

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023882.D
 Acq On : 04 Dec 2025 10:15
 Operator : SY/MD
 Sample : Q3750-06
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FENCE WC-2-VOC

Quant Time: Dec 05 01:43:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

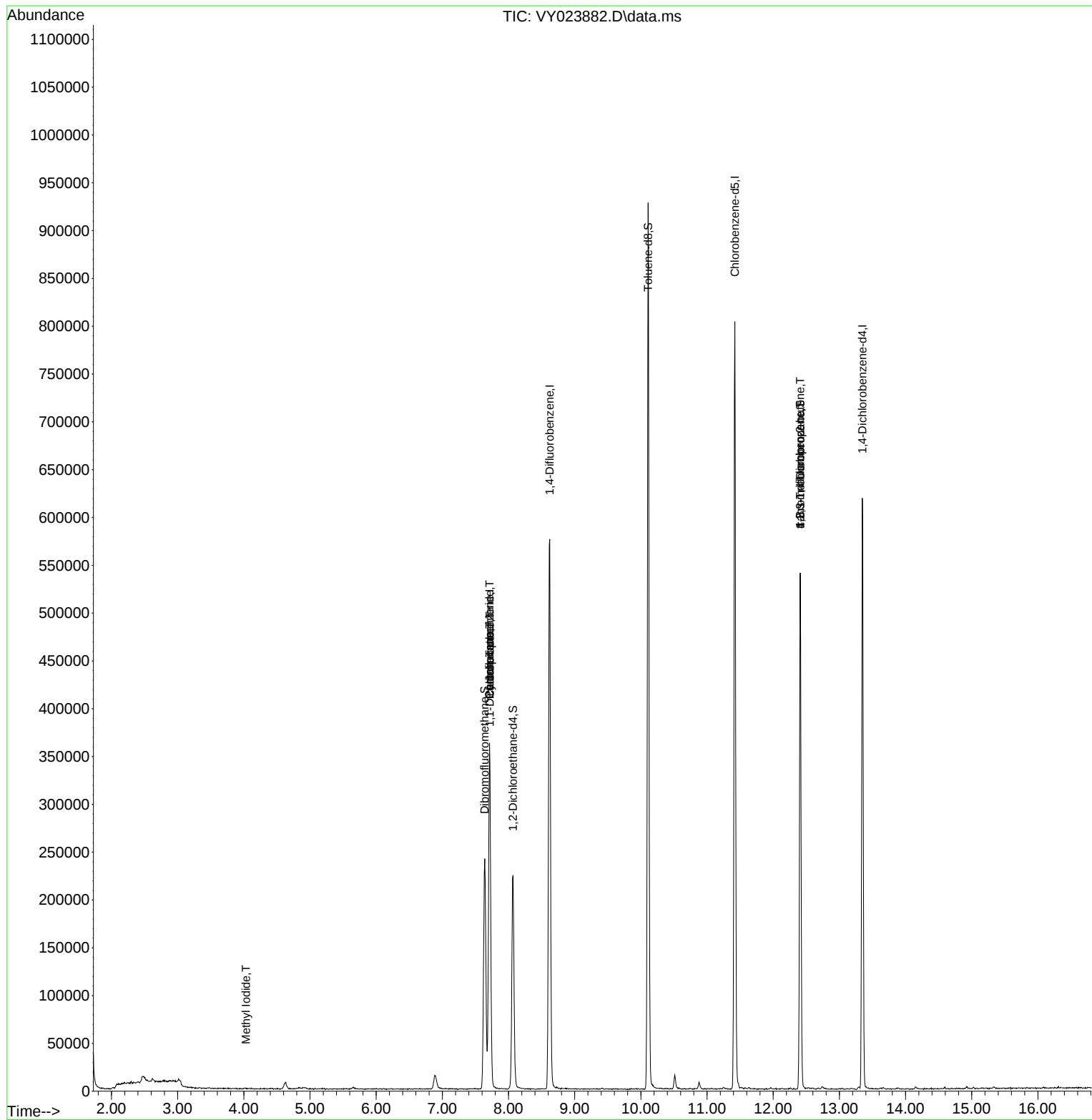
Internal Standards						
1) Pentafluorobenzene	7.713	168	285745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	508167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	429643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	177325	62.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.060%	
35) Dibromofluoromethane	7.640	113	175876	53.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.109	98	593502	46.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.600%	
62) 4-Bromofluorobenzene	12.408	95	161250	37.275	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.560%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.031	142	1051	2.746	ug/l #	53
11) Tert butyl alcohol	4.848	59	1029	Below Cal	#	74
20) Methylene Chloride	4.629	84	4784	Below Cal		93
31) Cyclohexane	7.713	56	5460	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.720	75	21767	4.529	ug/l #	50
38) Carbon Tetrachloride	7.713	117	26631	5.021	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	83835	51.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	83835	123.068	ug/l #	14

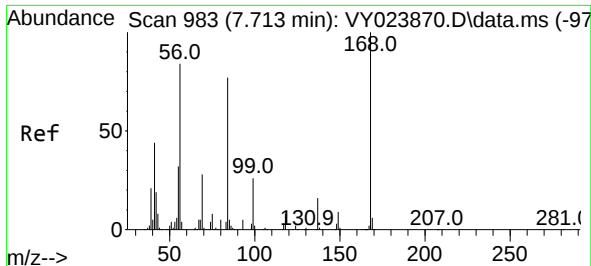
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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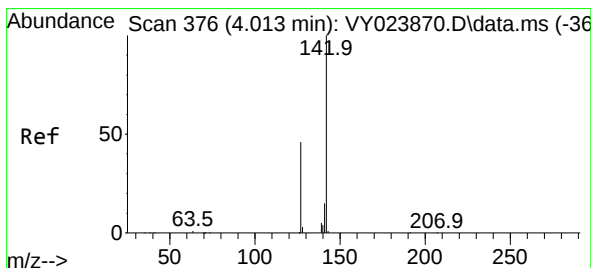
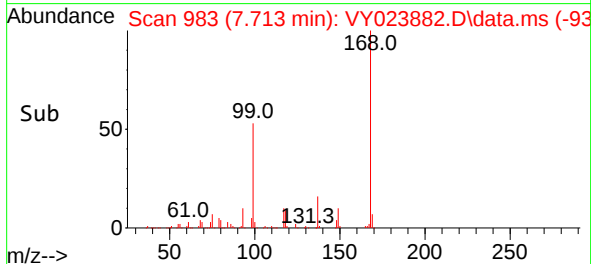
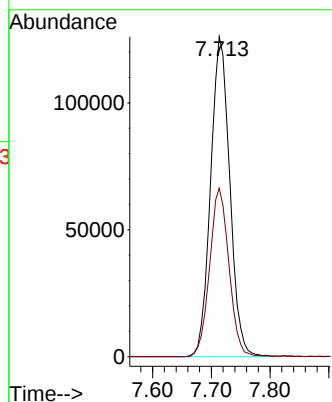
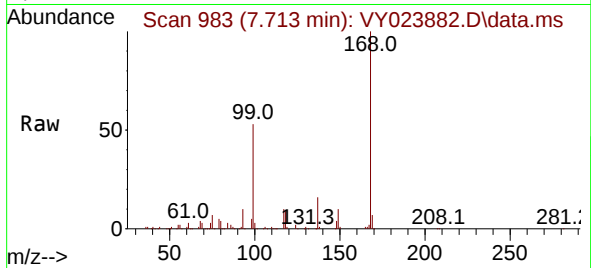




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

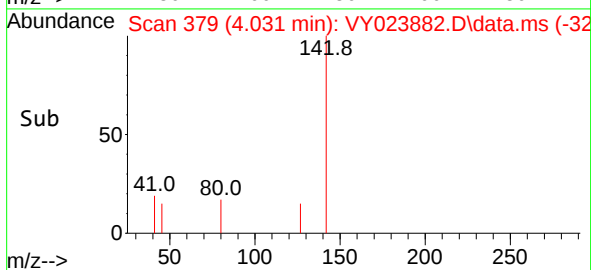
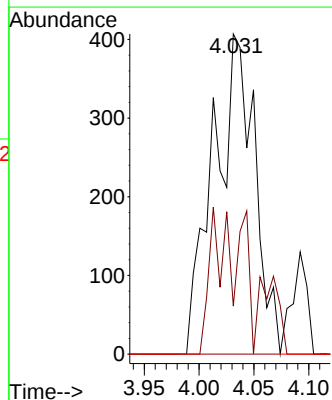
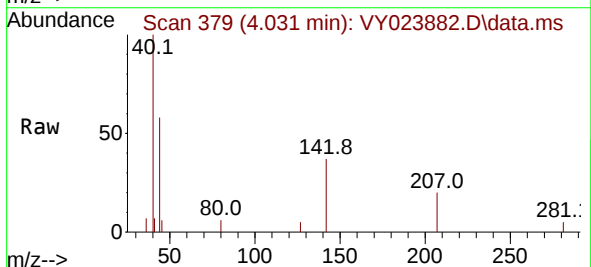
Instrument :
MSVOA_Y
ClientSampleId :
FENCE WC-2-VOC

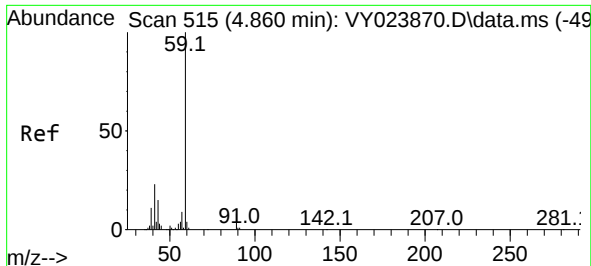
Tgt Ion:168 Resp: 285745
Ion Ratio Lower Upper
168 100
99 52.7 42.5 63.7



#10
Methyl Iodide
Concen: 2.746 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 12.0 36.1 54.1#
141 0.0 11.8 17.8#

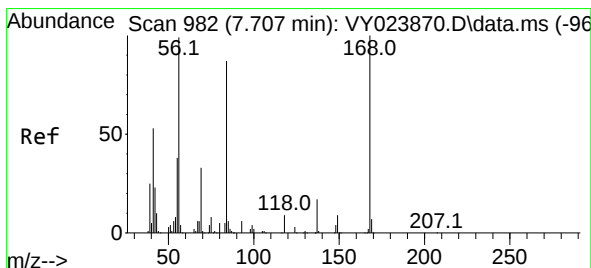
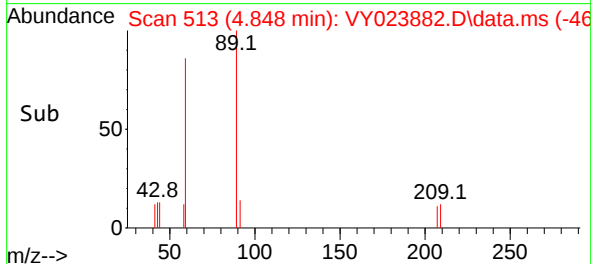
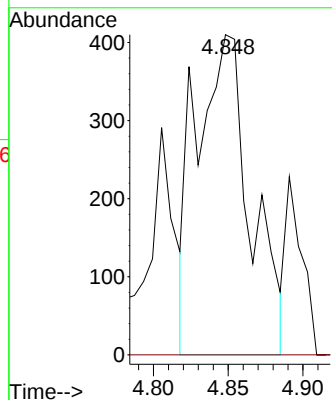
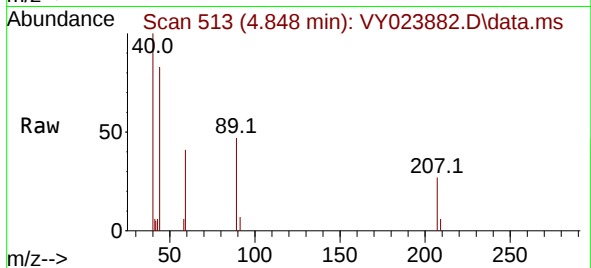




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

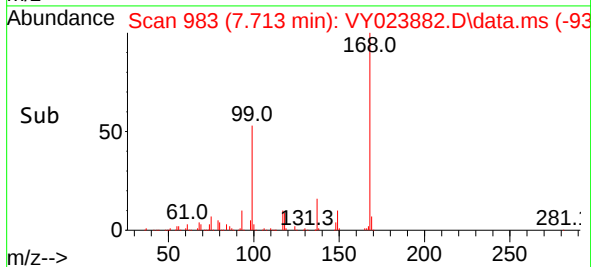
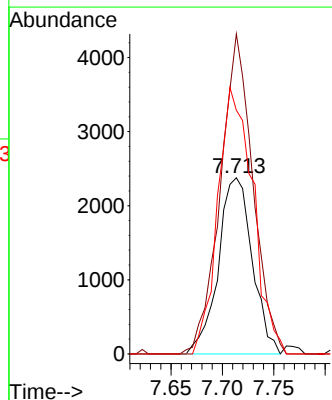
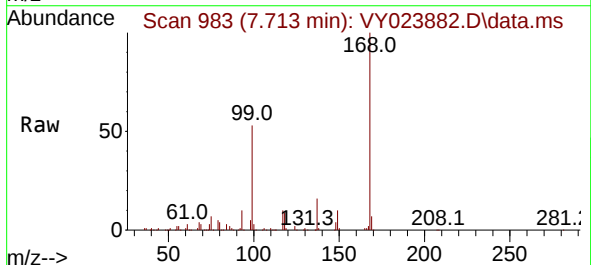
Instrument :
MSVOA_Y
ClientSampleId :
FENCE WC-2-VOC

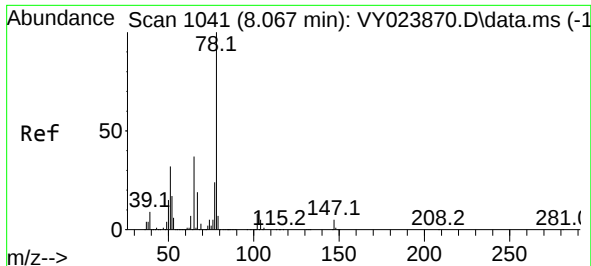
Tgt Ion: 59 Resp: 1029
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 56 Resp: 5460
Ion Ratio Lower Upper
56 100
69 181.7 26.8 40.2#
84 138.3 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 62.035 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023882.D

Acq: 04 Dec 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

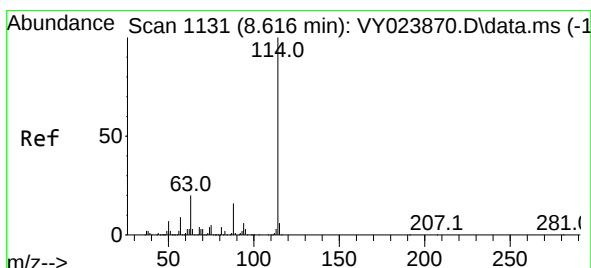
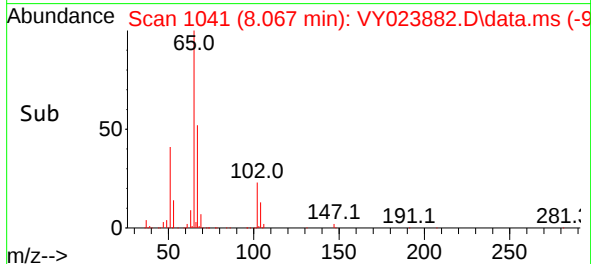
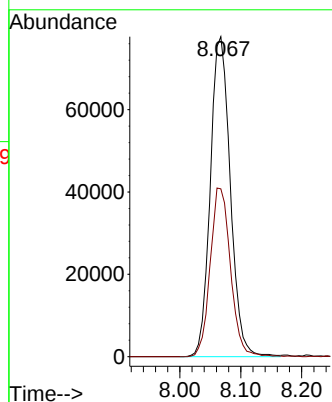
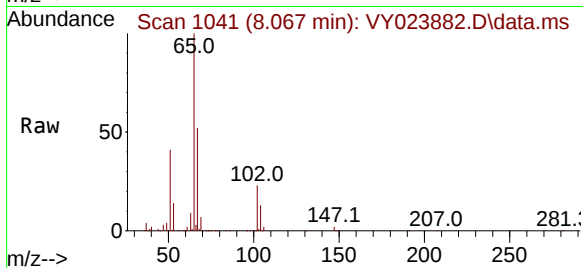
FENCE WC-2-VOC

Tgt Ion: 65 Resp: 177325

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023882.D

Acq: 04 Dec 2025 10:15

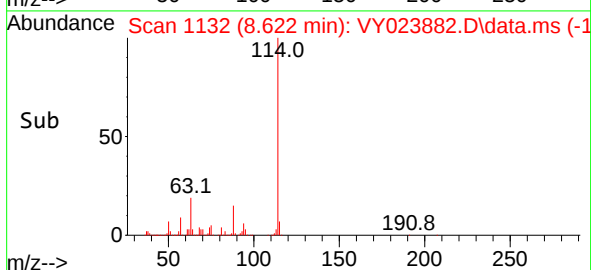
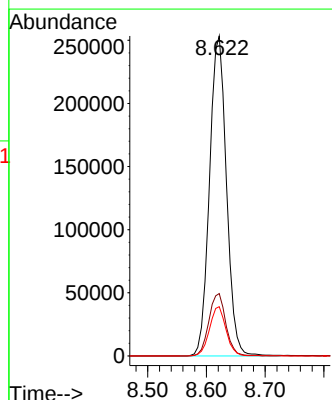
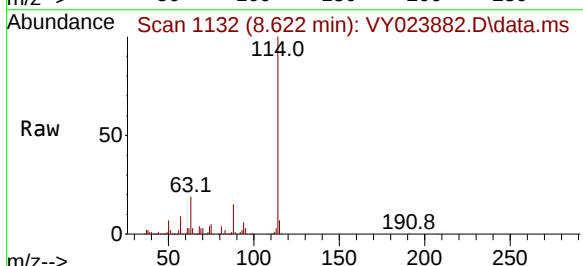
Tgt Ion: 114 Resp: 508167

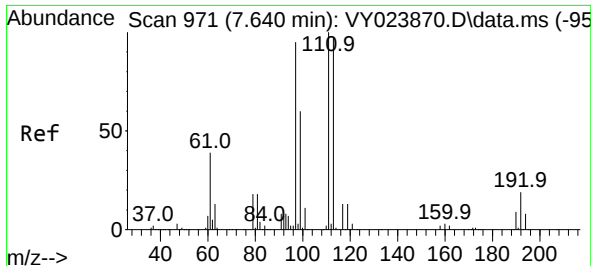
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

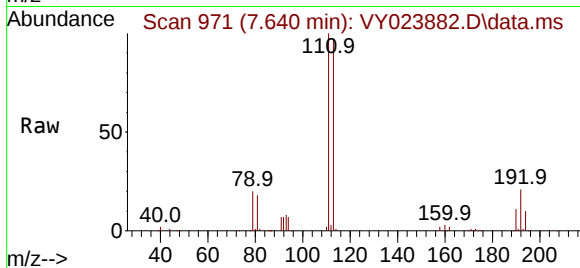
88 15.4 0.0 31.4



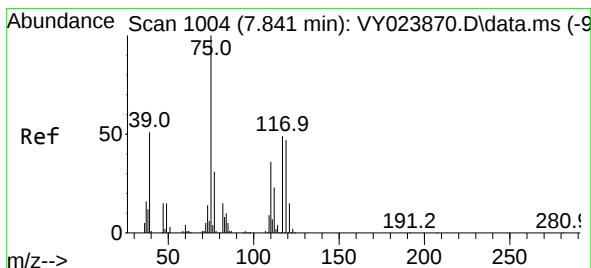
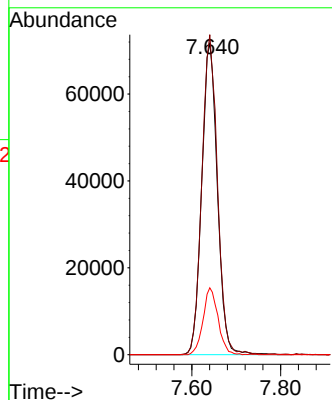
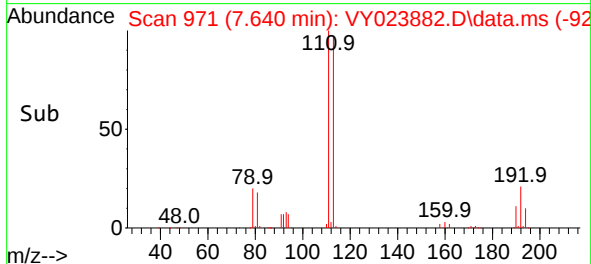


#35
Dibromofluoromethane
Concen: 53.962 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

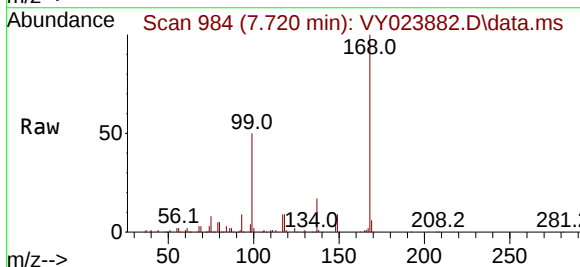
Instrument :
MSVOA_Y
ClientSampleId :
FENCE WC-2-VOC



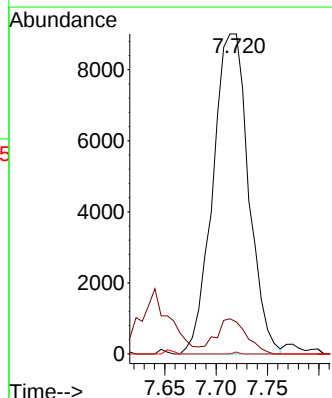
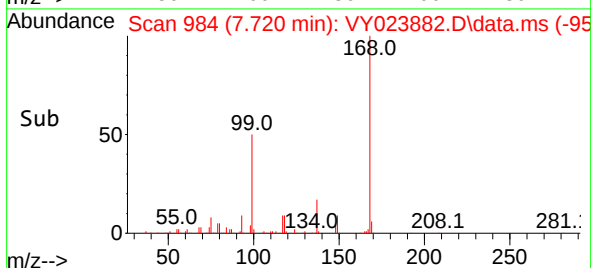
Tgt Ion:113 Resp: 175876
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.6 15.8 23.8

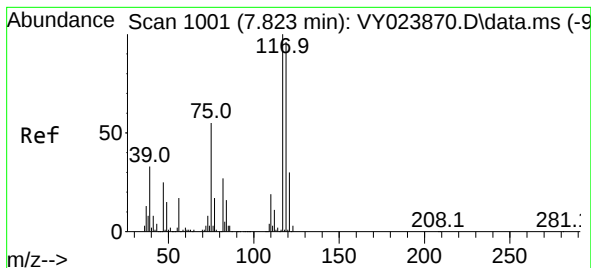


#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15



Tgt Ion: 75 Resp: 21767
Ion Ratio Lower Upper
75 100
110 9.5 17.6 52.9#
77 0.1 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.021 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY023882.D

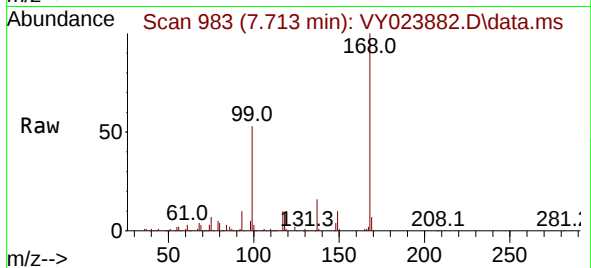
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Instrument :

MSVOA_Y

ClientSampleId :

FENCE WC-2-VOC



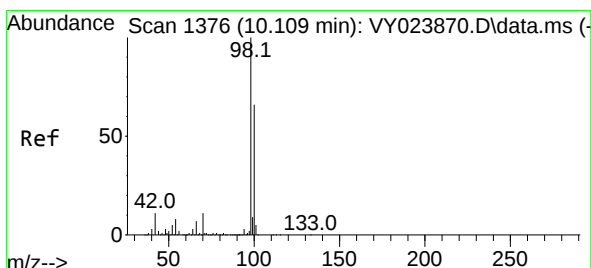
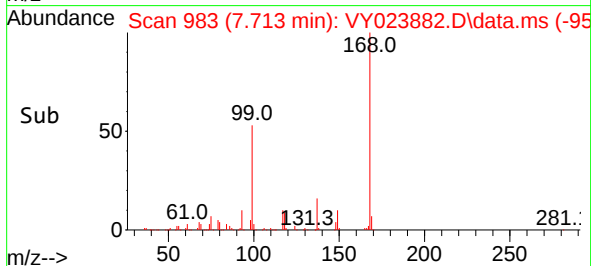
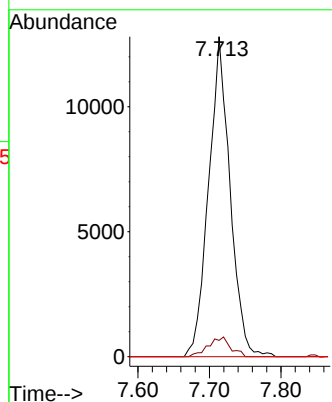
Tgt Ion:117 Resp: 26631

Ion Ratio Lower Upper

117 100

119 5.1 77.0 115.6#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 46.795 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023882.D

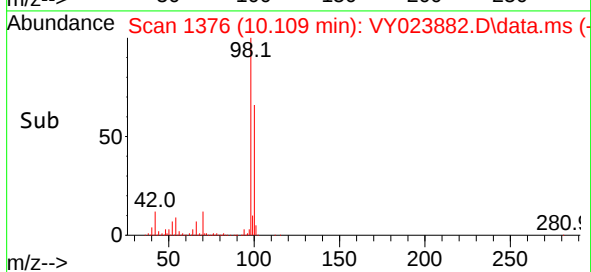
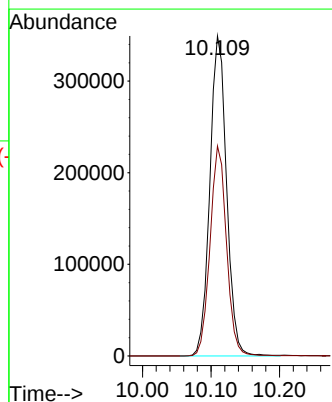
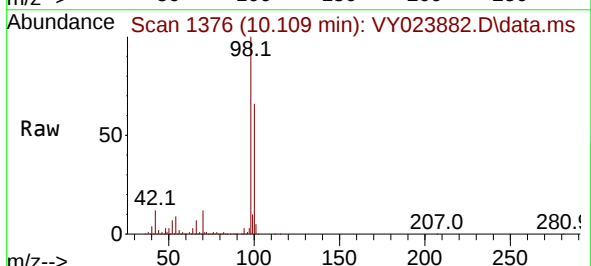
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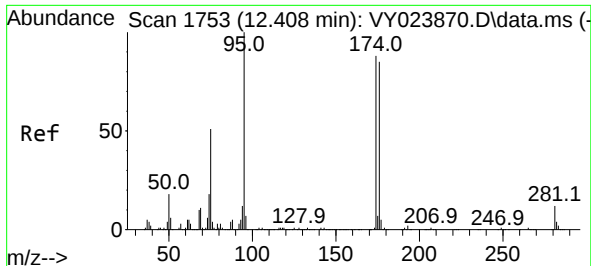
Tgt Ion: 98 Resp: 593502

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7

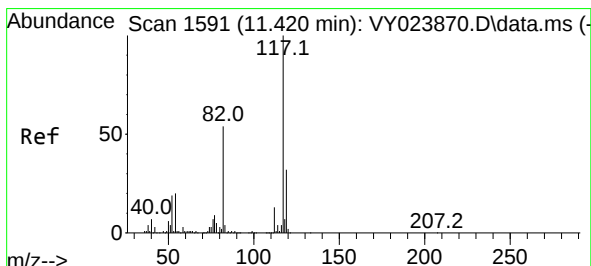
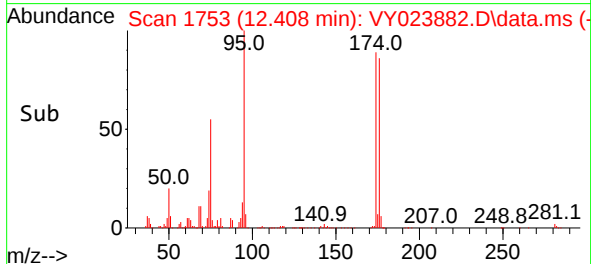
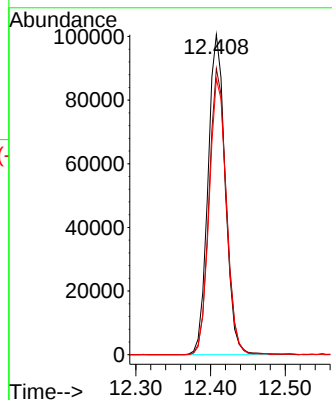
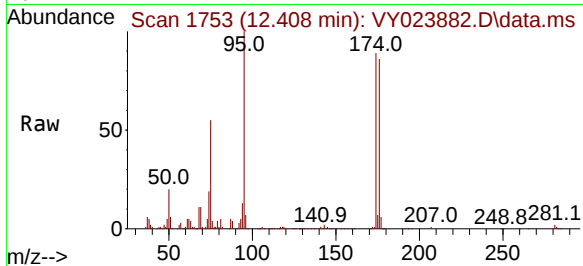




#62
4-Bromofluorobenzene
Concen: 37.275 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

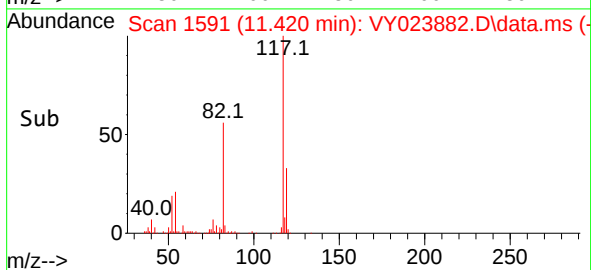
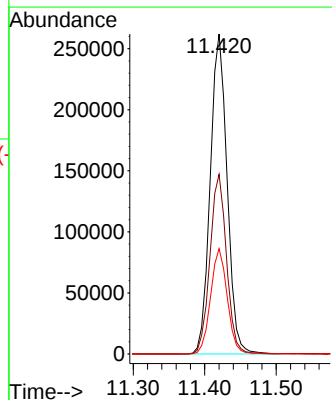
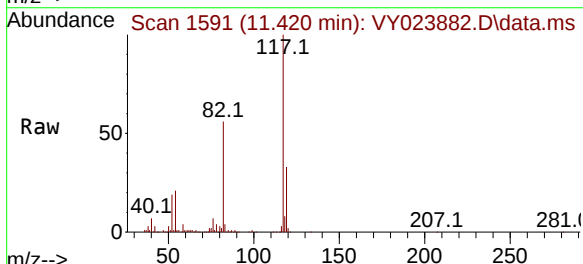
Instrument :
MSVOA_Y
ClientSampleId :
FENCE WC-2-VOC

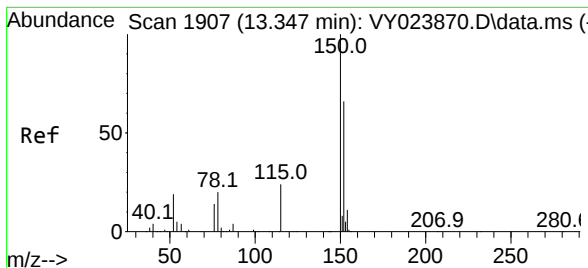
Tgt Ion: 95 Resp: 161250
Ion Ratio Lower Upper
95 100
174 89.3 0.0 169.6
176 86.1 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY023882.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 117 Resp: 429643
Ion Ratio Lower Upper
117 100
82 56.2 43.1 64.7
119 32.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023882.D

Acq: 04 Dec 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

FENCE WC-2-VOC

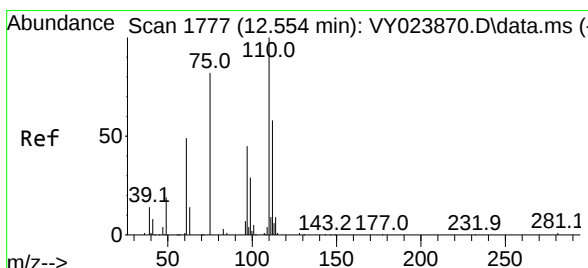
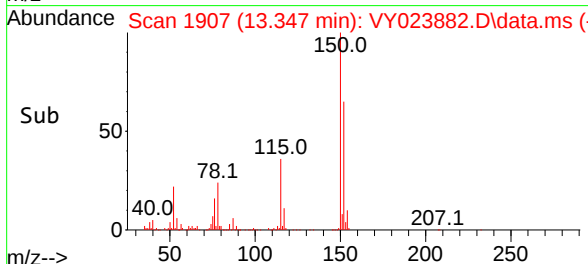
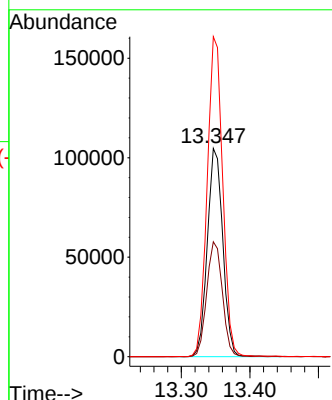
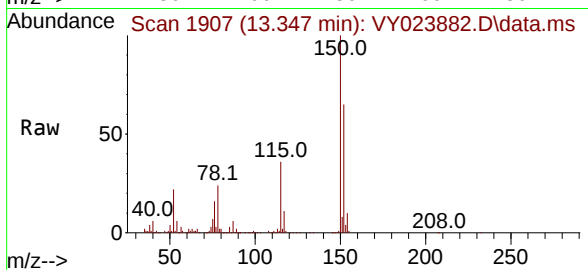
Tgt Ion:152 Resp: 164576

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.4

150 154.2 0.0 352.2



#76

1,2,3-Trichloropropane

Concen: 51.383 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY023882.D

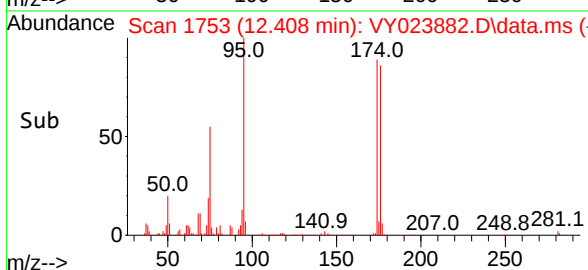
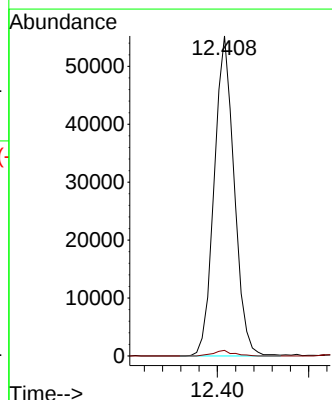
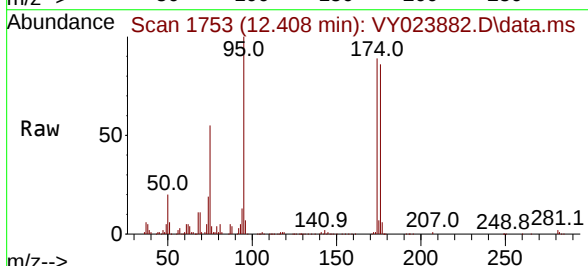
Acq: 04 Dec 2025 10:15

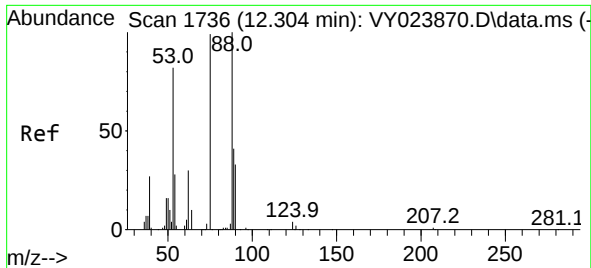
Tgt Ion: 75 Resp: 83835

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.068 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023882.D
 Acq: 04 Dec 2025 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 FENCE WC-2-VOC

Tgt Ion: 75 Resp: 83835
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.1 106.7#
 89 0.0 36.3 54.5#

