

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021726.D
 Acq On : 31 Mar 2025 17:45
 Operator : SY/MD
 Sample : Q1672-03
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-VOC

Quant Time: Apr 01 07:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

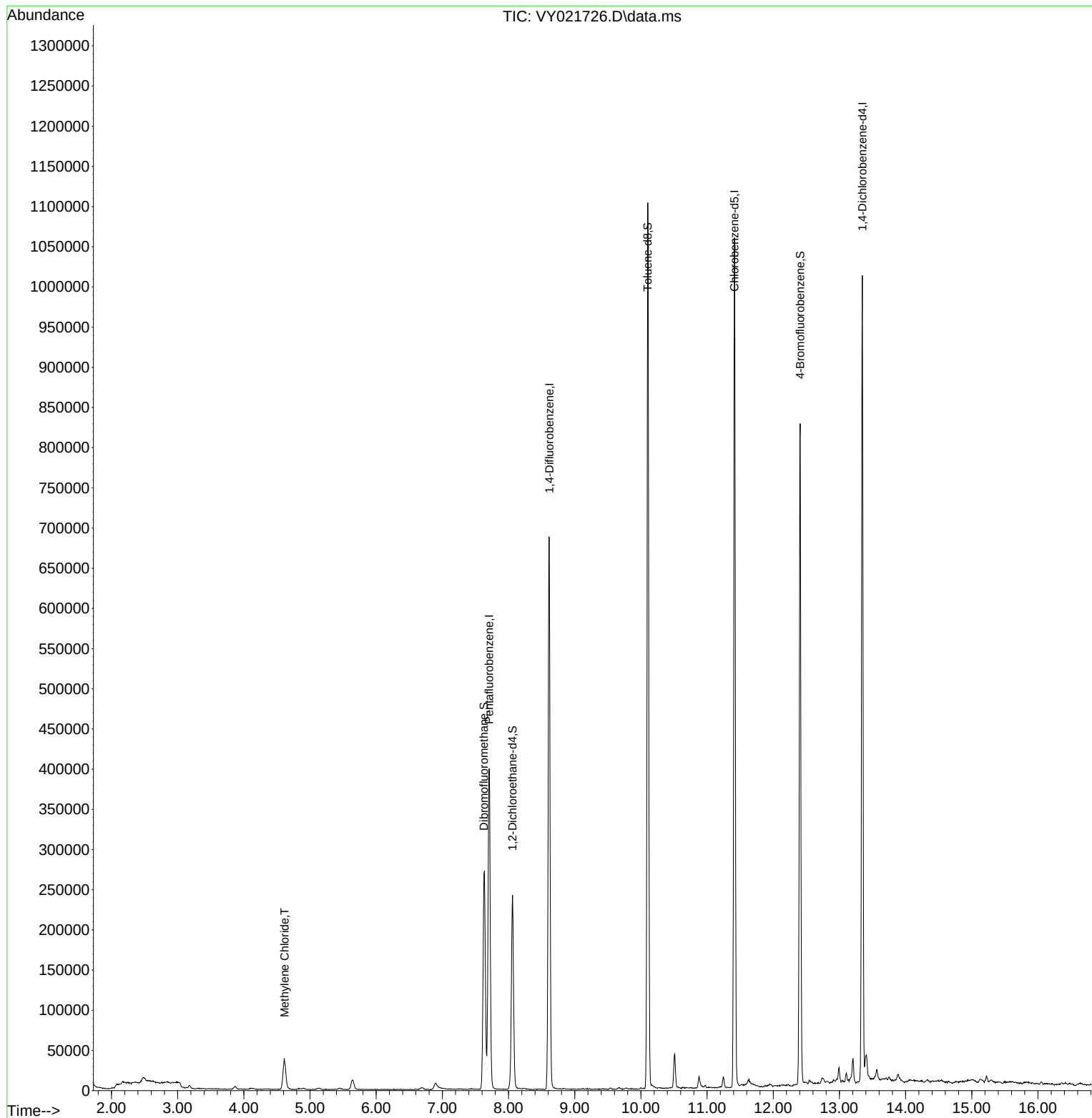
Internal Standards						
1) Pentafluorobenzene	7.707	168	307752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	247906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	185420	55.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.628	113	191843	51.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.080%
50) Toluene-d8	10.103	98	698940	49.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.408	95	251517	52.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.020%
Target Compounds						
20) Methylene Chloride	4.616	84	26486	4.405	ug/l	Qvalue 88

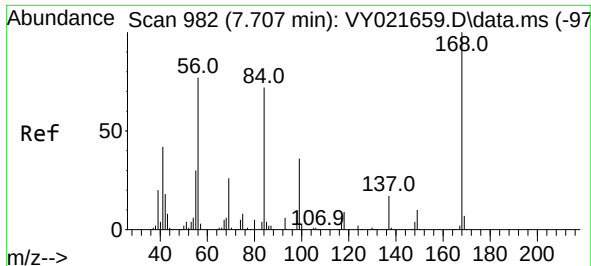
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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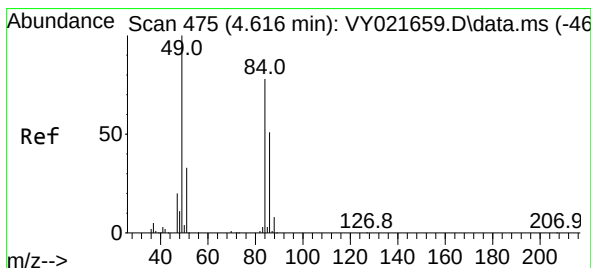
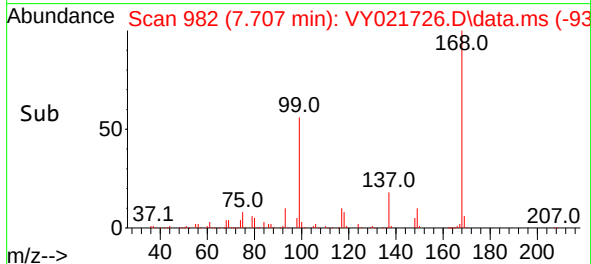
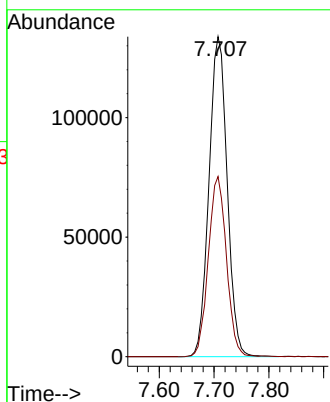
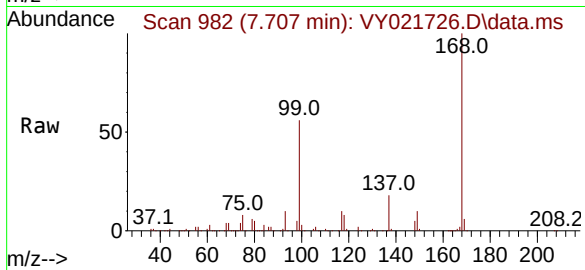




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

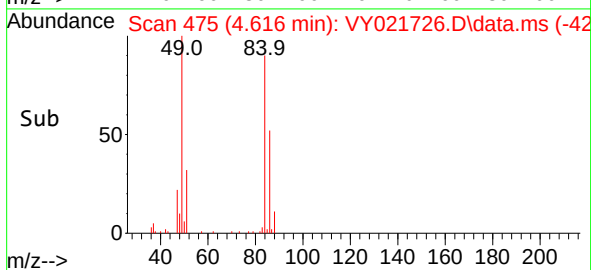
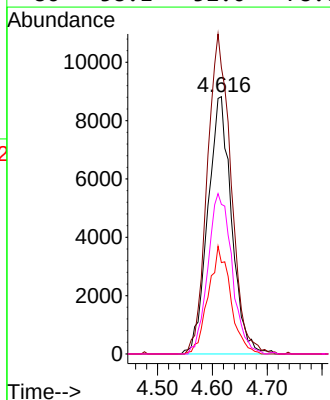
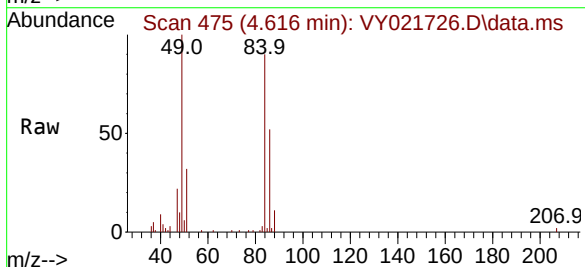
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-VOC

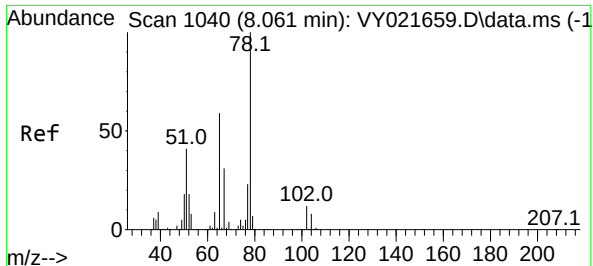
Tgt Ion:168 Resp: 307752
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#20
Methylene Chloride
Concen: 4.405 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

Tgt Ion: 84 Resp: 26486
Ion Ratio Lower Upper
84 100
49 111.3 102.8 154.2
51 35.5 33.5 50.3
86 58.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 55.608 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021726.D

Acq: 31 Mar 2025 17:45

Instrument :

MSVOA_Y

ClientSampleId :

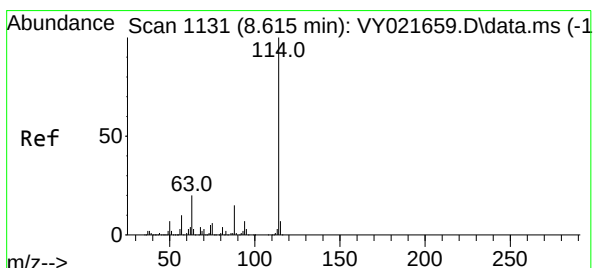
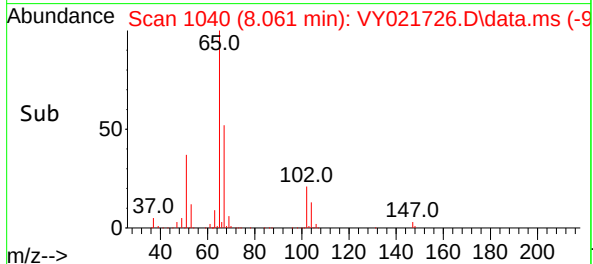
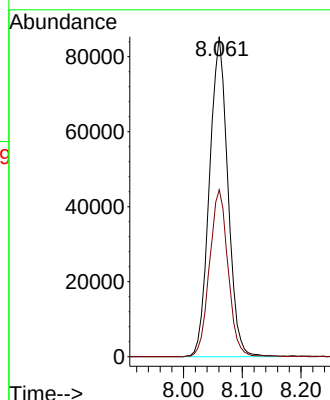
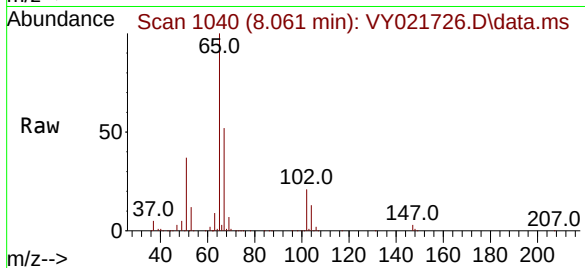
TP-8-VOC

Tgt Ion: 65 Resp: 185420

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021726.D

Acq: 31 Mar 2025 17:45

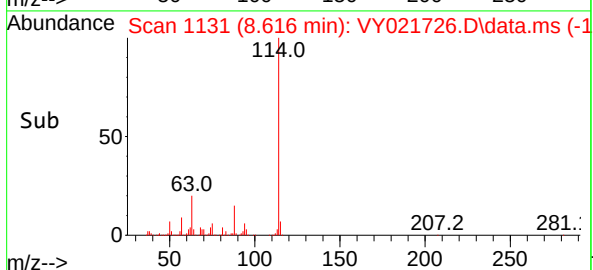
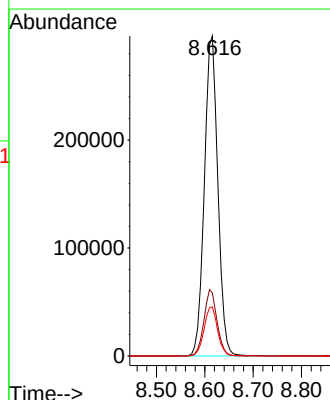
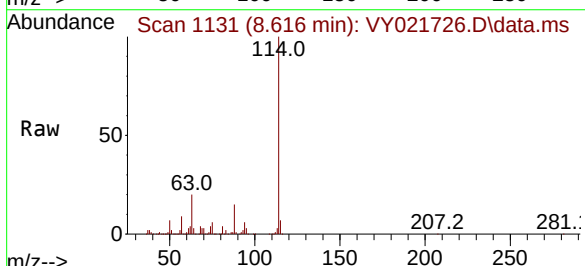
Tgt Ion: 114 Resp: 573811

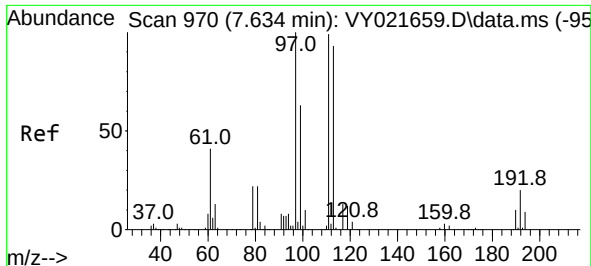
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.4 0.0 29.8

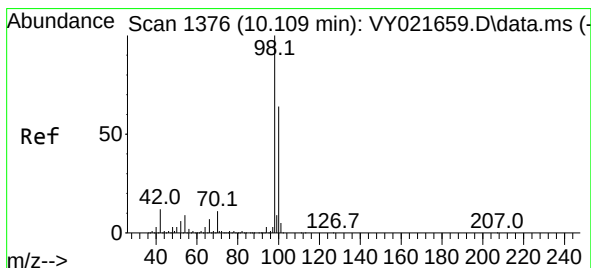
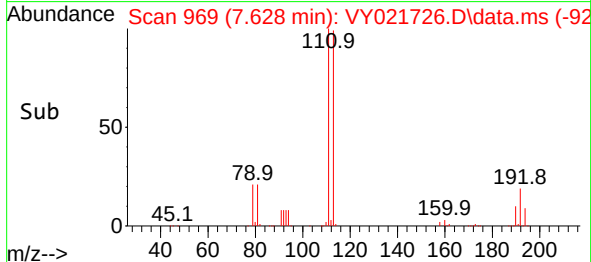
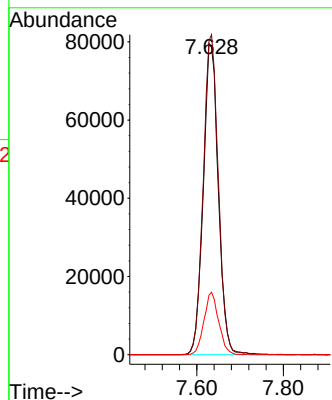
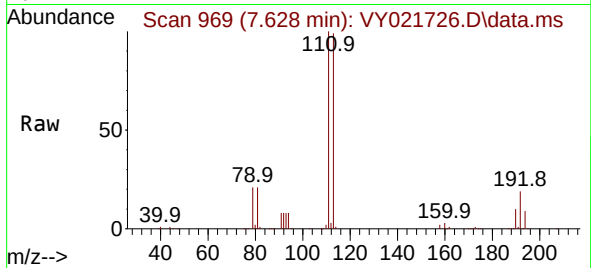




#35
Dibromofluoromethane
Concen: 51.540 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

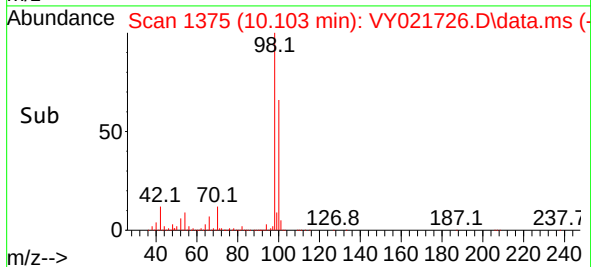
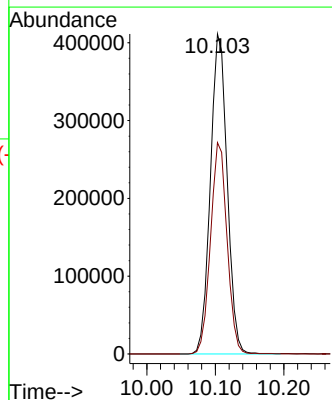
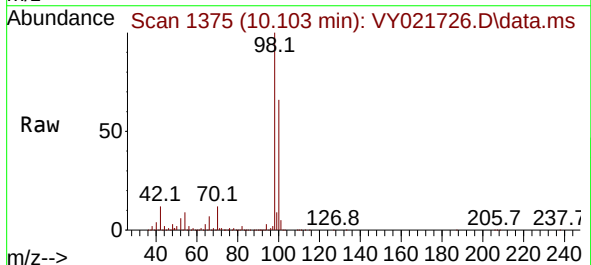
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-VOC

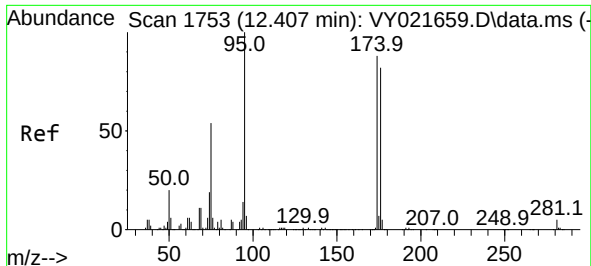
Tgt Ion:113 Resp: 191843
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.6 16.2 24.4



#50
Toluene-d8
Concen: 49.359 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

Tgt Ion: 98 Resp: 698940
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

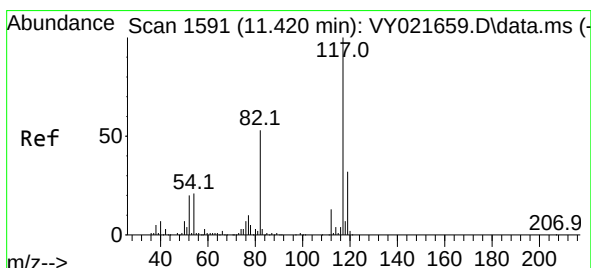
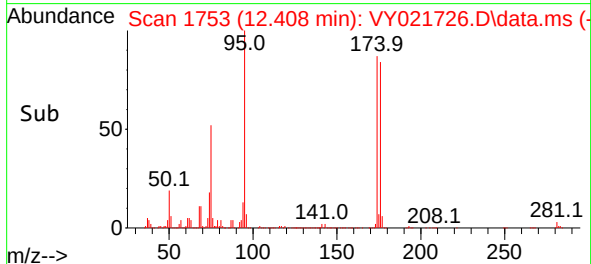
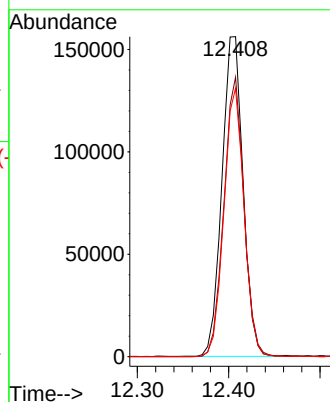
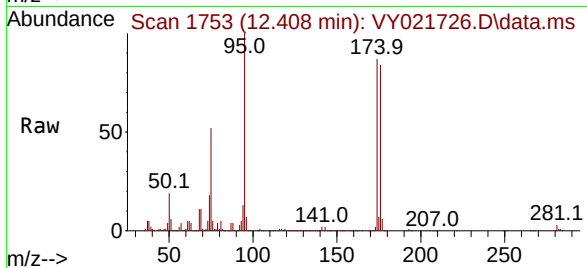




#62
4-Bromofluorobenzene
Concen: 52.512 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

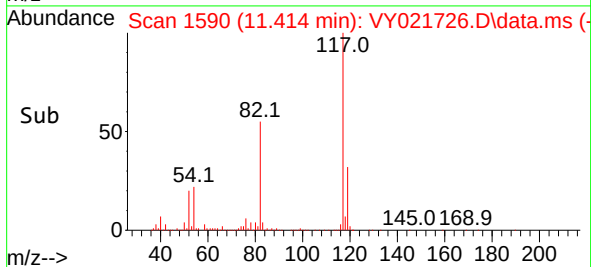
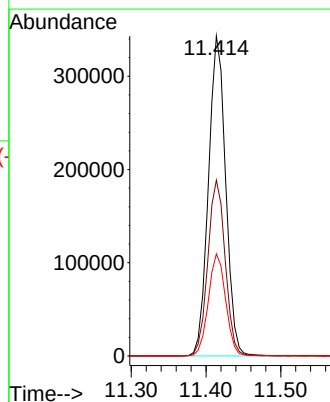
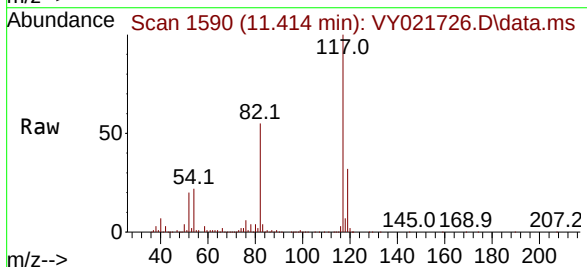
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-VOC

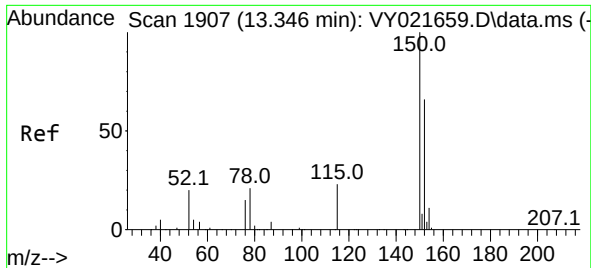
Tgt Ion: 95 Resp: 251517
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 80.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021726.D
Acq: 31 Mar 2025 17:45

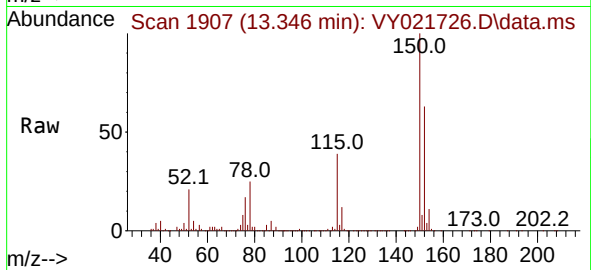
Tgt Ion: 117 Resp: 549019
Ion Ratio Lower Upper
117 100
82 55.0 42.8 64.2
119 31.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021726.D
 Acq: 31 Mar 2025 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-VOC



Tgt Ion:152 Resp: 247906
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.8 86.5
 150 157.2 0.0 348.4

