

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022434.D
 Acq On : 27 May 2025 15:14
 Operator : SY/MD
 Sample : Q2128-03
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP03-MHM-VOC

Quant Time: May 28 15:27:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

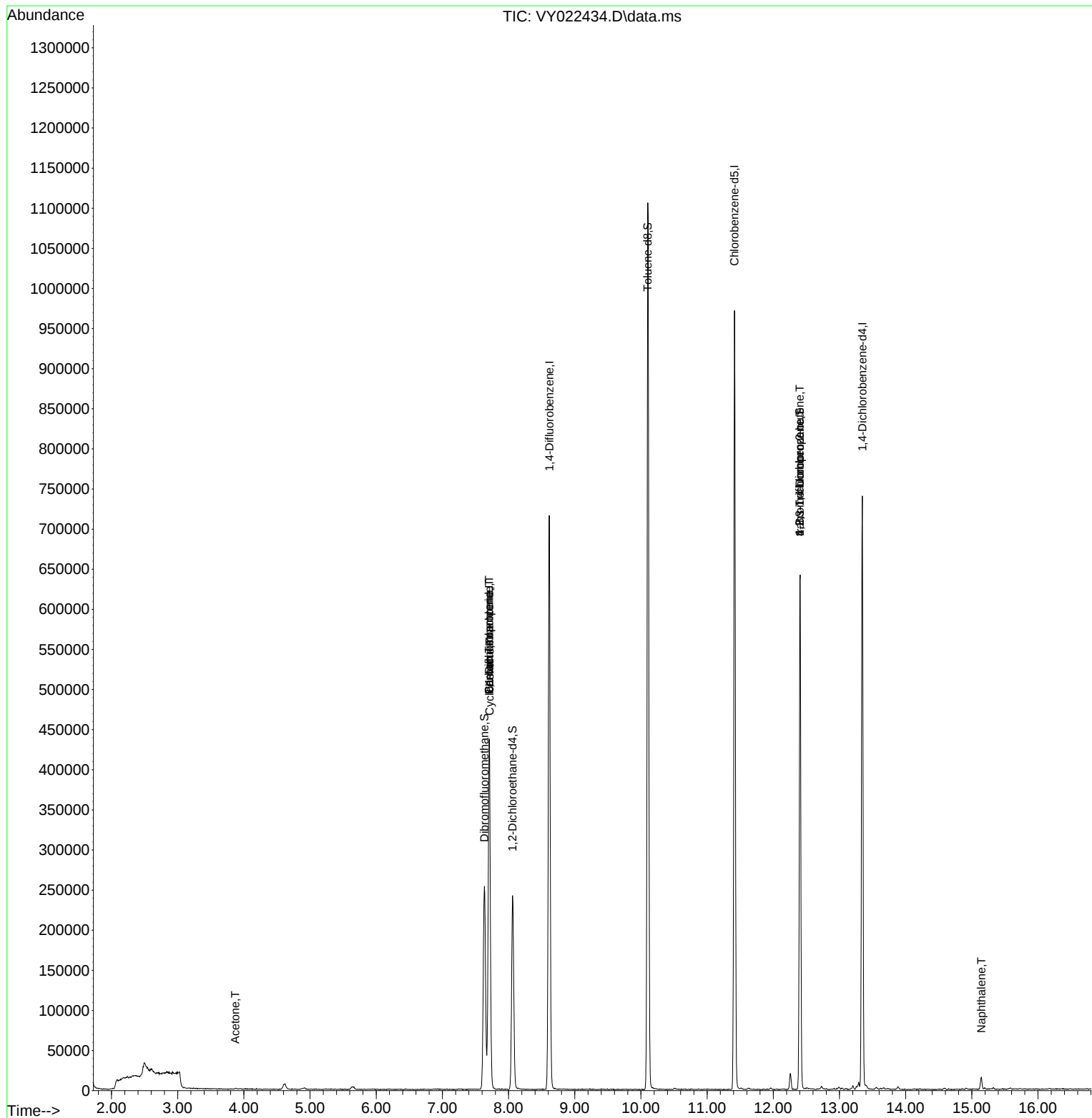
Internal Standards						
1) Pentafluorobenzene	7.707	168	327503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	590634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	475345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	182344	52.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.634	113	177027	51.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.103	98	703757	49.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.401	95	181070	42.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	1612	2.844	ug/l #	86
31) Cyclohexane	7.713	56	8051	1.213	ug/l #	20
36) 1,1-Dichloropropene	7.707	75	27548	5.019	ug/l #	50
38) Carbon Tetrachloride	7.707	117	32422	5.670	ug/l #	15
76) 1,2,3-Trichloropropane	12.401	75	105946	60.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	105946	136.512	ug/l #	12
95) Naphthalene	15.145	128	11673	2.284	ug/l	98

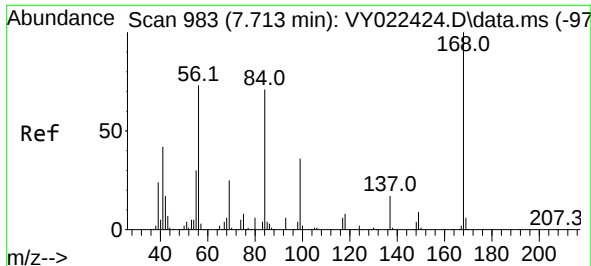
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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TP03-MHM-VOC

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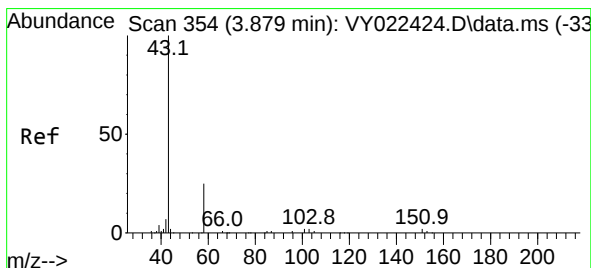
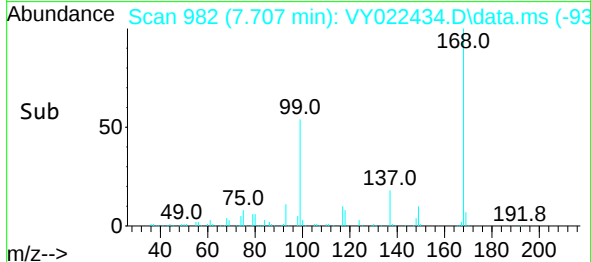
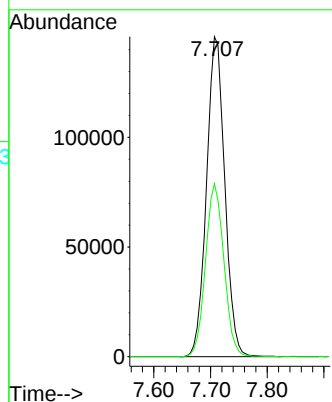
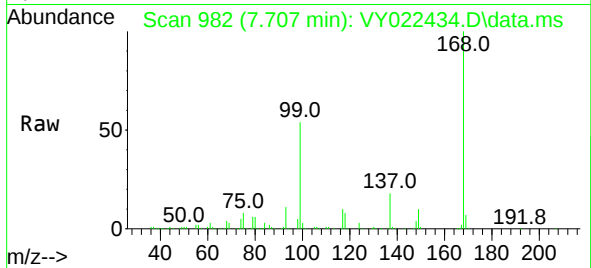




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

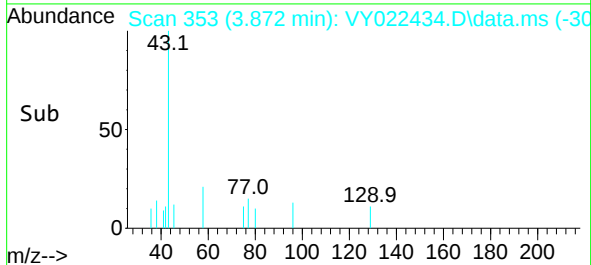
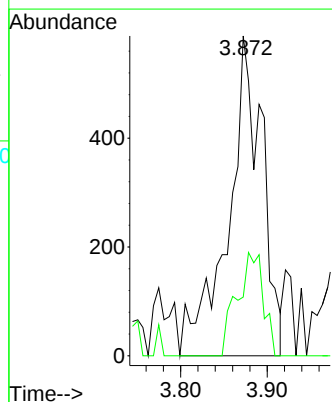
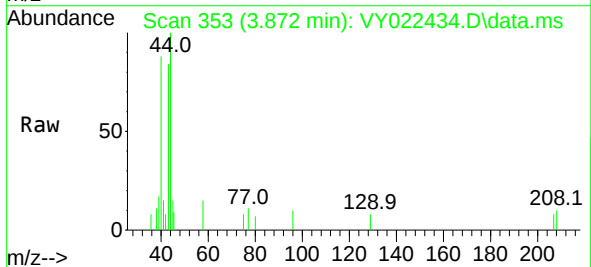
Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC

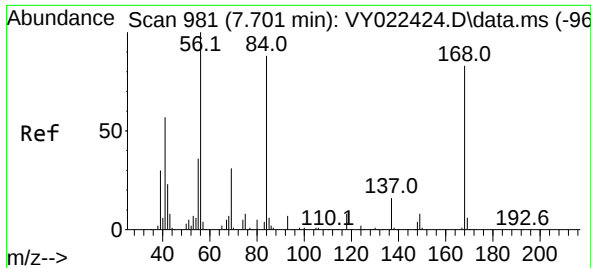
Tgt Ion:168 Resp: 327503
Ion Ratio Lower Upper
168 100
99 54.1 44.7 67.1



#16
Acetone
Concen: 2.844 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
58 18.4 20.6 30.8#

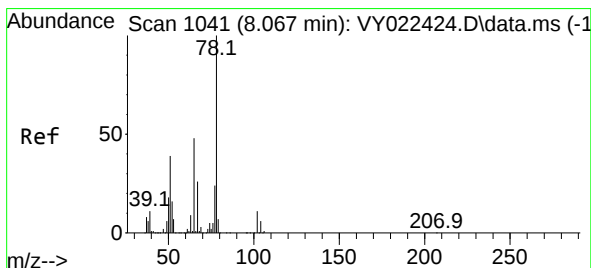
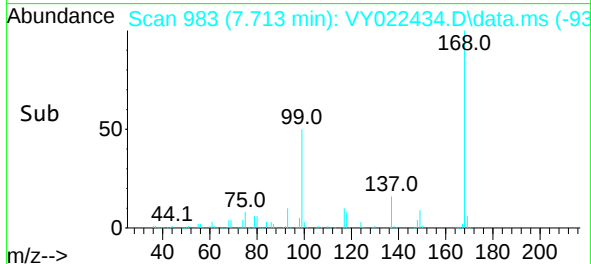
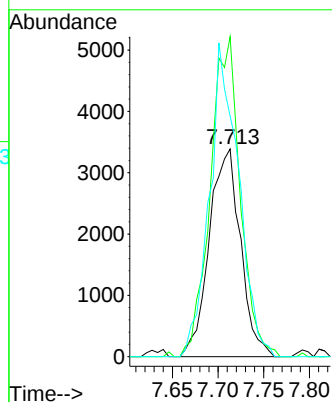
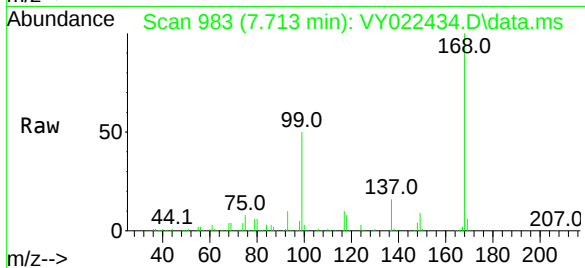




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

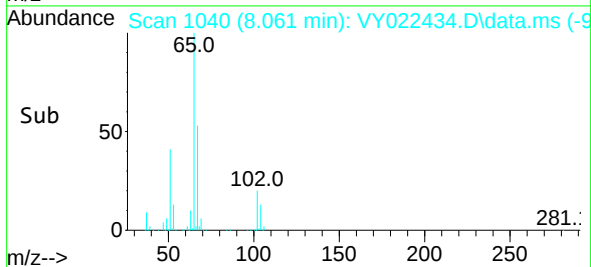
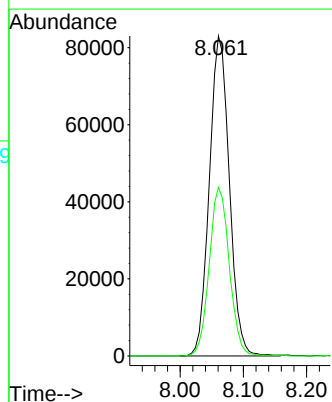
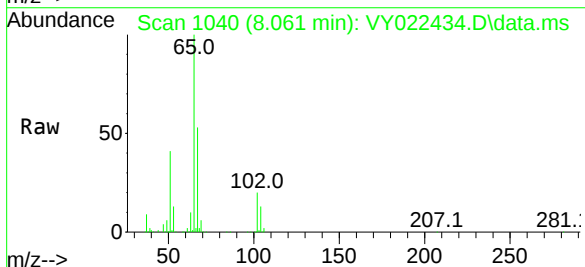
Instrument :
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ClientSampleId :
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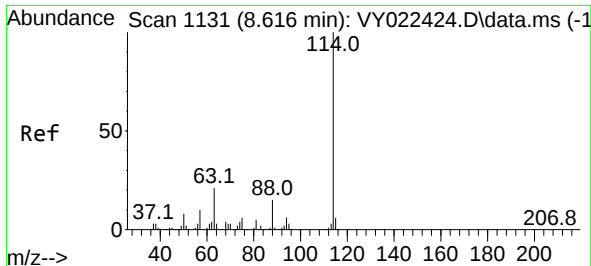
Tgt Ion: 56 Resp: 8051
Ion Ratio Lower Upper
56 100
69 154.0 24.6 36.8#
84 115.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 52.859 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion: 65 Resp: 182344
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.4

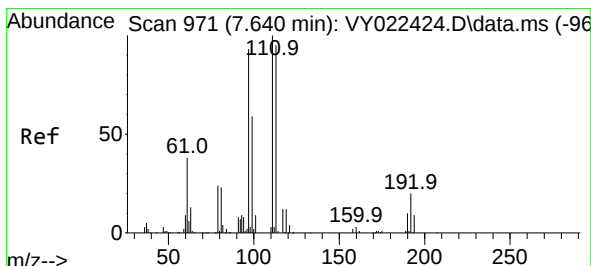
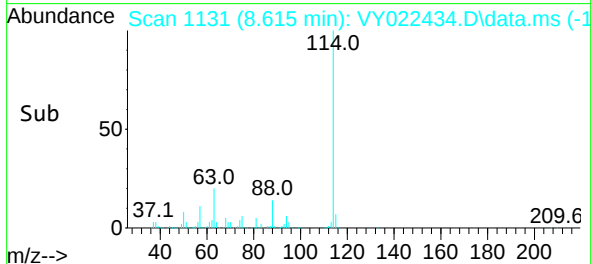
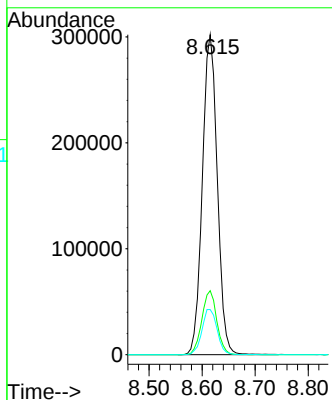
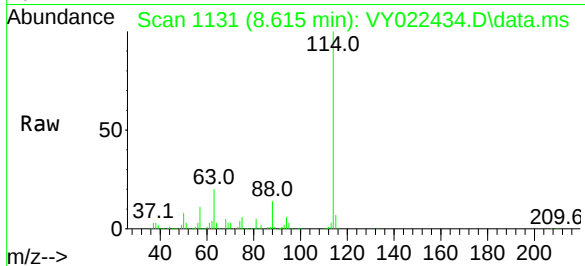




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

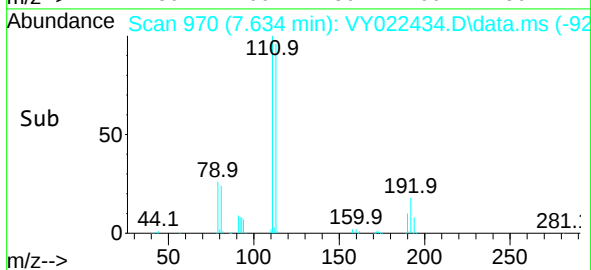
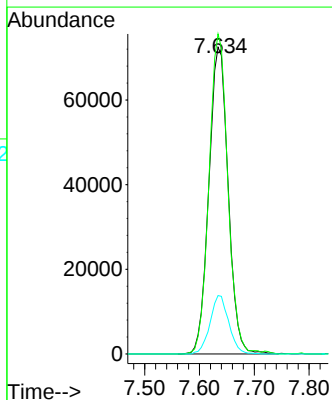
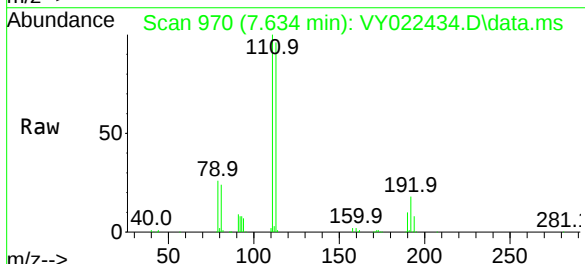
Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC

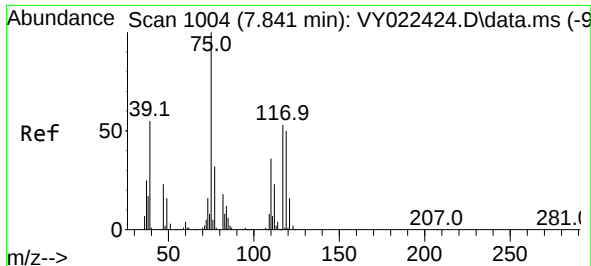
Tgt Ion:114 Resp: 590634
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 14.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.180 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion:113 Resp: 177027
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.5 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.019 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

TP03-MHM-VOC

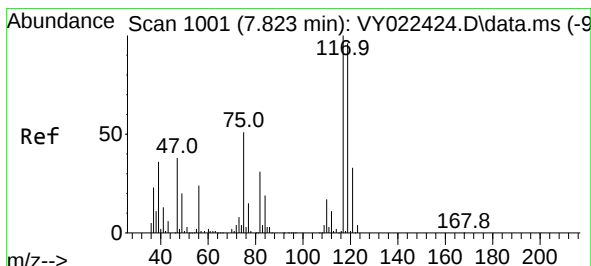
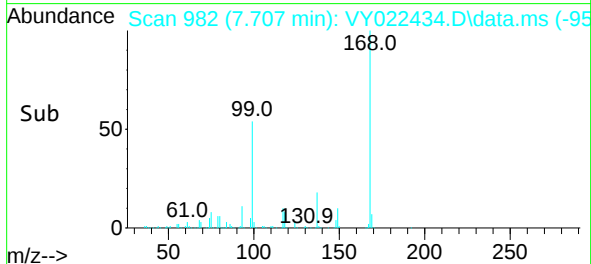
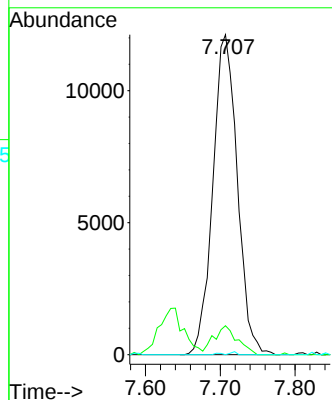
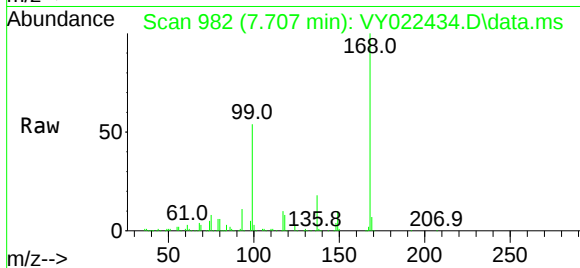
Tgt Ion: 75 Resp: 27548

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.2 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.670 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

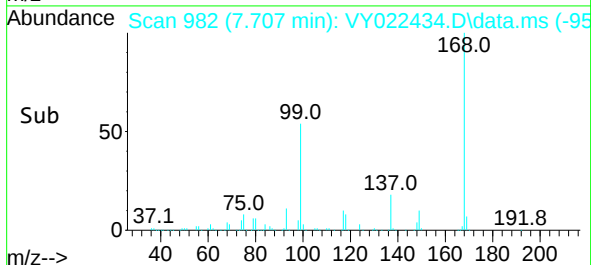
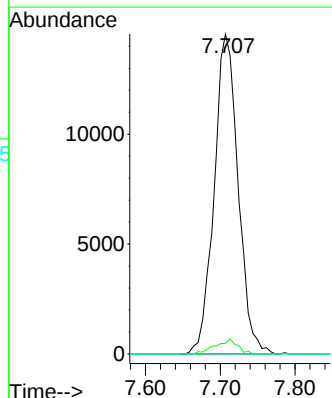
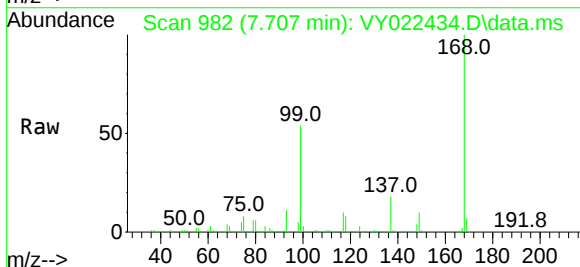
Tgt Ion: 117 Resp: 32422

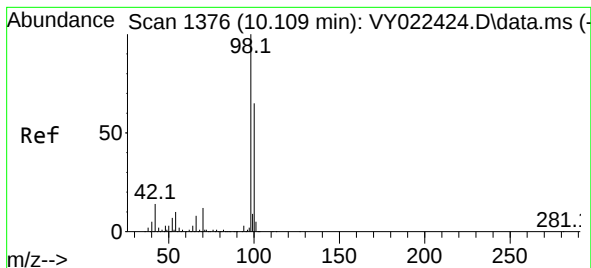
Ion Ratio Lower Upper

117 100

119 3.3 76.3 114.5#

121 0.0 26.1 39.1#

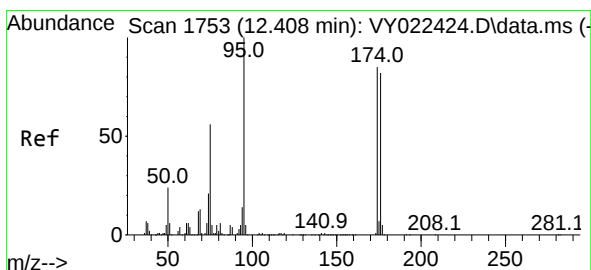
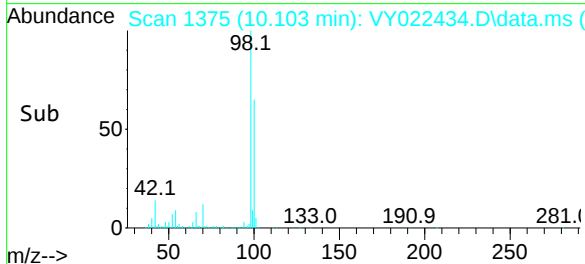
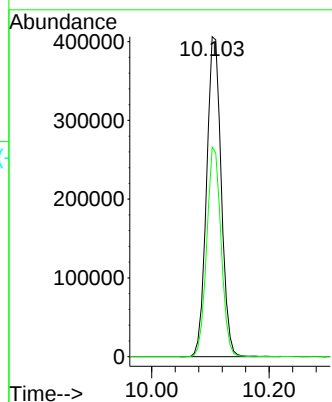
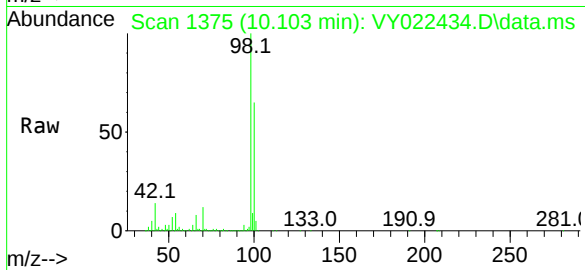




#50
Toluene-d8
Concen: 49.910 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

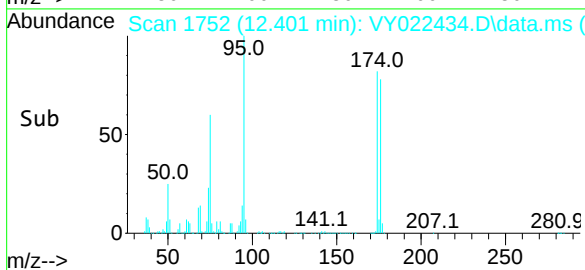
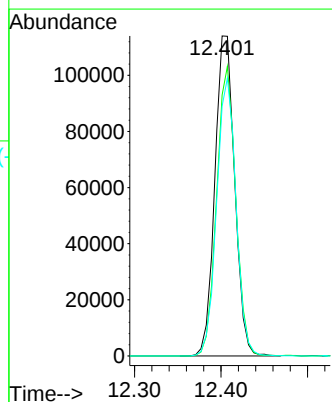
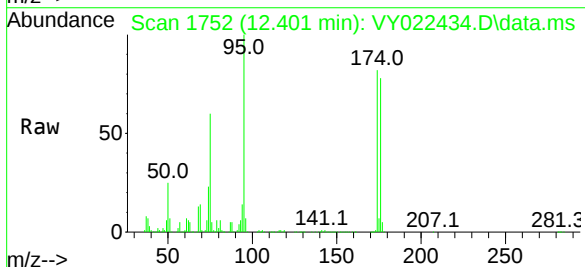
Instrument :
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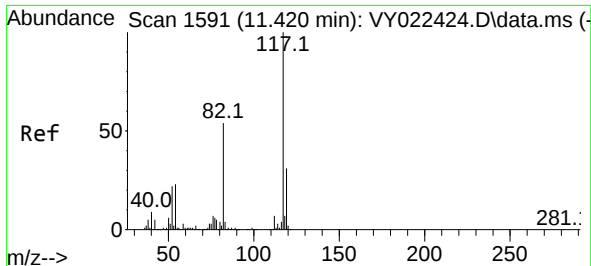
Tgt Ion: 98 Resp: 703757
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Tgt Ion: 95 Resp: 181070
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 84.6 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

Instrument :

MSVOA_Y

ClientSampleId :

TP03-MHM-VOC

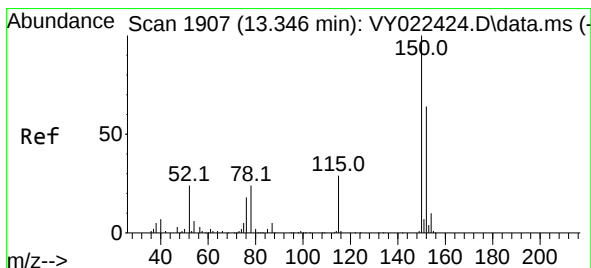
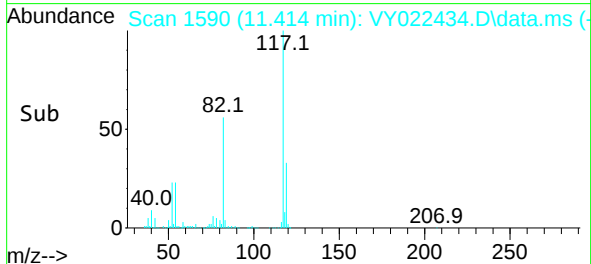
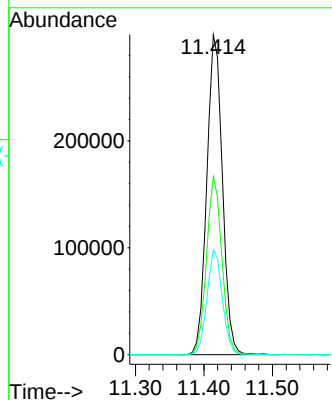
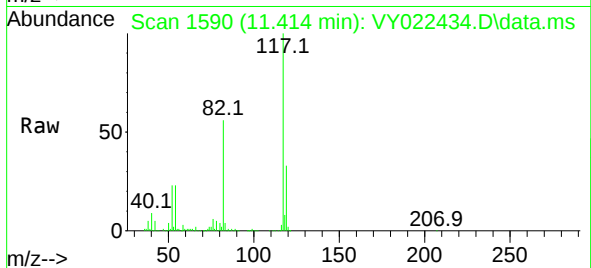
Tgt Ion:117 Resp: 475345

Ion Ratio Lower Upper

117 100

82 55.7 43.3 64.9

119 32.7 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022434.D

Acq: 27 May 2025 15:14

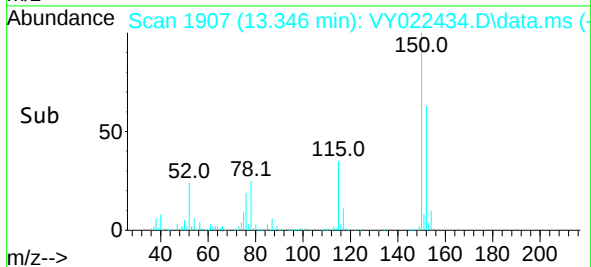
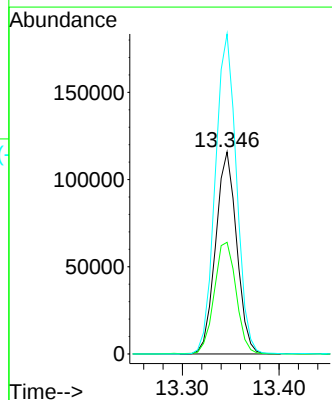
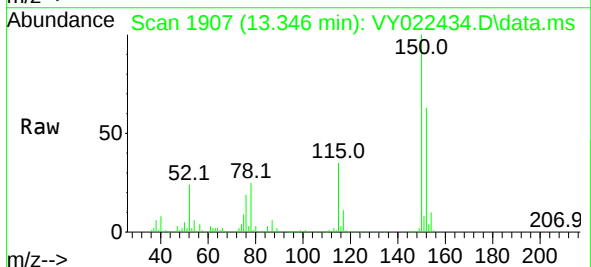
Tgt Ion:152 Resp: 175219

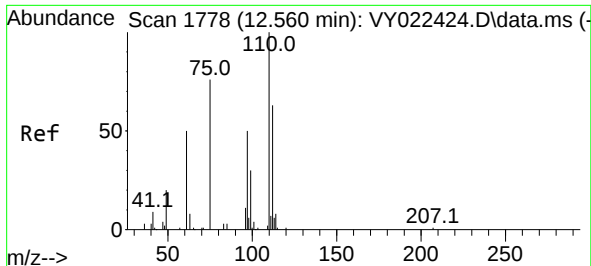
Ion Ratio Lower Upper

152 100

115 57.6 28.4 85.3

150 159.1 0.0 345.8

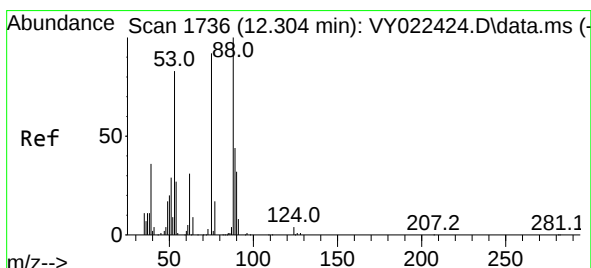
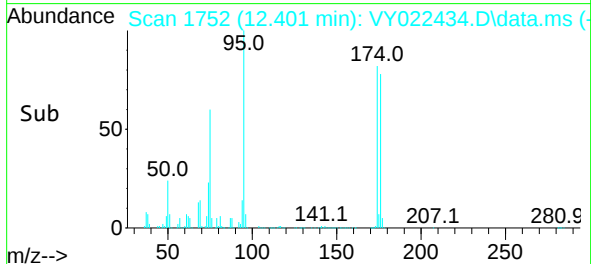
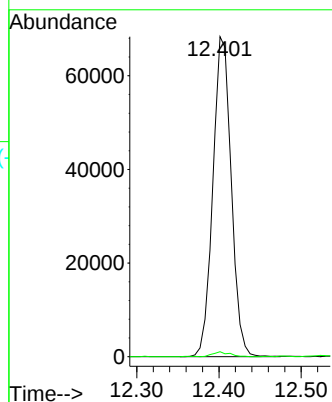
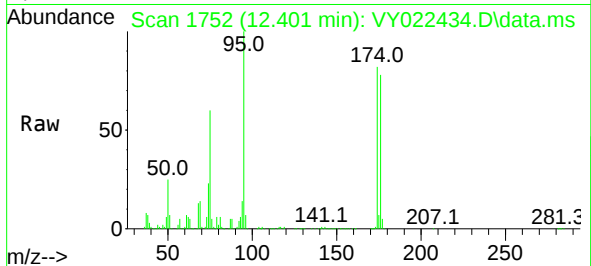




#76
1,2,3-Trichloropropane
Concen: 60.364 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

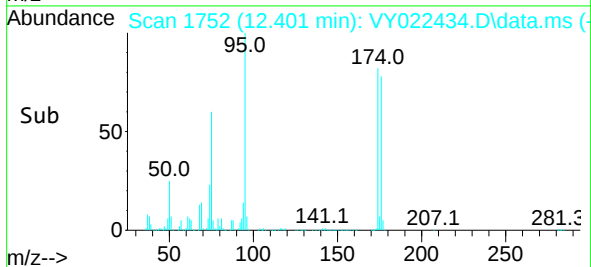
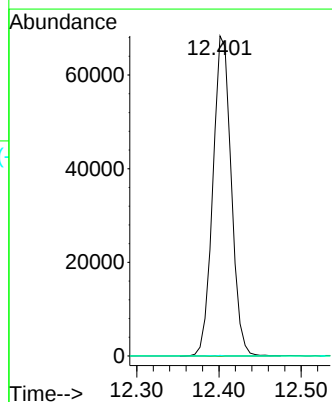
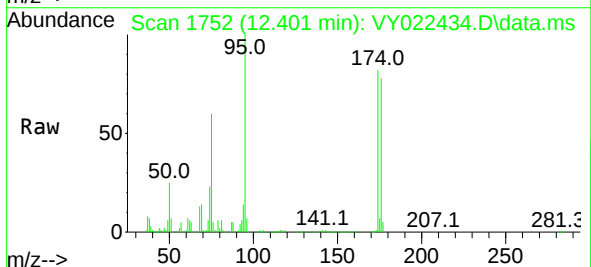
Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC

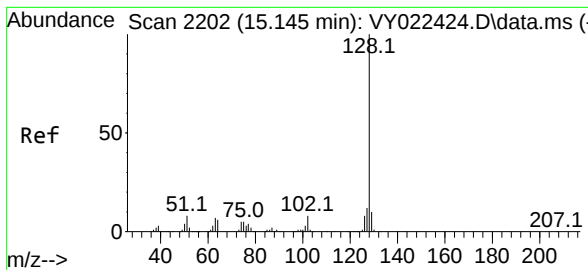
Tgt Ion: 75 Resp: 105946
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.512 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

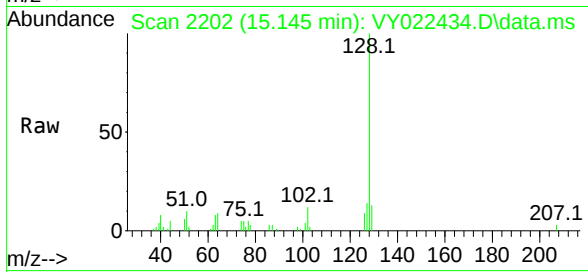
Tgt Ion: 75 Resp: 105946
Ion Ratio Lower Upper
75 100
53 0.0 75.1 112.7#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 2.284 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022434.D
Acq: 27 May 2025 15:14

Instrument :
MSVOA_Y
ClientSampleId :
TP03-MHM-VOC



Tgt Ion:	128	Resp:	11673
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	10.8	8.5	12.7

