

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022479.D
 Acq On : 30 May 2025 15:28
 Operator : SY/MD
 Sample : Q2159-02
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP05-MHO-VOC

Quant Time: May 31 02:28:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

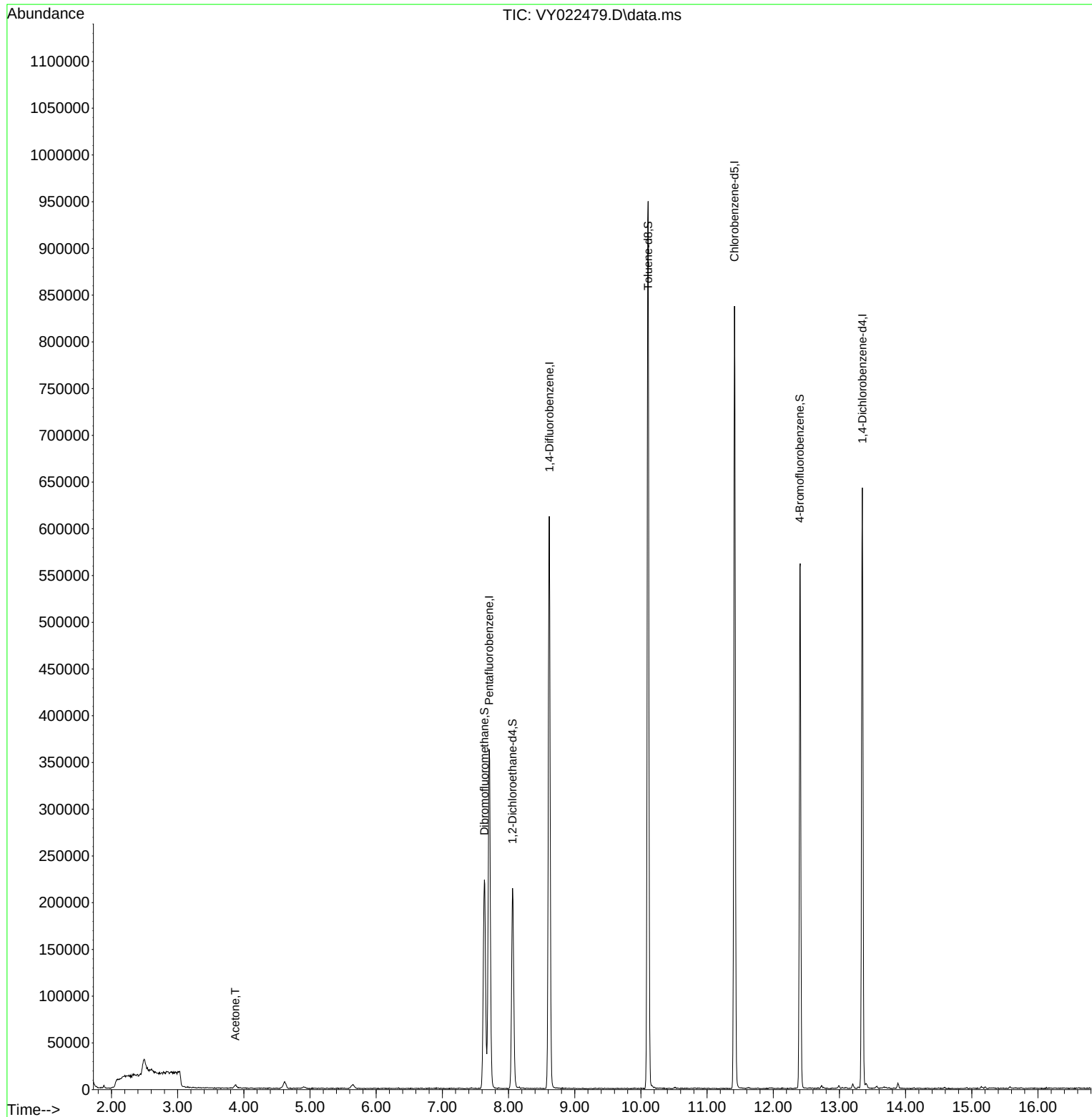
Internal Standards						
1) Pentafluorobenzene	7.707	168	272922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	504441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	147716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160983	56.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.634	113	154457	52.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.109	98	605230	50.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.402	95	156353	42.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.840%
Target Compounds						
16) Acetone	3.873	43	6061	12.831	ug/l	Qvalue 92

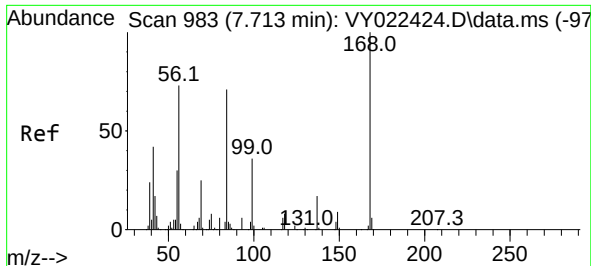
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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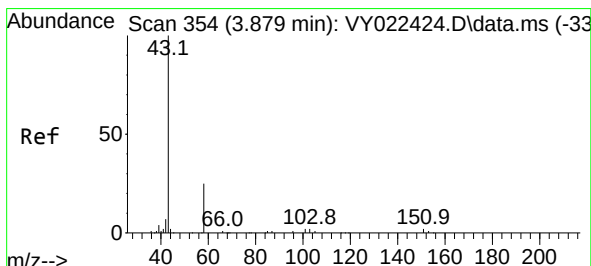
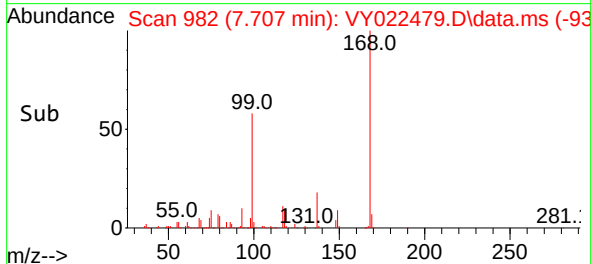
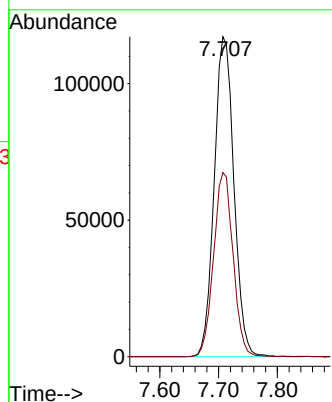
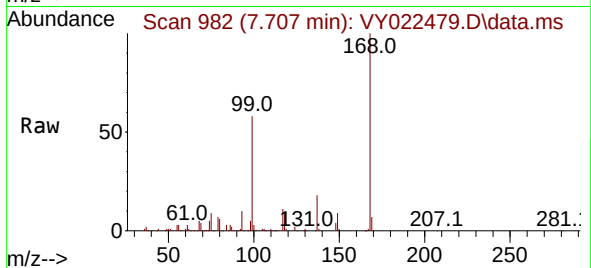




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

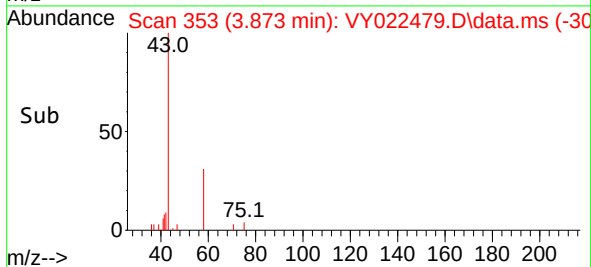
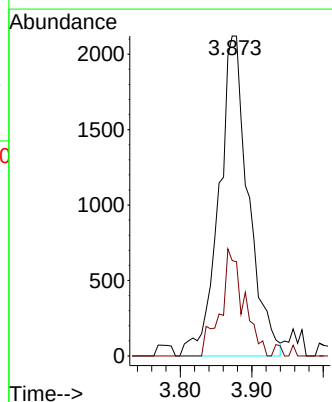
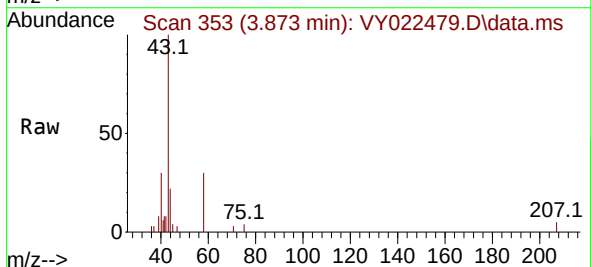
Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHO-VOC

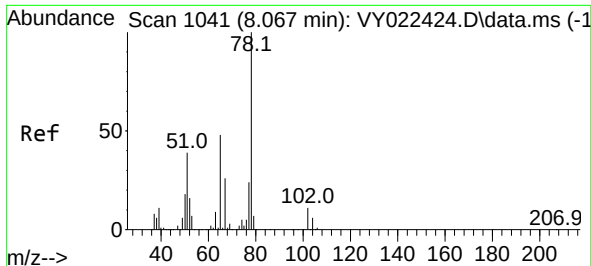
Tgt Ion:168 Resp: 272922
Ion Ratio Lower Upper
168 100
99 57.6 44.7 67.1



#16
Acetone
Concen: 12.831 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

Tgt Ion: 43 Resp: 6061
Ion Ratio Lower Upper
43 100
58 29.8 20.6 30.8





#33

1,2-Dichloroethane-d4

Concen: 56.000 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022479.D

Acq: 30 May 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

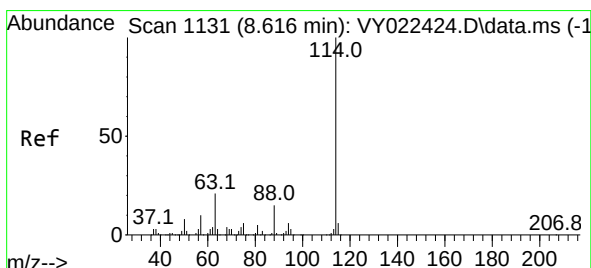
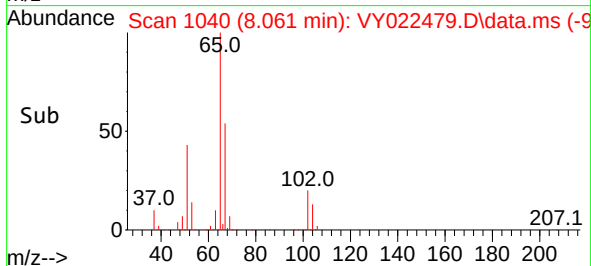
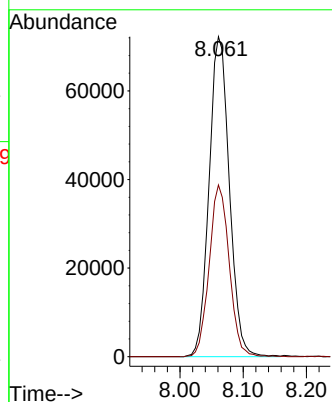
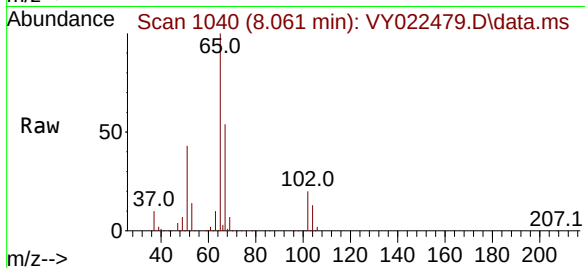
TP05-MHO-VOC

Tgt Ion: 65 Resp: 160983

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022479.D

Acq: 30 May 2025 15:28

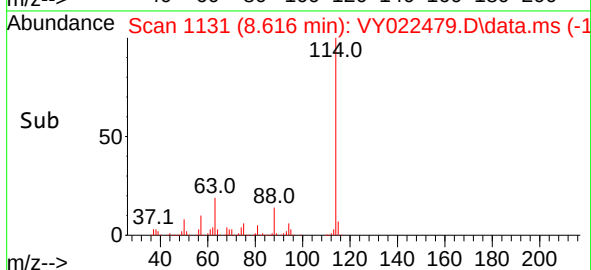
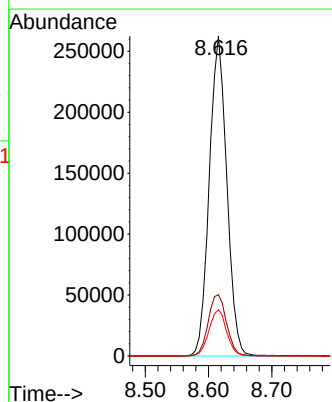
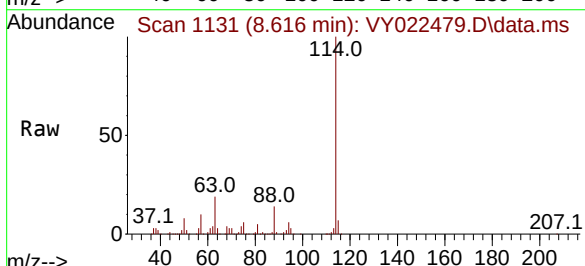
Tgt Ion: 114 Resp: 504441

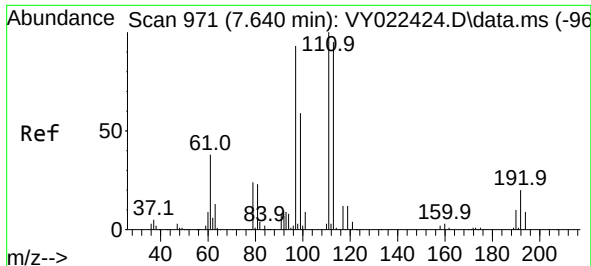
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 14.5 0.0 29.4

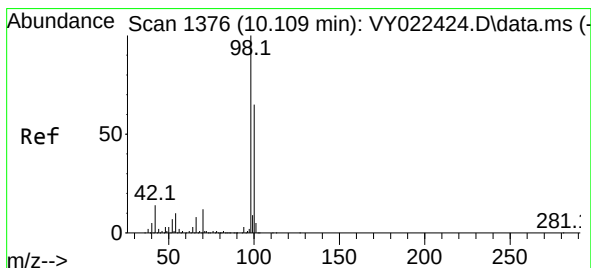
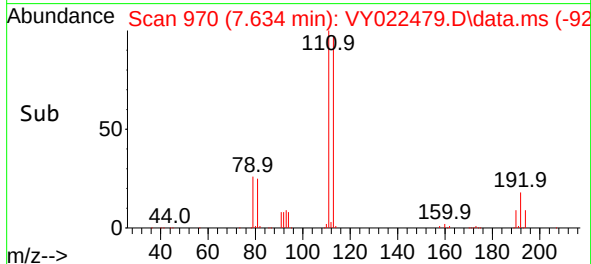
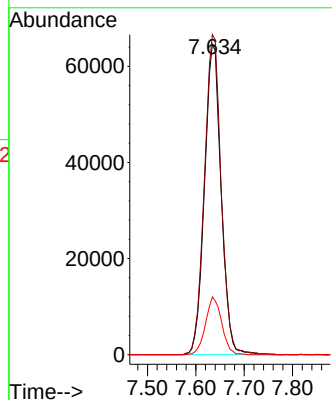
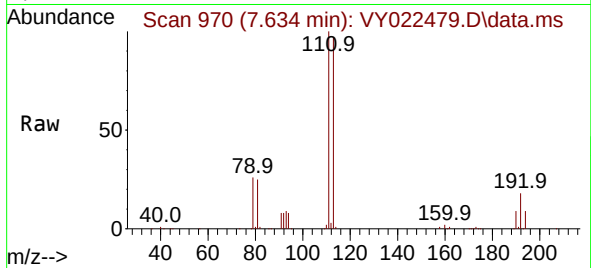




#35
Dibromofluoromethane
Concen: 52.285 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

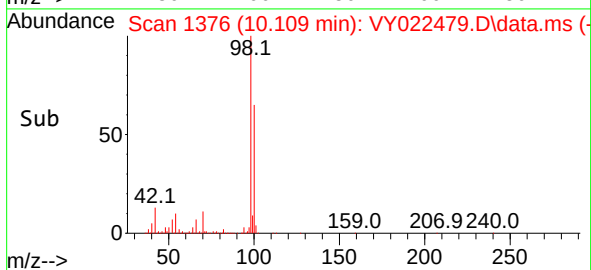
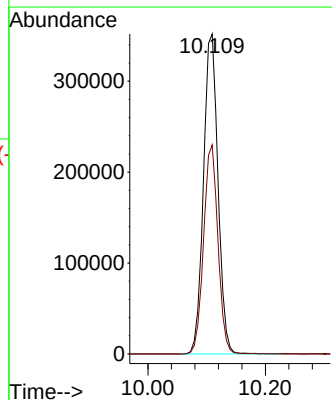
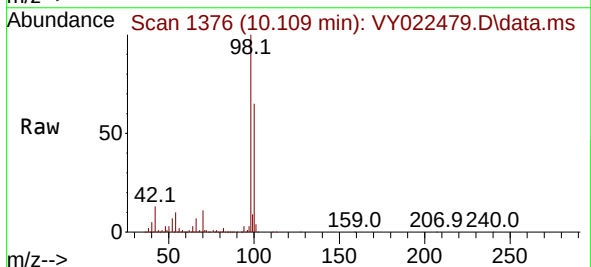
Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHO-VOC

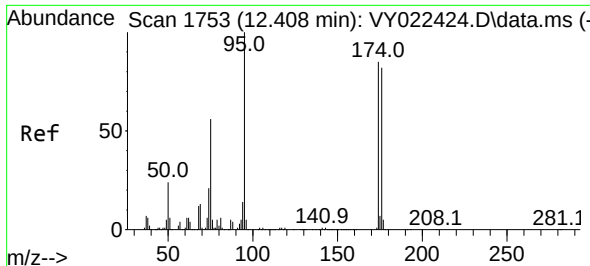
Tgt Ion:113 Resp: 154457
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.1 15.2 22.8



#50
Toluene-d8
Concen: 50.257 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

Tgt Ion: 98 Resp: 605230
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

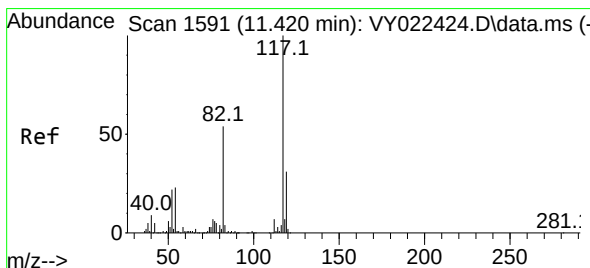
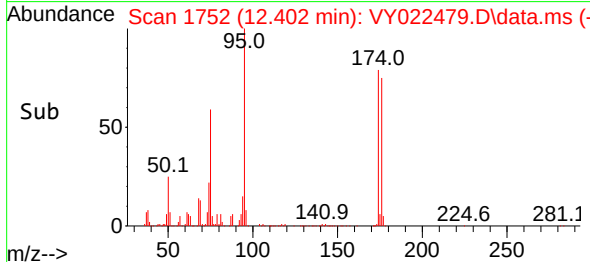
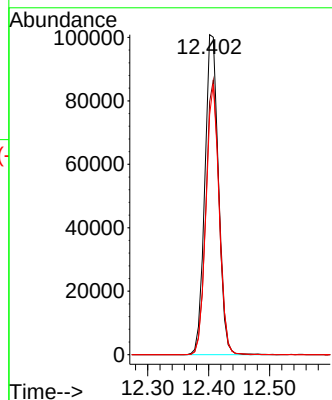
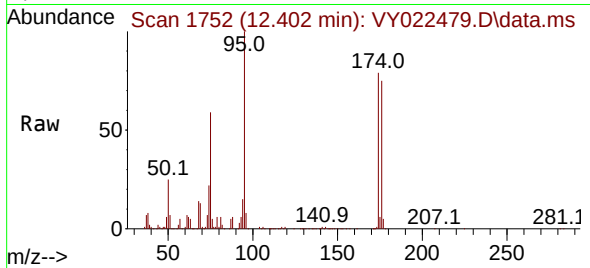




#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

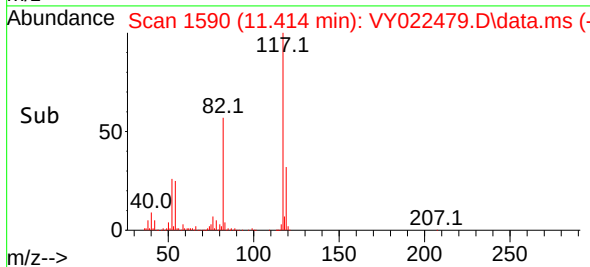
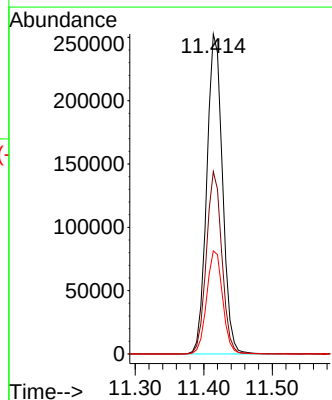
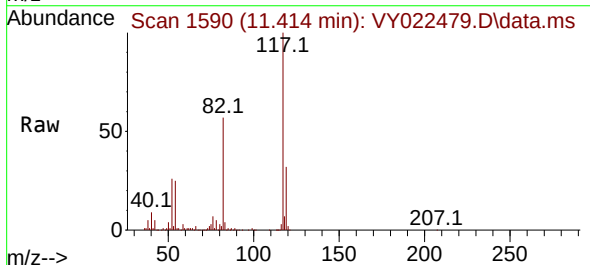
Instrument :
MSVOA_Y
ClientSampleId :
TP05-MHO-VOC

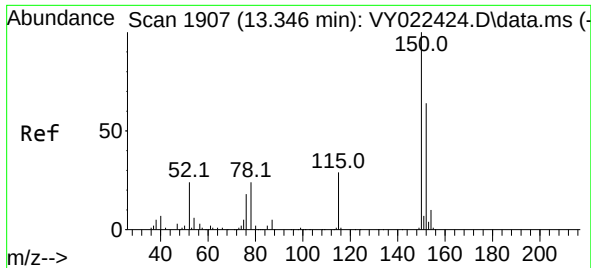
Tgt Ion: 95 Resp: 156353
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.6
176 81.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022479.D
Acq: 30 May 2025 15:28

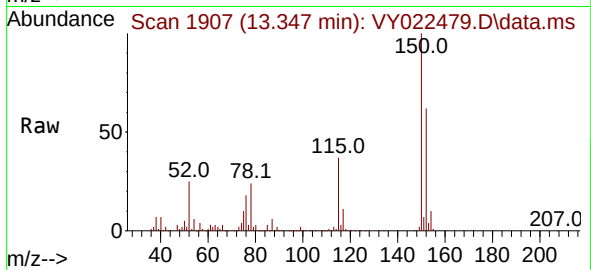
Tgt Ion: 117 Resp: 404670
Ion Ratio Lower Upper
117 100
82 57.0 43.3 64.9
119 32.2 24.5 36.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022479.D
 Acq: 30 May 2025 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP05-MHO-VOC



Tgt Ion:	152	Resp:	147716
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.4	85.3
150	159.0	0.0	345.8

