

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022335.D
 Acq On : 20 May 2025 12:15
 Operator : SY/MD
 Sample : Q2071-11
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L1-WC-9-VOC

Quant Time: May 21 01:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

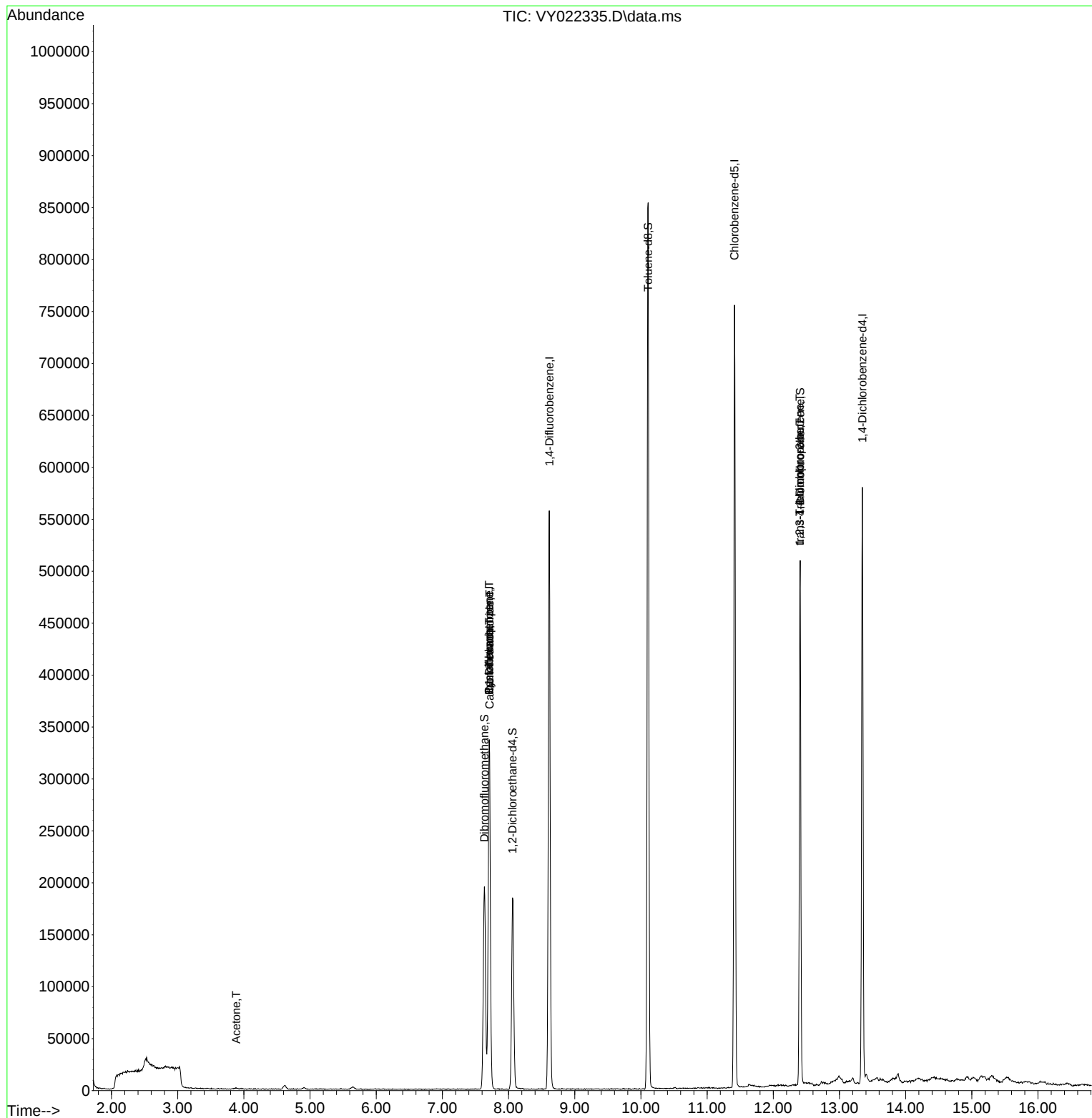
Internal Standards						
1) Pentafluorobenzene	7.707	168	251612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	456221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135200	49.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.634	113	137229	50.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.109	98	544227	48.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.407	95	139110	39.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.700%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1394	2.704	ug/l	91
31) Cyclohexane	7.707	56	6614	1.189	ug/l #	25
36) 1,1-Dichloropropene	7.707	75	22020	4.910	ug/l #	51
38) Carbon Tetrachloride	7.713	117	26029	5.607	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	82280	60.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	82280	123.045	ug/l #	12

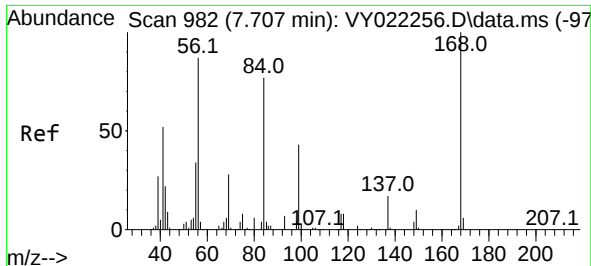
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022335.D
Acq On : 20 May 2025 12:15
Operator : SY/MD
Sample : Q2071-11
Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

Quant Time: May 21 01:46:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

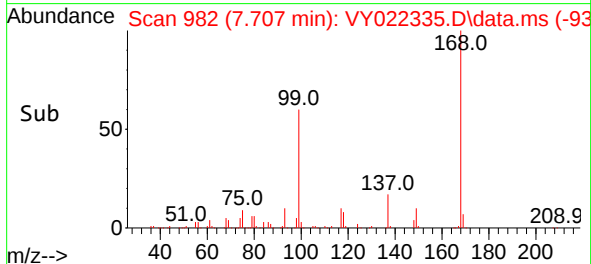
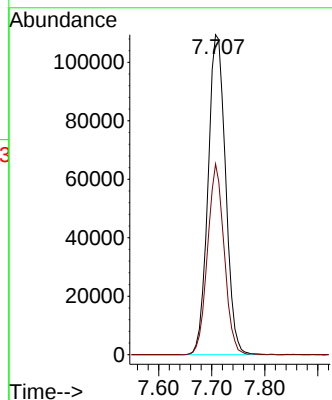
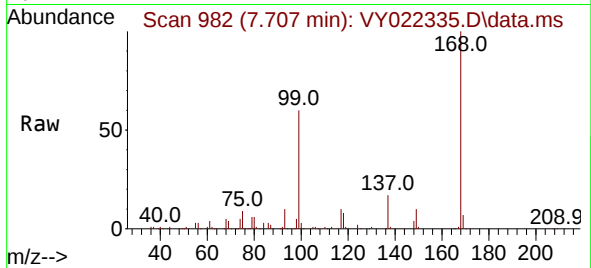




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

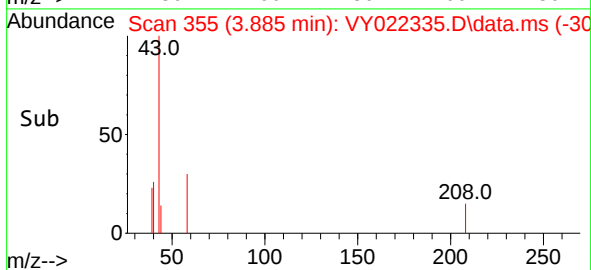
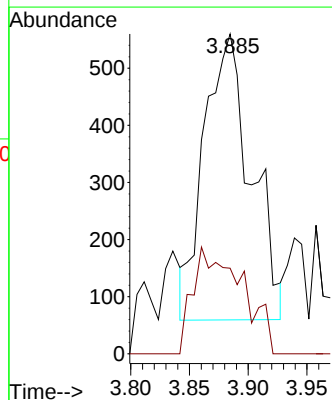
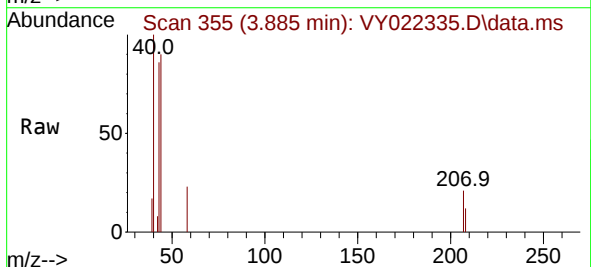
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

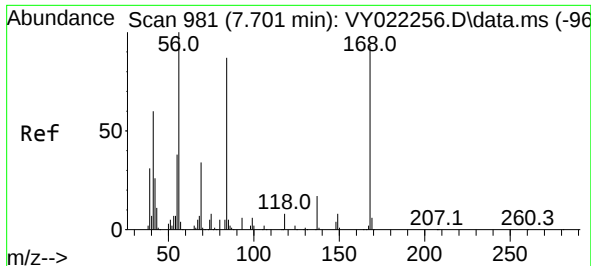
Tgt Ion:168 Resp: 251612
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#16
Acetone
Concen: 2.704 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 34.4 23.6 35.4

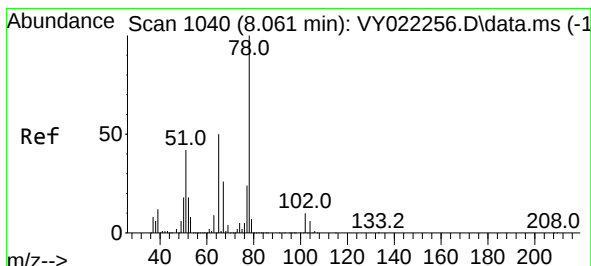
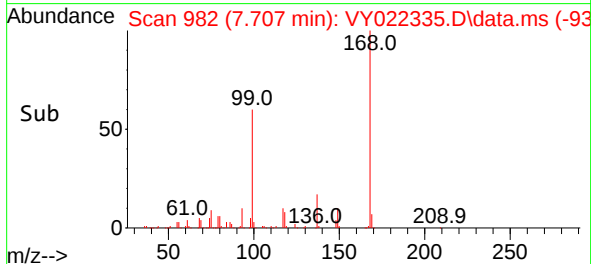
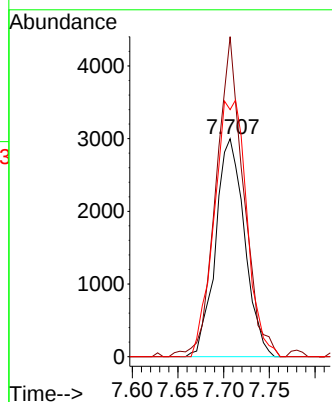
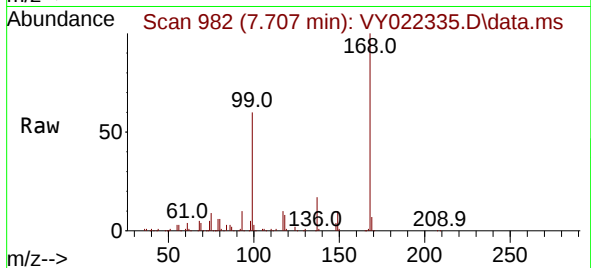




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

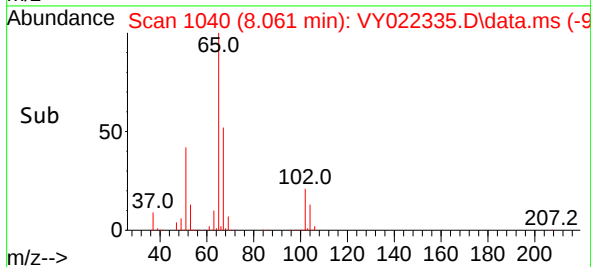
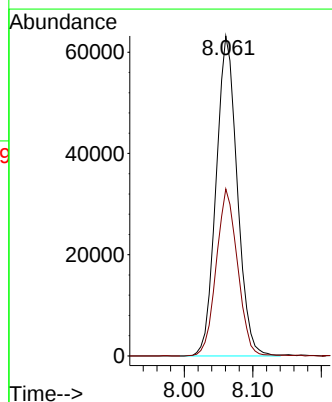
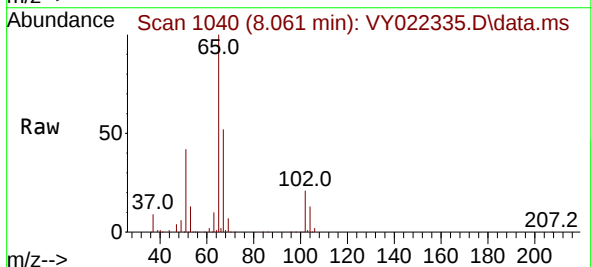
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

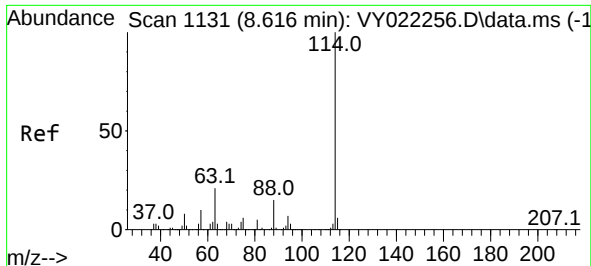
Tgt Ion: 56 Resp: 6614
Ion Ratio Lower Upper
56 100
69 146.8 27.4 41.2#
84 113.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 49.166 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion: 65 Resp: 135200
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

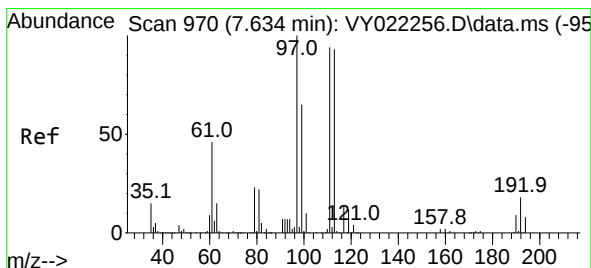
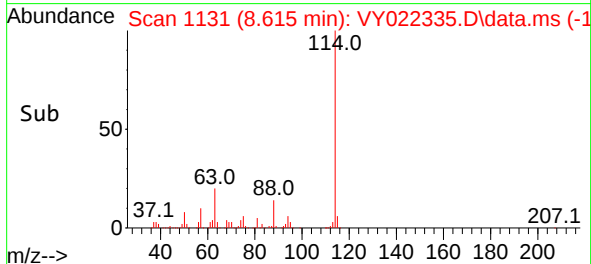
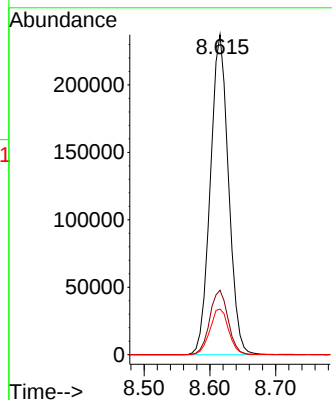
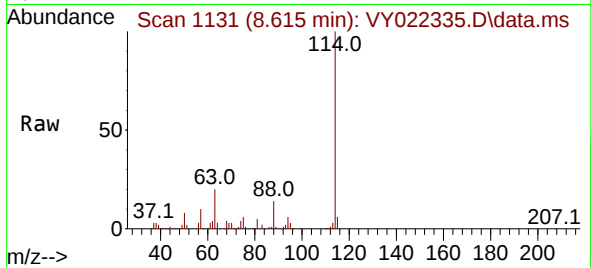




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

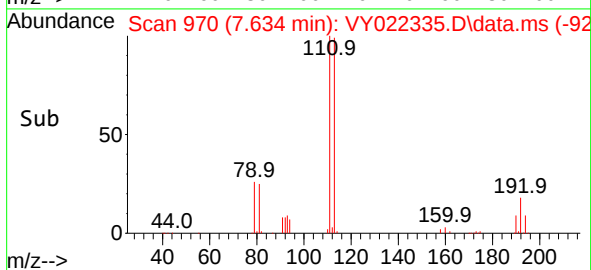
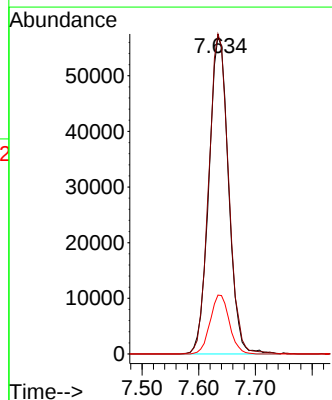
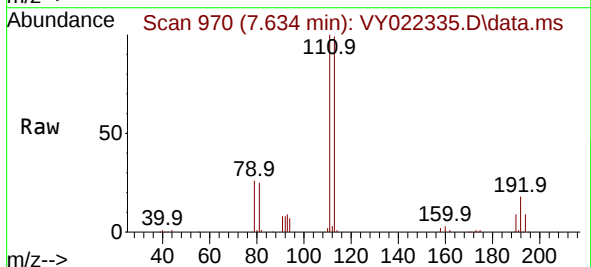
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

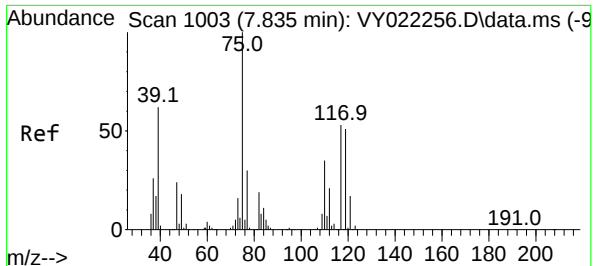
Tgt Ion:114 Resp: 456221
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.0
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.396 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion:113 Resp: 137229
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

L1-WC-9-VOC

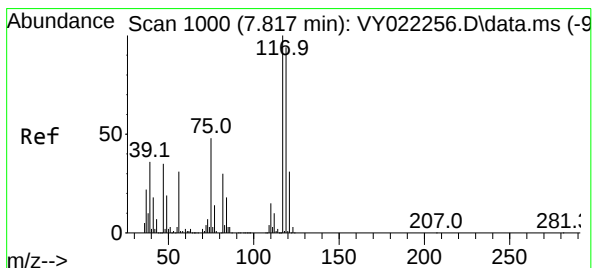
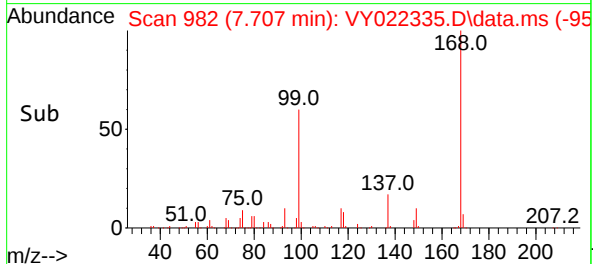
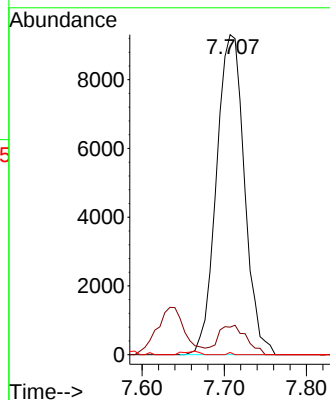
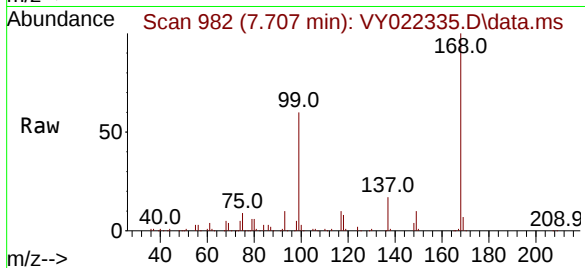
Tgt Ion: 75 Resp: 22020

Ion Ratio Lower Upper

75 100

110 9.4 16.6 49.8#

77 0.1 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.607 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY022335.D

Acq: 20 May 2025 12:15

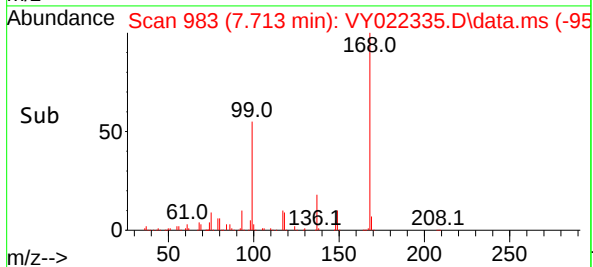
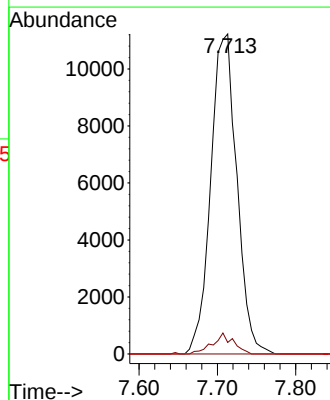
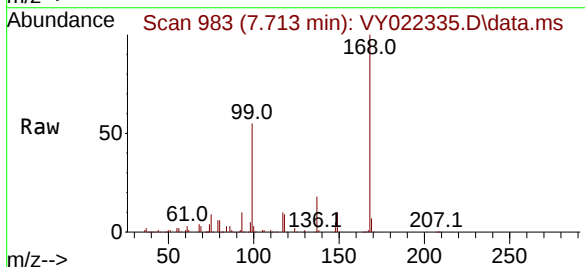
Tgt Ion: 117 Resp: 26029

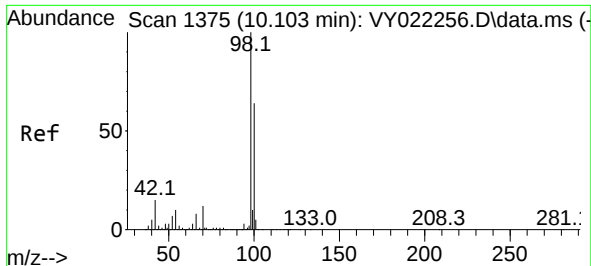
Ion Ratio Lower Upper

117 100

119 3.6 75.3 112.9#

121 0.0 24.7 37.1#

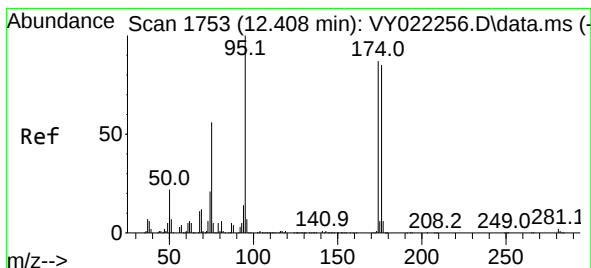
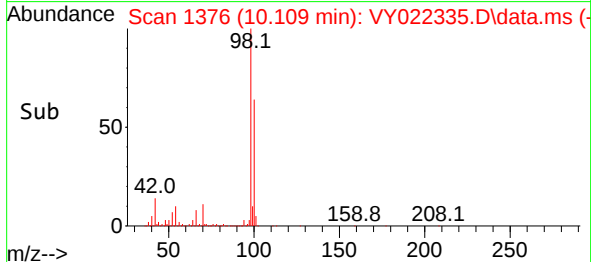
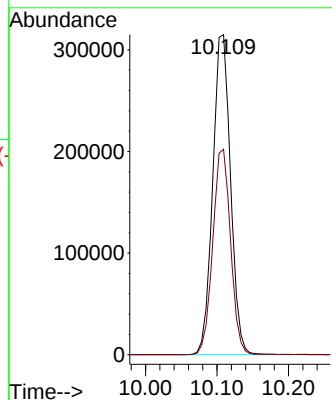
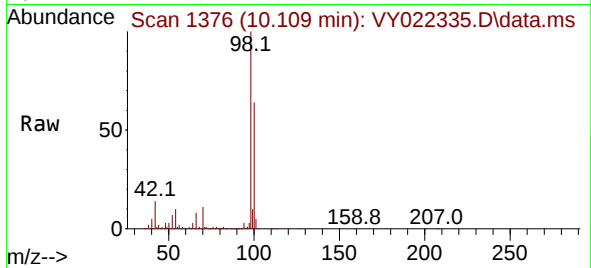




#50
Toluene-d8
Concen: 48.800 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

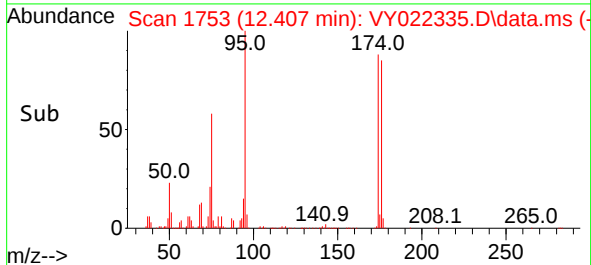
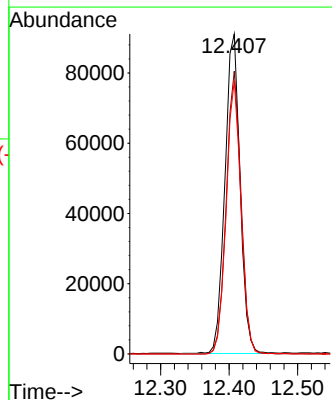
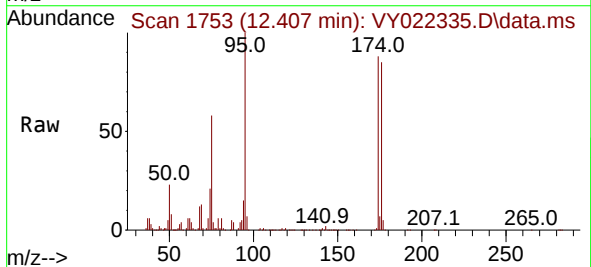
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

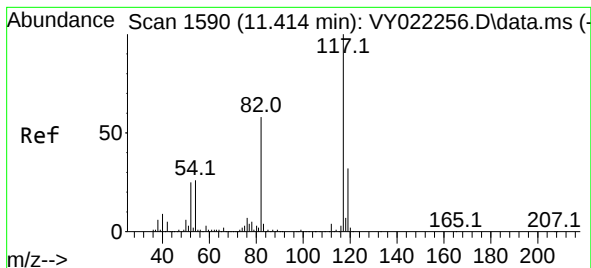
Tgt Ion: 98 Resp: 544227
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.354 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion: 95 Resp: 139110
Ion Ratio Lower Upper
95 100
174 86.7 0.0 166.8
176 83.1 0.0 160.8

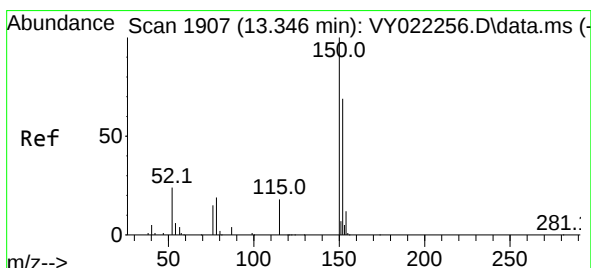
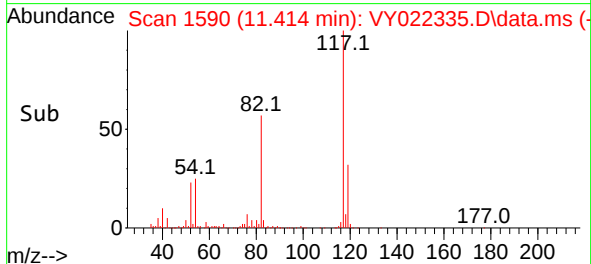
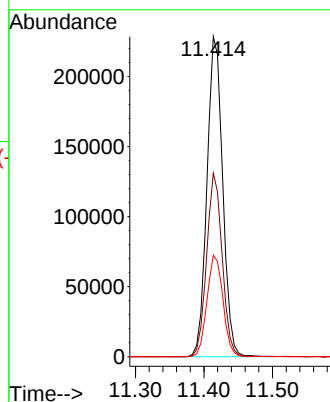
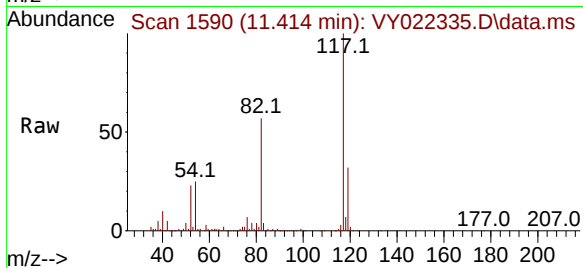




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

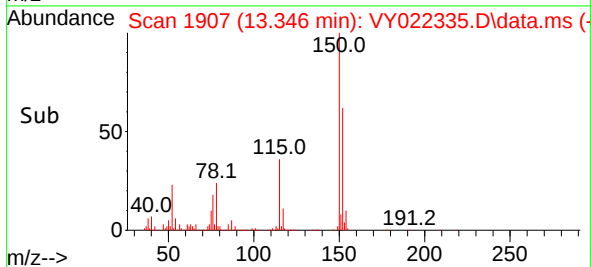
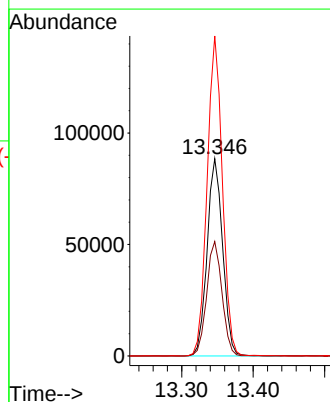
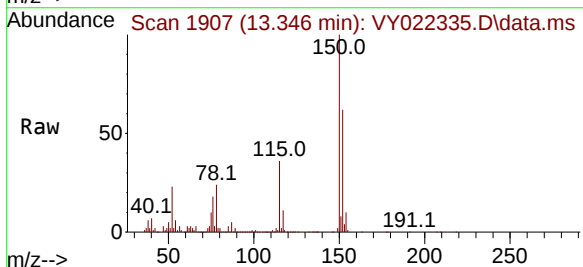
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

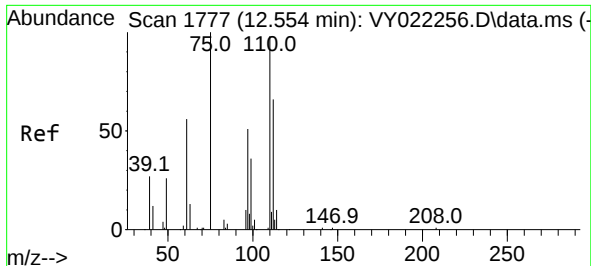
Tgt Ion:117 Resp: 364550
Ion Ratio Lower Upper
117 100
82 57.3 46.6 70.0
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion:152 Resp: 133709
Ion Ratio Lower Upper
152 100
115 57.4 29.4 88.2
150 158.5 0.0 353.8

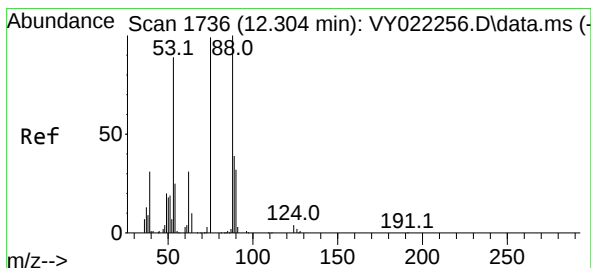
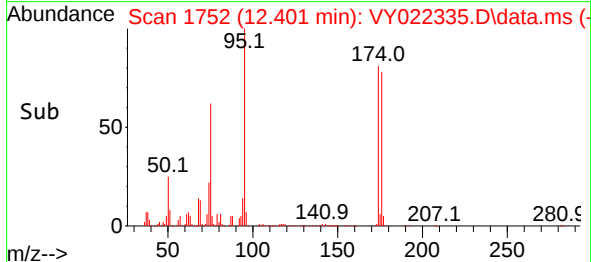
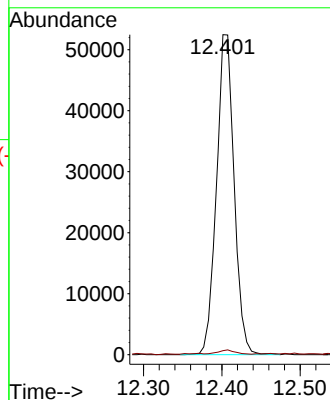
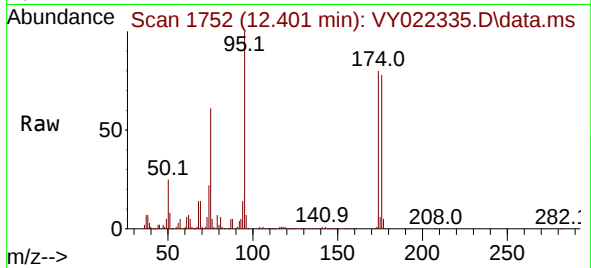




#76
1,2,3-Trichloropropane
Concen: 60.741 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-9-VOC

Tgt Ion: 75 Resp: 82280
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.045 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022335.D
Acq: 20 May 2025 12:15

Tgt Ion: 75 Resp: 82280
Ion Ratio Lower Upper
75 100
53 0.3 75.8 113.8#
89 0.1 36.2 54.2#

