

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022058.D
 Acq On : 29 Apr 2025 15:53
 Operator : SY/MD
 Sample : Q1906-11
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

Quant Time: Apr 30 01:34:41 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)

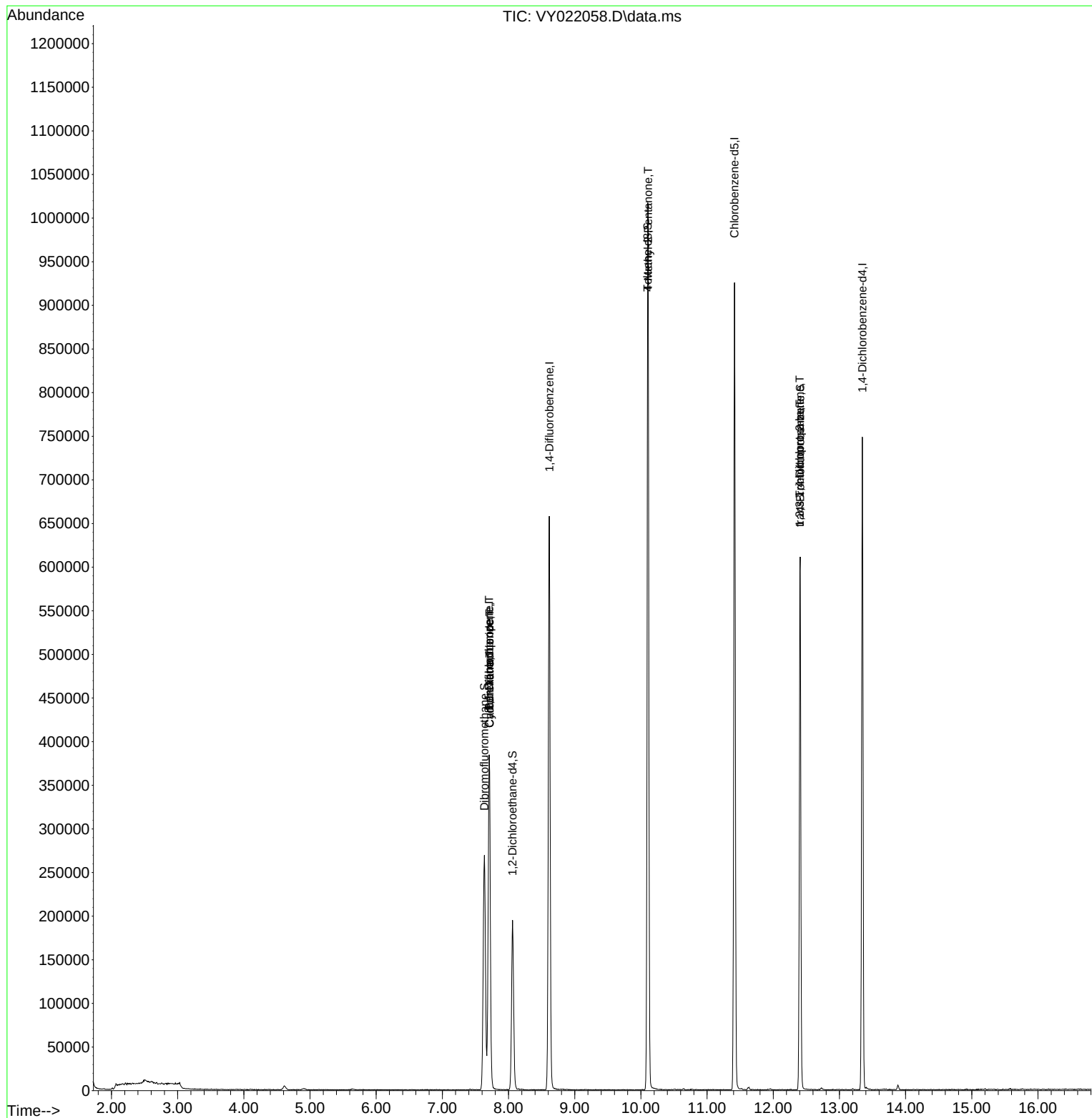
Internal Standards						
1) Pentafluorobenzene	7.707	168	299098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	191646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148128	53.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.634	113	194414	51.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.103	98	692276	48.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.408	95	189524	39.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	651	Below Cal		91
31) Cyclohexane	7.713	56	5810	1.272	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	21273	4.182	ug/l #	49
38) Carbon Tetrachloride	7.713	117	29318	4.824	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	2309	1.256	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	91044	55.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	91044	133.562	ug/l #	16

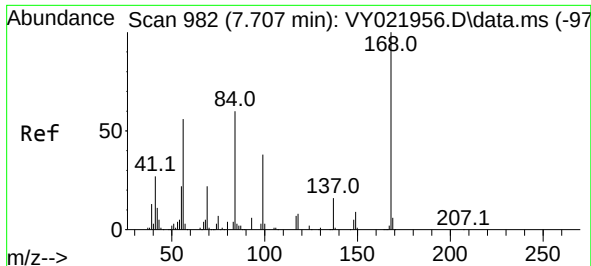
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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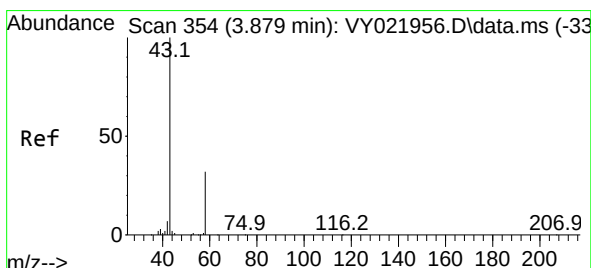
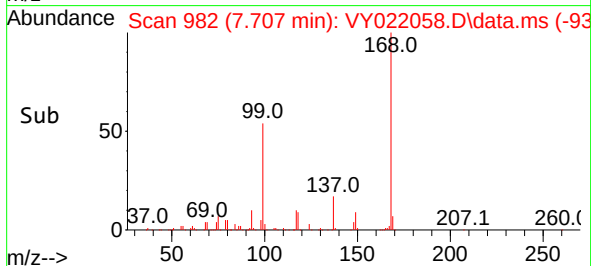
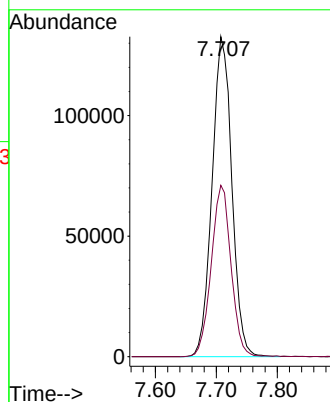
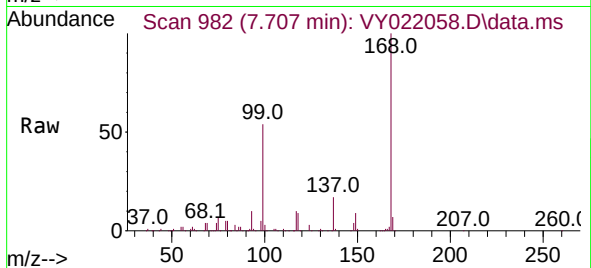




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

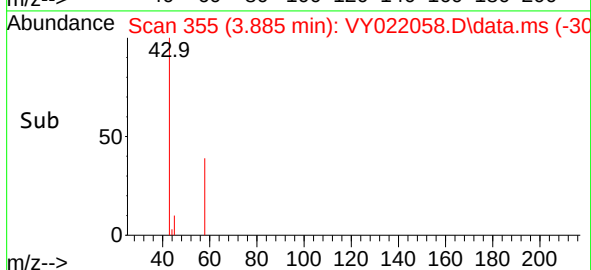
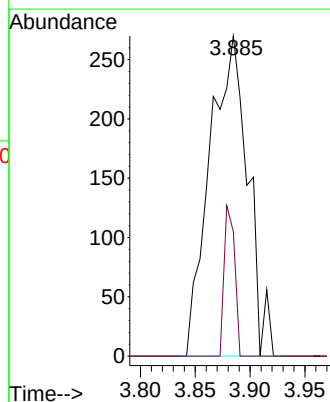
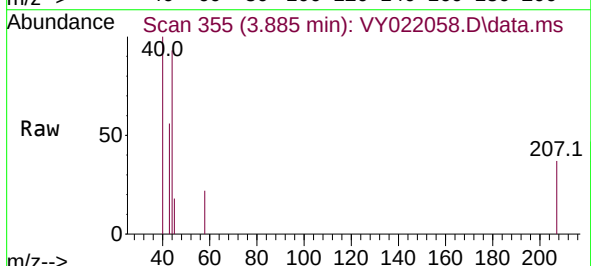
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

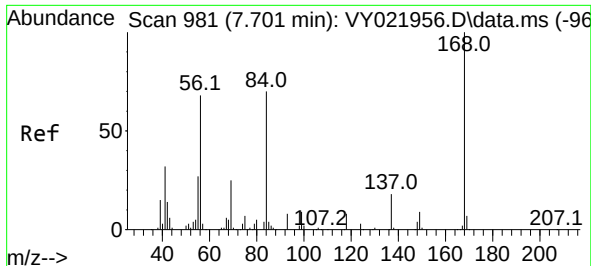
Tgt Ion:168 Resp: 299098
Ion Ratio Lower Upper
168 100
99 53.5 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 38.9 27.0 40.4

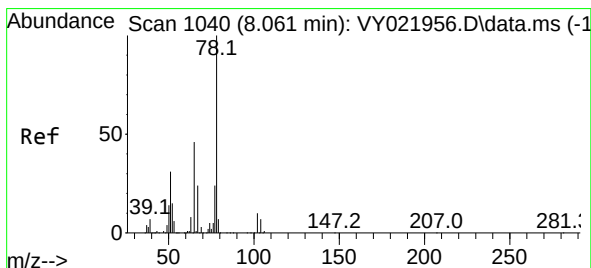
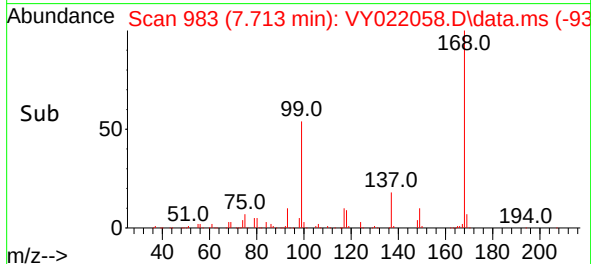
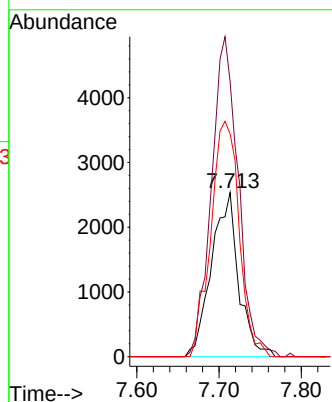
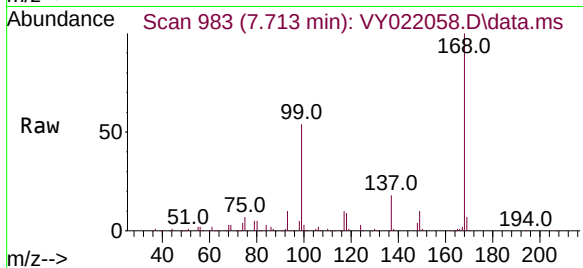




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

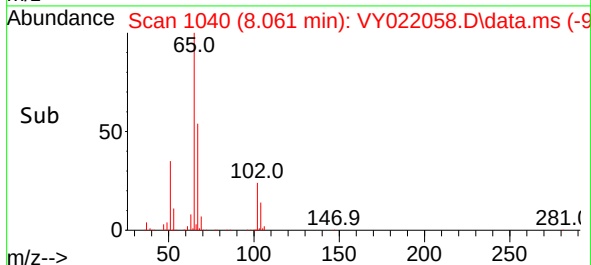
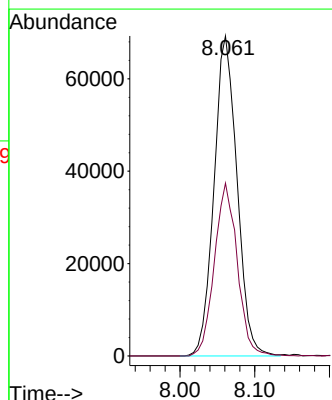
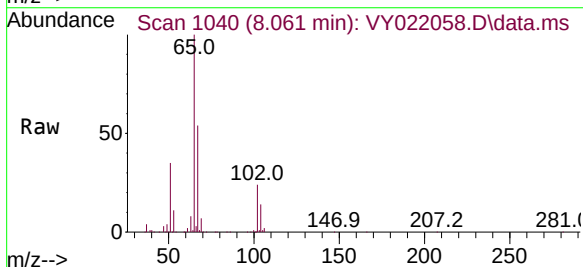
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

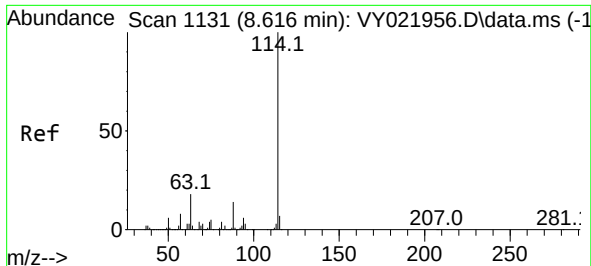
Tgt Ion: 56 Resp: 5810
Ion Ratio Lower Upper
56 100
69 167.5 29.4 44.2#
84 135.7 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 53.617 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

Tgt Ion: 65 Resp: 148128
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022058.D

Acq: 29 Apr 2025 15:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-6-VOC

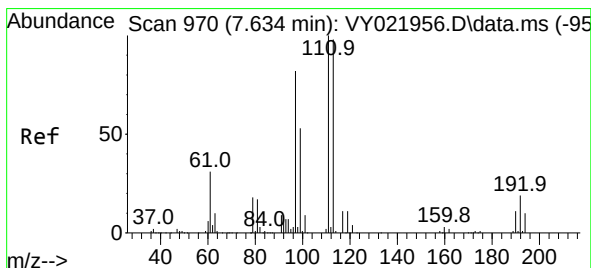
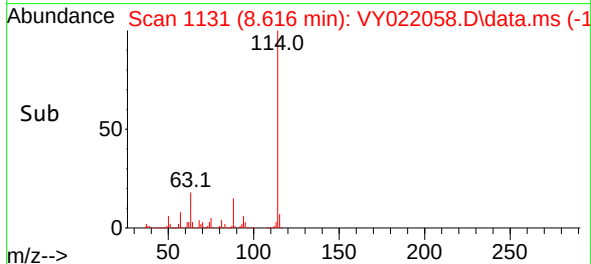
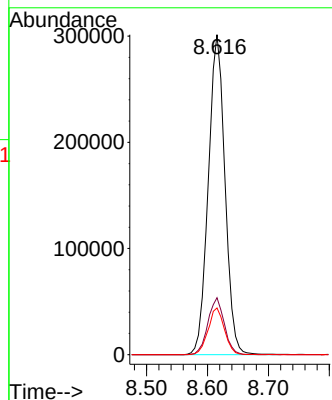
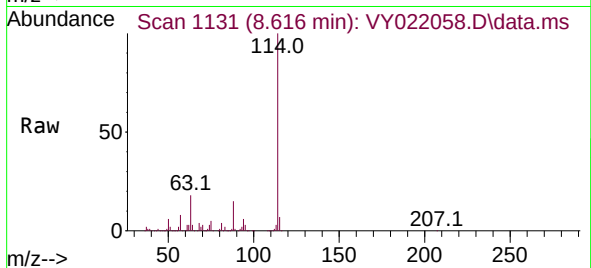
Tgt Ion:114 Resp: 573151

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022058.D

Acq: 29 Apr 2025 15:53

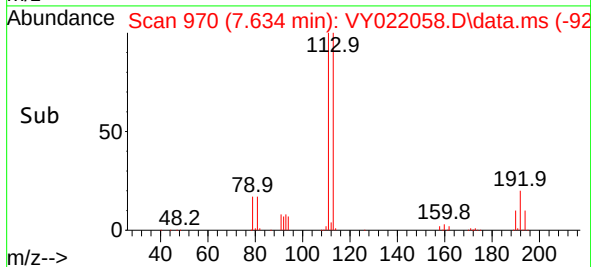
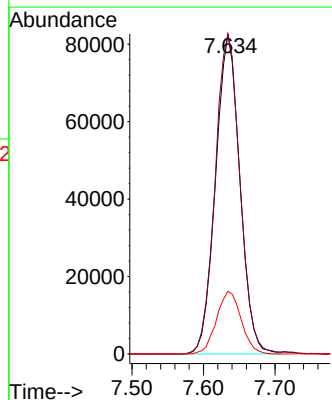
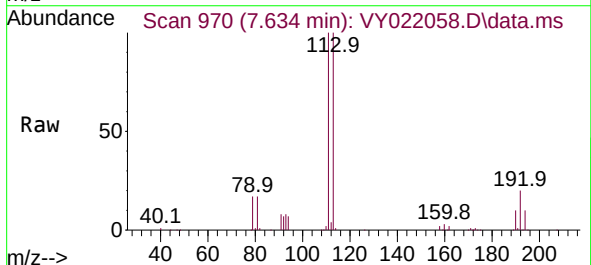
Tgt Ion:113 Resp: 194414

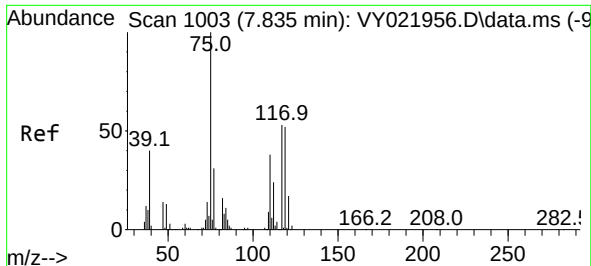
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 19.9 15.6 23.4

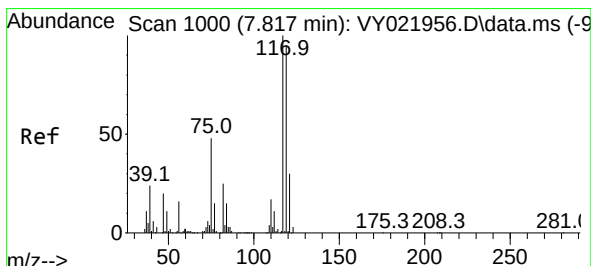
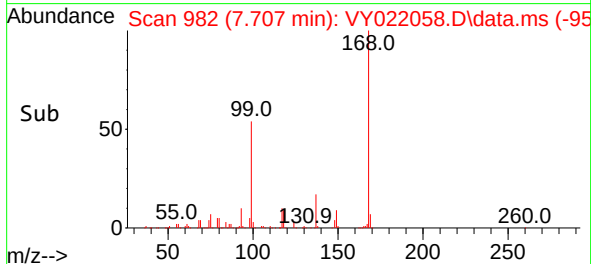
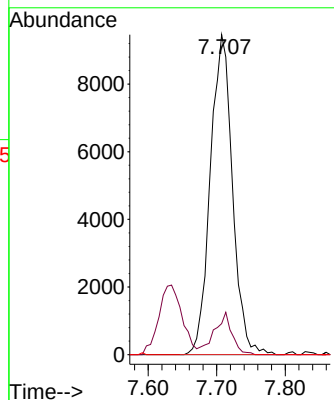
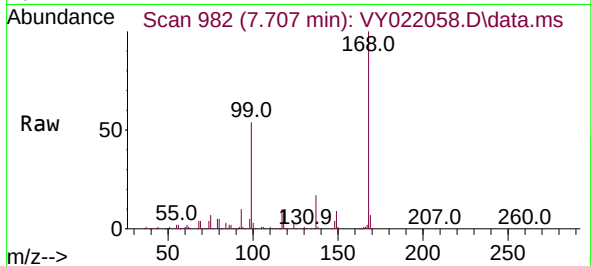




#36
 1,1-Dichloropropene
 Concen: 4.182 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY022058.D
 Acq: 29 Apr 2025 15:53

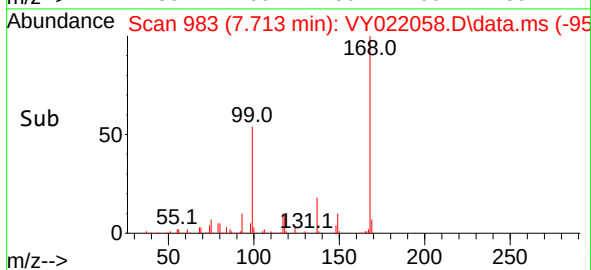
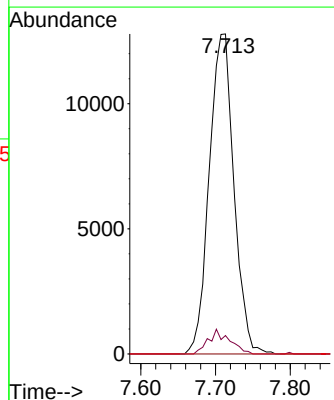
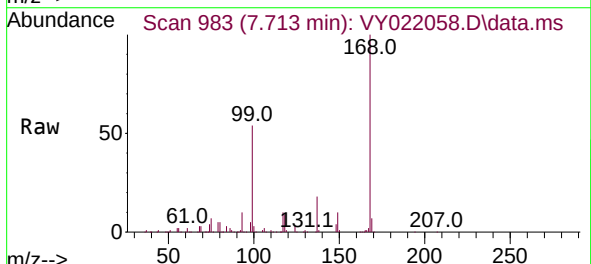
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

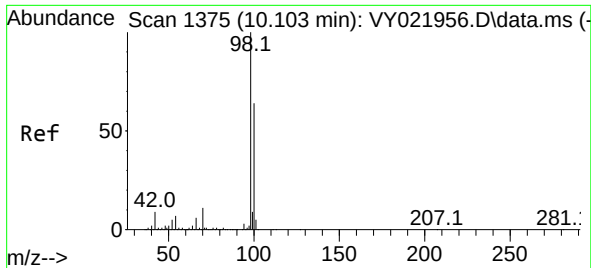
Tgt Ion: 75 Resp: 21273
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.1 57.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.824 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.104 min
 Lab File: VY022058.D
 Acq: 29 Apr 2025 15:53

Tgt Ion: 117 Resp: 29318
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.4#
 121 0.0 24.0 36.0#

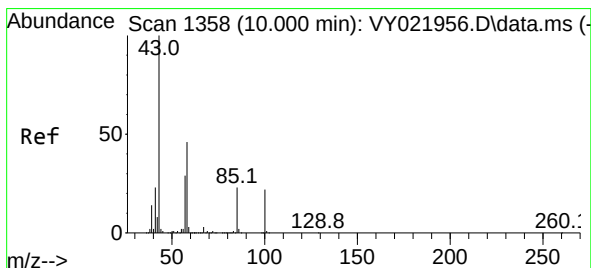
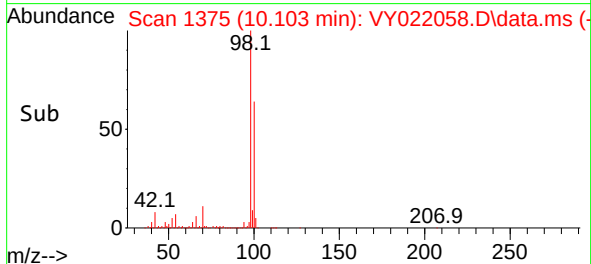
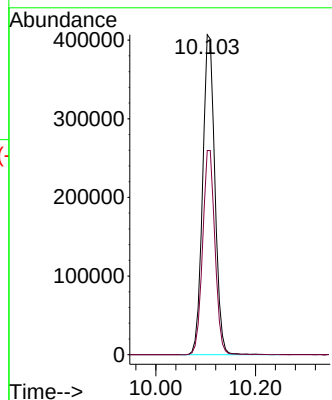
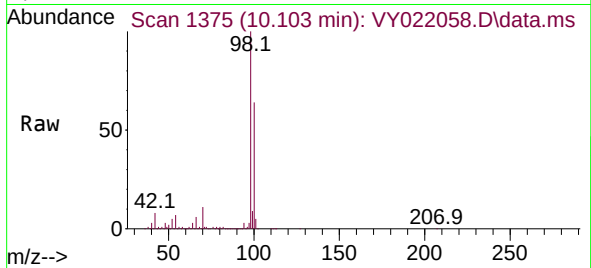




#50
Toluene-d8
Concen: 48.495 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

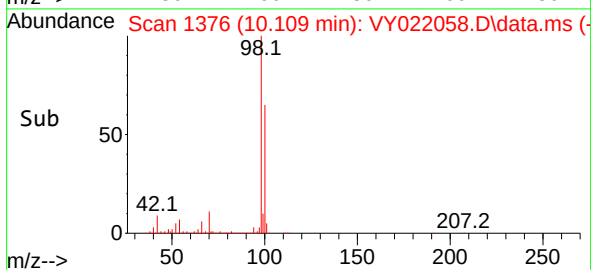
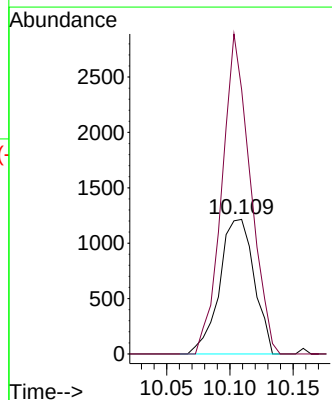
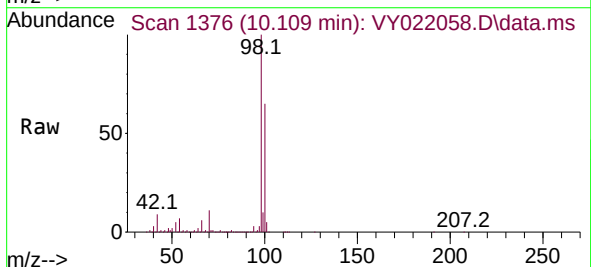
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

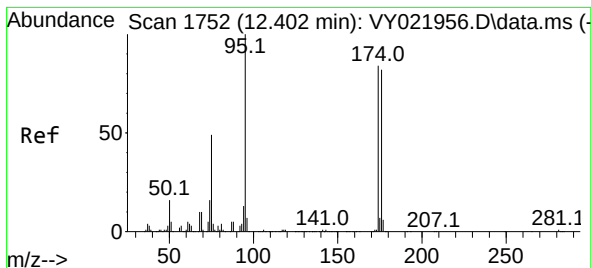
Tgt Ion: 98 Resp: 692276
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.256 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
58 195.1 36.6 55.0#

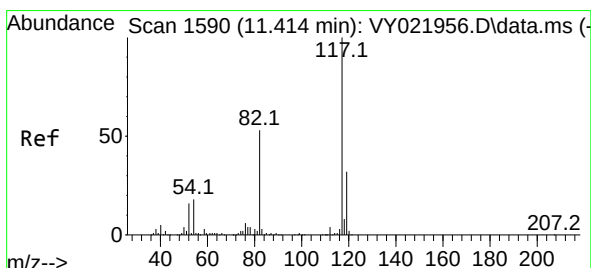
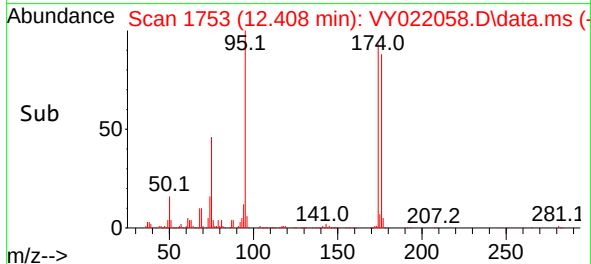
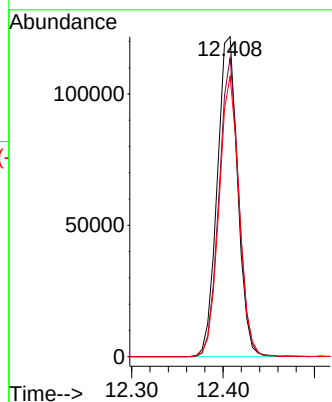
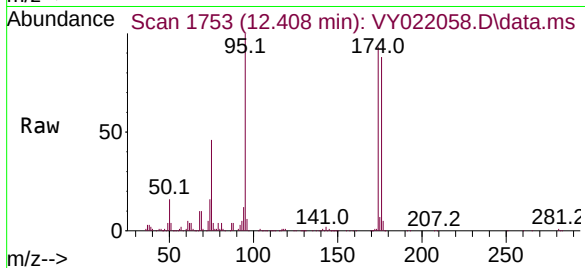




#62
4-Bromofluorobenzene
Concen: 39.438 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

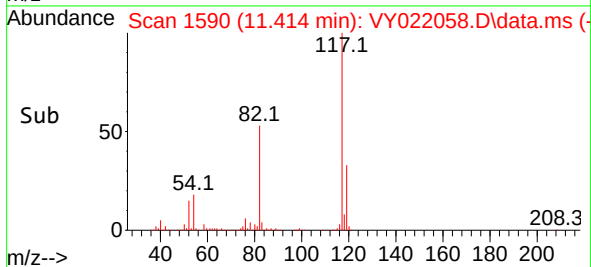
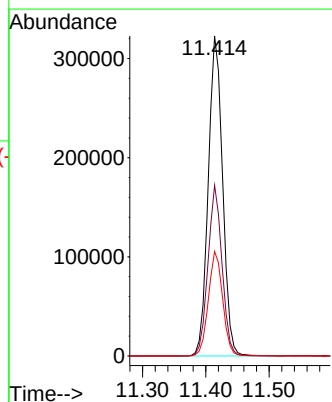
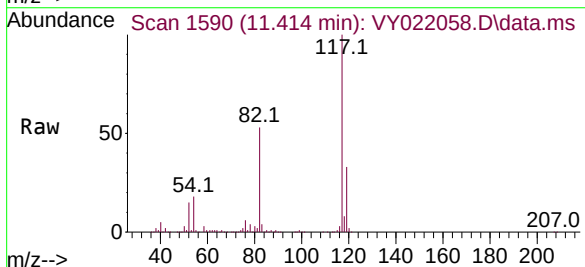
Instrument :
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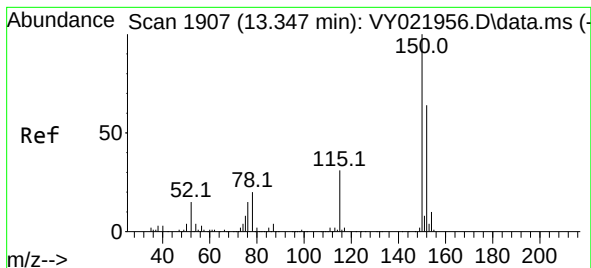
Tgt Ion: 95 Resp: 189524
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.0
176 86.1 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

Tgt Ion: 117 Resp: 510156
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
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: VY022058.D

Acq: 29 Apr 2025 15:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-6-VOC

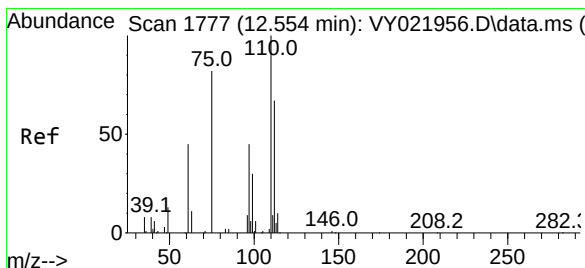
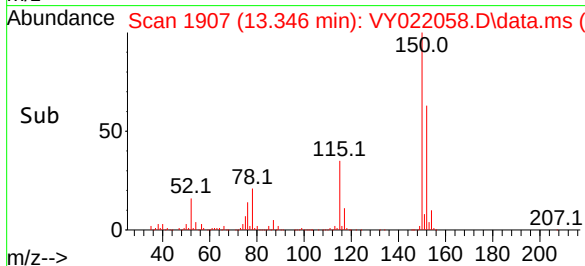
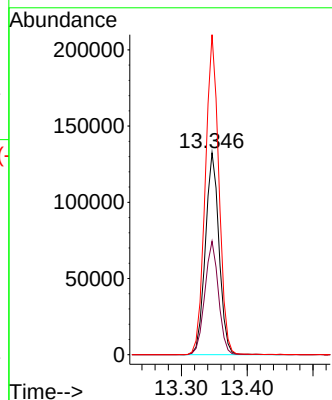
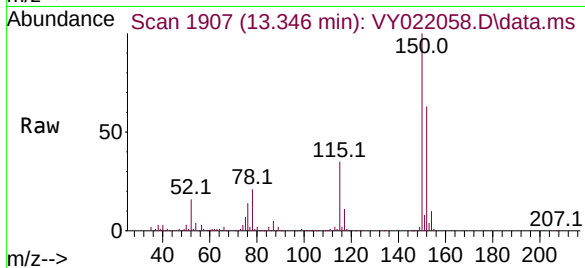
Tgt Ion:152 Resp: 191646

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 157.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.462 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY022058.D

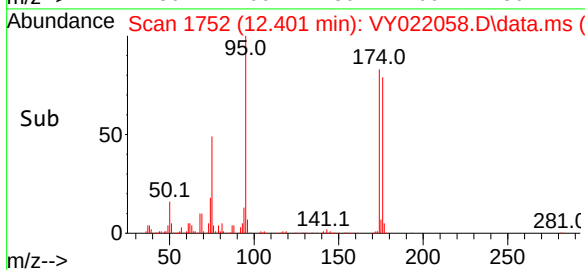
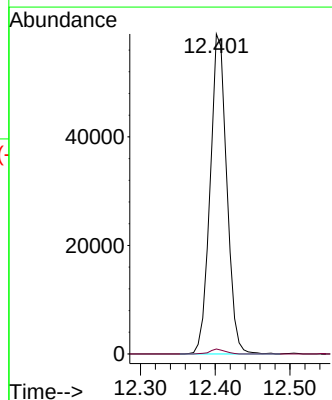
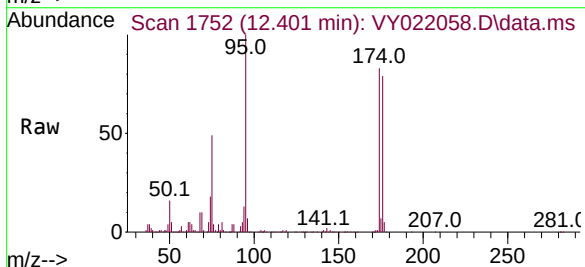
Acq: 29 Apr 2025 15:53

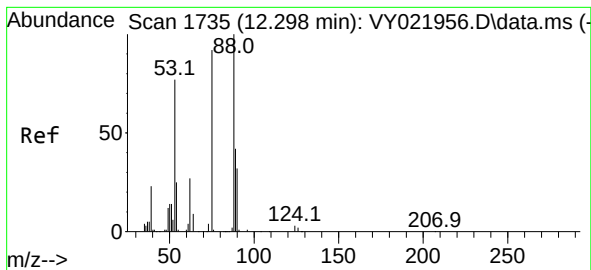
Tgt Ion: 75 Resp: 91044

Ion Ratio Lower Upper

75 100

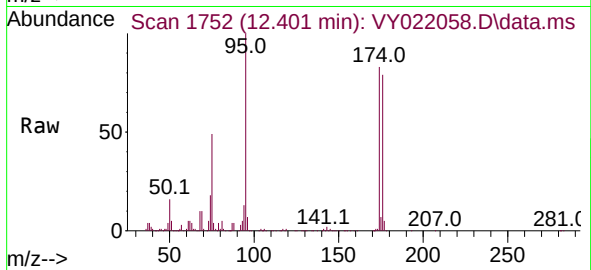
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.562 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY022058.D
Acq: 29 Apr 2025 15:53

Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.0	99.0#
89	0.0	37.2	55.8#

