

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022827.D
 Acq On : 25 Jun 2025 16:05
 Operator : SY/MD
 Sample : Q2414-03
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

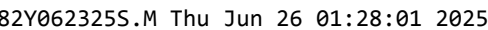
Quant Time: Jun 26 01:27:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

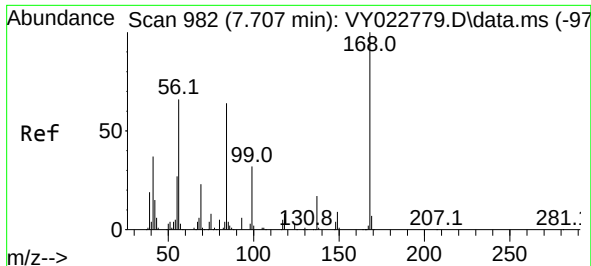
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	368150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	661659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	616108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	275801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191532	46.614	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.220%
35) Dibromofluoromethane	7.628	113	196484	48.829	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.103	98	797958	49.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.401	95	267549	52.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.240%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.604	84	89941	18.338	ug/l	94
31) Cyclohexane	7.701	56	8851	1.254	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	30442	4.991	ug/l #	50
38) Carbon Tetrachloride	7.701	117	37039	5.755	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.713	63	27	15.666	ug/l #	48
76) 1,2,3-Trichloropropane	12.401	75	153403	54.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	153403	137.641	ug/l #	10

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

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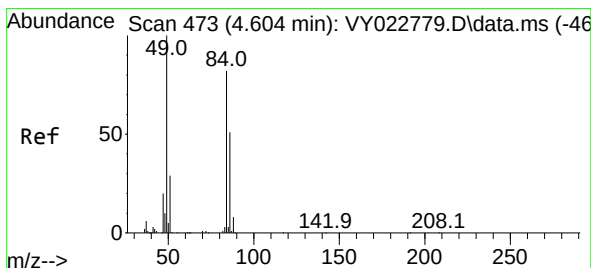
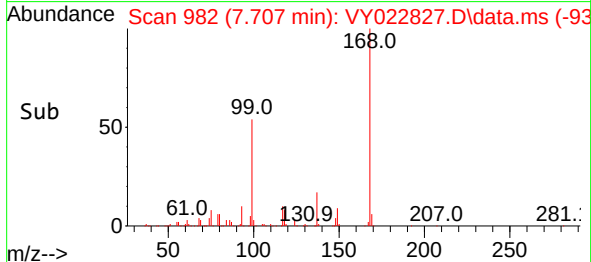
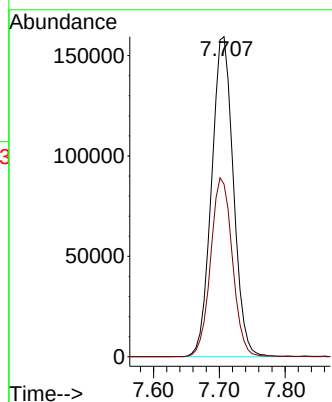
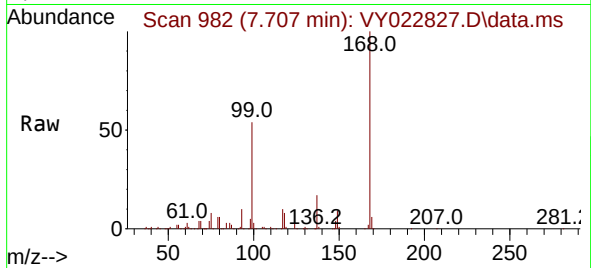




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

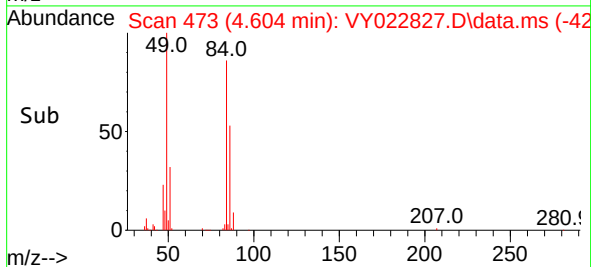
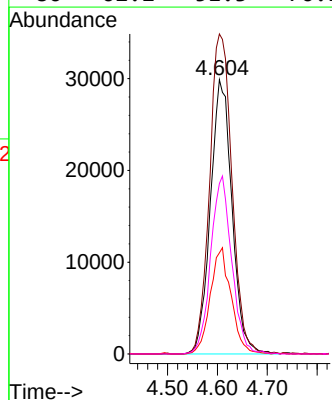
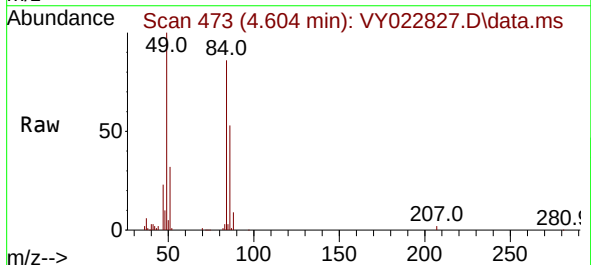
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

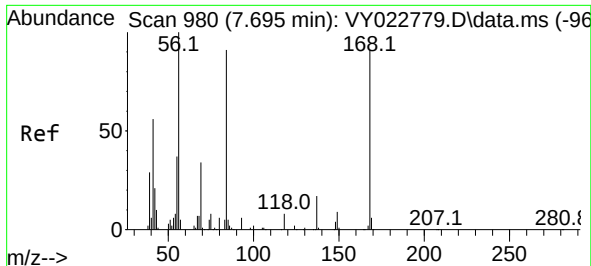
Tgt Ion:168 Resp: 368150
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#20
Methylene Chloride
Concen: 18.338 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

Tgt Ion: 84 Resp: 89941
Ion Ratio Lower Upper
84 100
49 116.7 101.9 152.9
51 36.9 29.8 44.8
86 62.2 51.3 76.9

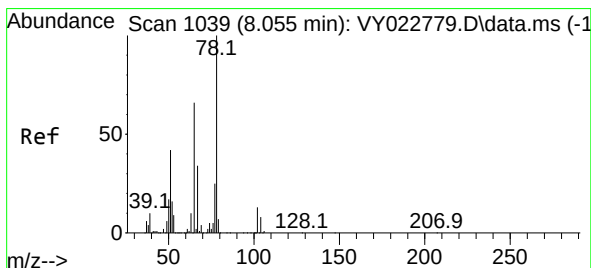
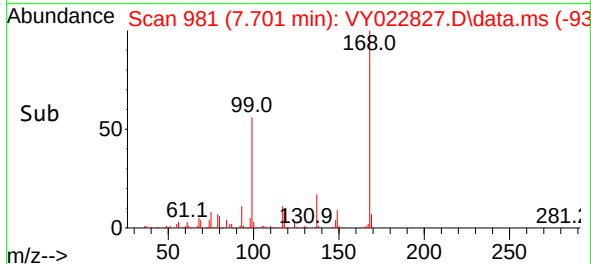
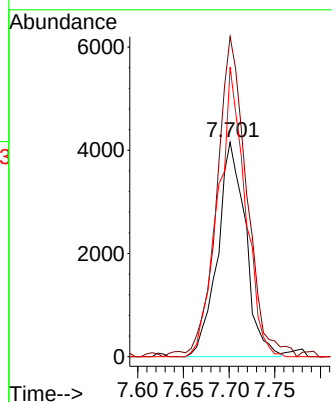
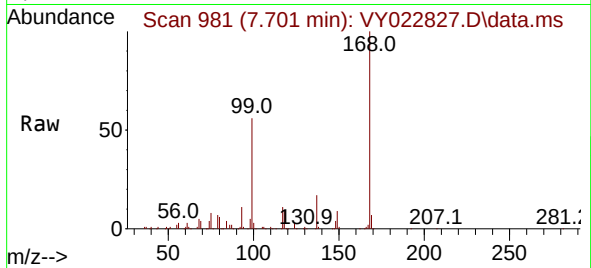




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

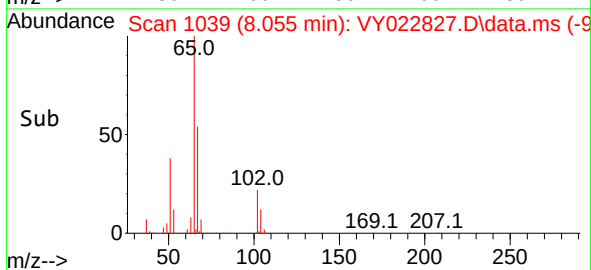
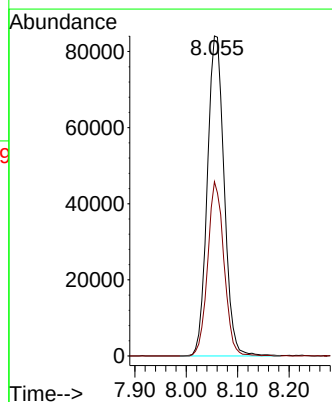
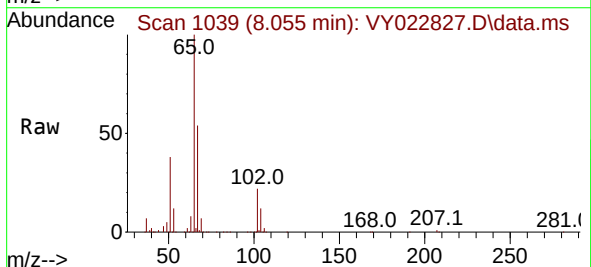
Instrument :
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WC-1-VOC

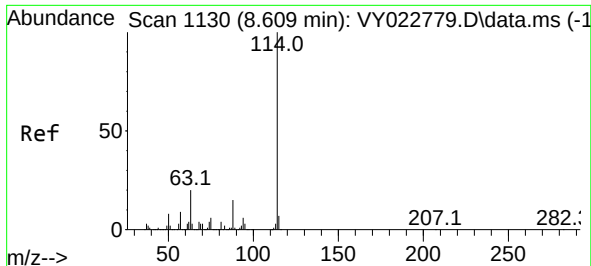
Tgt Ion: 56 Resp: 8851
Ion Ratio Lower Upper
56 100
69 146.8 27.0 40.6#
84 135.0 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 46.614 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

Tgt Ion: 65 Resp: 191532
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

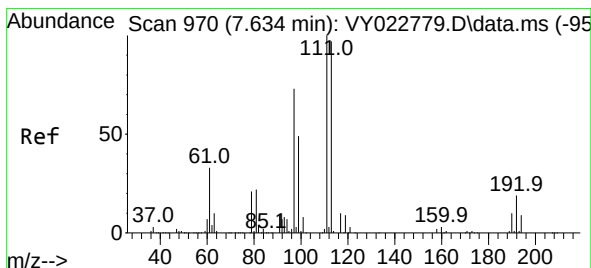
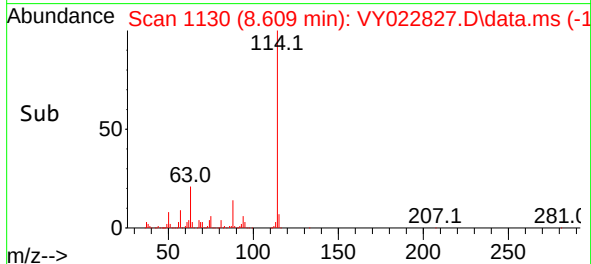
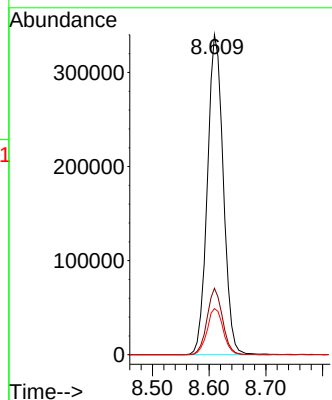
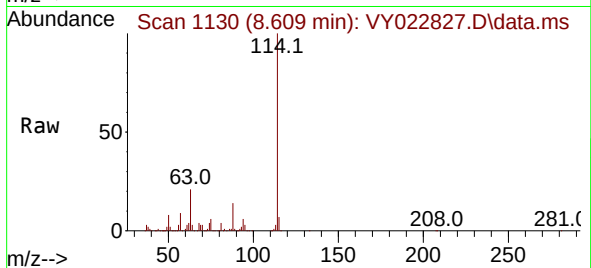




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

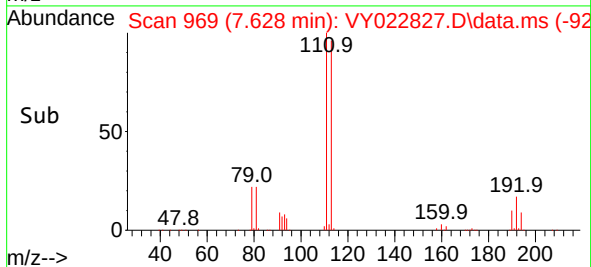
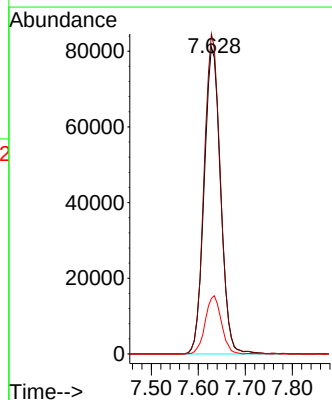
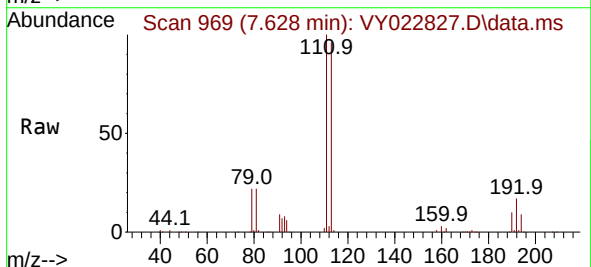
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

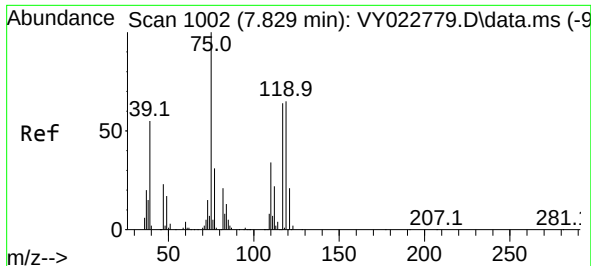
Tgt Ion:114 Resp: 661659
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 14.4 0.0 27.8



#35
Dibromofluoromethane
Concen: 48.829 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

Tgt Ion:113 Resp: 196484
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 18.6 14.2 21.2

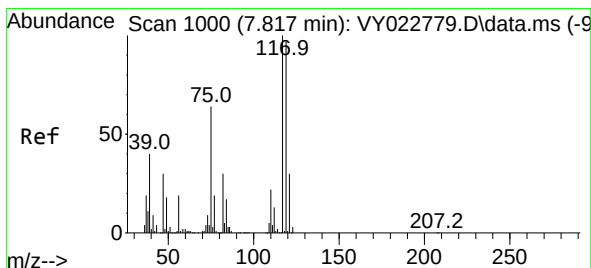
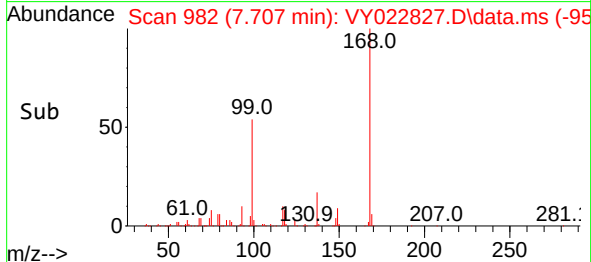
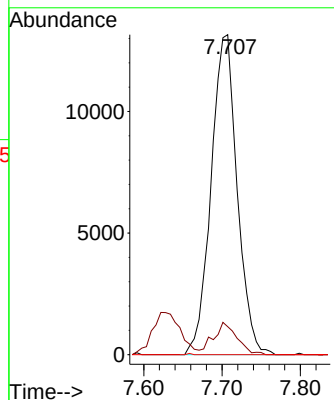
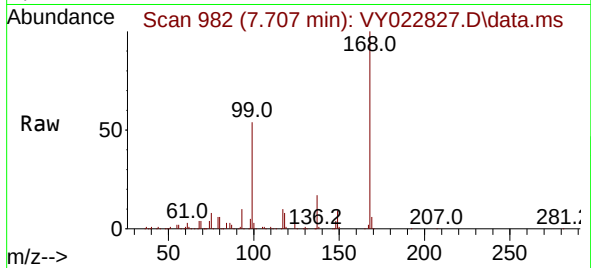




#36
 1,1-Dichloropropene
 Concen: 4.991 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY022827.D
 Acq: 25 Jun 2025 16:05

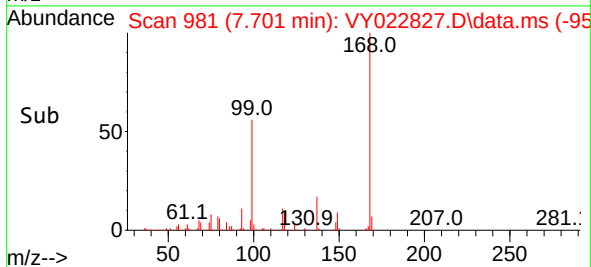
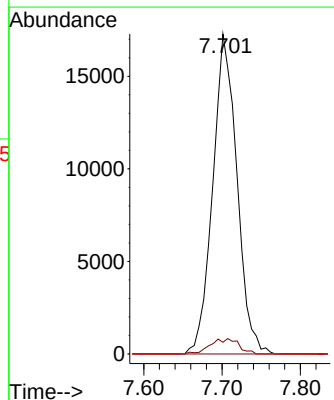
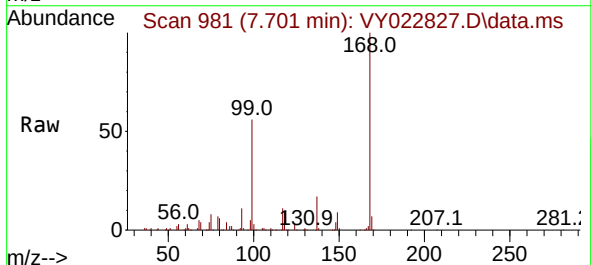
Instrument :
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 ClientSampleId :
 WC-1-VOC

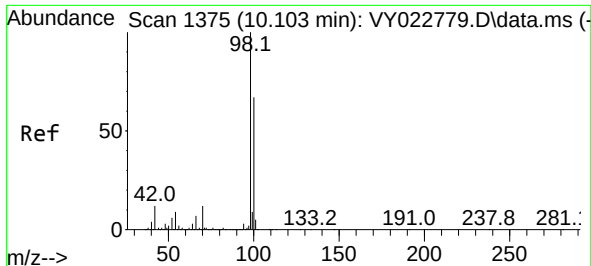
Tgt Ion: 75 Resp: 30442
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.755 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY022827.D
 Acq: 25 Jun 2025 16:05

Tgt Ion: 117 Resp: 37039
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.0 112.6#
 121 0.0 25.0 37.4#

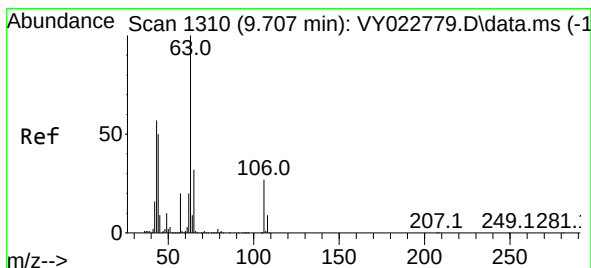
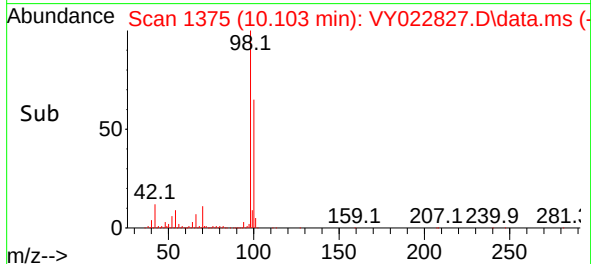
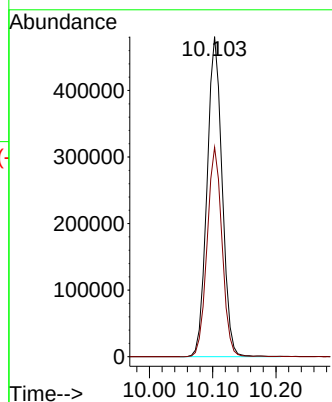
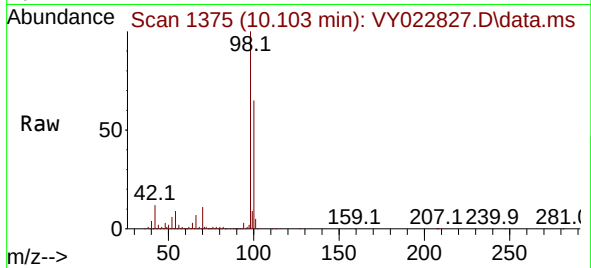




#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

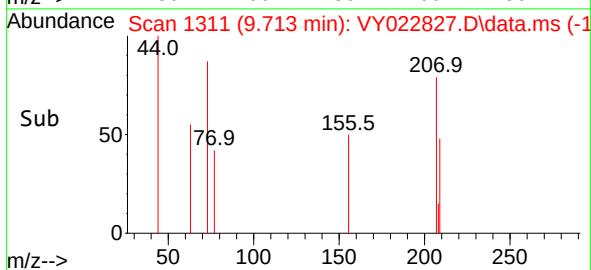
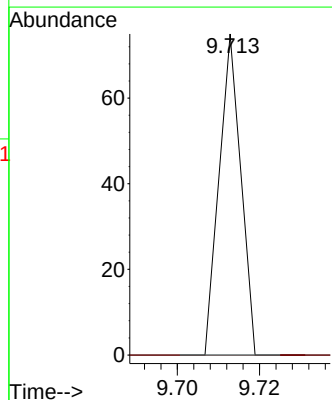
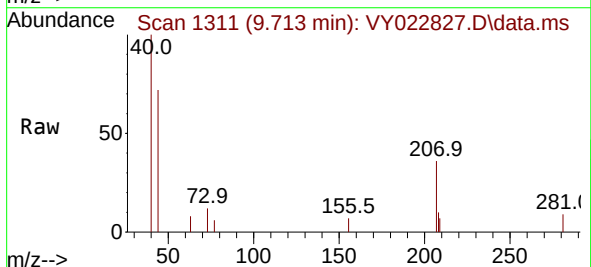
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

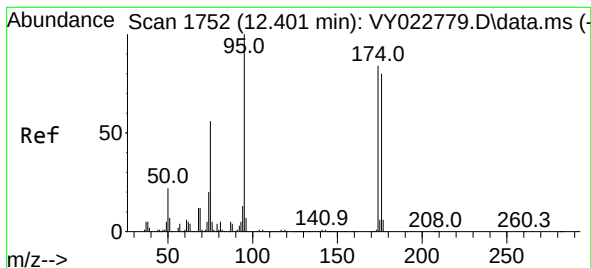
Tgt Ion: 98 Resp: 797958
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 15.666 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#





#62

4-Bromofluorobenzene

Concen: 52.123 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022827.D

Acq: 25 Jun 2025 16:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

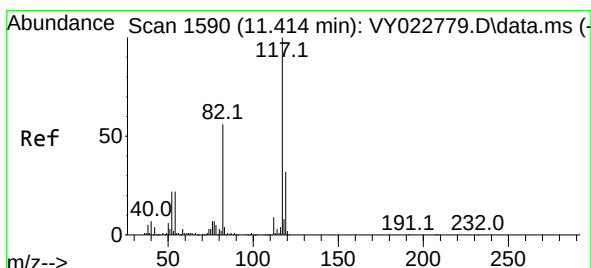
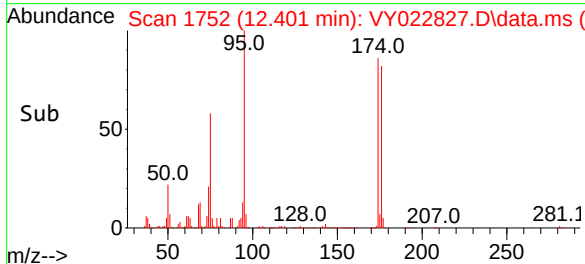
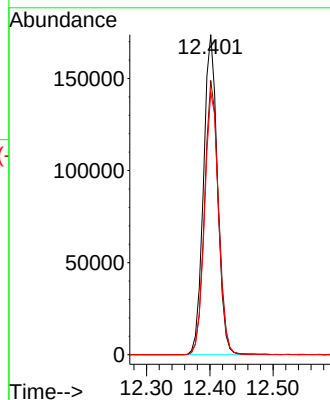
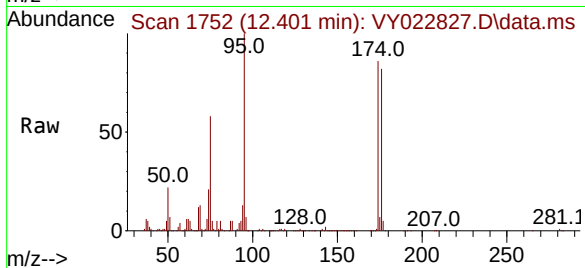
Tgt Ion: 95 Resp: 267549

Ion Ratio Lower Upper

95 100

174 85.5 0.0 170.0

176 82.4 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022827.D

Acq: 25 Jun 2025 16:05

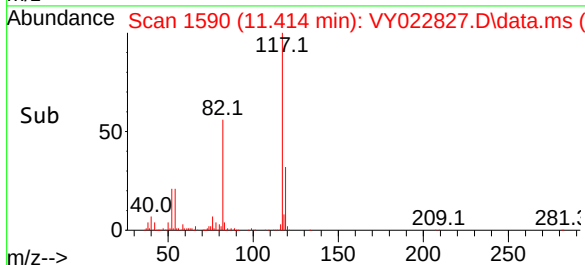
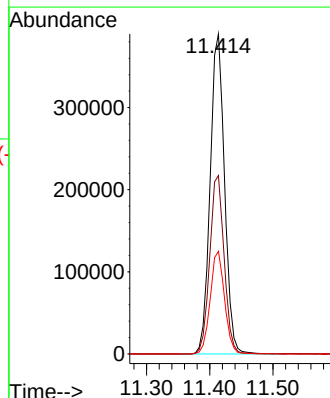
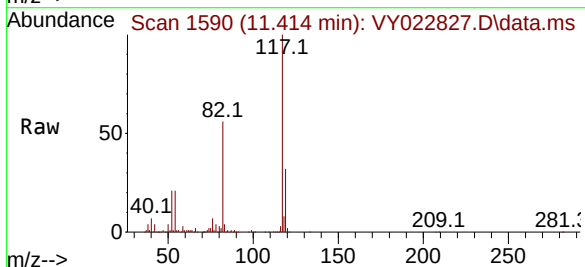
Tgt Ion: 117 Resp: 616108

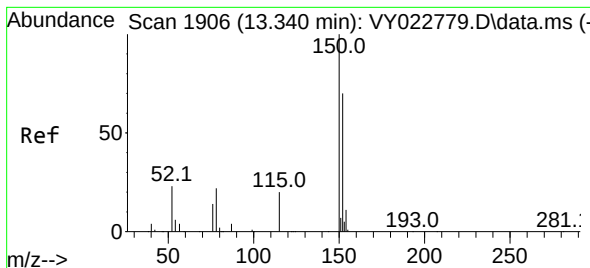
Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022827.D

Acq: 25 Jun 2025 16:05

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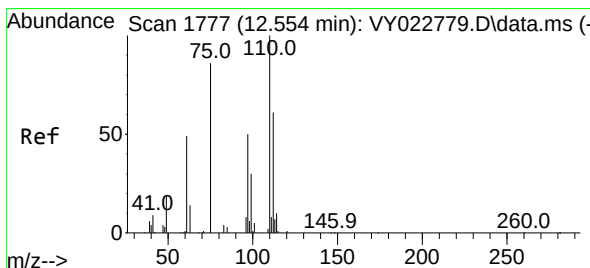
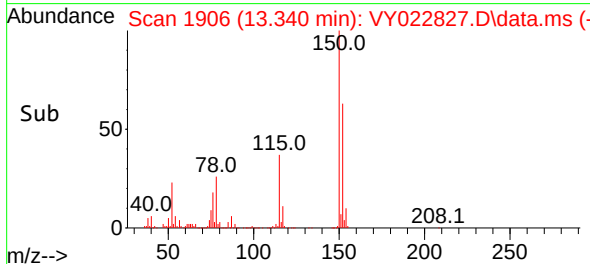
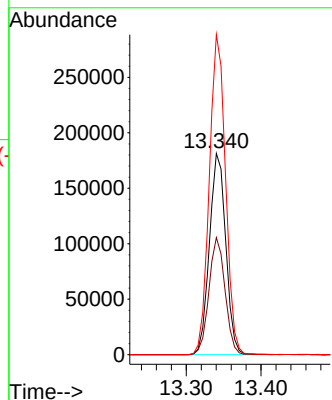
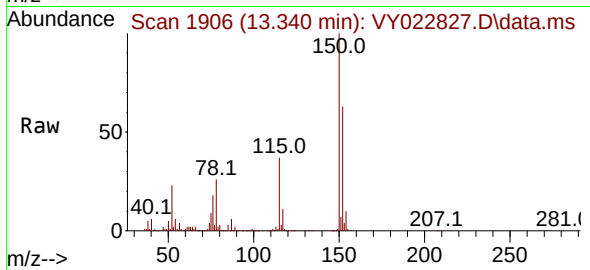
Tgt Ion:152 Resp: 275801

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 157.7 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 54.481 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022827.D

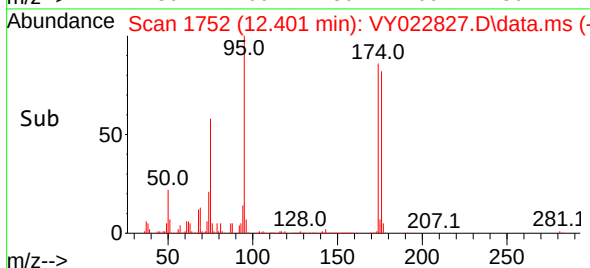
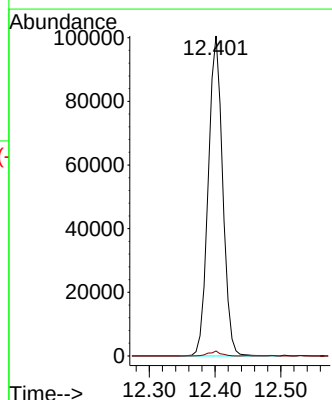
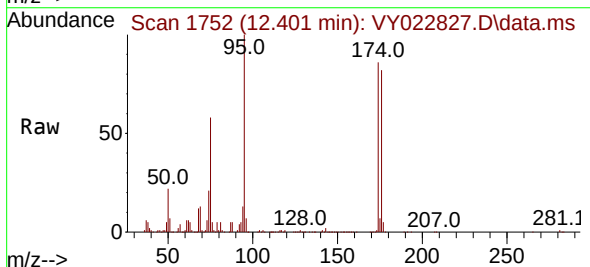
Acq: 25 Jun 2025 16:05

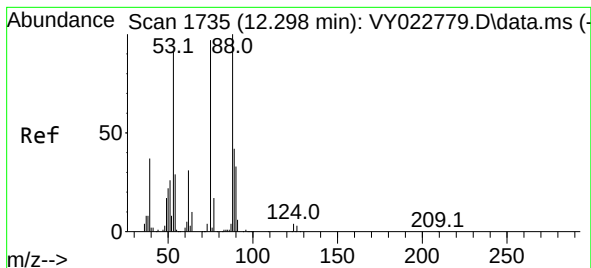
Tgt Ion: 75 Resp: 153403

Ion Ratio Lower Upper

75 100

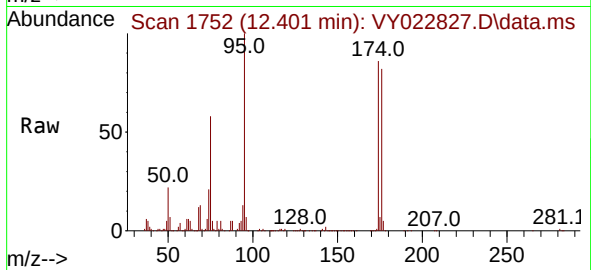
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.641 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY022827.D
Acq: 25 Jun 2025 16:05

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC



Tgt Ion: 75 Resp: 153403
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

