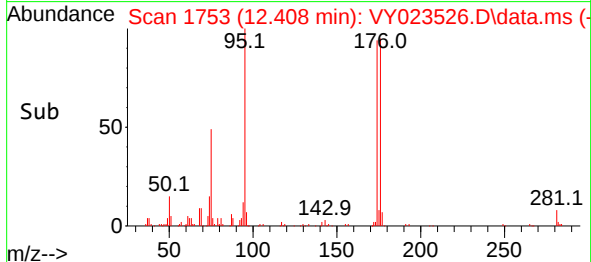
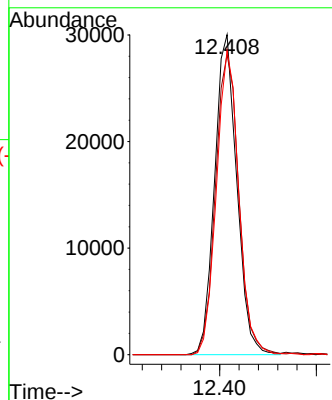
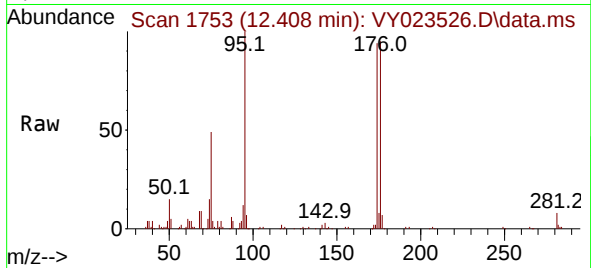




#62
4-Bromofluorobenzene
Concen: 32.193 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

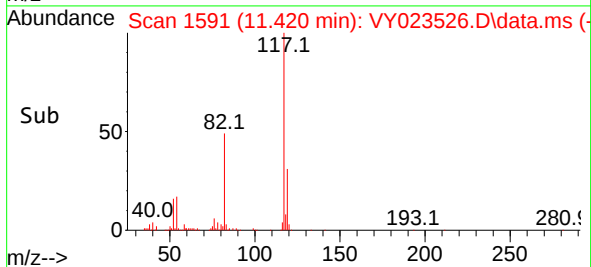
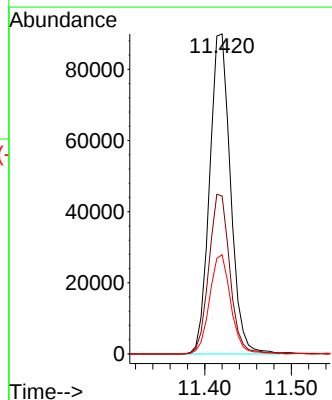
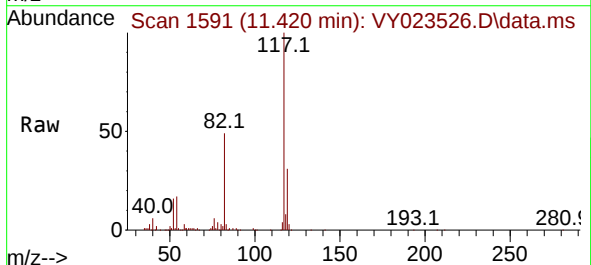
Instrument :
MSVOA_Y
ClientSampleId :
CENTRAL-AVE-TP

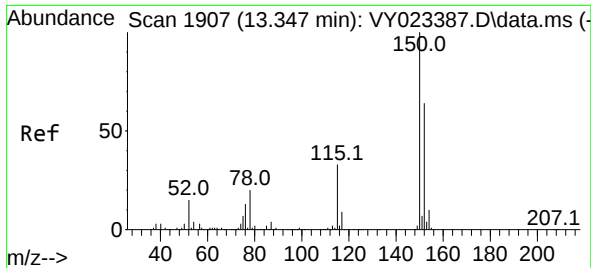
Tgt Ion: 95 Resp: 47751
Ion Ratio Lower Upper
95 100
174 98.5 0.0 192.8
176 95.5 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023526.D
Acq: 21 Oct 2025 11:26

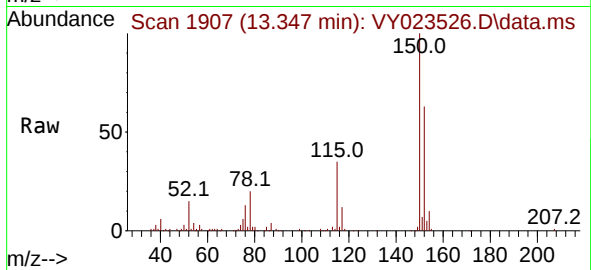
Tgt Ion: 117 Resp: 151111
Ion Ratio Lower Upper
117 100
82 49.3 41.0 61.4
119 31.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023526.D
 Acq: 21 Oct 2025 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CENTRAL-AVE-TP



Tgt Ion:152 Resp: 49371
 Ion Ratio Lower Upper
 152 100
 115 52.4 27.1 81.2
 150 157.8 0.0 347.4

