

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022038.D
 Acq On : 28 Apr 2025 17:49
 Operator : SY/MD
 Sample : Q1900-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Apr 29 03:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	312576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	578310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147601	51.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.634	113	192864	50.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.103	98	697460	48.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	12.407	95	187051	38.576	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	559	Below Cal	#	78
31) Cyclohexane	7.701	56	5314	1.113	ug/l #	19
36) 1,1-Dichloropropene	7.707	75	22487	4.382	ug/l #	49
38) Carbon Tetrachloride	7.707	117	30197	4.924	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2558	1.379	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	92437	55.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	92437	134.620	ug/l #	16

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

Quant Time: Apr 29 03:55:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
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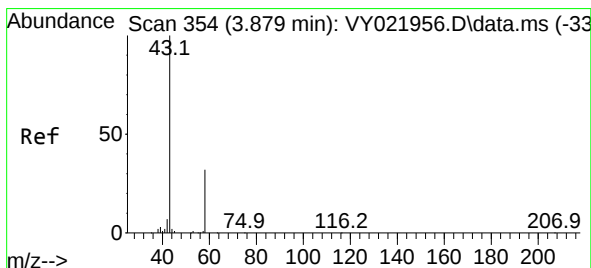
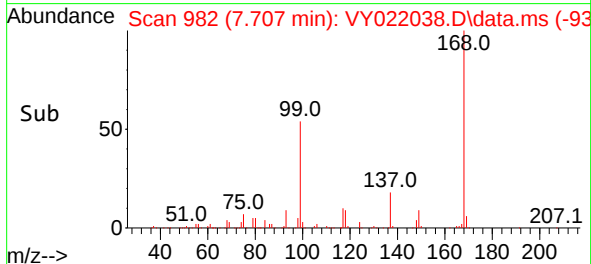
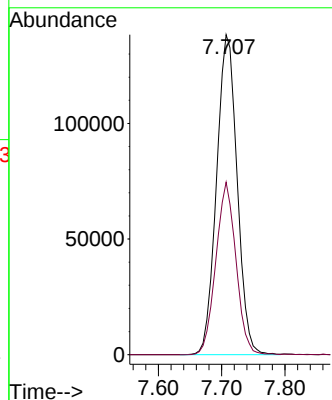
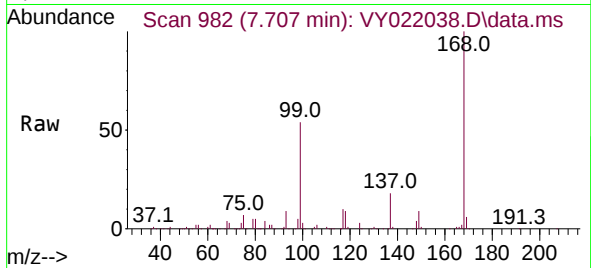




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

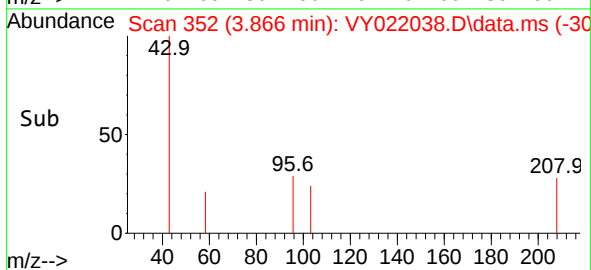
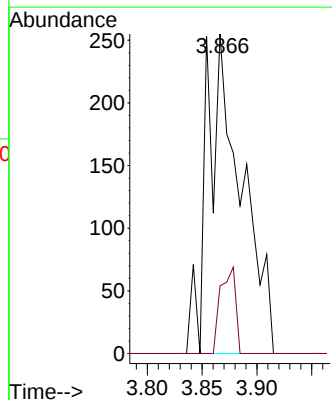
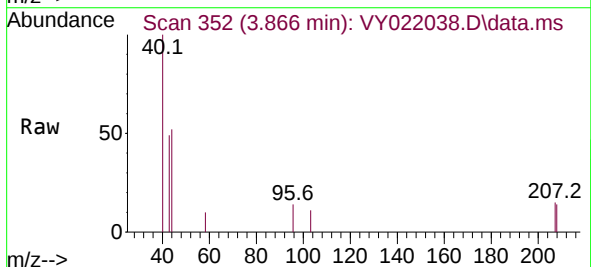
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

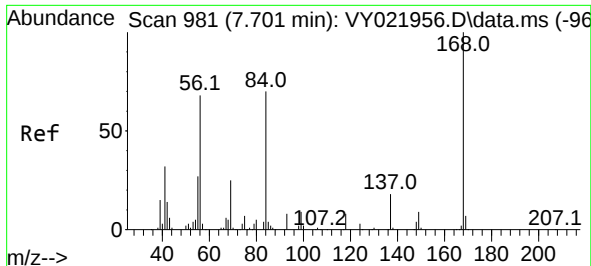
Tgt Ion:168 Resp: 312576
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 21.2 27.0 40.4#

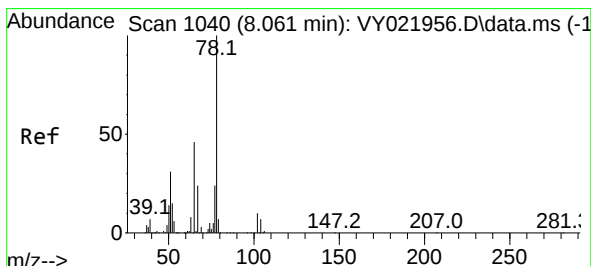
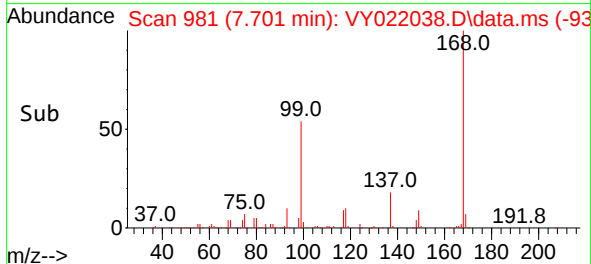
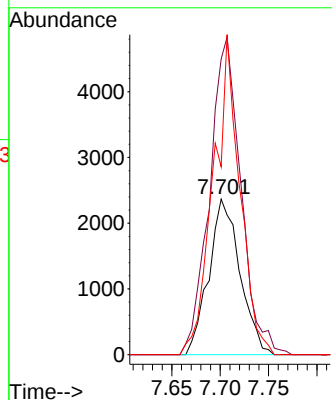
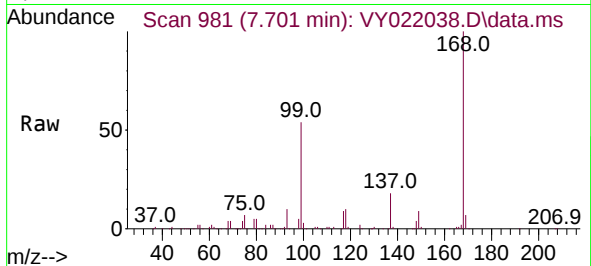




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

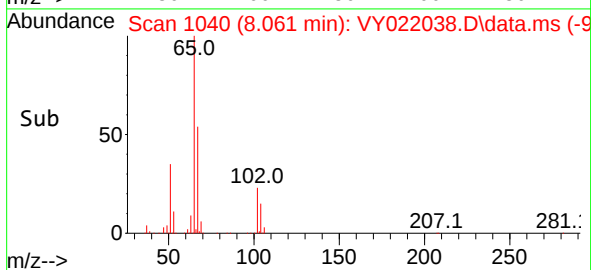
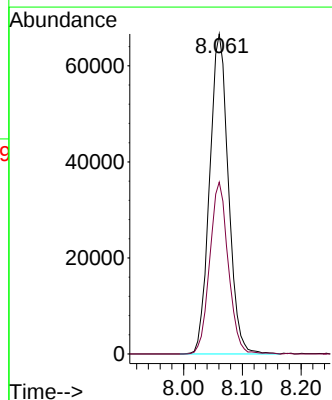
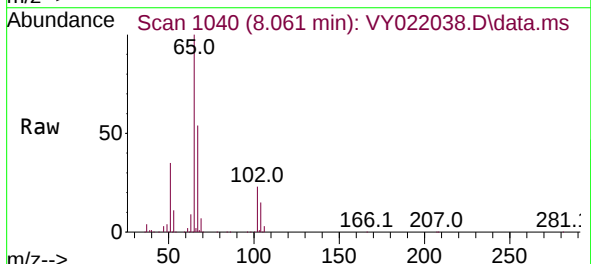
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

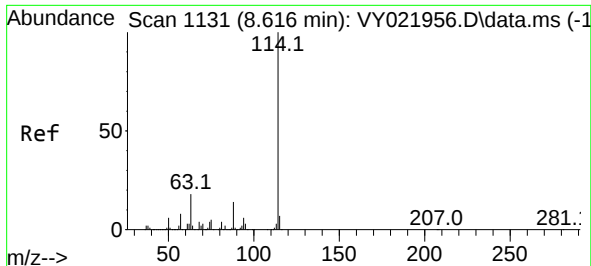
Tgt Ion: 56 Resp: 5314
Ion Ratio Lower Upper
56 100
69 190.1 29.4 44.2#
84 120.9 82.2 123.4



#33
1,2-Dichloroethane-d4
Concen: 51.122 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

Tgt Ion: 65 Resp: 147601
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022038.D

Acq: 28 Apr 2025 17:49

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

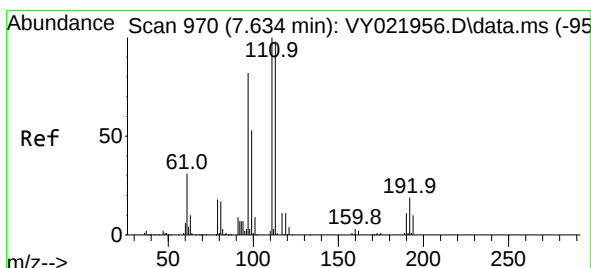
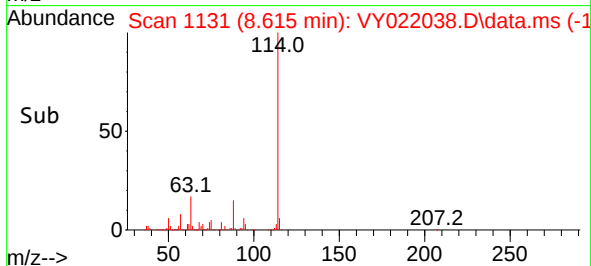
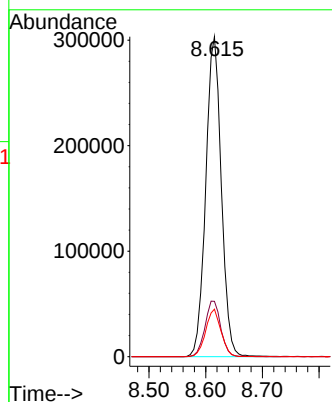
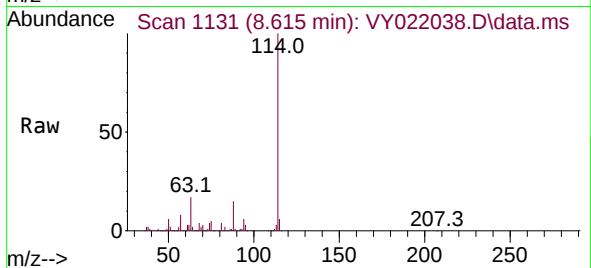
Tgt Ion:114 Resp: 578310

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.480 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022038.D

Acq: 28 Apr 2025 17:49

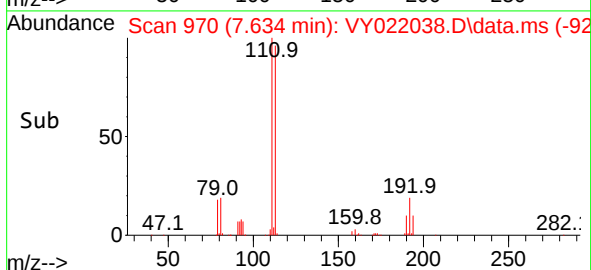
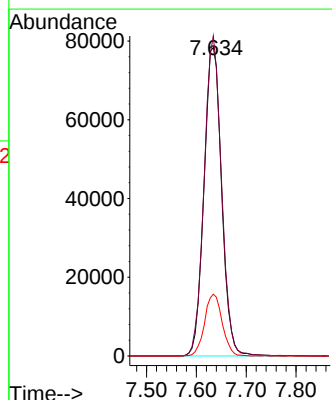
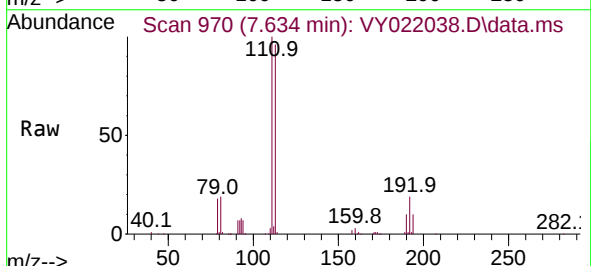
Tgt Ion:113 Resp: 192864

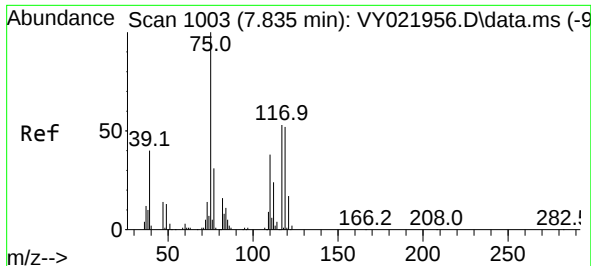
Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

192 20.0 15.6 23.4

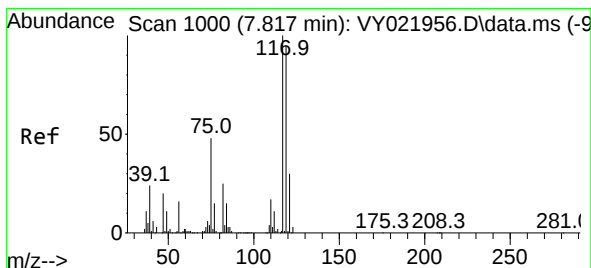
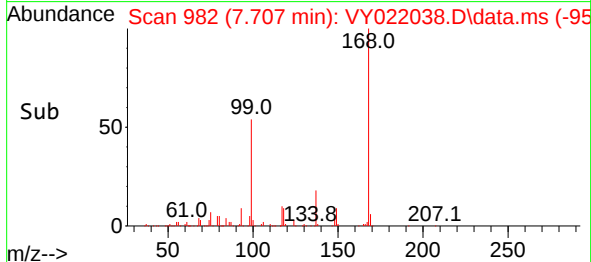
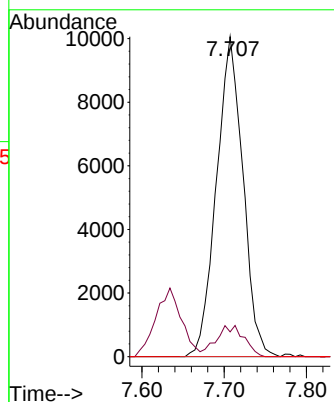
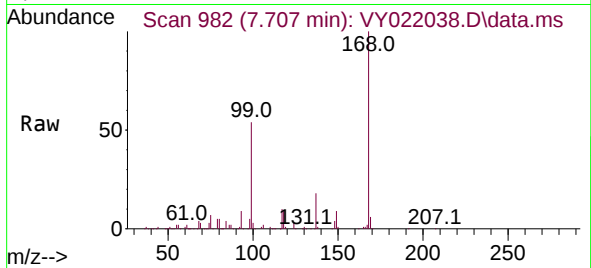




#36
 1,1-Dichloropropene
 Concen: 4.382 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY022038.D
 Acq: 28 Apr 2025 17:49

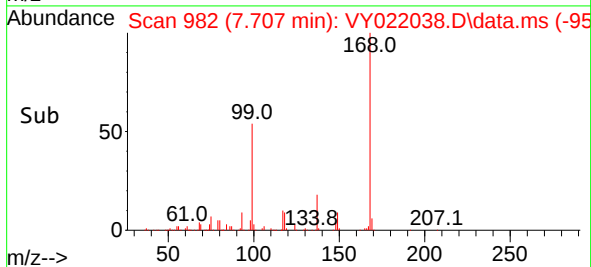
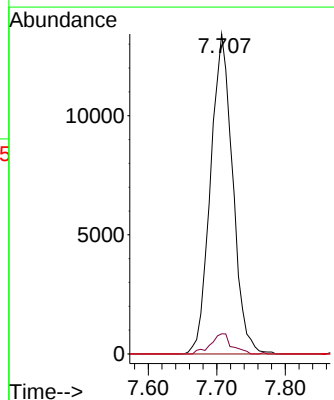
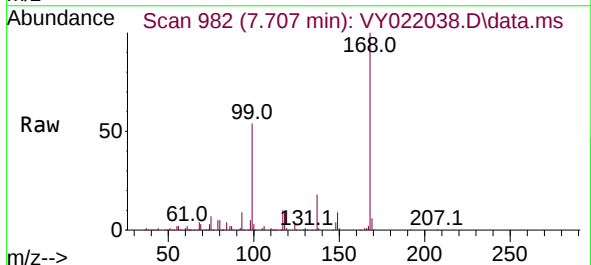
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

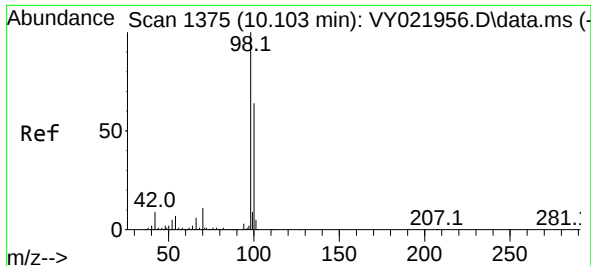
Tgt Ion: 75 Resp: 22487
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.924 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY022038.D
 Acq: 28 Apr 2025 17:49

Tgt Ion: 117 Resp: 30197
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.2 114.4#
 121 0.0 24.0 36.0#

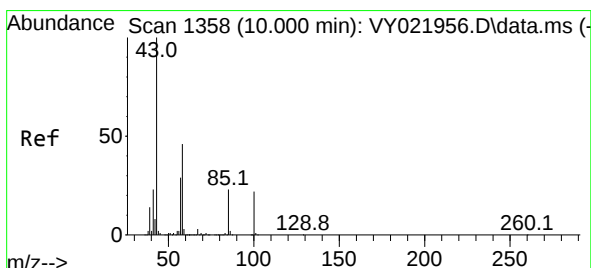
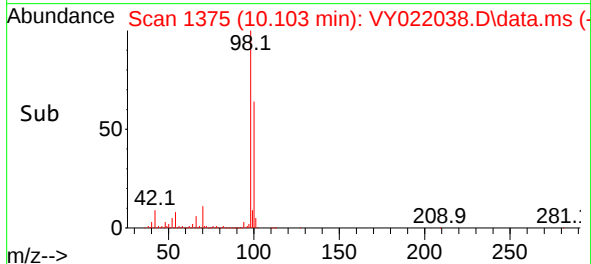
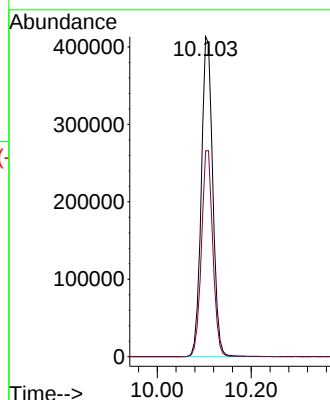
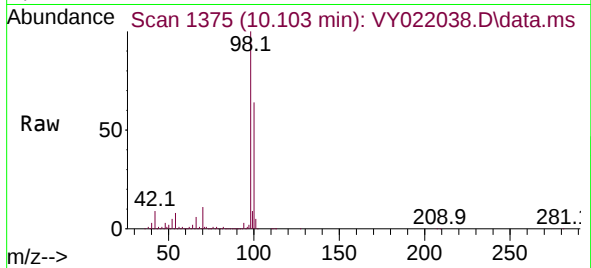




#50
Toluene-d8
Concen: 48.422 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

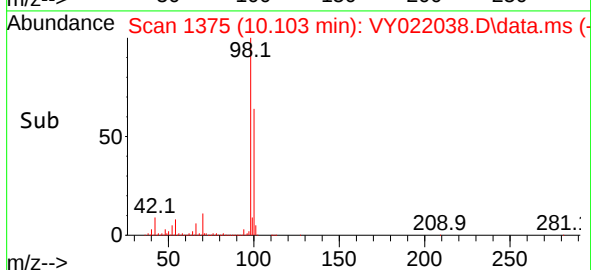
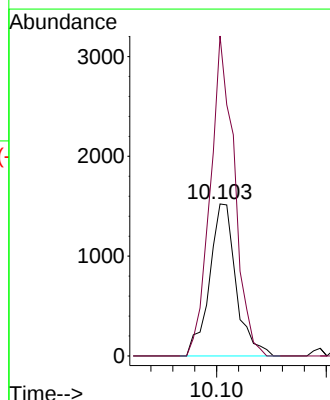
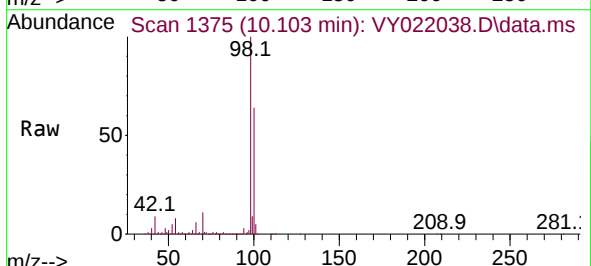
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

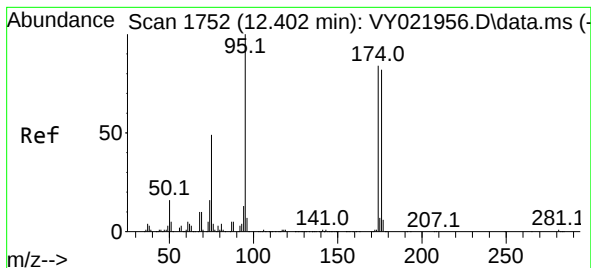
Tgt Ion: 98 Resp: 697460
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.379 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.103 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 191.8 36.6 55.0#

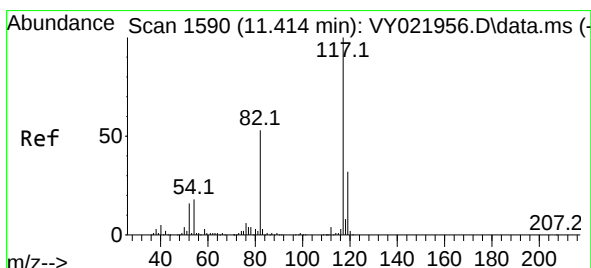
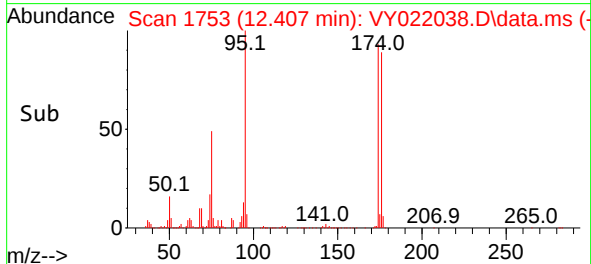
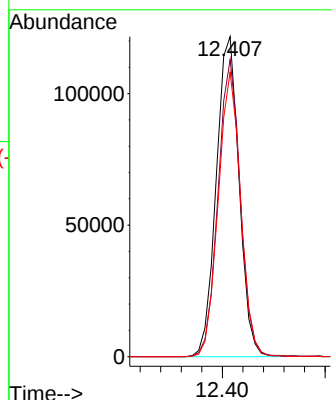
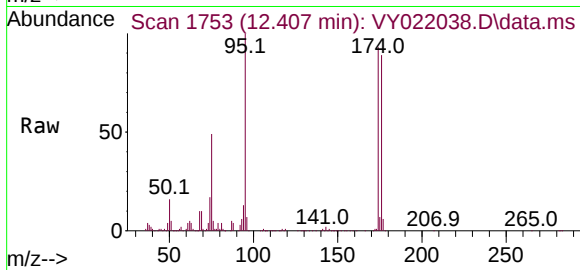




#62
4-Bromofluorobenzene
Concen: 38.576 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

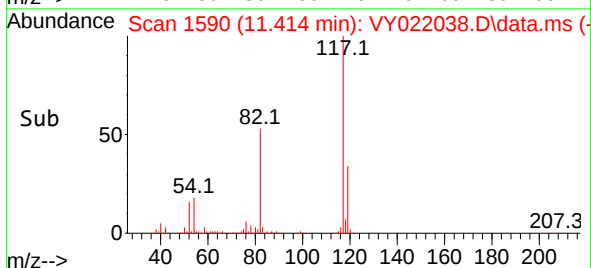
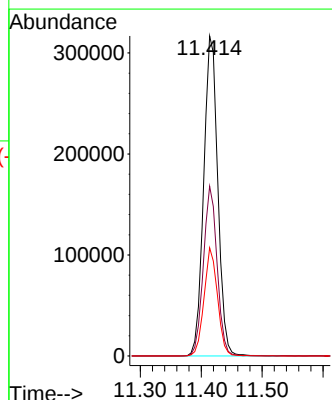
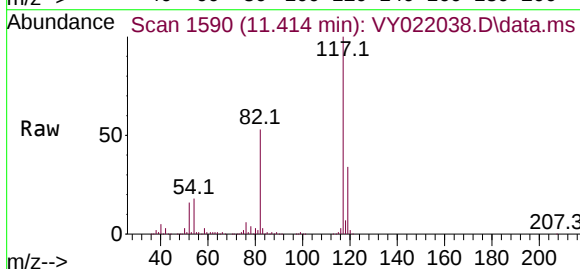
Instrument :
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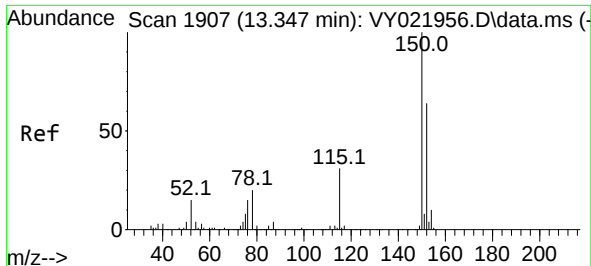
Tgt Ion: 95 Resp: 187051
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.0
176 87.2 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022038.D
Acq: 28 Apr 2025 17:49

Tgt Ion: 117 Resp: 510020
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 33.8 25.7 38.5

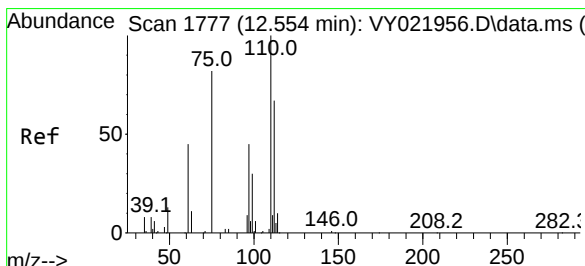
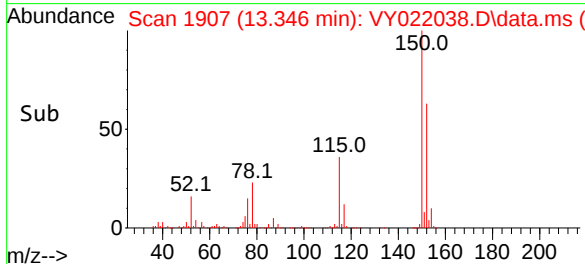
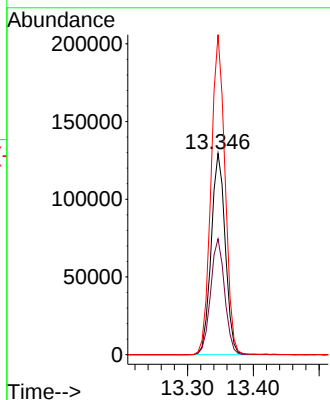
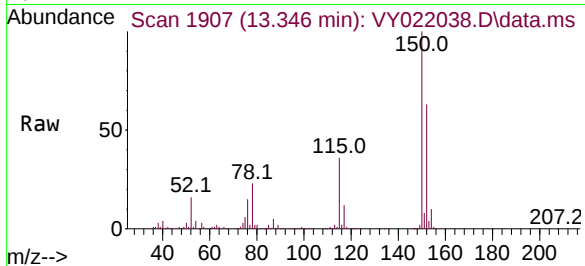




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022038.D
 Acq: 28 Apr 2025 17:49

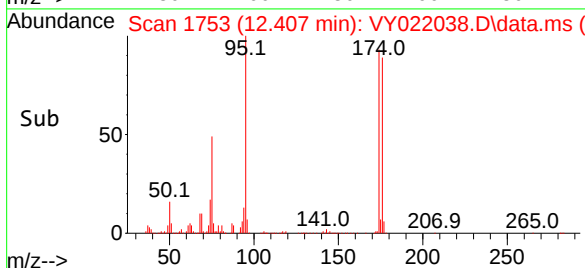
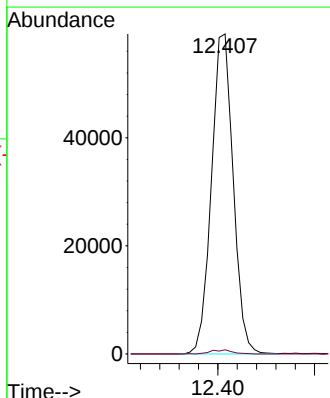
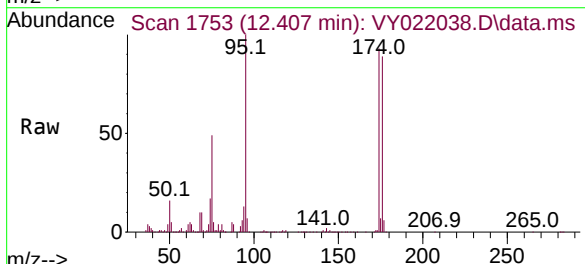
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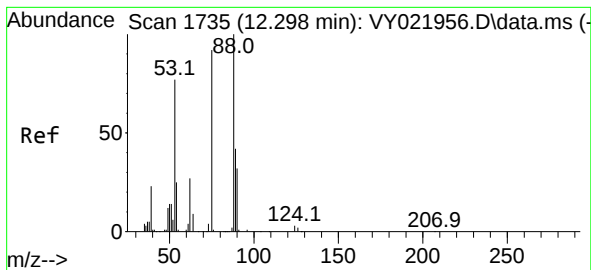
Tgt Ion:152 Resp: 193049
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.0 84.0
 150 158.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 55.902 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.147 min
 Lab File: VY022038.D
 Acq: 28 Apr 2025 17:49

Tgt Ion: 75 Resp: 92437
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.620 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022038.D
 Acq: 28 Apr 2025 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Tgt Ion: 75 Resp: 92437
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.0 99.0#
 89 0.1 37.2 55.8#

