

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022512.D
 Acq On : 03 Jun 2025 10:40
 Operator : SY/MD
 Sample : VY0603SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01

Quant Time: Jun 04 04:08:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

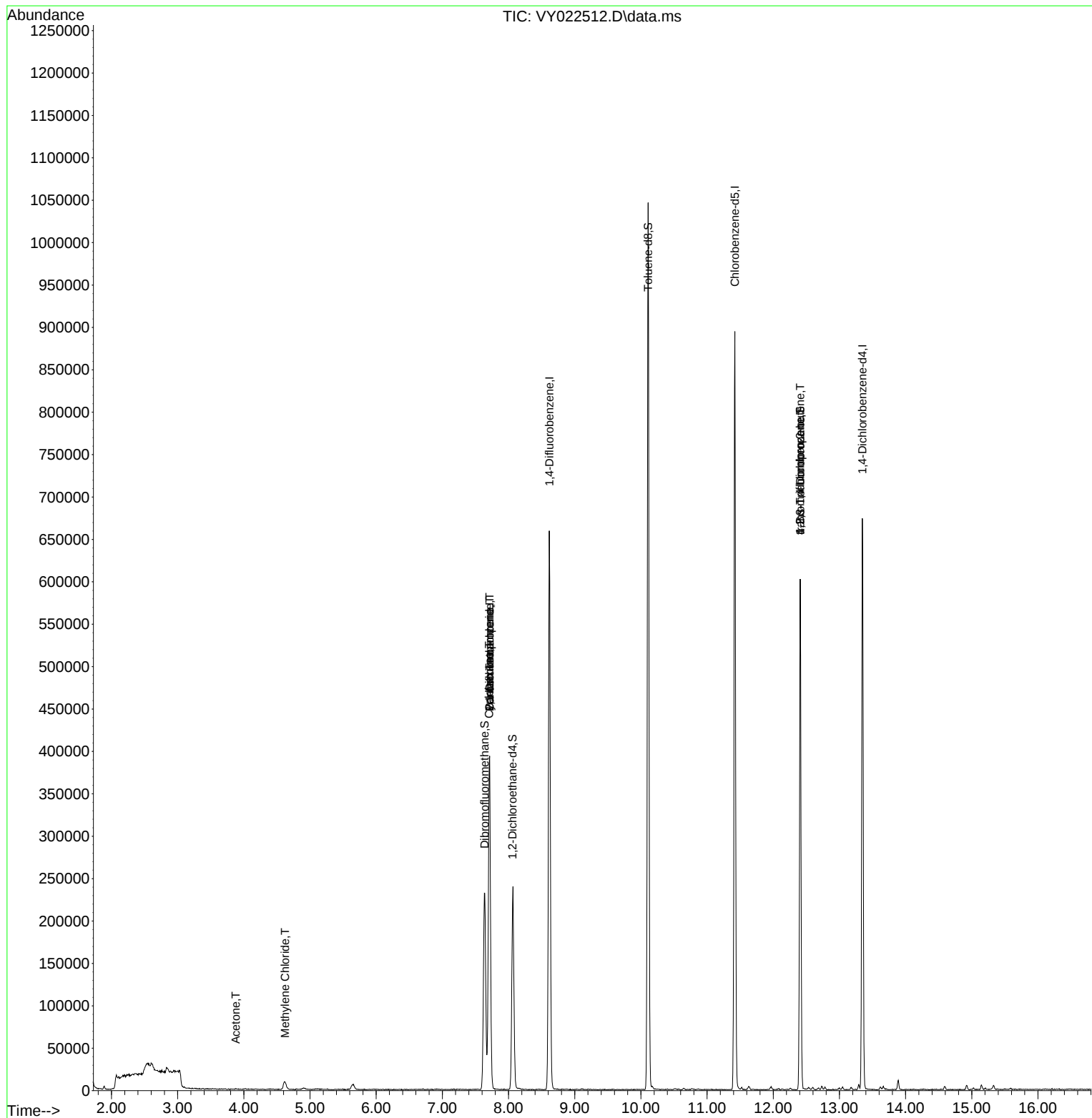
Internal Standards						
1) Pentafluorobenzene	7.713	168	287398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	534399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	428748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171949	53.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.980%			
35) Dibromofluoromethane	7.640	113	162497	50.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.880%			
50) Toluene-d8	10.109	98	643614	49.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.408	95	161263	41.994	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.980%			
Target Compounds					Qvalue	
16) Acetone	3.879	43	792	1.213	ug/l #	76
20) Methylene Chloride	4.622	84	6031	1.626	ug/l	96
31) Cyclohexane	7.707	56	8542	1.383	ug/l #	29
36) 1,1-Dichloropropene	7.713	75	26268	5.074	ug/l #	50
38) Carbon Tetrachloride	7.713	117	31157	5.867	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	95397	53.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	95397	129.699	ug/l #	10

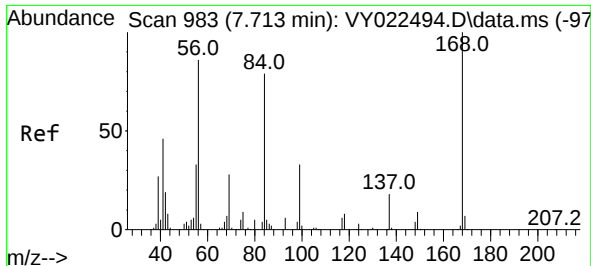
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022512.D
Acq On : 03 Jun 2025 10:40
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Quant Time: Jun 04 04:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
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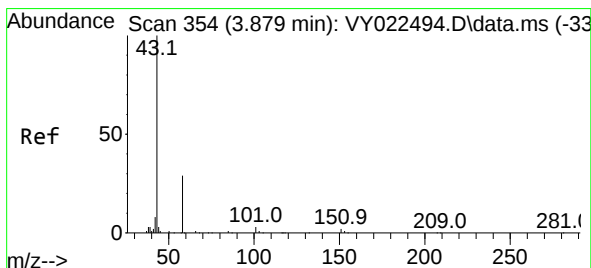
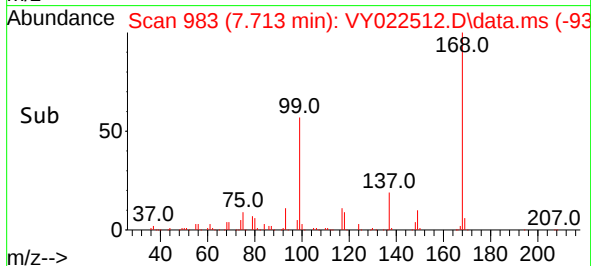
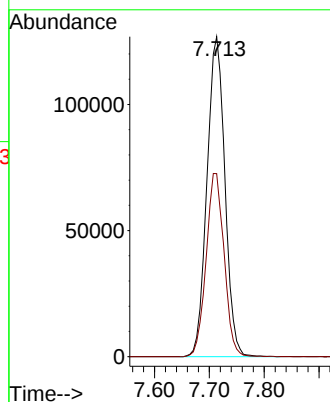
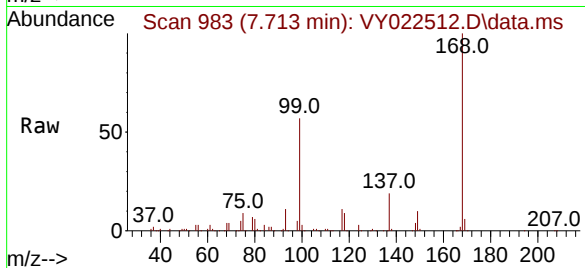




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

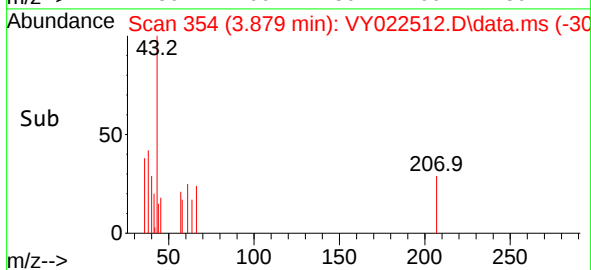
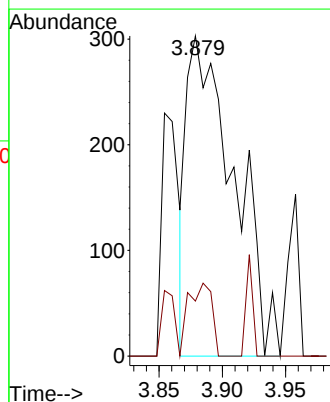
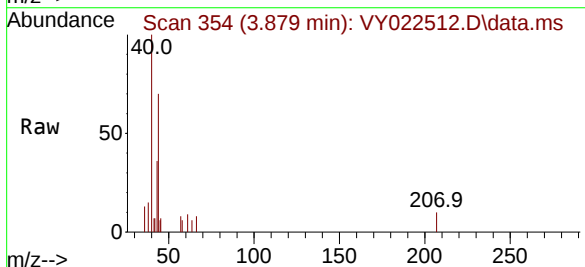
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:168 Resp: 287398
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5



#16
Acetone
Concen: 1.213 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 17.2 24.0 36.0#

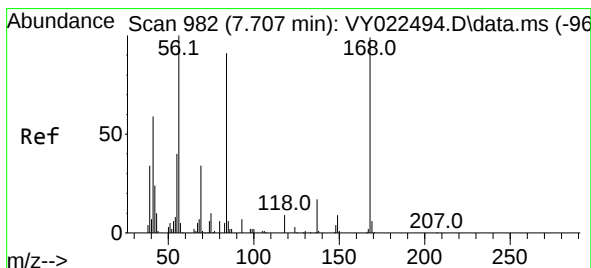
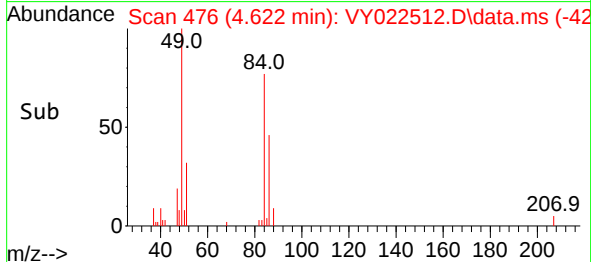
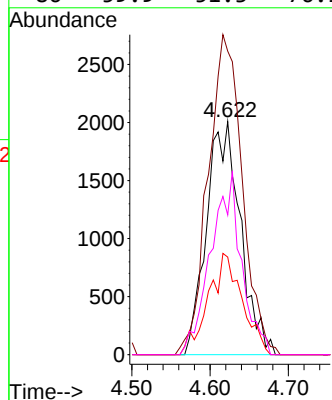
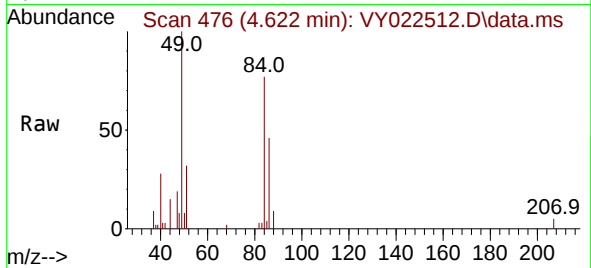




#20
Methylene Chloride
Concen: 1.626 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

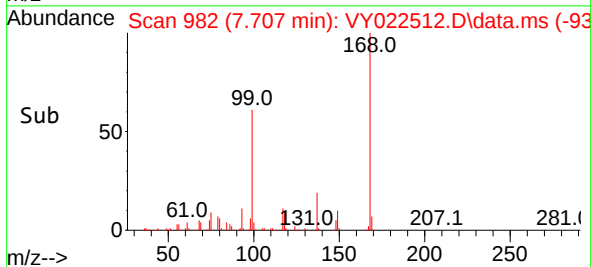
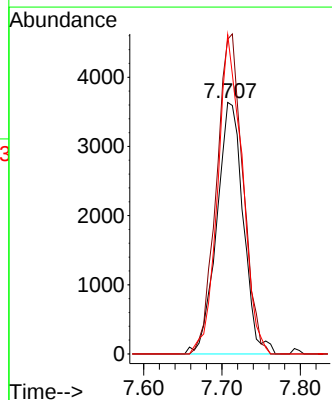
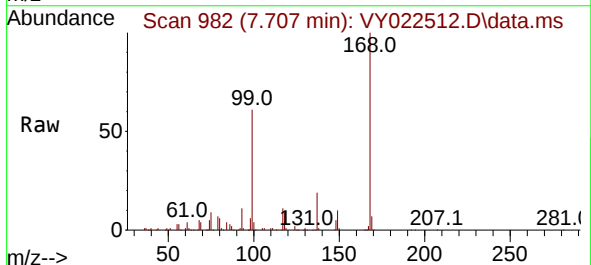
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

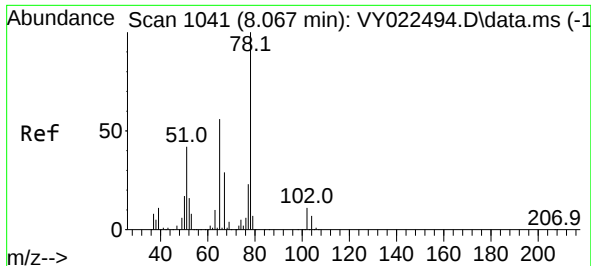
Tgt Ion:	84	Resp:	6031
Ion	Ratio	Lower	Upper
84	100		
49	130.2	101.9	152.9
51	41.9	29.8	44.8
86	59.9	51.3	76.9



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion:	56	Resp:	8542
Ion	Ratio	Lower	Upper
56	100		
69	125.2	27.0	40.6#
84	126.9	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 53.494 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022512.D

Acq: 03 Jun 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

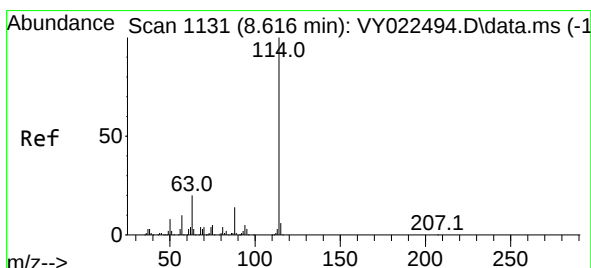
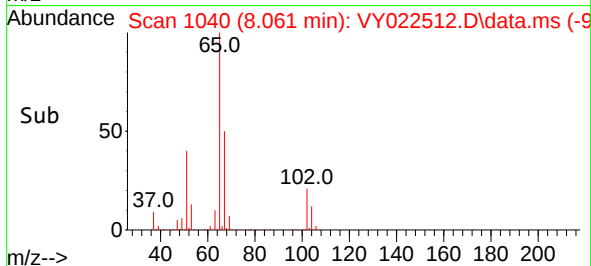
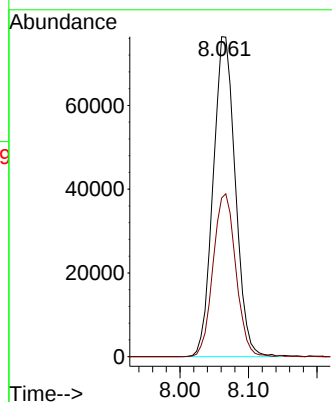
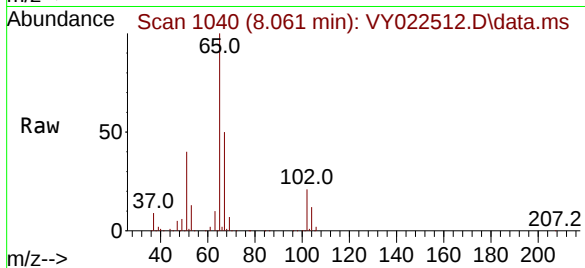
VY0603SBL01

Tgt Ion: 65 Resp: 171949

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022512.D

Acq: 03 Jun 2025 10:40

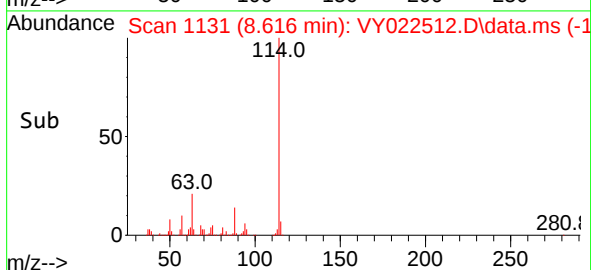
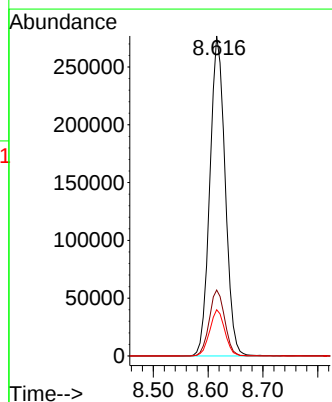
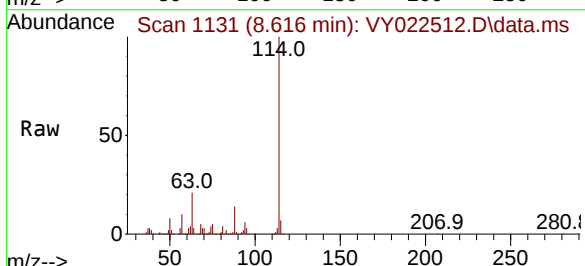
Tgt Ion:114 Resp: 534399

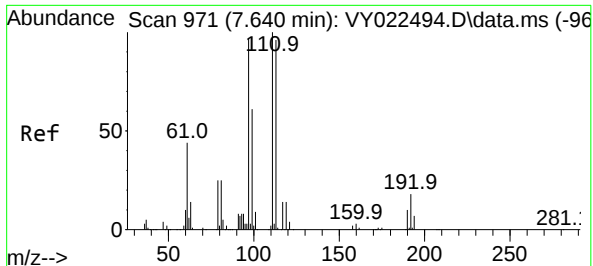
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.4 0.0 27.8

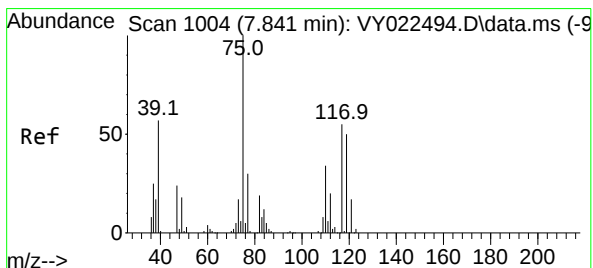
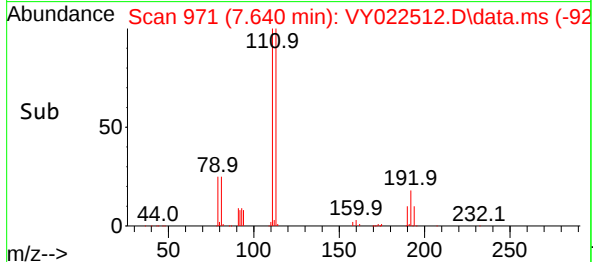
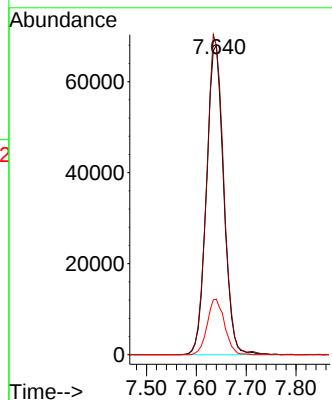
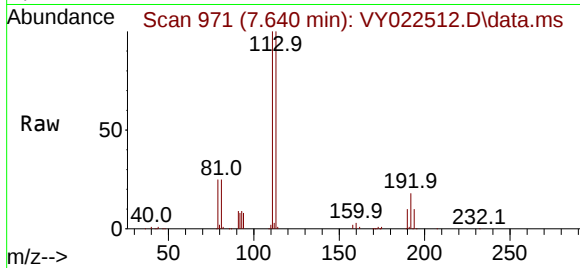




#35
Dibromofluoromethane
Concen: 50.944 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

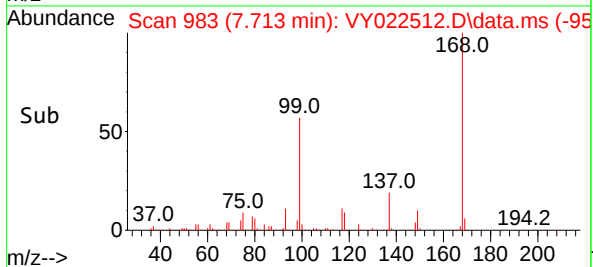
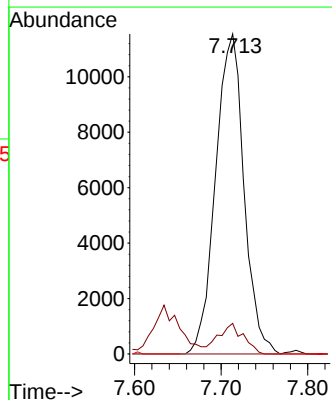
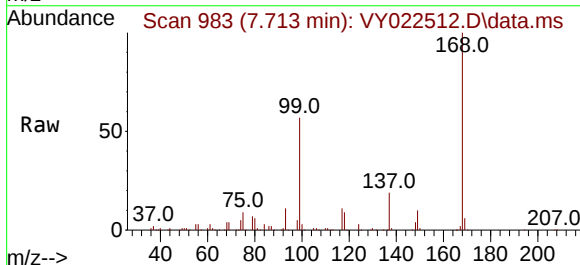
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

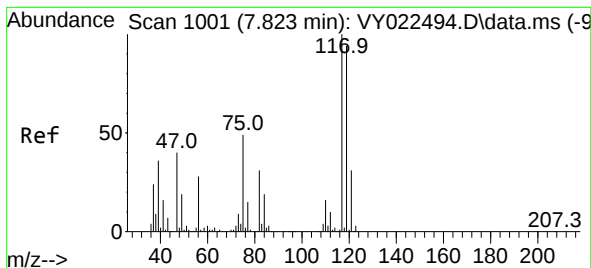
Tgt Ion:113 Resp: 162497
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 75 Resp: 26268
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.867 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY022512.D

Acq: 03 Jun 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBL01

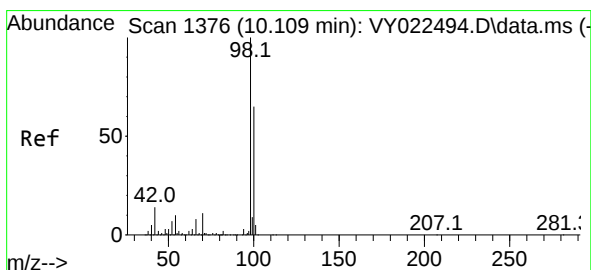
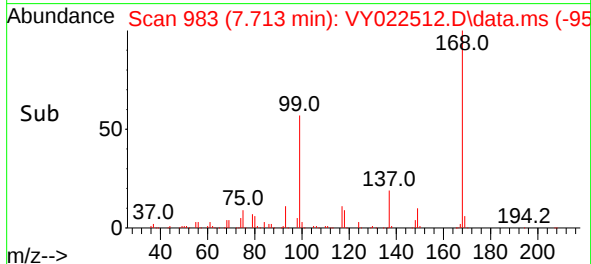
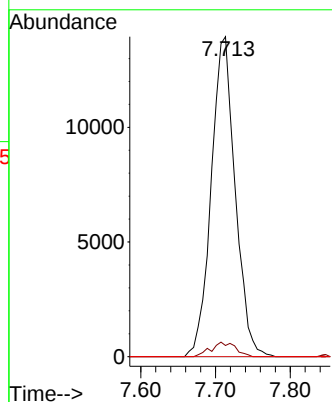
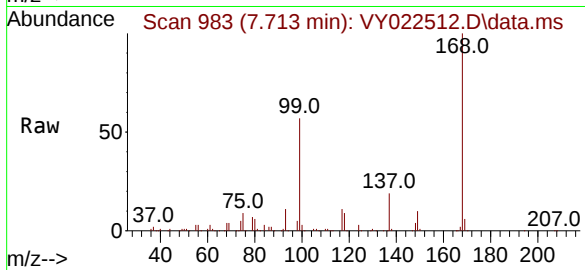
Tgt Ion:117 Resp: 31157

Ion Ratio Lower Upper

117 100

119 3.5 75.0 112.6#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 49.937 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022512.D

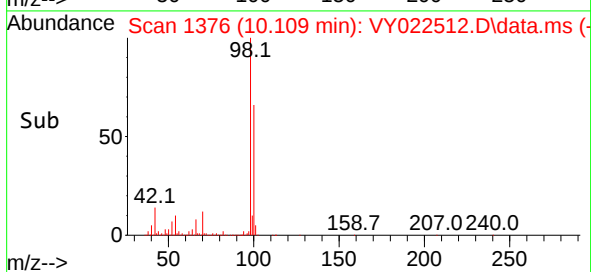
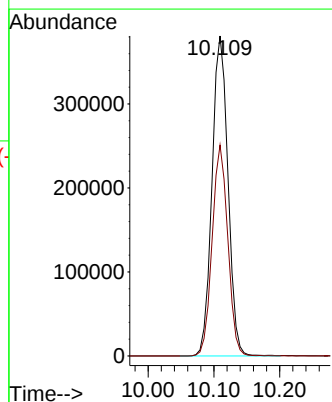
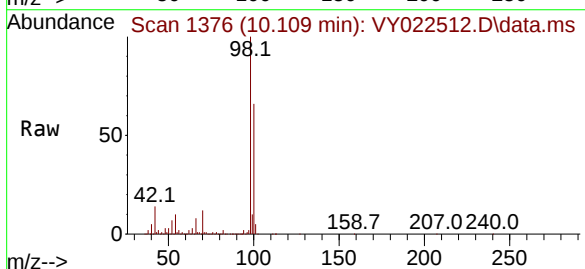
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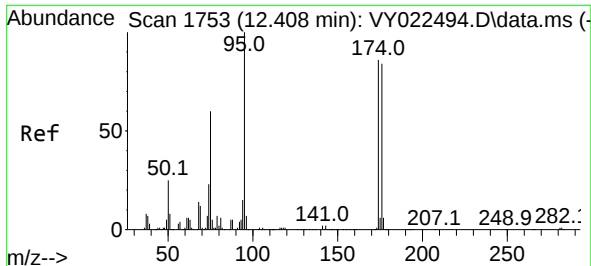
Tgt Ion: 98 Resp: 643614

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

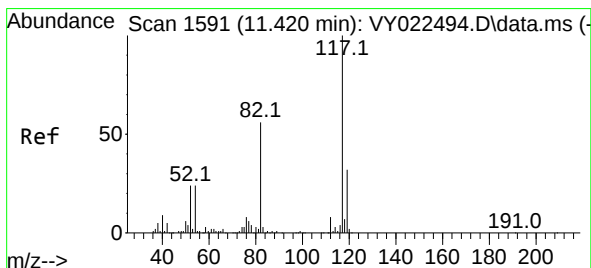
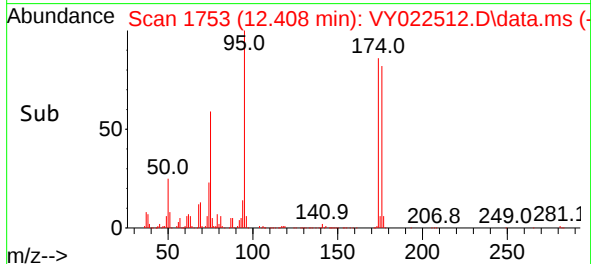
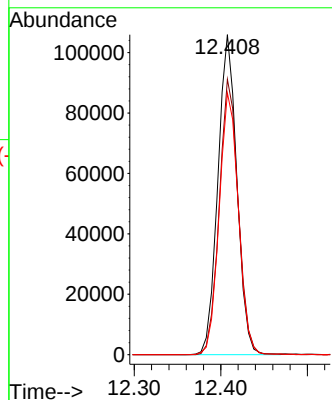
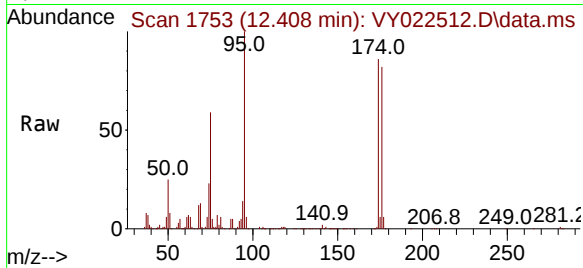




#62
4-Bromofluorobenzene
Concen: 41.994 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

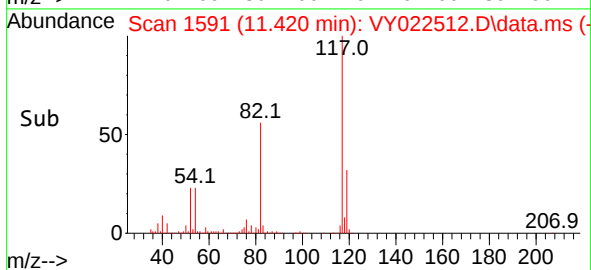
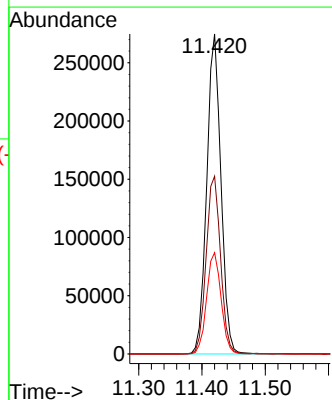
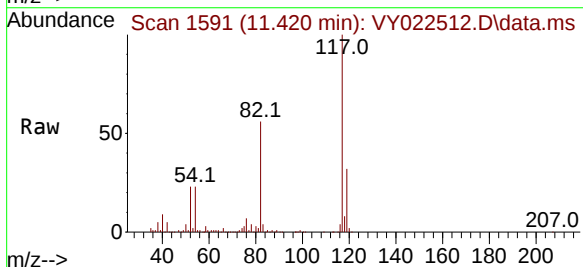
Instrument :
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VY0603SBL01

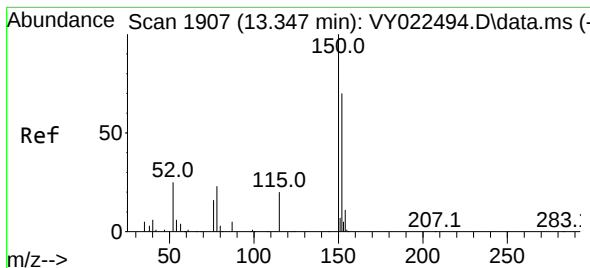
Tgt Ion: 95 Resp: 161263
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.0
176 82.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 117 Resp: 428748
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022512.D

Acq: 03 Jun 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBL01

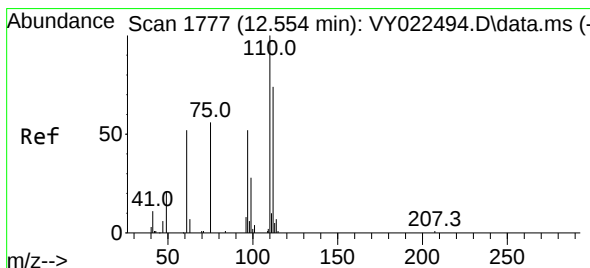
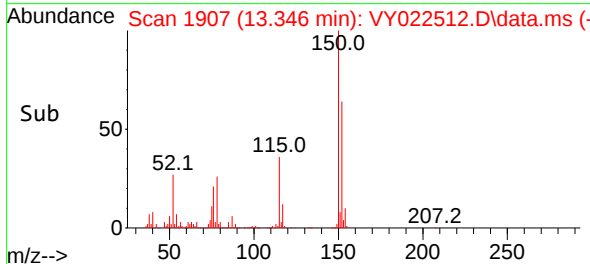
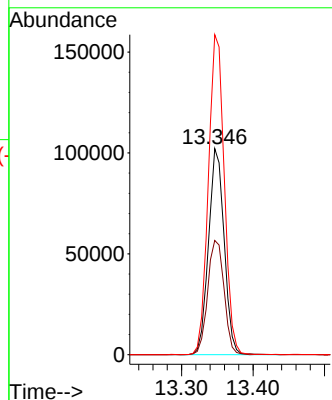
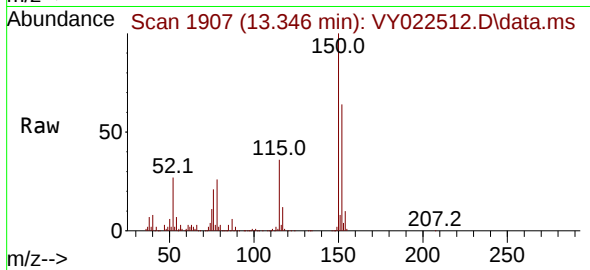
Tgt Ion:152 Resp: 155262

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 158.0 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 53.707 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022512.D

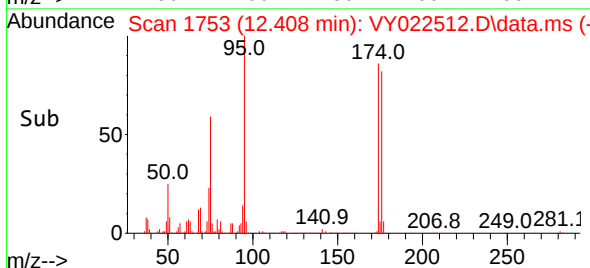
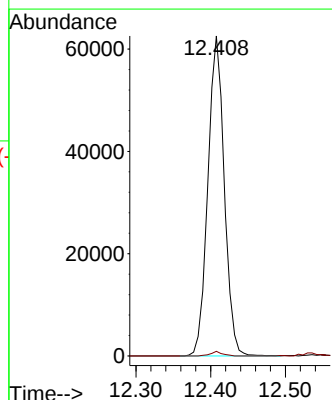
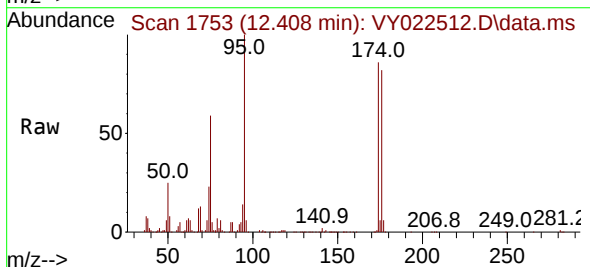
Acq: 03 Jun 2025 10:40

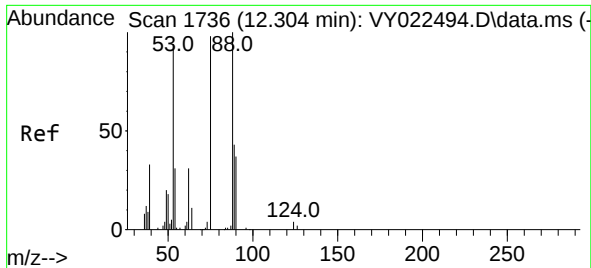
Tgt Ion: 75 Resp: 95397

Ion Ratio Lower Upper

75 100

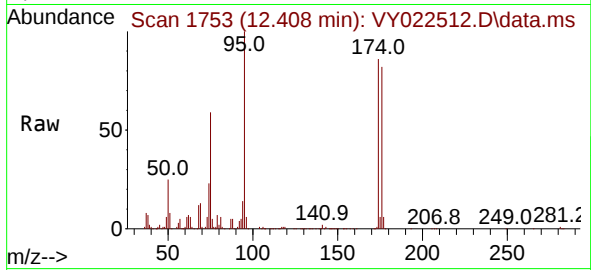
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.699 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022512.D
 Acq: 03 Jun 2025 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01



Tgt Ion: 75 Resp: 95397
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.1 35.7 53.5#

