

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021669.D
 Acq On : 27 Mar 2025 16:11
 Operator : SY/MD
 Sample : Q1662-03
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-VOC

Quant Time: Mar 28 04:01:42 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	3831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	5748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3549	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2568	61.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.740%
35) Dibromofluoromethane	7.628	113	2067	55.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.880%
50) Toluene-d8	10.103	98	5864	41.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.680%
62) 4-Bromofluorobenzene	12.408	95	676	14.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	28.180%#

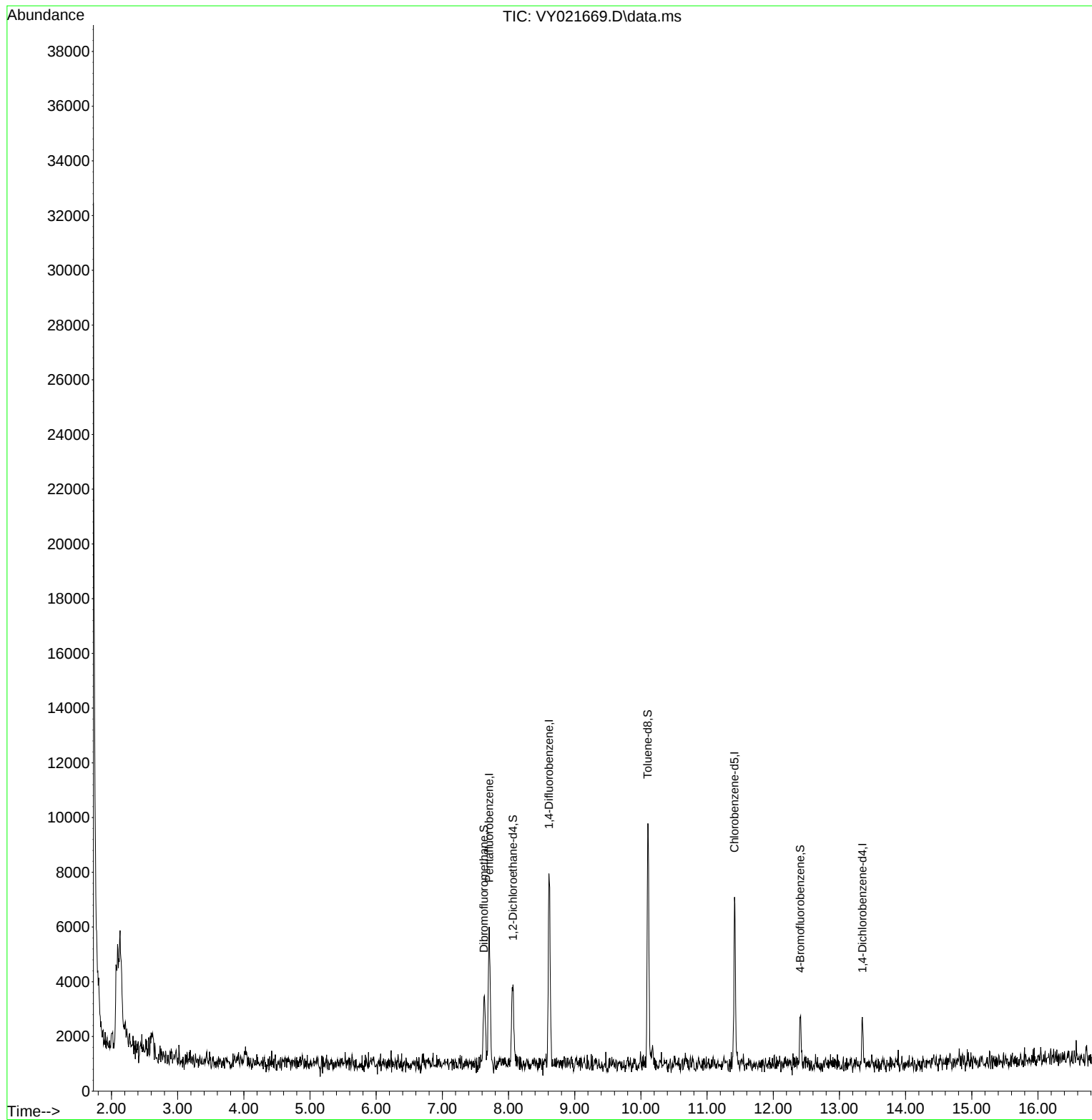
Target Compounds	Qvalue

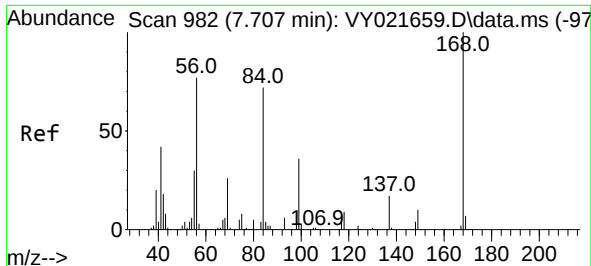
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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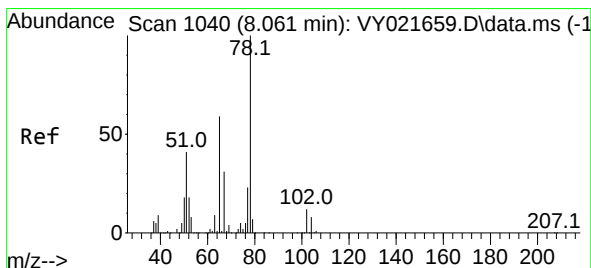
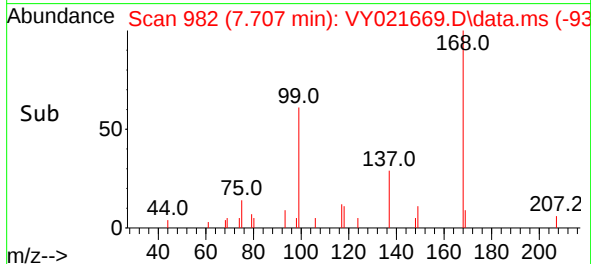
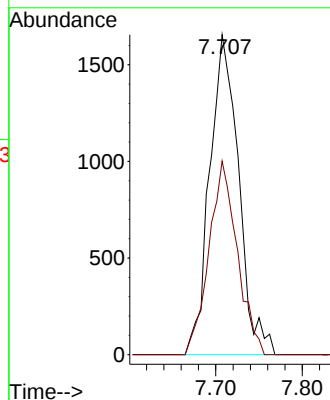
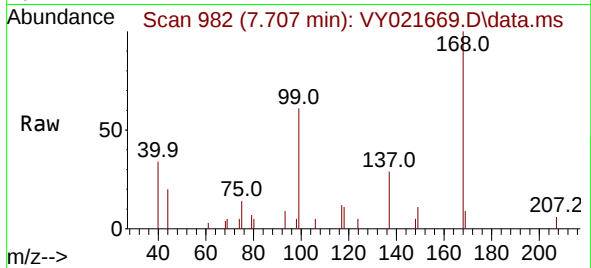




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021669.D
Acq: 27 Mar 2025 16:11

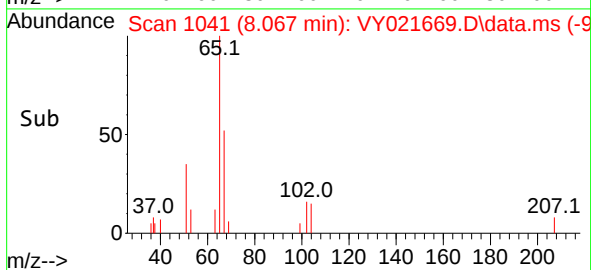
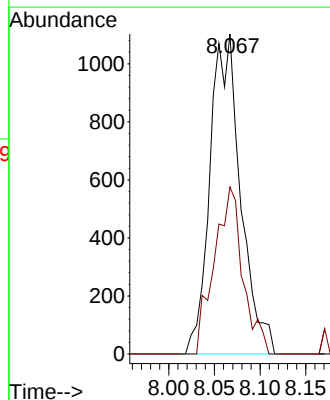
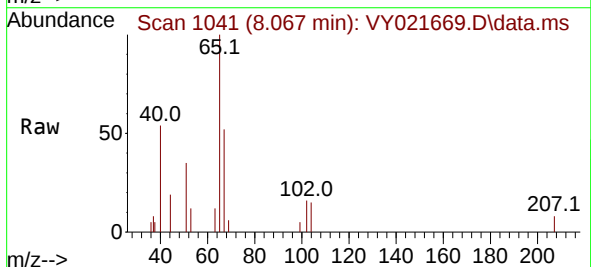
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-VOC

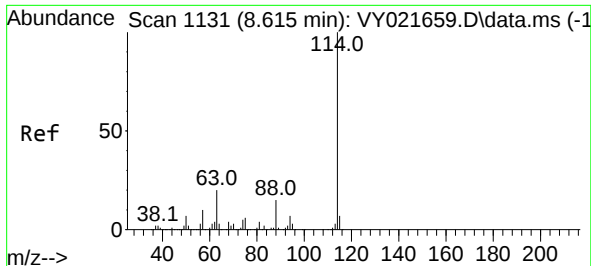
Tgt Ion:168 Resp: 3831
Ion Ratio Lower Upper
168 100
99 60.5 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 61.868 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021669.D
Acq: 27 Mar 2025 16:11

Tgt Ion: 65 Resp: 2568
Ion Ratio Lower Upper
65 100
67 48.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021669.D

Acq: 27 Mar 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

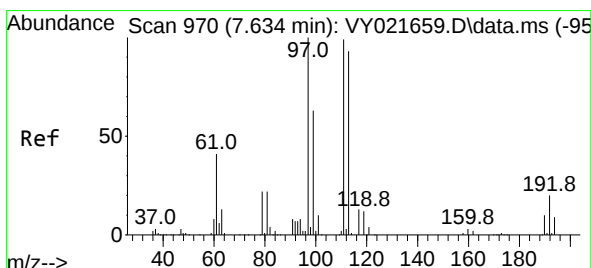
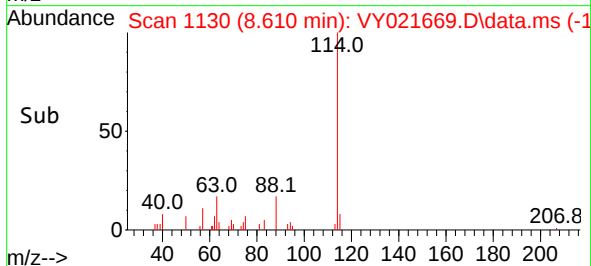
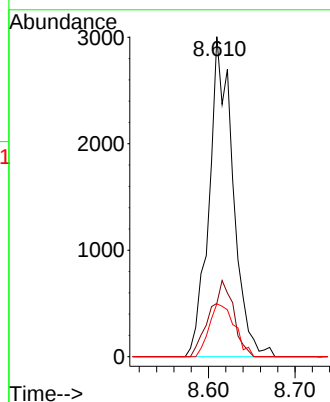
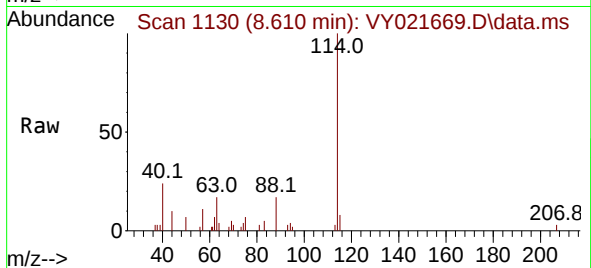
Tgt Ion:114 Resp: 5748

Ion Ratio Lower Upper

114 100

63 16.7 0.0 40.2

88 16.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 55.436 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY021669.D

Acq: 27 Mar 2025 16:11

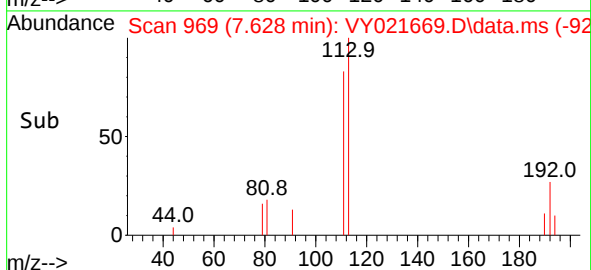
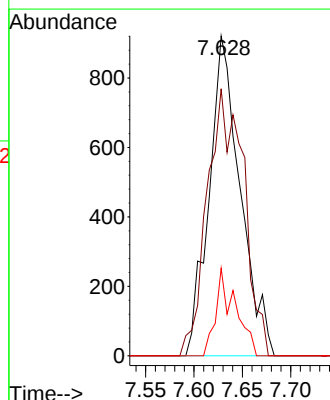
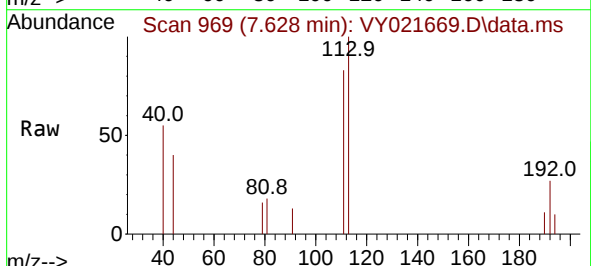
Tgt Ion:113 Resp: 2067

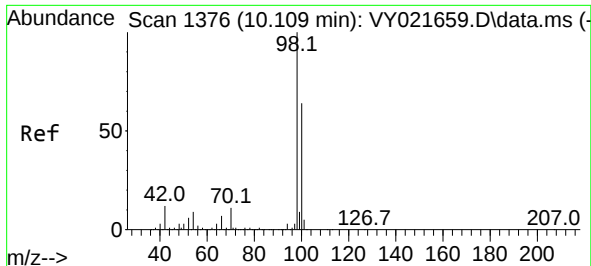
Ion Ratio Lower Upper

113 100

111 97.4 82.6 123.8

192 17.3 16.2 24.4

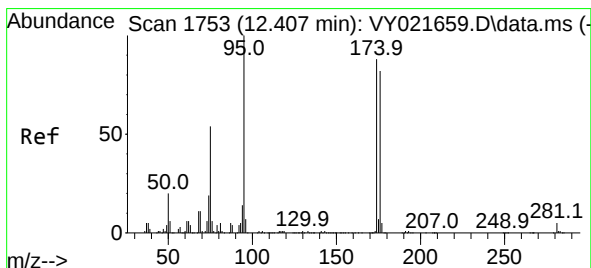
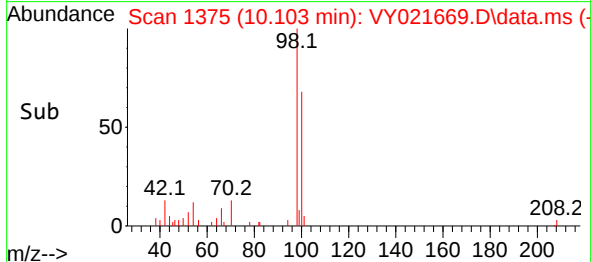
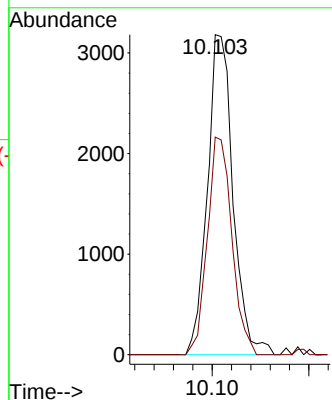
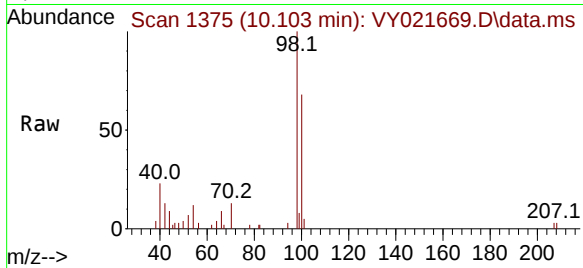




#50
Toluene-d8
Concen: 41.340 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021669.D
Acq: 27 Mar 2025 16:11

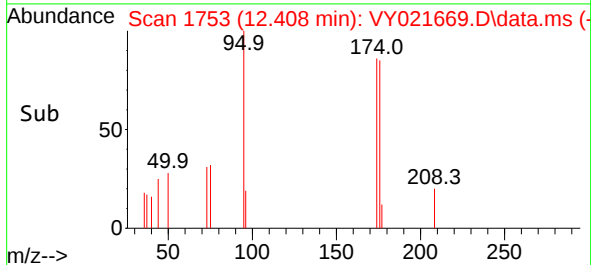
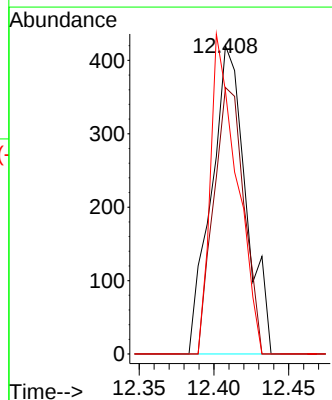
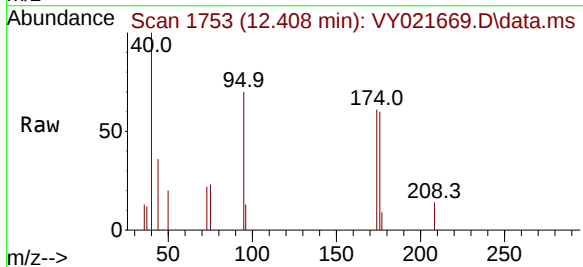
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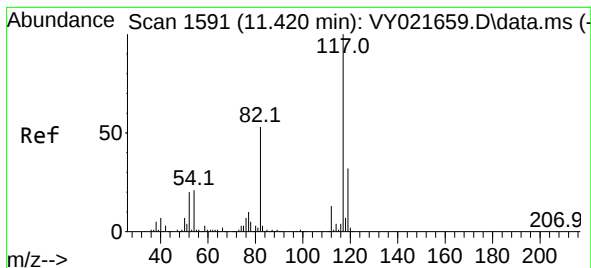
Tgt Ion: 98 Resp: 5864
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 14.089 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021669.D
Acq: 27 Mar 2025 16:11

Tgt Ion: 95 Resp: 676
Ion Ratio Lower Upper
95 100
174 76.0 0.0 170.8
176 79.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021669.D

Acq: 27 Mar 2025 16:11

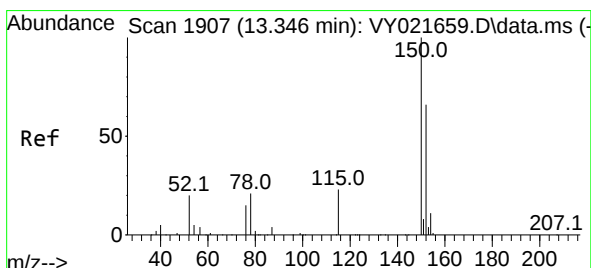
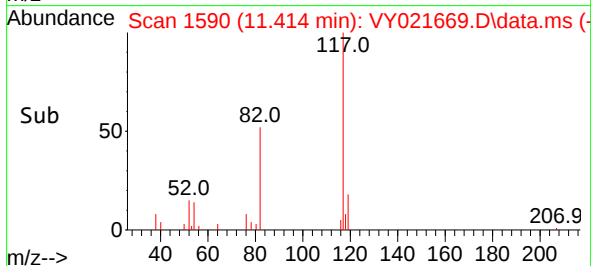
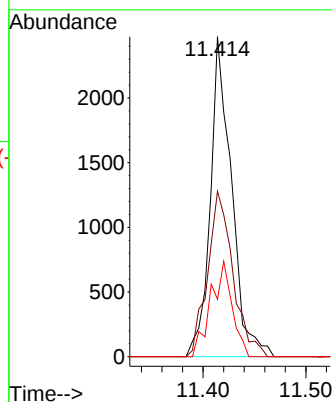
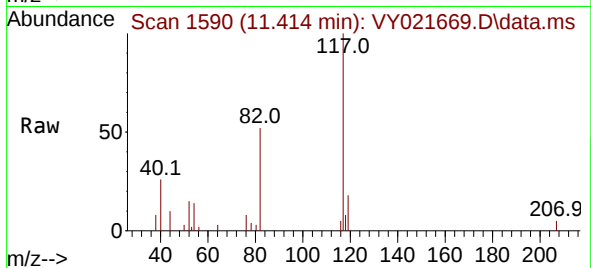
Instrument :

MSVOA_Y

ClientSampleId :

TP-6-VOC

Tgt Ion:117	Resp:	3549
Ion	Ratio	Lower Upper
117	100	
82	51.7	42.8 64.2
119	17.9	25.7 38.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021669.D

Acq: 27 Mar 2025 16:11

Tgt Ion:152	Resp:	462
Ion	Ratio	Lower Upper
152	100	
115	57.4	28.8 86.5
150	165.4	0.0 348.4

