

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021735.D
 Acq On : 01 Apr 2025 12:36
 Operator : SY/MD
 Sample : Q1681-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

Quant Time: Apr 02 03:22:42 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)

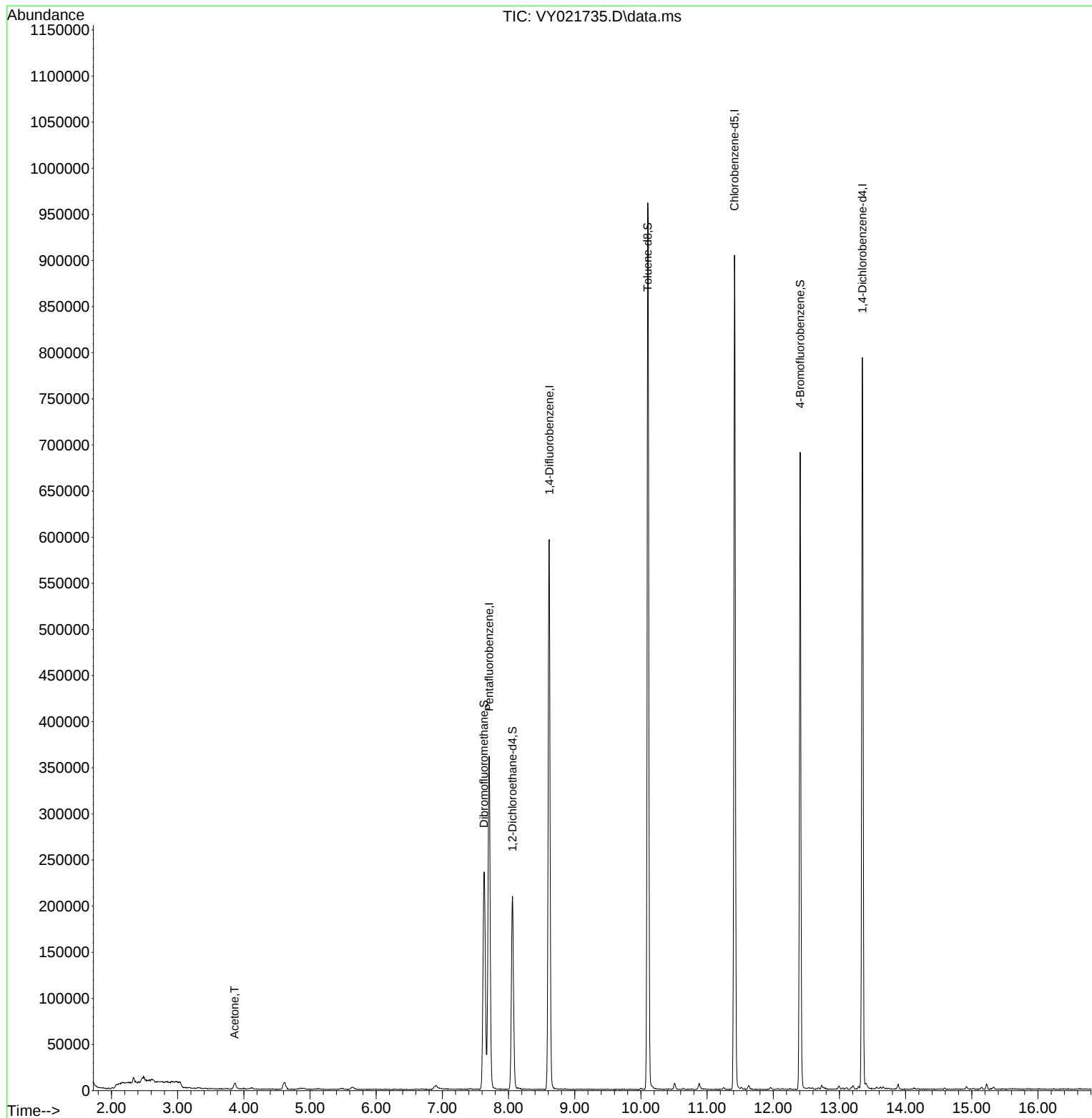
Internal Standards						
1) Pentafluorobenzene	7.707	168	269411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	507087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	471017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164405	56.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.628	113	170063	51.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.103	98	611152	48.838	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.408	95	200939	47.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.940%	
Target Compounds						
16) Acetone	3.860	43	11055	18.505	ug/l	Qvalue 98

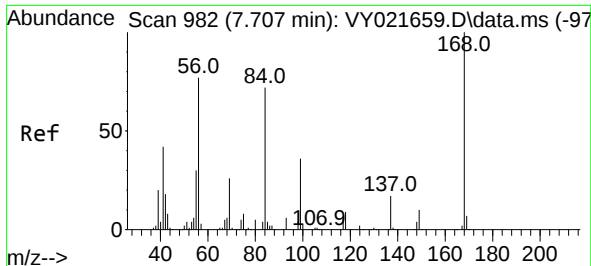
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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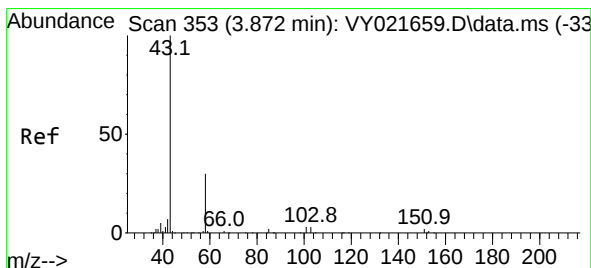
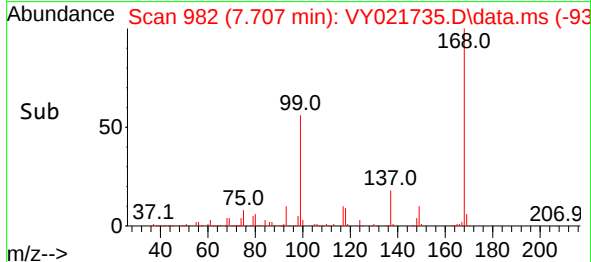
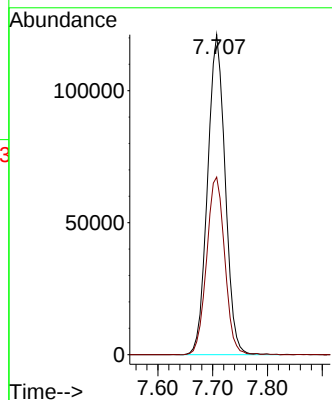
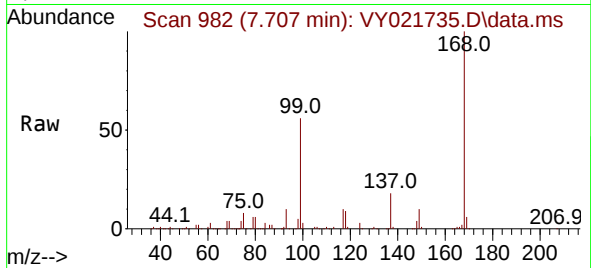




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

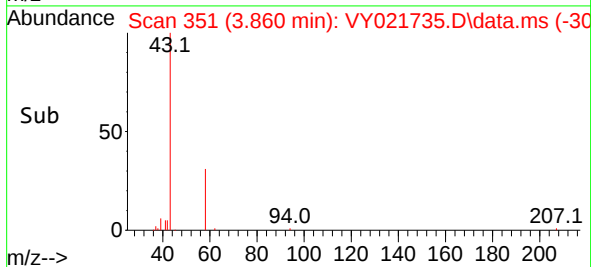
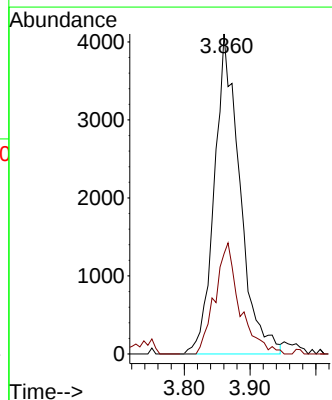
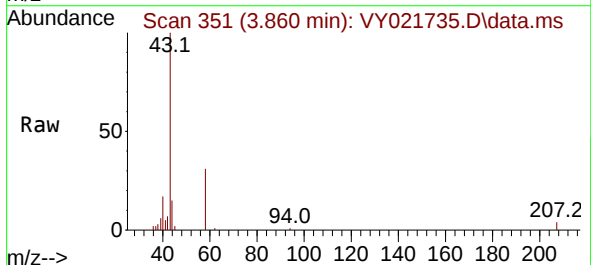
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

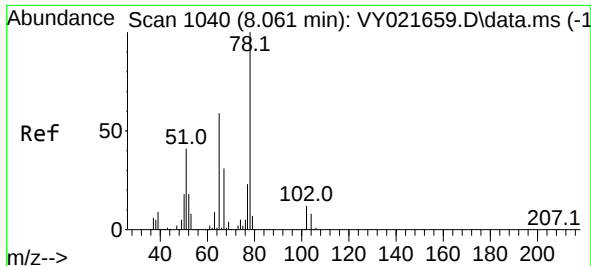
Tgt Ion:168 Resp: 269411
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#16
Acetone
Concen: 18.505 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 43 Resp: 11055
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

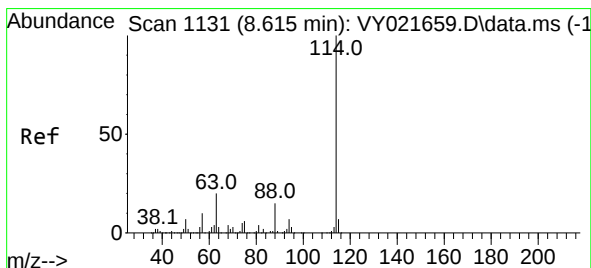
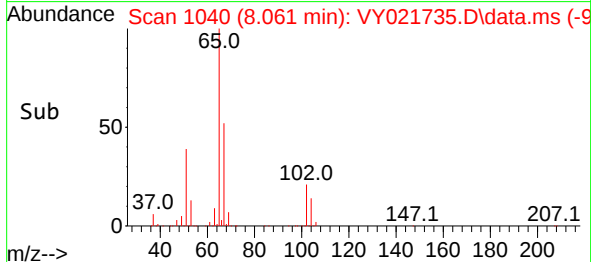
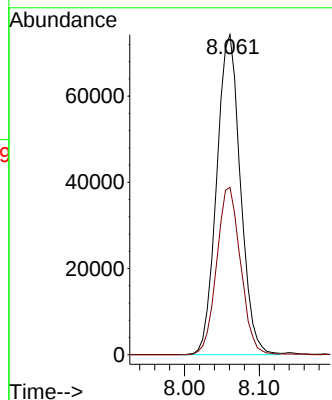
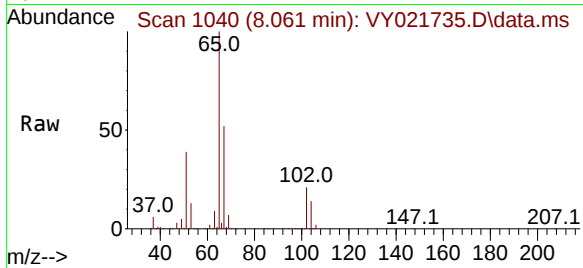




#33
 1,2-Dichloroethane-d4
 Concen: 56.323 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

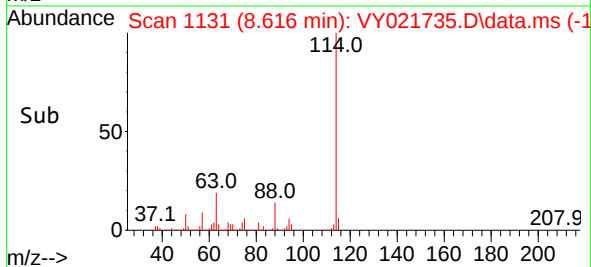
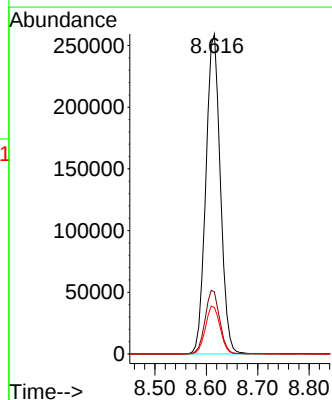
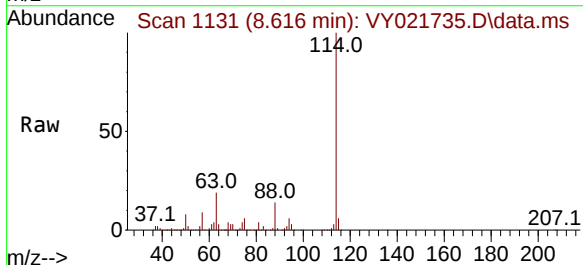
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC

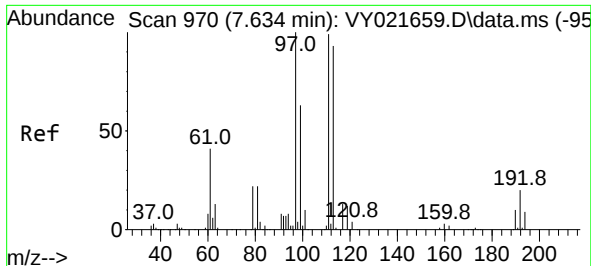
Tgt Ion: 65 Resp: 164405
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

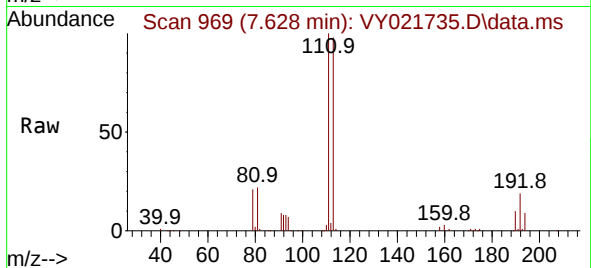
Tgt Ion: 114 Resp: 507087
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 14.5 0.0 29.8



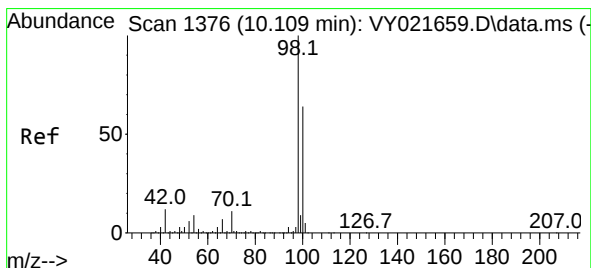
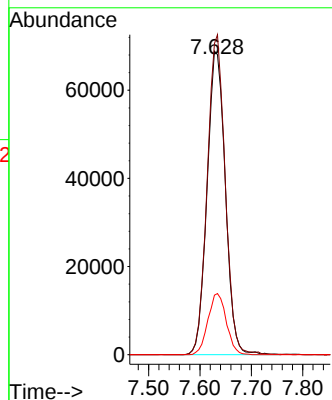
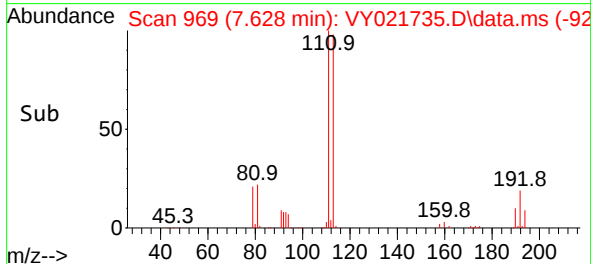


#35
Dibromofluoromethane
Concen: 51.700 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

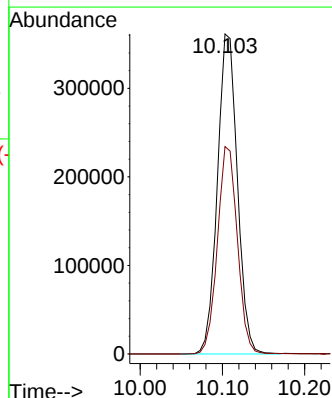
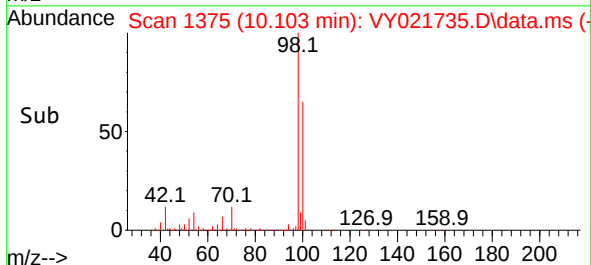
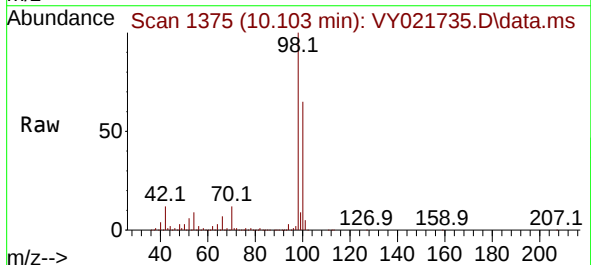


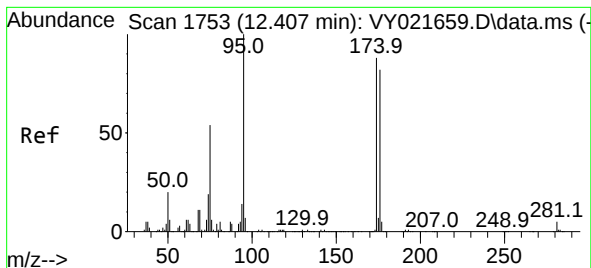
Tgt Ion:113 Resp: 170063
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 20.2 16.2 24.4



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021735.D
Acq: 01 Apr 2025 12:36

Tgt Ion: 98 Resp: 611152
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 47.472 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021735.D

Acq: 01 Apr 2025 12:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-VOC

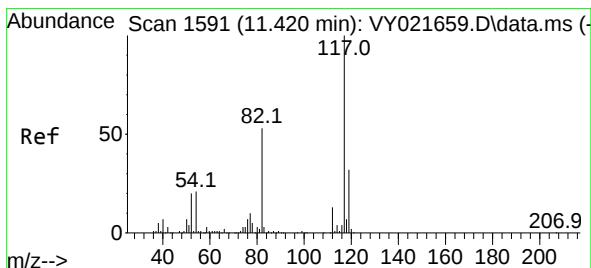
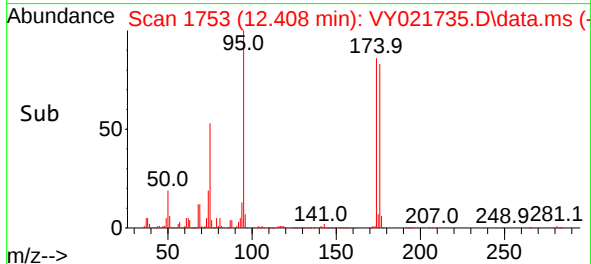
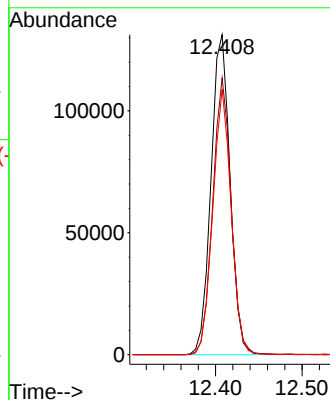
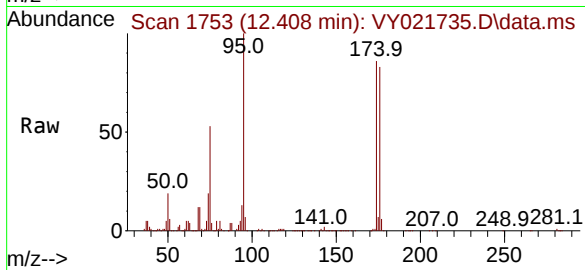
Tgt Ion: 95 Resp: 200939

Ion Ratio Lower Upper

95 100

174 84.0 0.0 170.8

176 79.7 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: VY021735.D

Acq: 01 Apr 2025 12:36

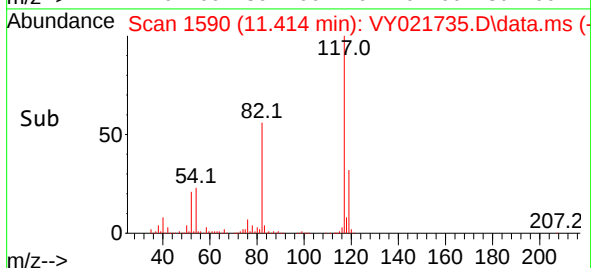
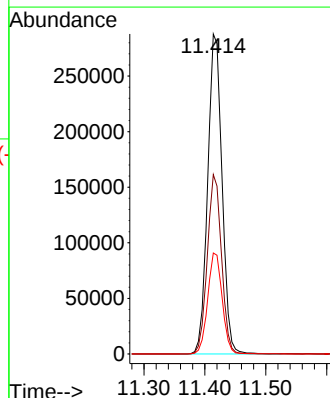
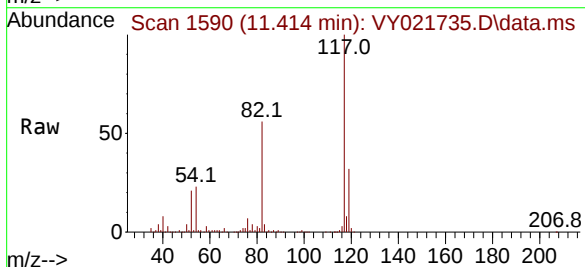
Tgt Ion: 117 Resp: 471017

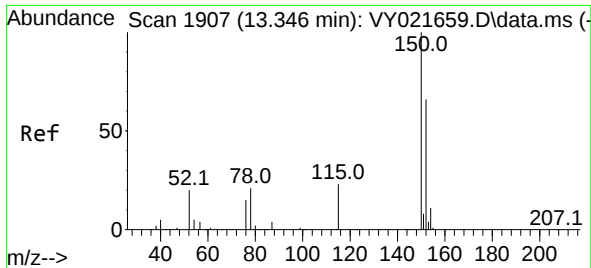
Ion Ratio Lower Upper

117 100

82 56.0 42.8 64.2

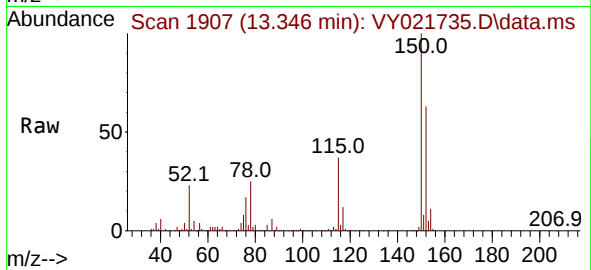
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021735.D
 Acq: 01 Apr 2025 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-VOC



Tgt Ion:	152	Resp:	194584
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.8	86.5
150	155.6	0.0	348.4

