

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021762.D
 Acq On : 02 Apr 2025 16:05
 Operator : SY/MD
 Sample : Q1695-03
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-2-VOC

Quant Time: Apr 03 03:37:15 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)

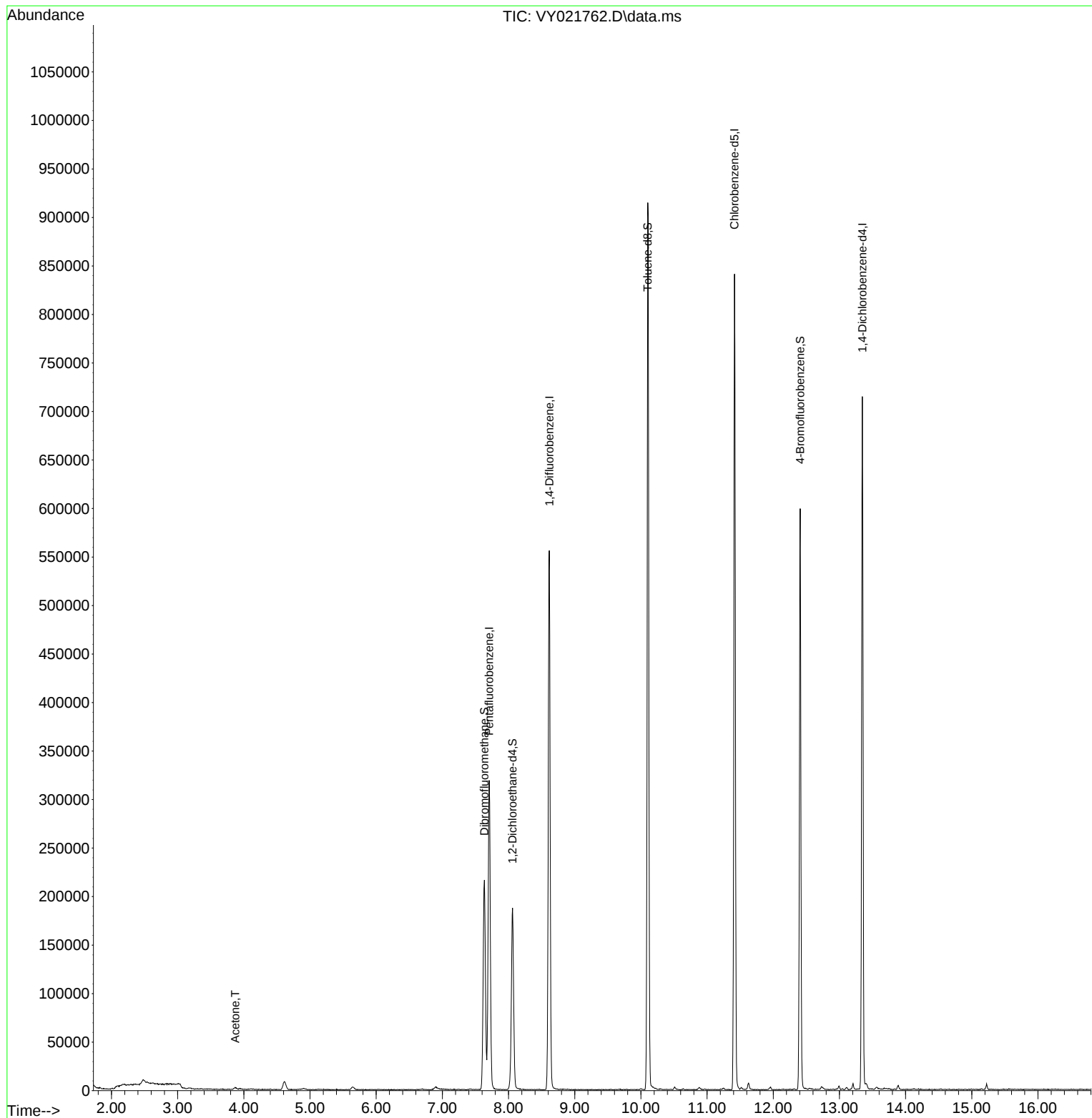
Internal Standards						
1) Pentafluorobenzene	7.707	168	240479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	461032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143777	55.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.360%
35) Dibromofluoromethane	7.634	113	152434	50.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.103	98	572189	50.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.408	95	178094	46.278	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.560%
Target Compounds						
16) Acetone	3.872	43	3670	6.882	ug/l	Qvalue # 87

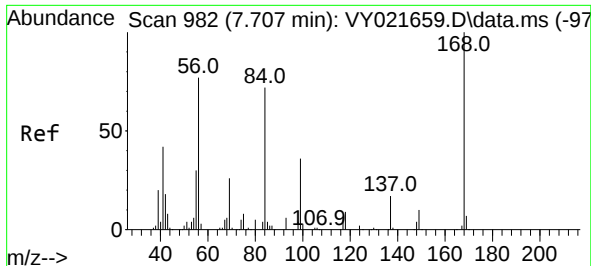
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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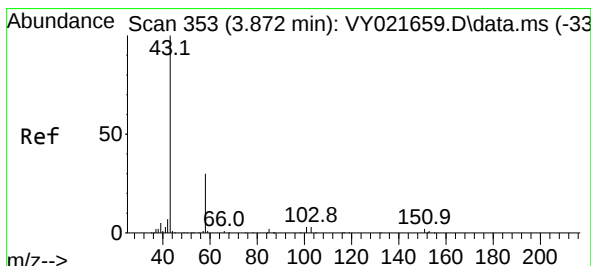
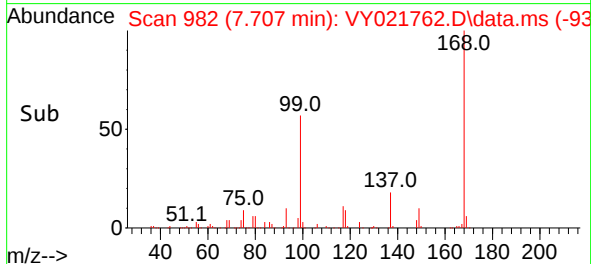
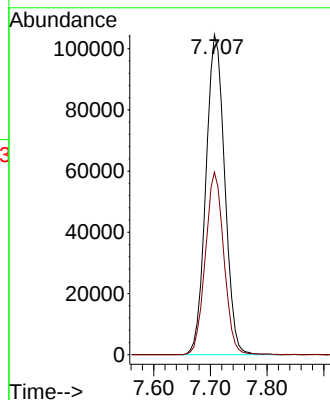
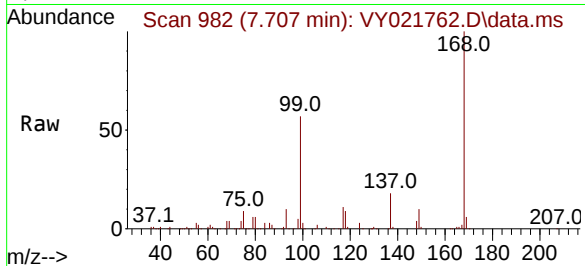




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

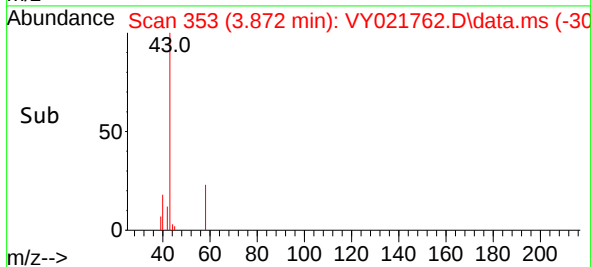
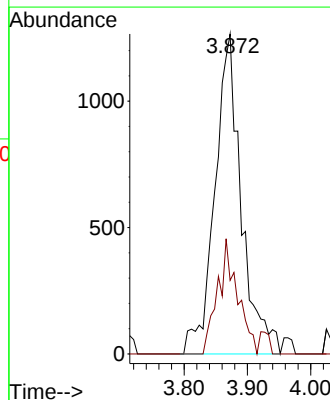
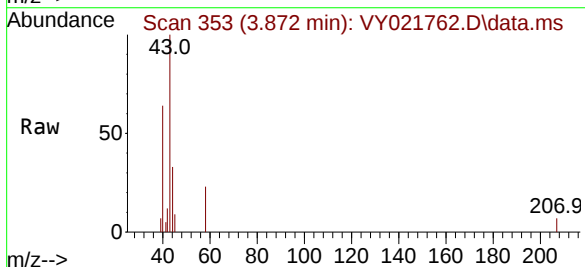
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

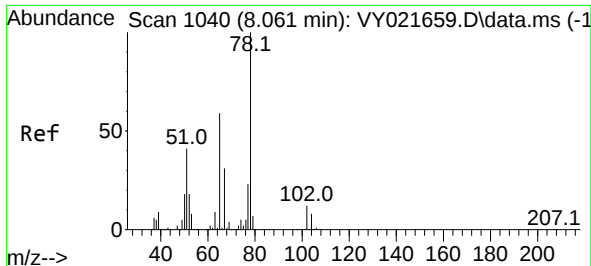
Tgt Ion:168 Resp: 240479
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#16
Acetone
Concen: 6.882 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 23.0 24.2 36.4#

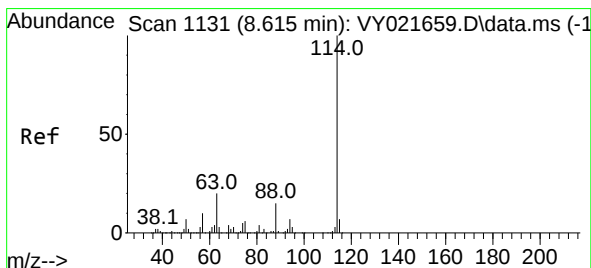
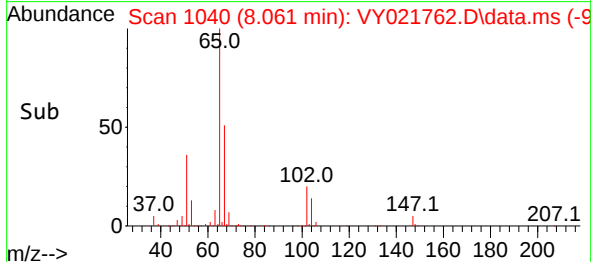
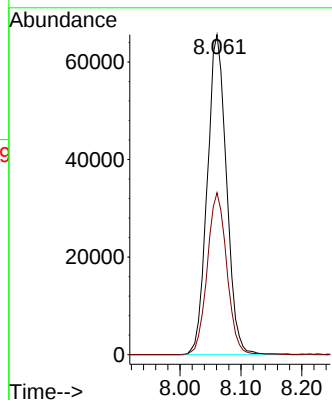
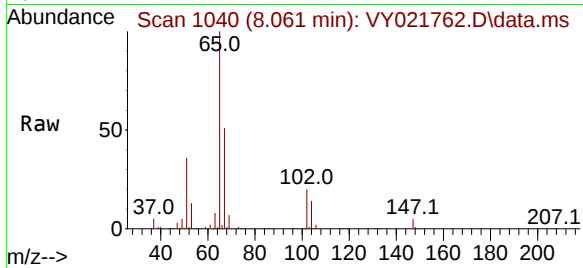




#33
1,2-Dichloroethane-d4
Concen: 55.182 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

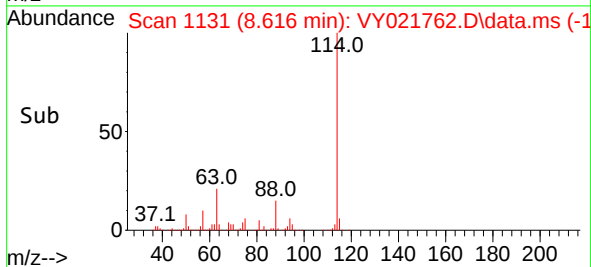
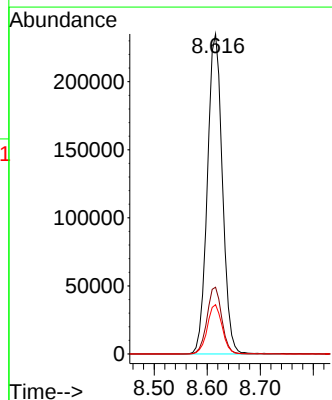
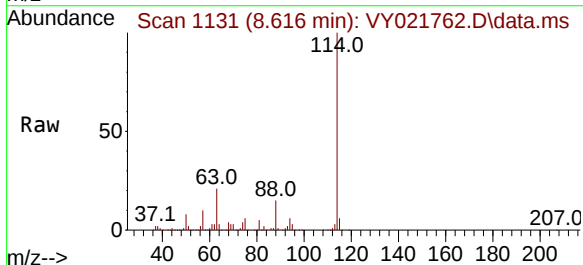
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

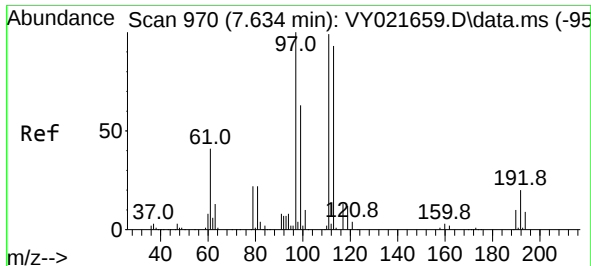
Tgt Ion: 65 Resp: 143777
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 114 Resp: 461032
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.2
88 15.4 0.0 29.8

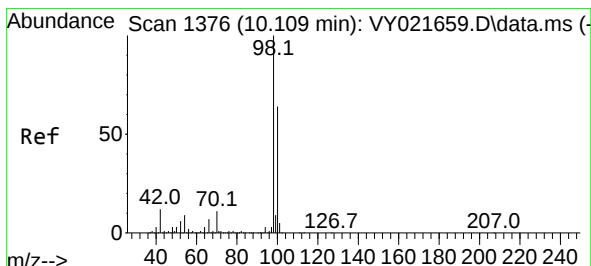
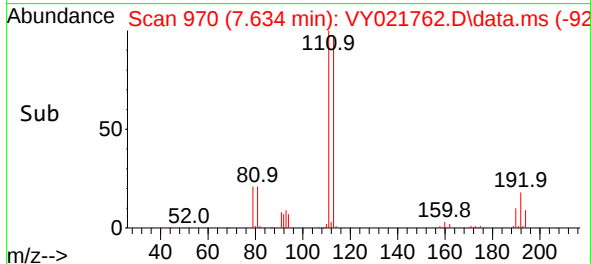
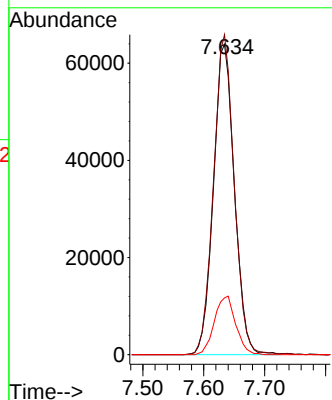
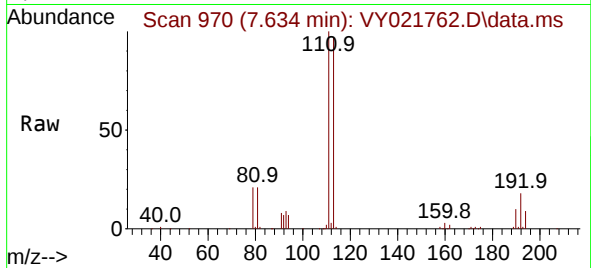




#35
Dibromofluoromethane
Concen: 50.970 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

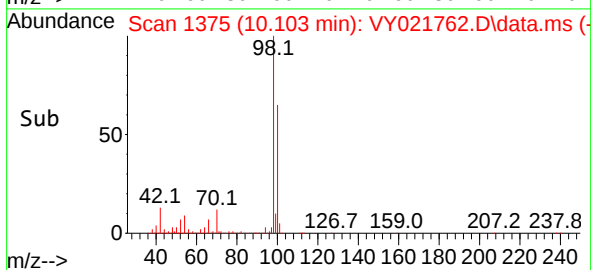
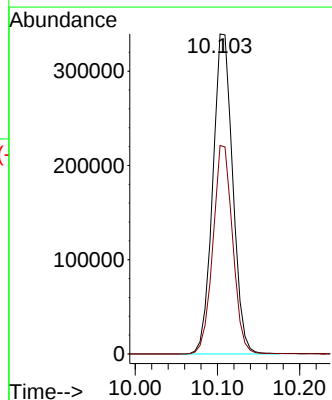
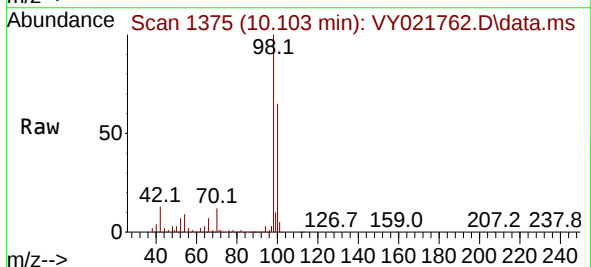
Instrument :
MSVOA_Y
ClientSampleId :
TT-2-VOC

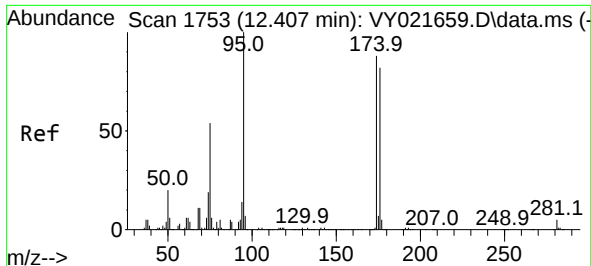
Tgt Ion:113 Resp: 152434
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.2 16.2 24.4



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

Tgt Ion: 98 Resp: 572189
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

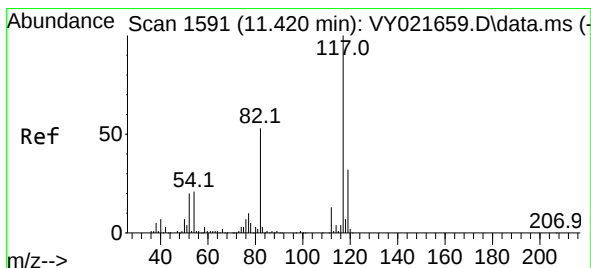
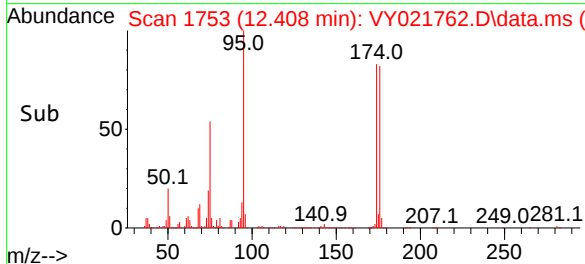
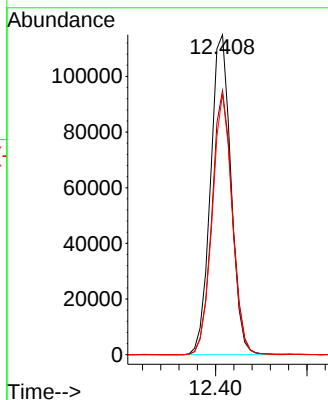
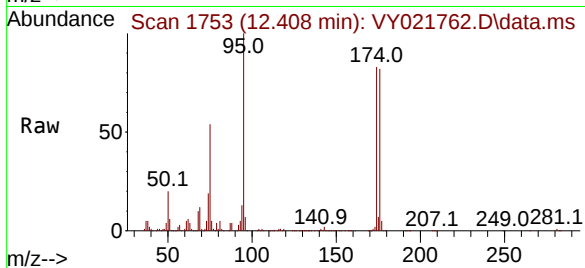




#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

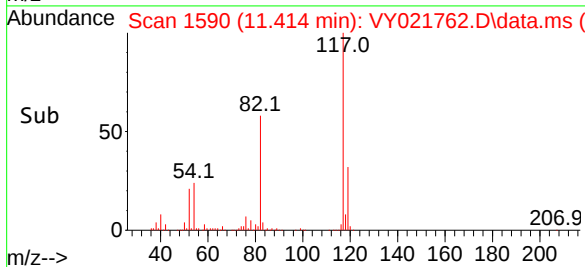
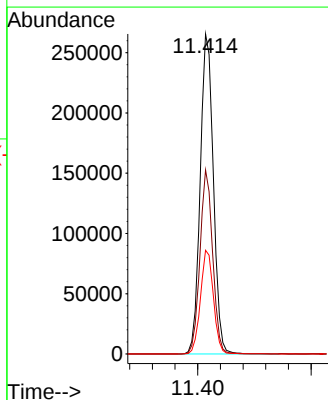
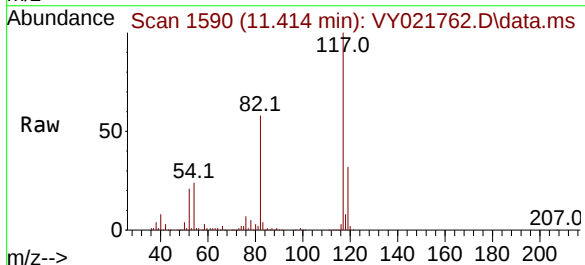
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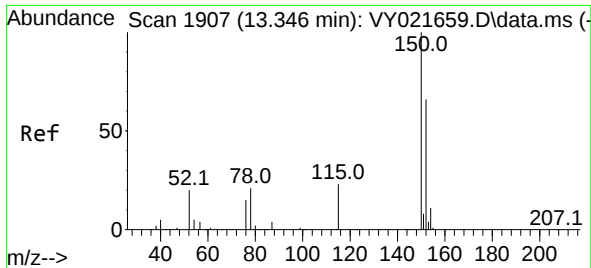
Tgt Ion: 95 Resp: 178094
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021762.D
Acq: 02 Apr 2025 16:05

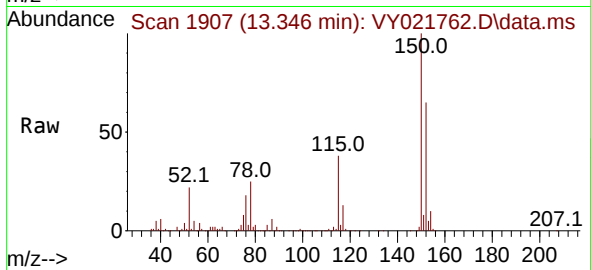
Tgt Ion: 117 Resp: 427558
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 32.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021762.D
 Acq: 02 Apr 2025 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-2-VOC



Tgt Ion:	152	Resp:	172109
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.8	86.5
150	157.0	0.0	348.4

