

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021670.D
 Acq On : 27 Mar 2025 16:35
 Operator : SY/MD
 Sample : Q1662-07
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Mar 28 04:02:15 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	7.713	168	15924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	23390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	3318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	8342	48.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.634	113	8572	56.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.000%
50) Toluene-d8	10.103	98	26244	45.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.940%
62) 4-Bromofluorobenzene	12.407	95	4788	24.523	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.040%

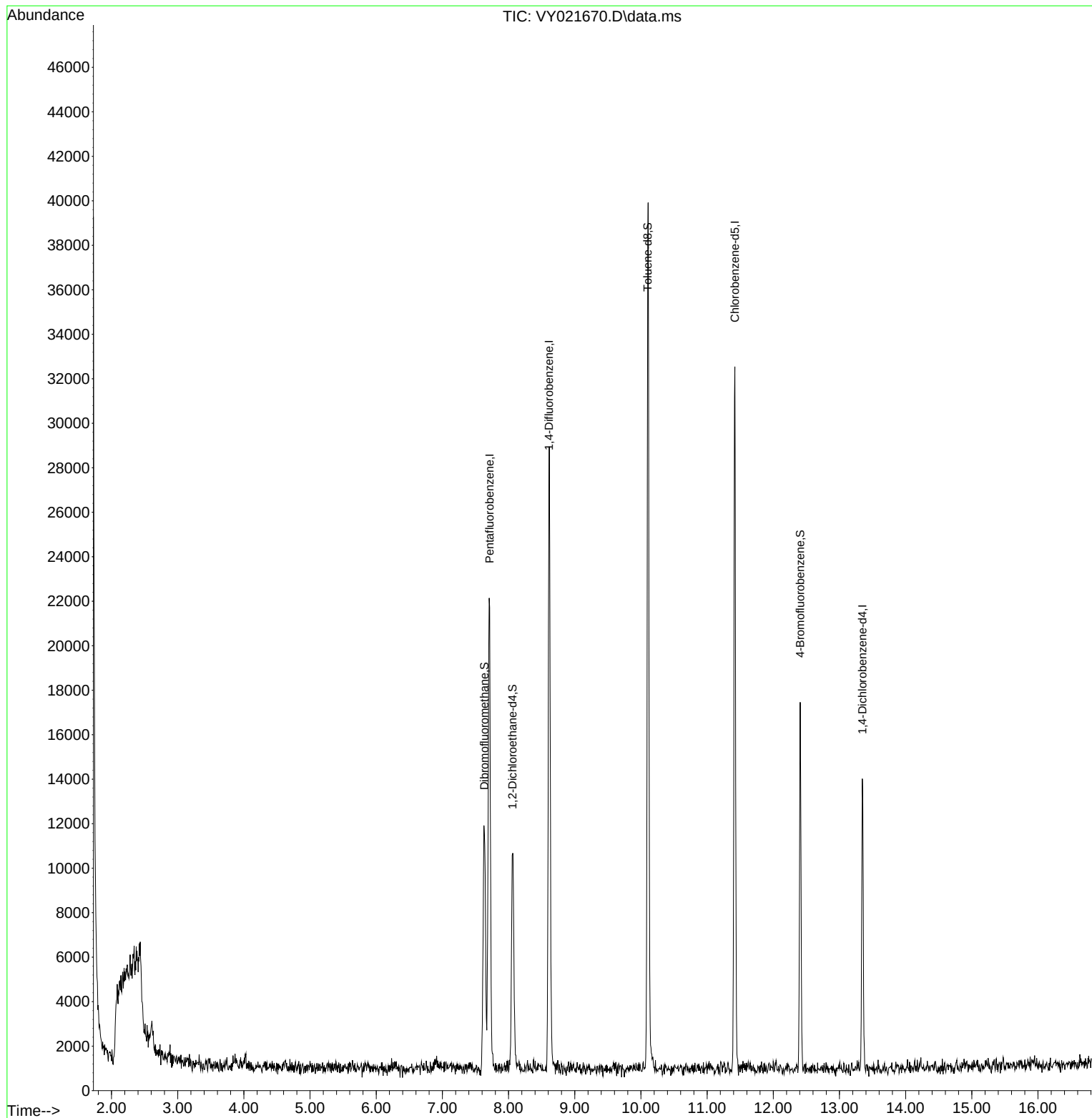
Target Compounds	Qvalue

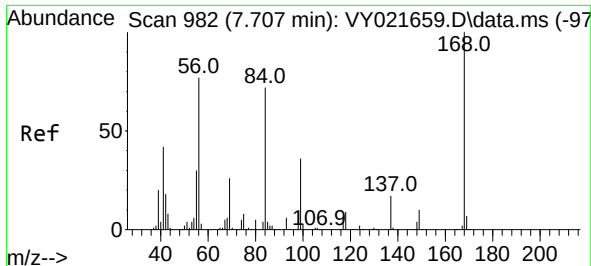
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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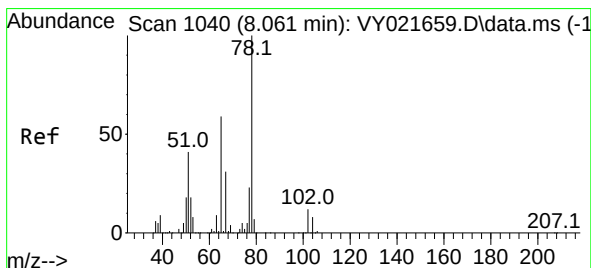
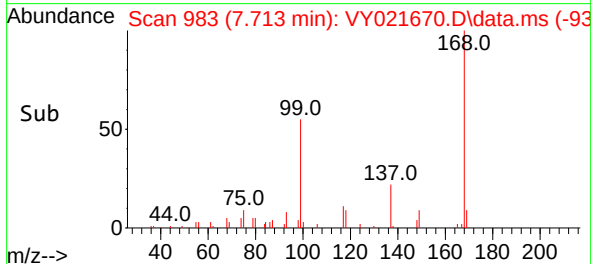
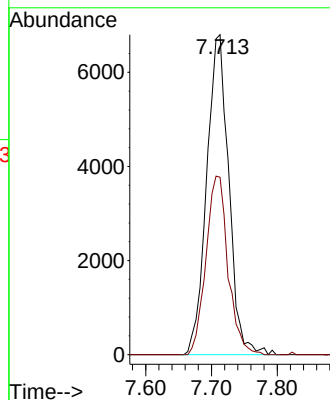
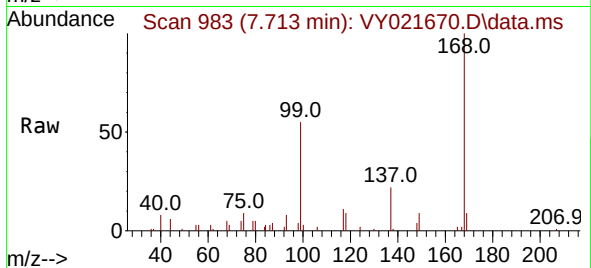




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

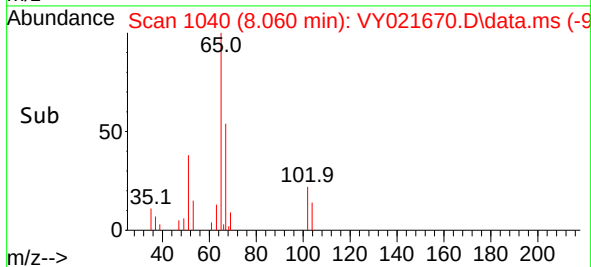
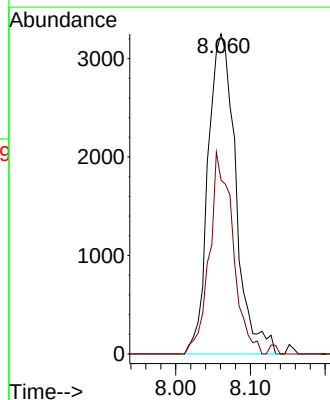
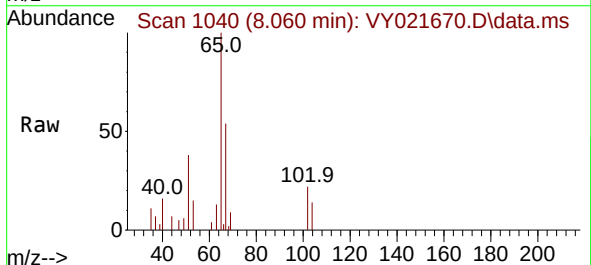
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

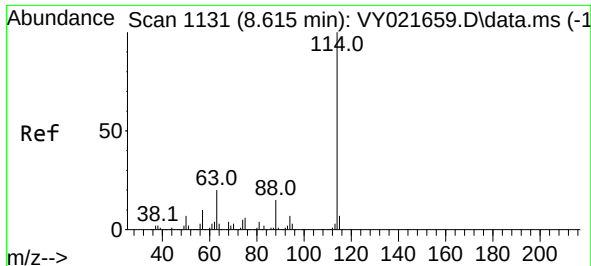
Tgt Ion:168 Resp: 15924
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 48.350 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

Tgt Ion: 65 Resp: 8342
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.6

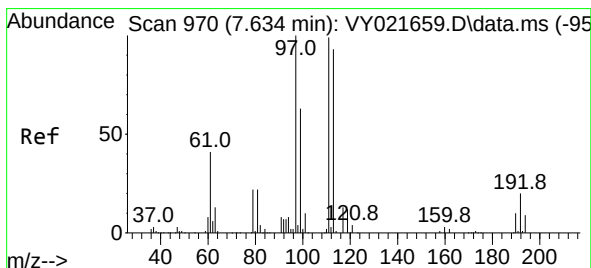
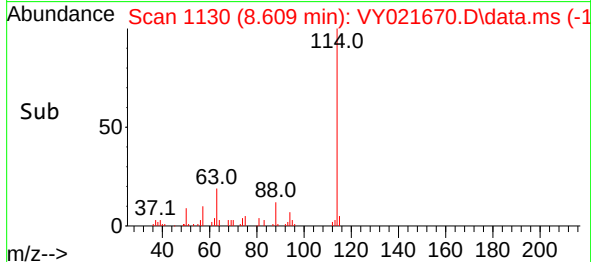
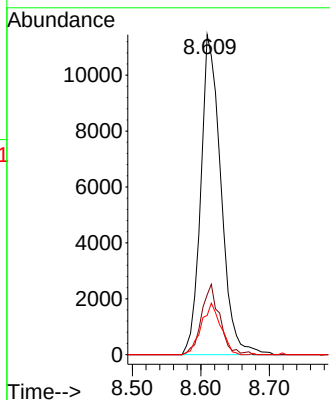
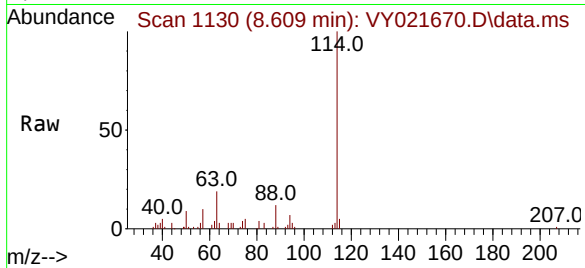




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

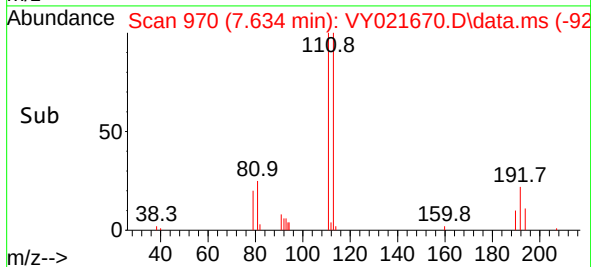
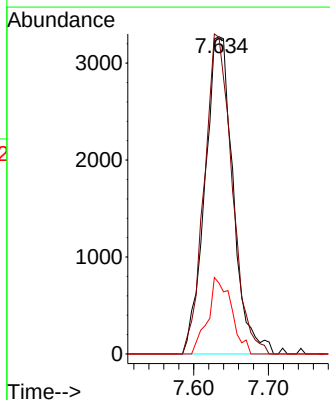
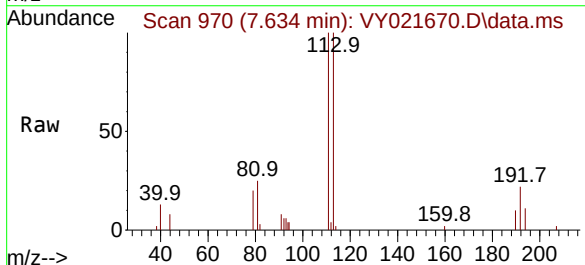
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

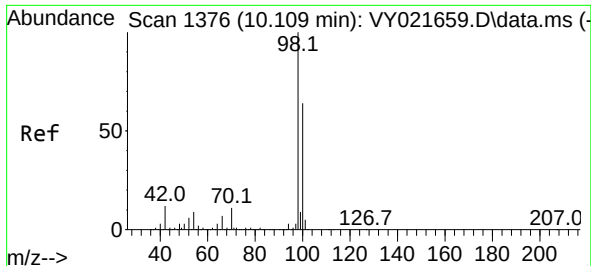
Tgt Ion:114 Resp: 23390
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.2
88 12.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 56.496 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

Tgt Ion:113 Resp: 8572
Ion Ratio Lower Upper
113 100
111 99.3 82.6 123.8
192 20.3 16.2 24.4

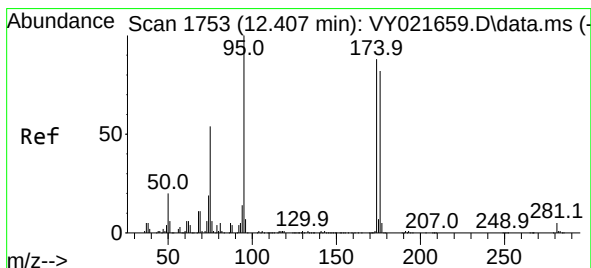
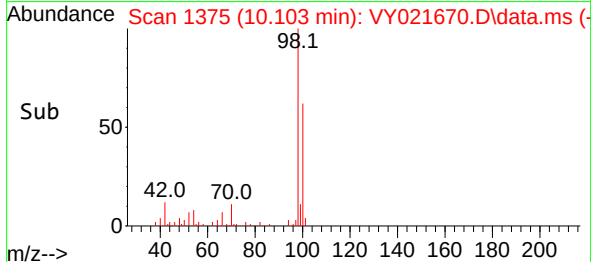
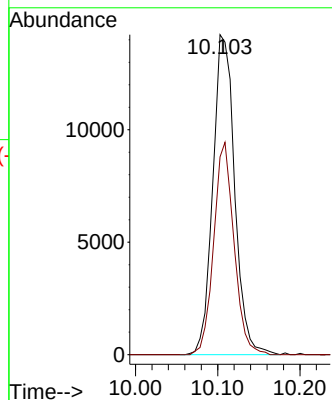
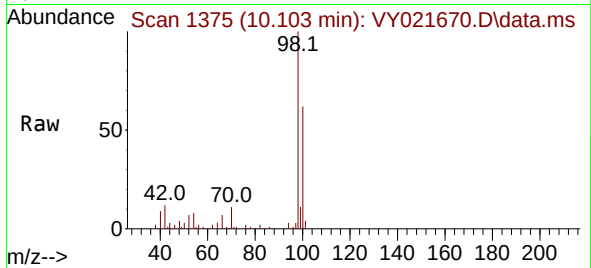




#50
Toluene-d8
Concen: 45.467 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

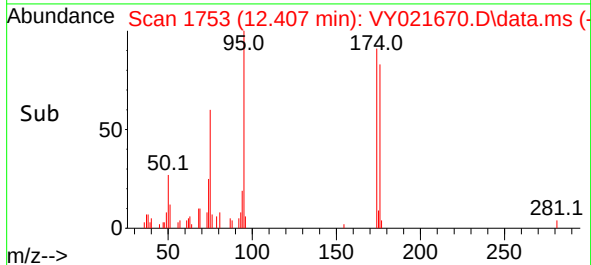
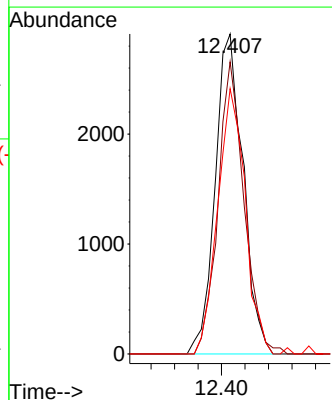
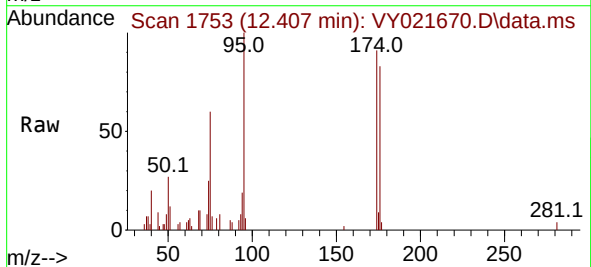
Instrument :
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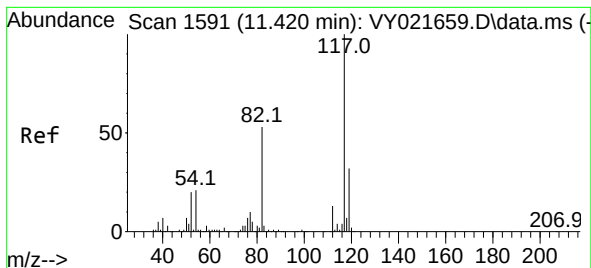
Tgt Ion: 98 Resp: 26244
Ion Ratio Lower Upper
98 100
100 61.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 24.523 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021670.D
Acq: 27 Mar 2025 16:35

Tgt Ion: 95 Resp: 4788
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.8
176 82.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021670.D

Acq: 27 Mar 2025 16:35

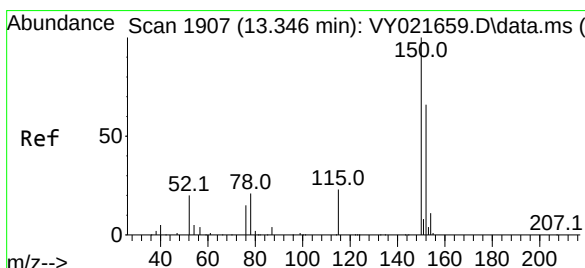
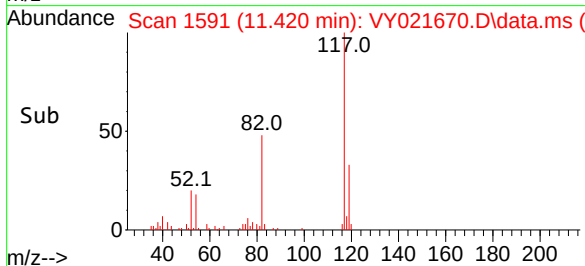
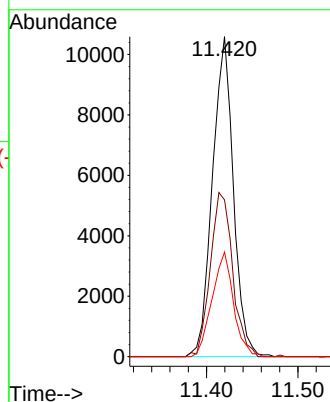
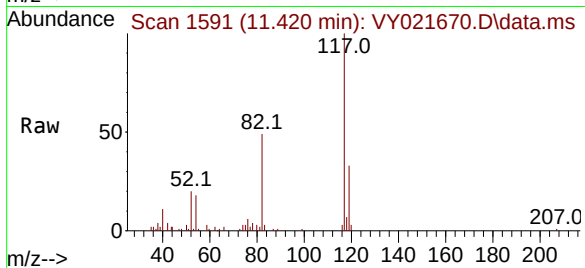
Instrument :

MSVOA_Y

ClientSampleId :

TP-7-VOC

Tgt Ion:117	Resp:	16815
Ion	Ratio	Lower Upper
117	100	
82	49.0	42.8 64.2
119	32.7	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: VY021670.D

Acq: 27 Mar 2025 16:35

Tgt Ion:152	Resp:	3318
Ion	Ratio	Lower Upper
152	100	
115	55.4	28.8 86.5
150	155.1	0.0 348.4

