

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022315.D
 Acq On : 19 May 2025 13:49
 Operator : SY/MD
 Sample : Q2062-03
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L1-WC-1-VOC

Quant Time: May 20 01:13:38 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)

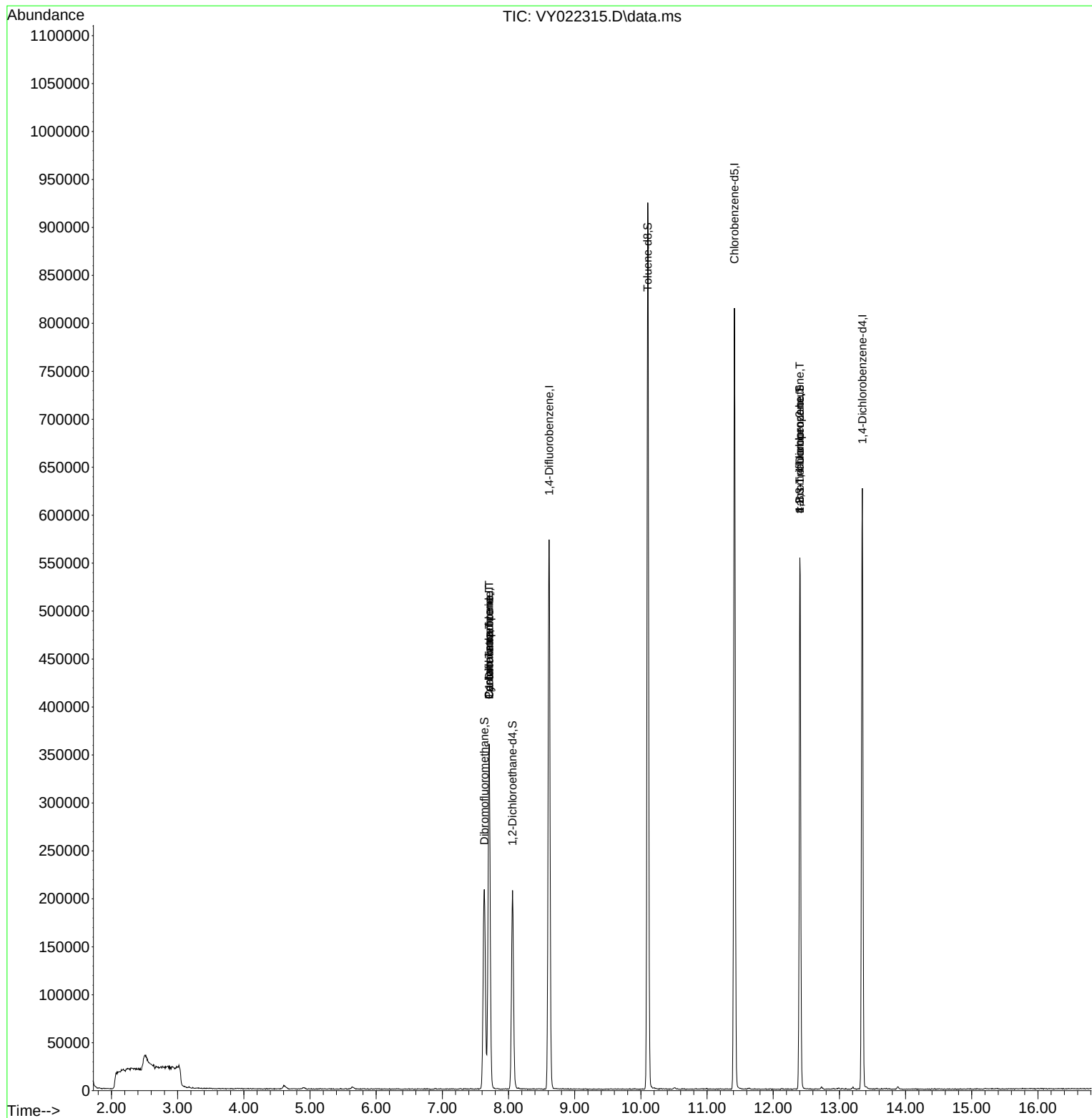
Internal Standards						
1) Pentafluorobenzene	7.707	168	270724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	482464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	146379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151606	51.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.480%	
35) Dibromofluoromethane	7.634	113	146752	50.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.920%	
50) Toluene-d8	10.103	98	580520	49.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.402	95	153348	41.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.040%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.707	56	7320	1.223	ug/l #	37
36) 1,1-Dichloropropene	7.707	75	23031	4.856	ug/l #	50
38) Carbon Tetrachloride	7.707	117	27834	5.669	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	88648	59.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	88648	121.094	ug/l #	12

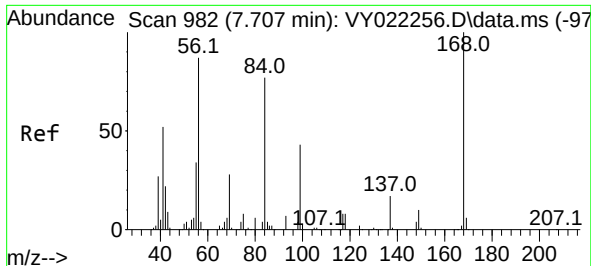
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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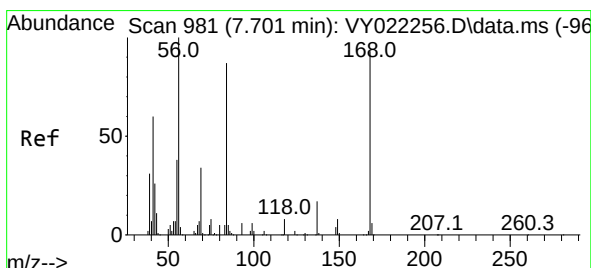
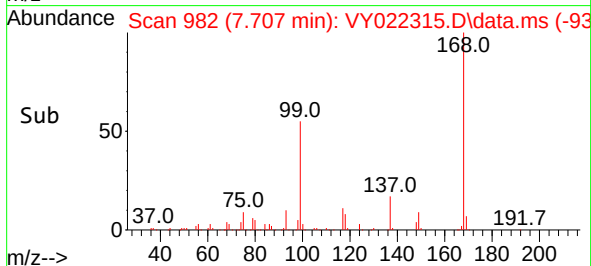
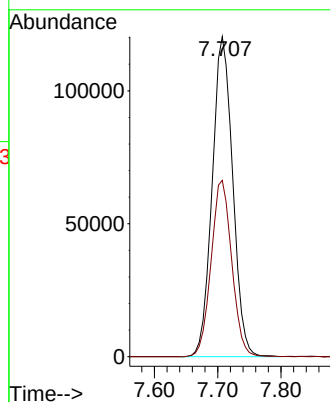
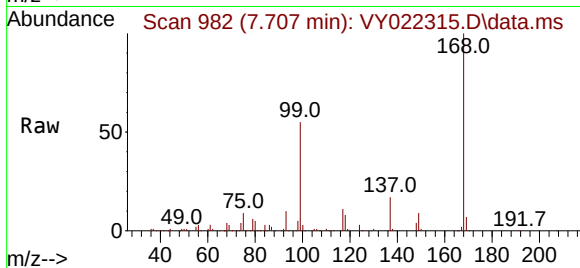




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

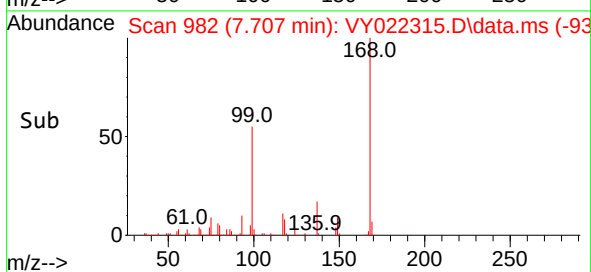
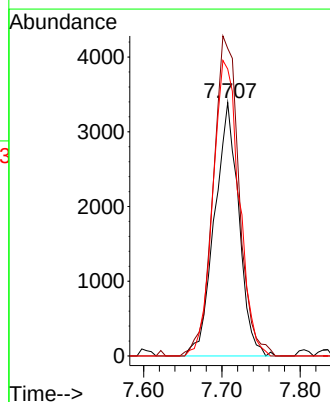
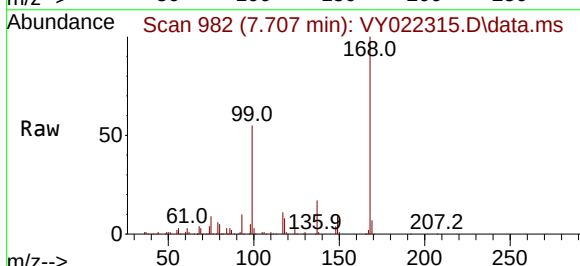
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-1-VOC

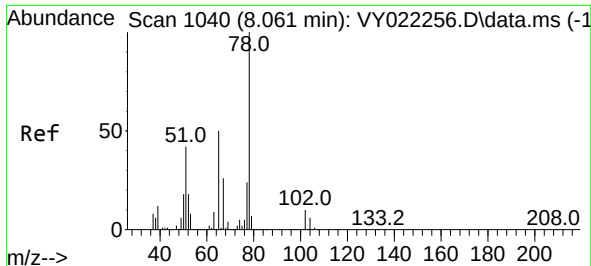
Tgt Ion:168 Resp: 270724
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

Tgt Ion: 56 Resp: 7320
Ion Ratio Lower Upper
56 100
69 121.4 27.4 41.2#
84 113.2 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 51.240 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022315.D

Acq: 19 May 2025 13:49

Instrument :

MSVOA_Y

ClientSampleId :

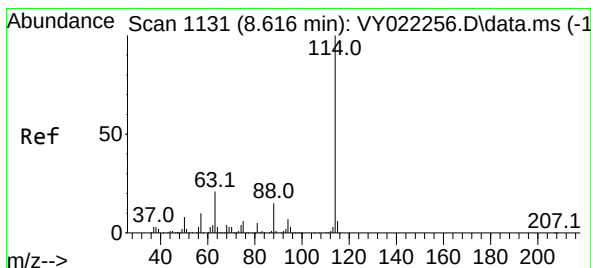
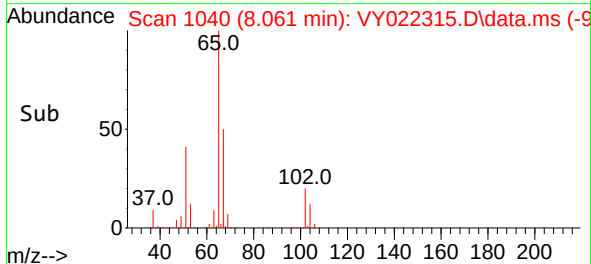
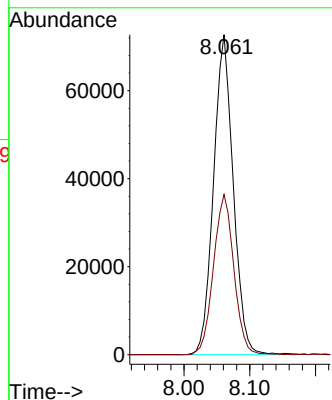
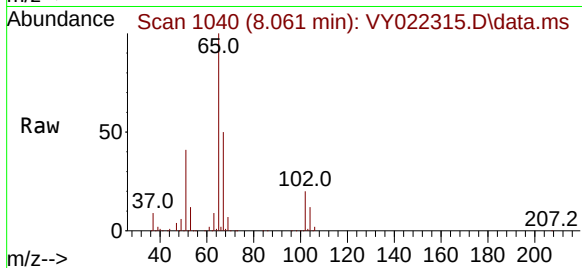
L1-WC-1-VOC

Tgt Ion: 65 Resp: 151606

Ion Ratio Lower Upper

65 100

67 51.9 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: VY022315.D

Acq: 19 May 2025 13:49

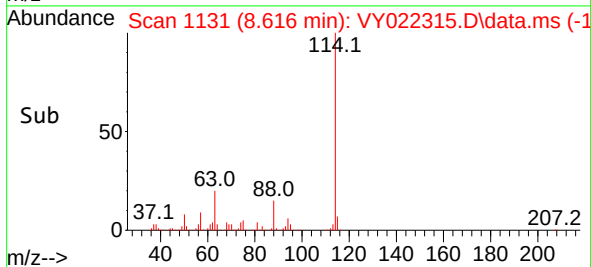
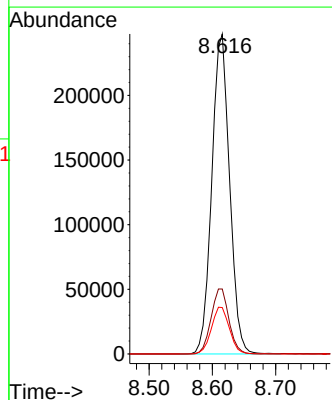
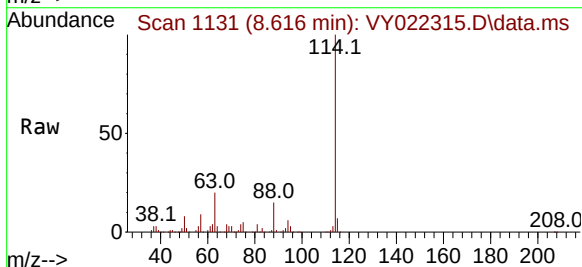
Tgt Ion: 114 Resp: 482464

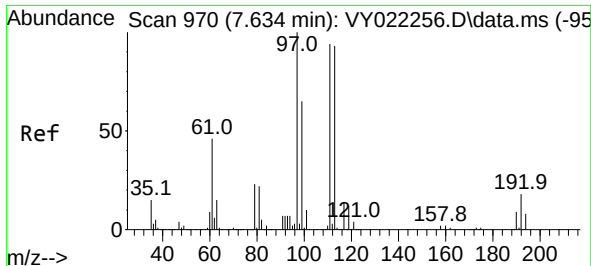
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.5 0.0 29.4

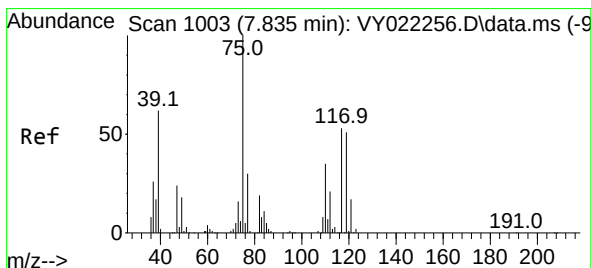
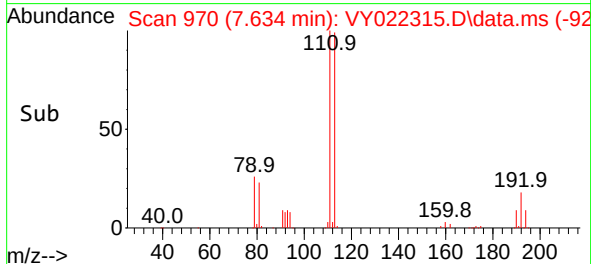
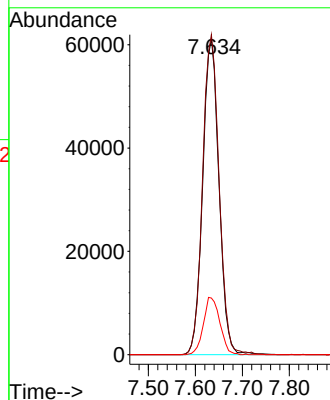
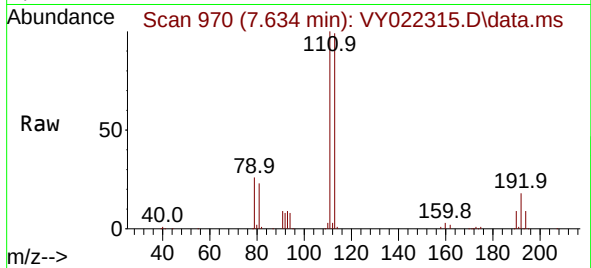




#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

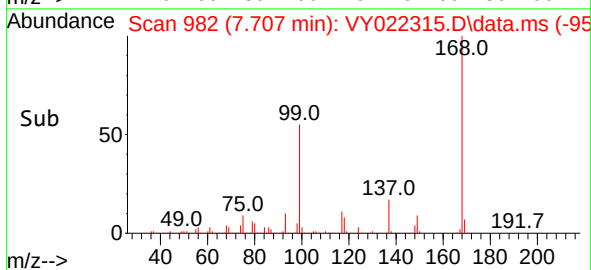
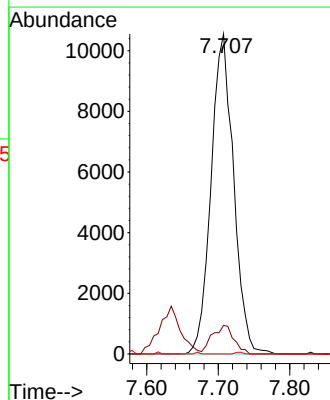
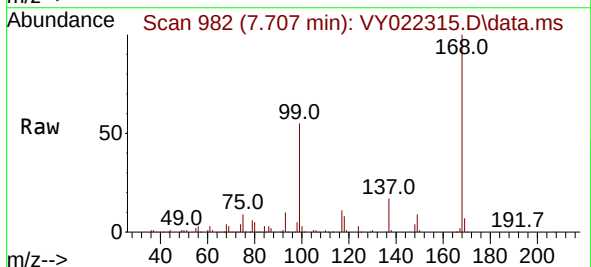
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-1-VOC

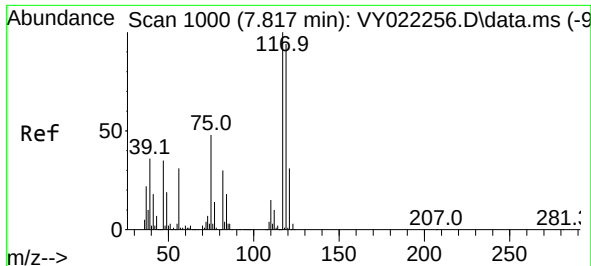
Tgt Ion:113 Resp: 146752
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

Tgt Ion: 75 Resp: 23031
Ion Ratio Lower Upper
75 100
110 8.5 16.6 49.8#
77 0.0 24.6 37.0#

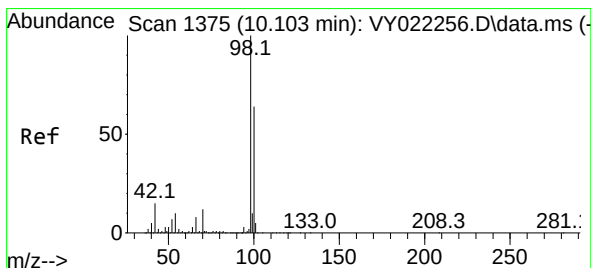
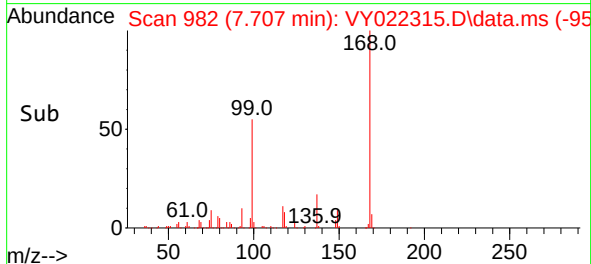
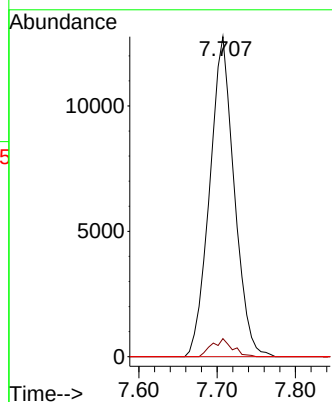
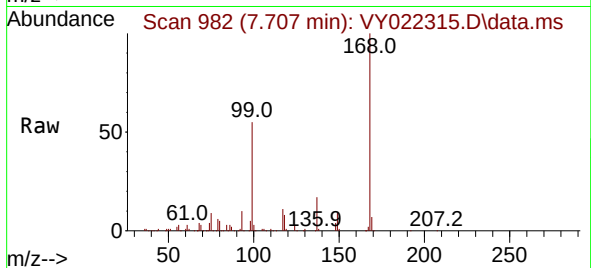




#38
Carbon Tetrachloride
Concen: 5.669 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

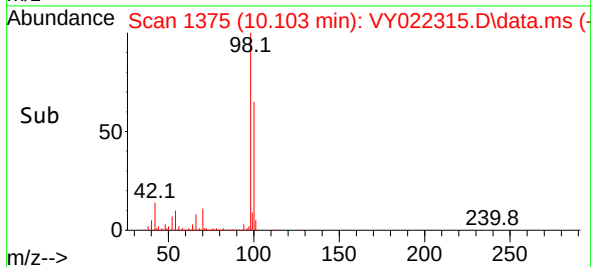
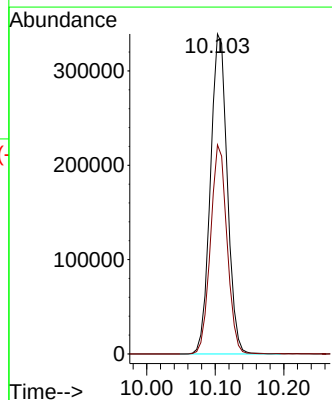
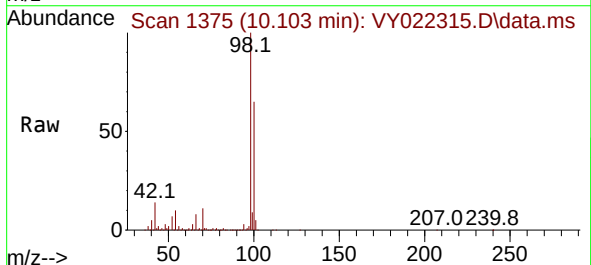
Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-1-VOC

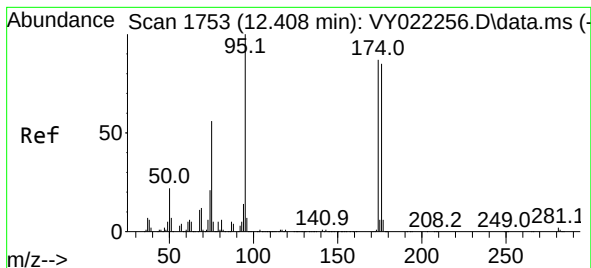
Tgt Ion:117 Resp: 27834
Ion Ratio Lower Upper
117 100
119 5.7 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.223 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

Tgt Ion: 98 Resp: 580520
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8

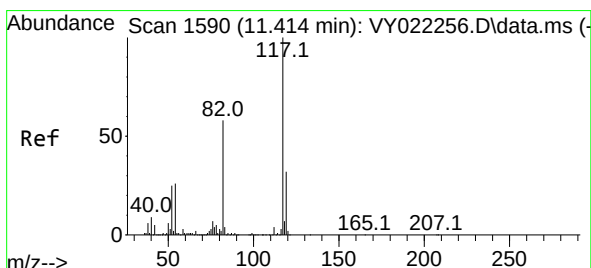
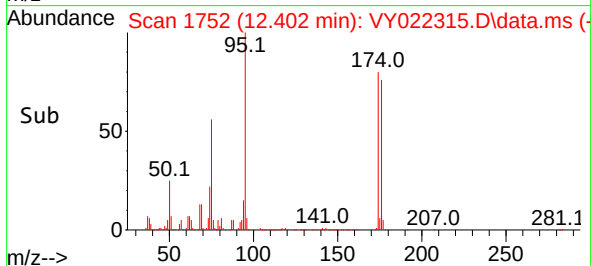
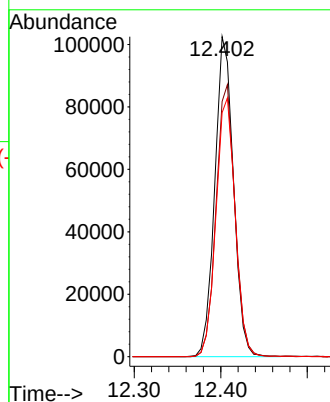
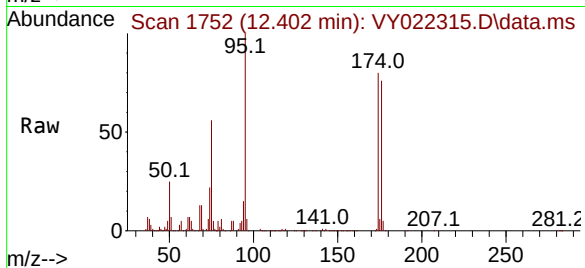




#62
4-Bromofluorobenzene
Concen: 41.022 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

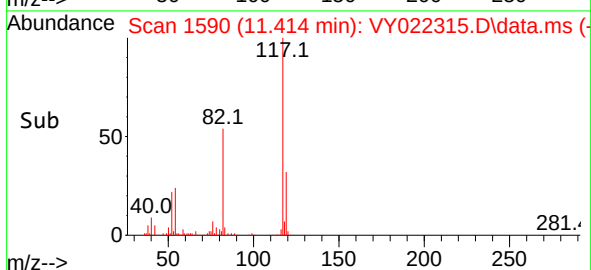
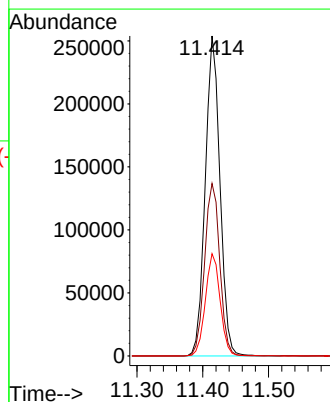
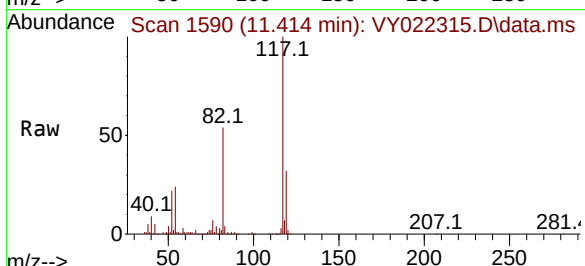
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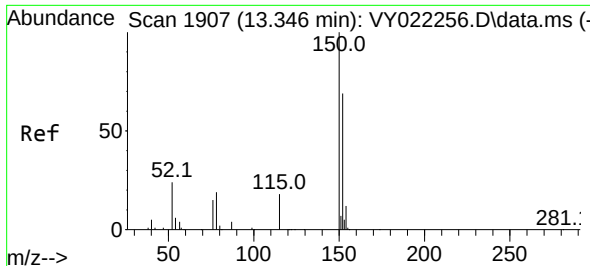
Tgt Ion: 95 Resp: 153348
Ion Ratio Lower Upper
95 100
174 86.2 0.0 166.8
176 83.4 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

Tgt Ion: 117 Resp: 394803
Ion Ratio Lower Upper
117 100
82 53.9 46.6 70.0
119 32.0 25.8 38.6

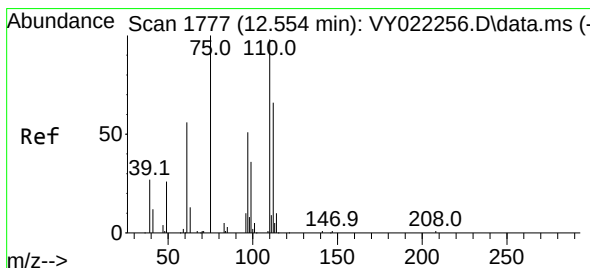
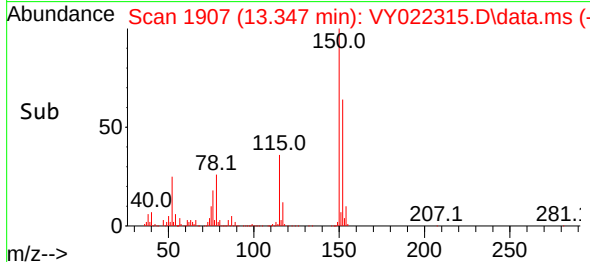
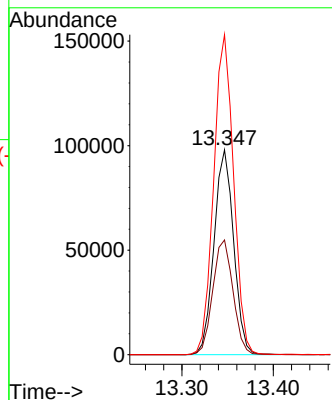
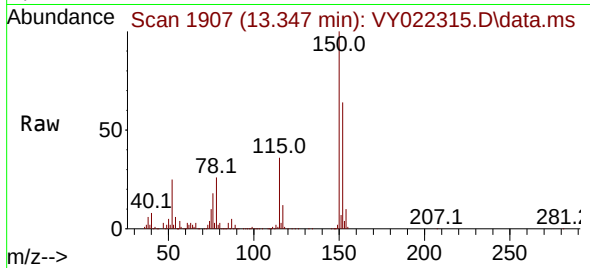




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022315.D
 Acq: 19 May 2025 13:49

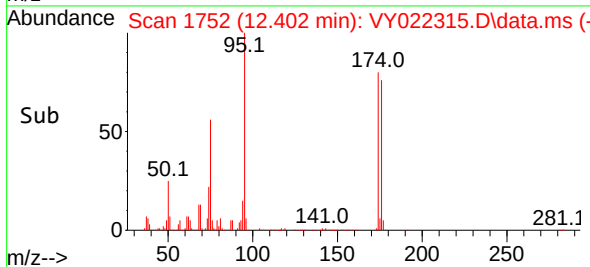
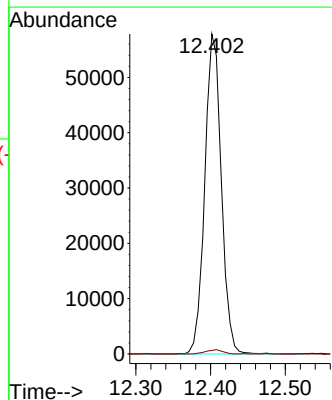
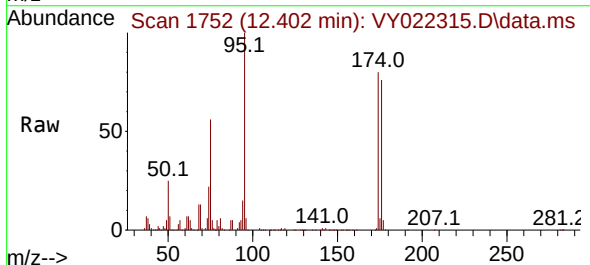
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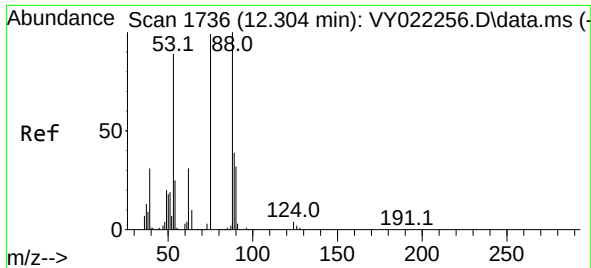
Tgt Ion:152 Resp: 146379
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.4 88.2
 150 158.2 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 59.777 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022315.D
 Acq: 19 May 2025 13:49

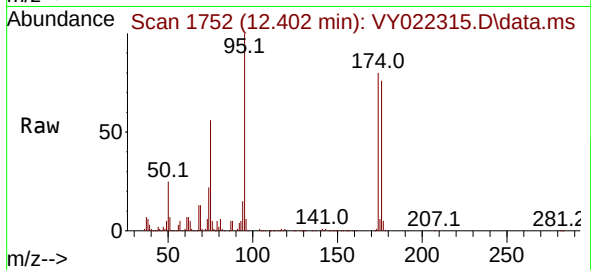
Tgt Ion: 75 Resp: 88648
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 121.094 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY022315.D
Acq: 19 May 2025 13:49

Instrument :
MSVOA_Y
ClientSampleId :
L1-WC-1-VOC



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.8	113.8#
89	0.1	36.2	54.2#

