

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022381.D
 Acq On : 22 May 2025 09:07
 Operator : SY/MD
 Sample : VY0522SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBL01

Quant Time: May 23 03:31:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

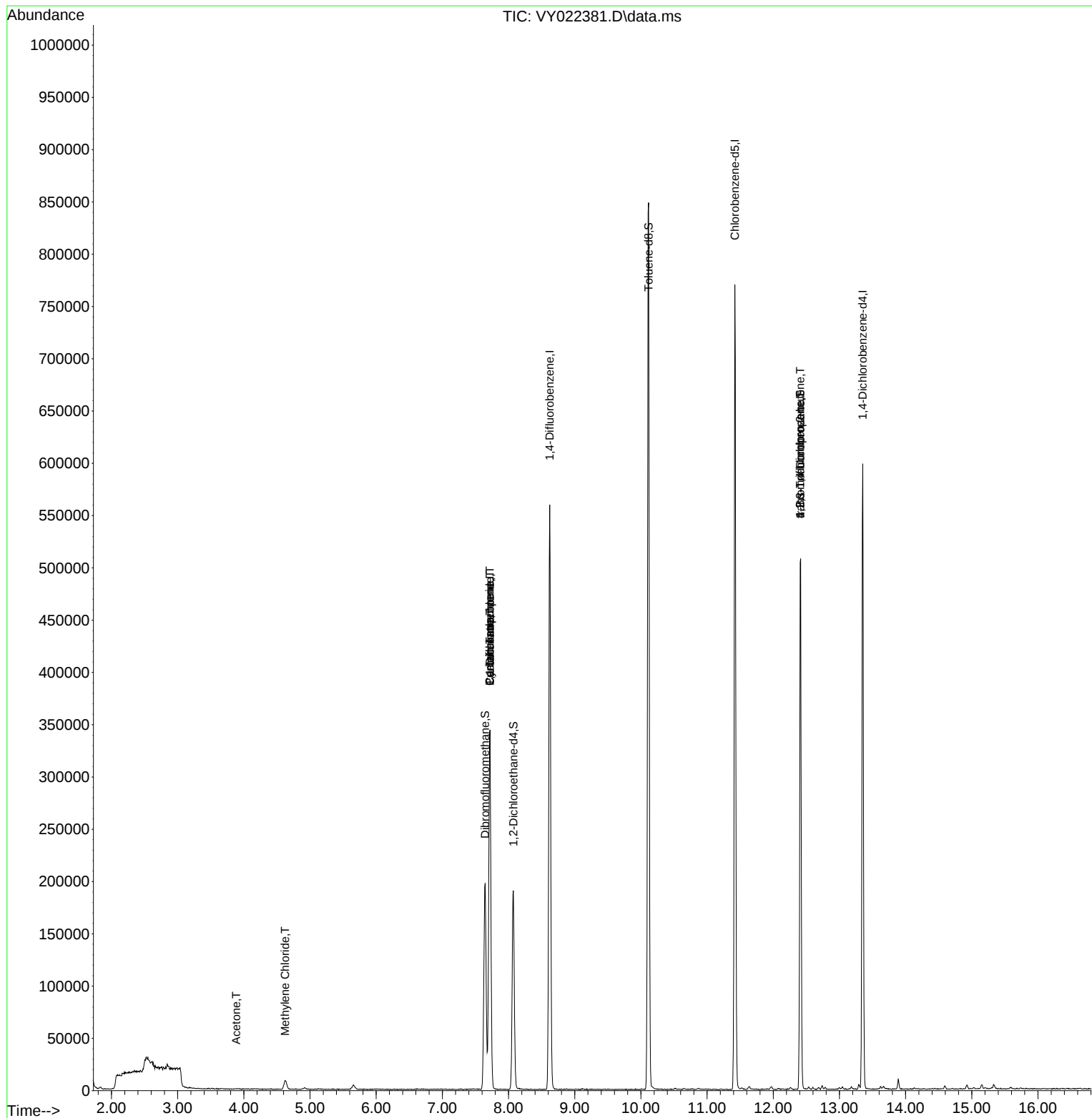
Internal Standards						
1) Pentafluorobenzene	7.719	168	263712	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	465826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	376365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	137350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	140906	48.890	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.646	113	138461	49.800	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.115	98	554254	48.674	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.408	95	142658	39.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.060%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	630	1.166	ug/l #	71
20) Methylene Chloride	4.622	84	6372	1.825	ug/l	89
31) Cyclohexane	7.719	56	7038	1.207	ug/l #	22
36) 1,1-Dichloropropene	7.719	75	22228	4.854	ug/l #	51
38) Carbon Tetrachloride	7.719	117	26517	5.594	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	82101	59.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	82101	119.523	ug/l #	12

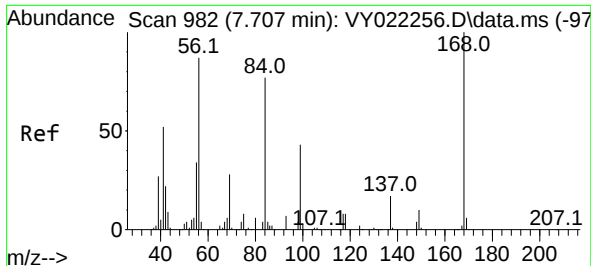
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022381.D
Acq On : 22 May 2025 09:07
Operator : SY/MD
Sample : VY0522SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBL01

Quant Time: May 23 03:31:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
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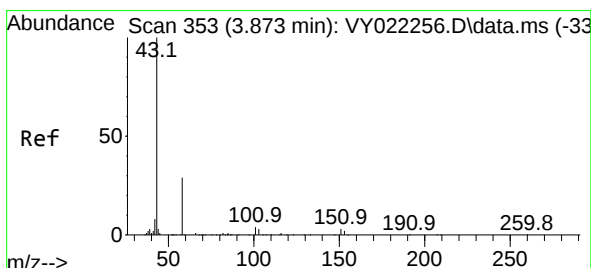
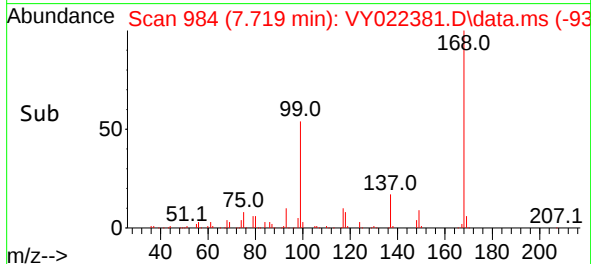
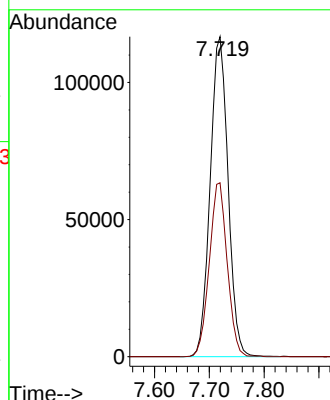
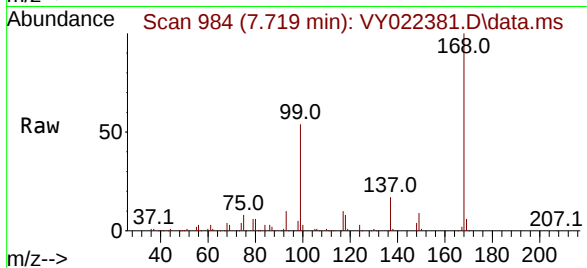




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

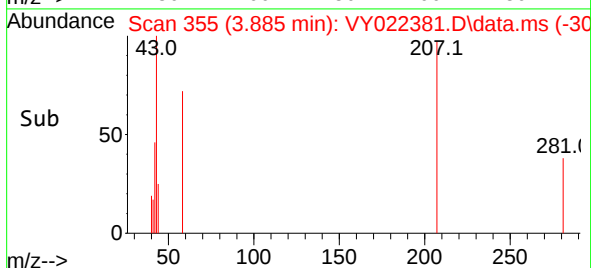
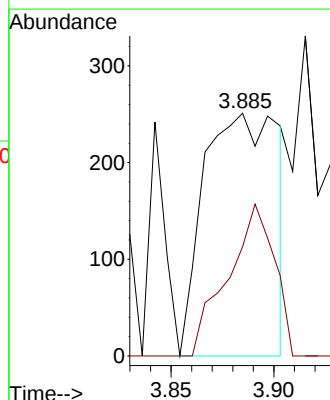
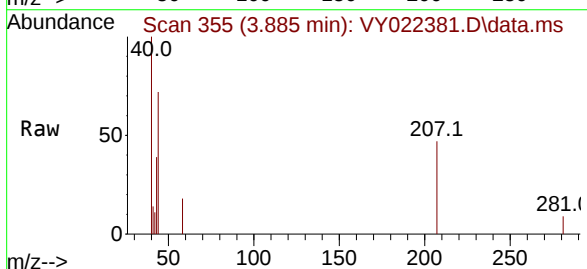
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBL01

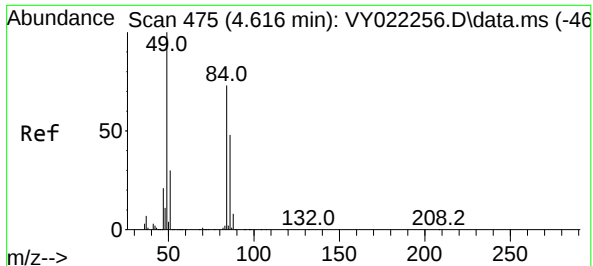
Tgt Ion:168 Resp: 263712
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#16
Acetone
Concen: 1.166 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 45.0 23.6 35.4#





#20

Methylene Chloride

Concen: 1.825 ug/l

RT: 4.622 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBL01

Tgt Ion: 84 Resp: 6372

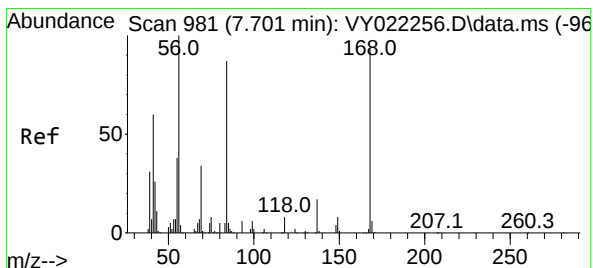
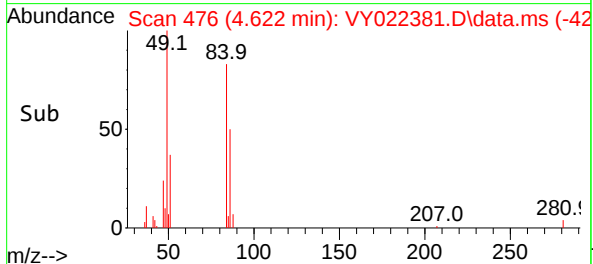
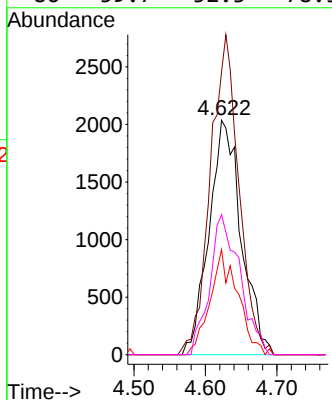
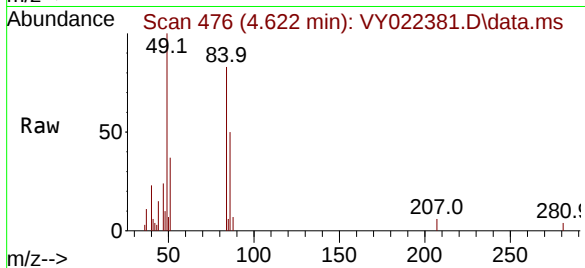
Ion Ratio Lower Upper

84 100

49 120.6 109.6 164.4

51 44.8 32.4 48.6

86 59.7 52.3 78.5



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

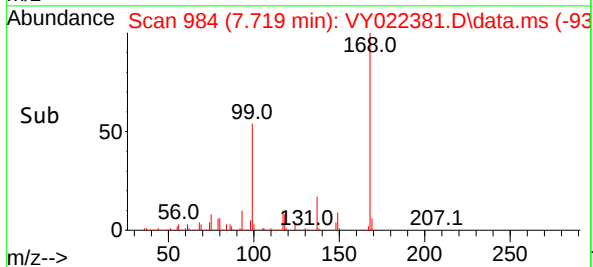
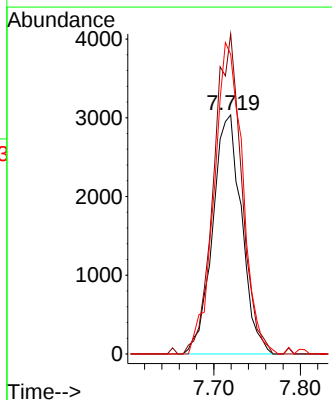
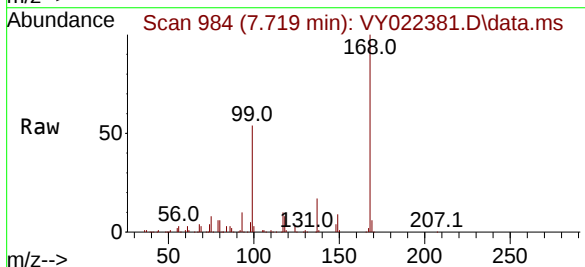
Tgt Ion: 56 Resp: 7038

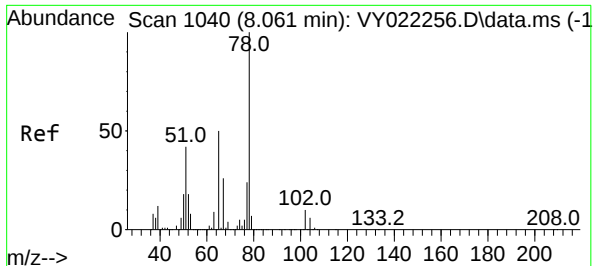
Ion Ratio Lower Upper

56 100

69 133.9 27.4 41.2#

84 125.3 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 48.890 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

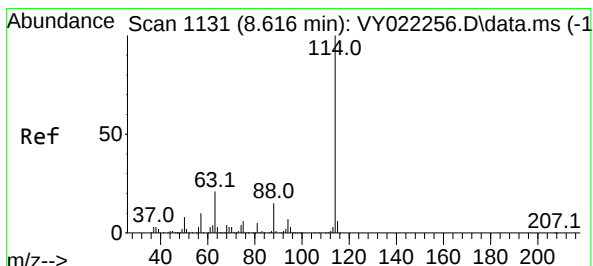
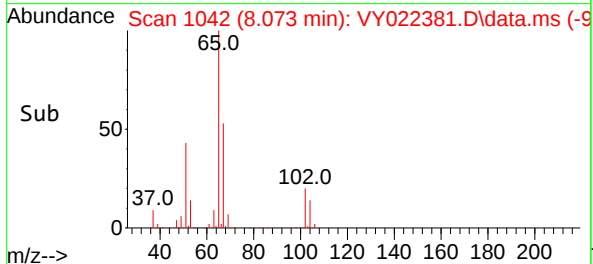
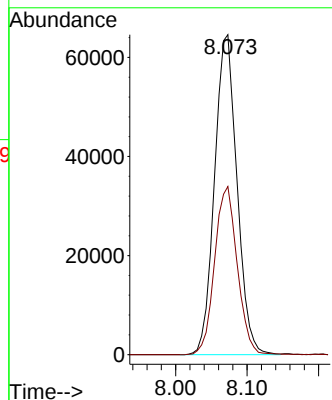
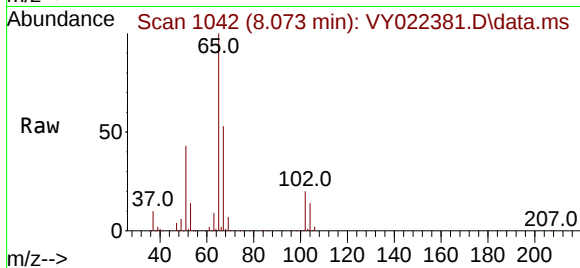
VY0522SBL01

Tgt Ion: 65 Resp: 140906

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

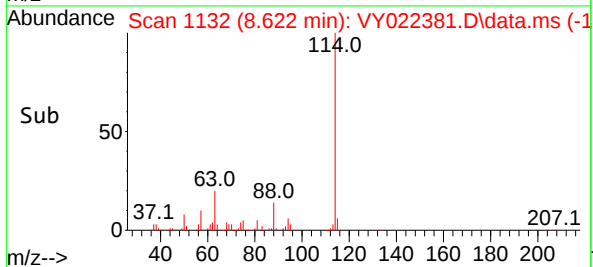
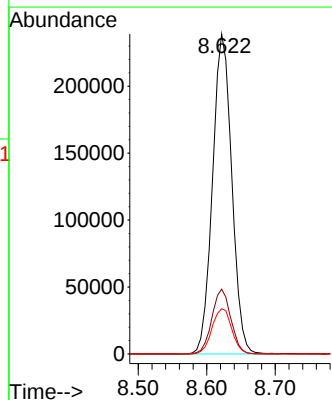
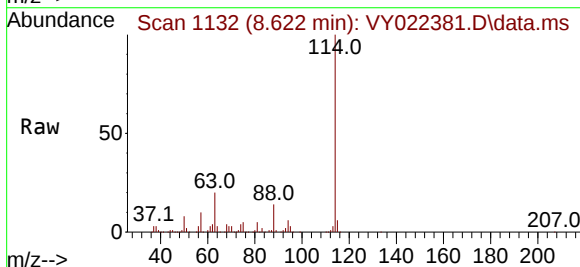
Tgt Ion: 114 Resp: 465826

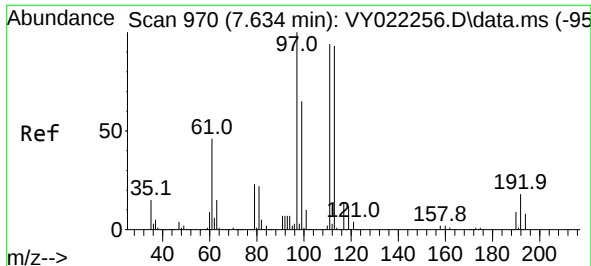
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.800 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBL01

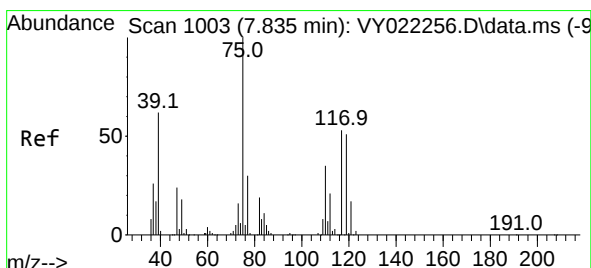
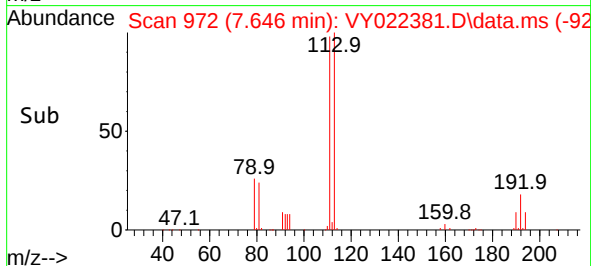
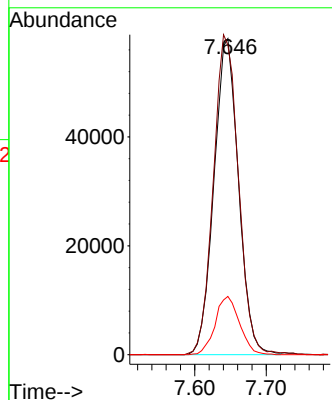
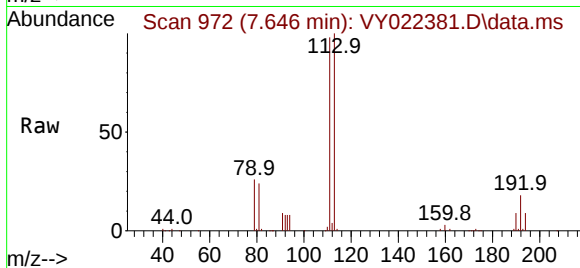
Tgt Ion:113 Resp: 138461

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.116 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

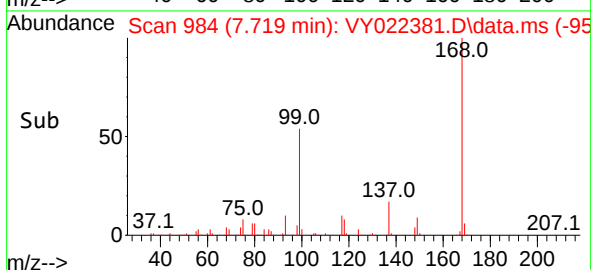
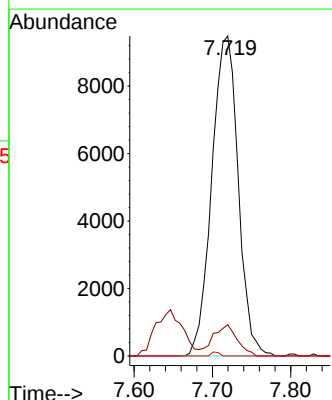
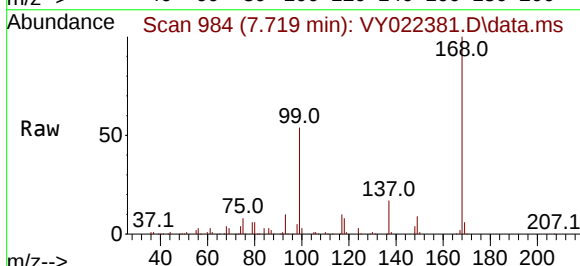
Tgt Ion: 75 Resp: 22228

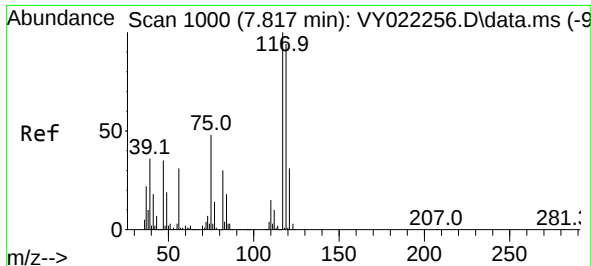
Ion Ratio Lower Upper

75 100

110 8.9 16.6 49.8#

77 0.4 24.6 37.0#

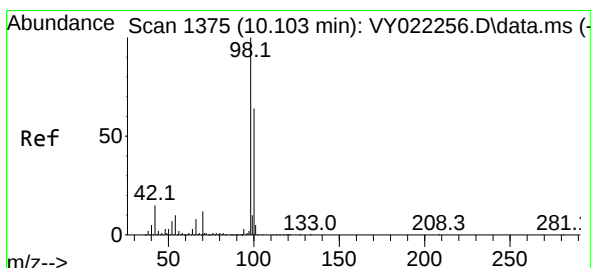
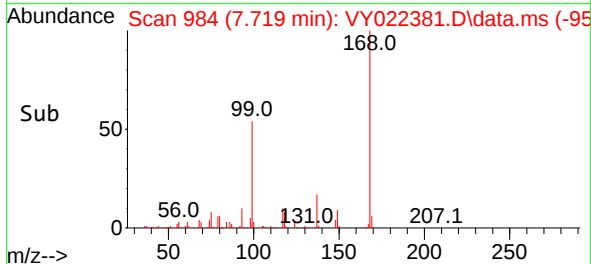
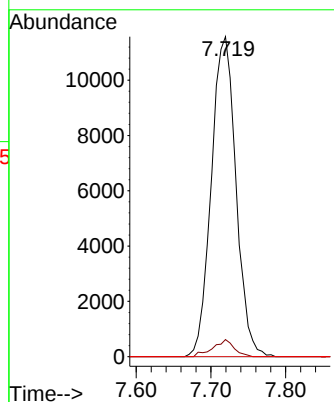
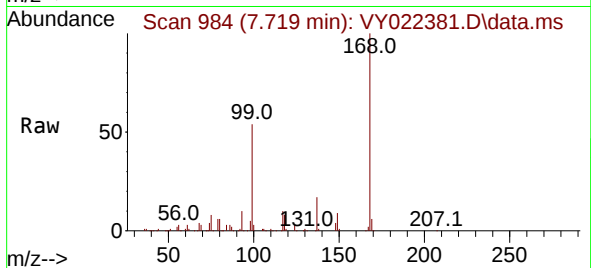




#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

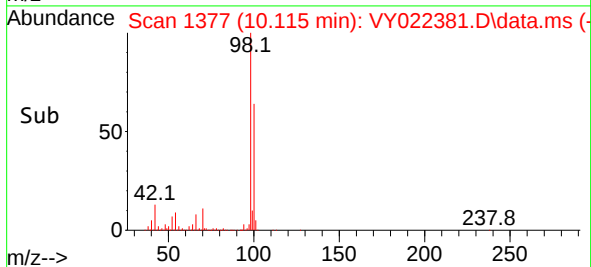
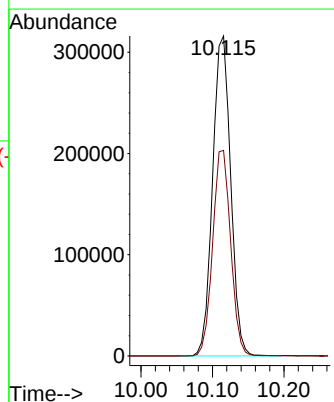
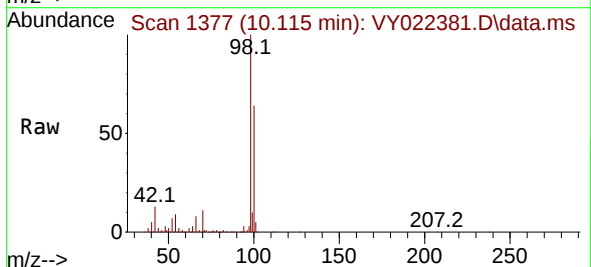
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBL01

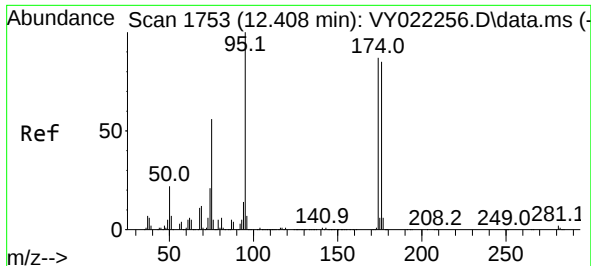
Tgt Ion:117 Resp: 26517
Ion Ratio Lower Upper
117 100
119 5.4 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.674 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

Tgt Ion: 98 Resp: 554254
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8

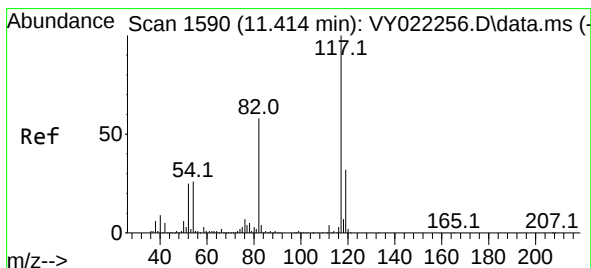
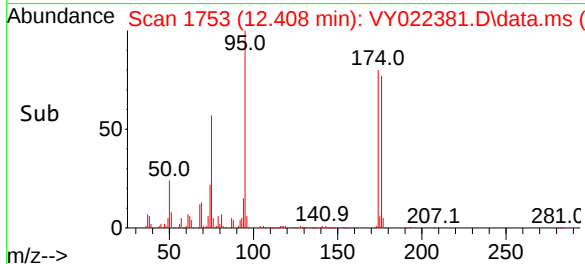
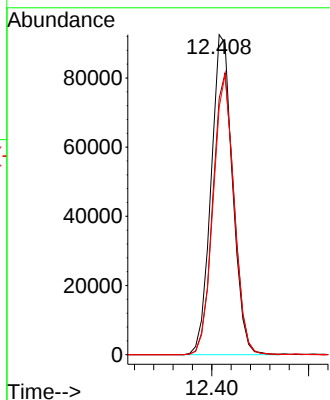
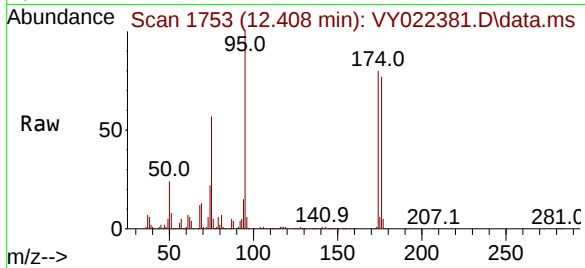




#62
4-Bromofluorobenzene
Concen: 39.525 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

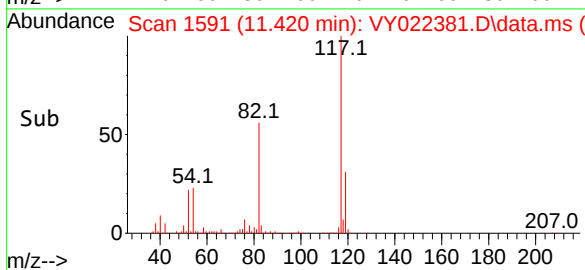
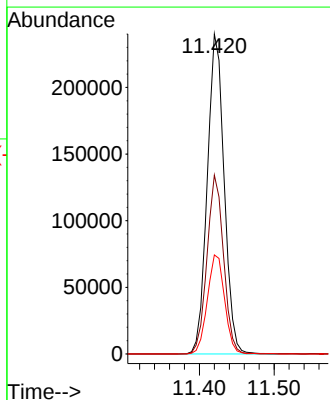
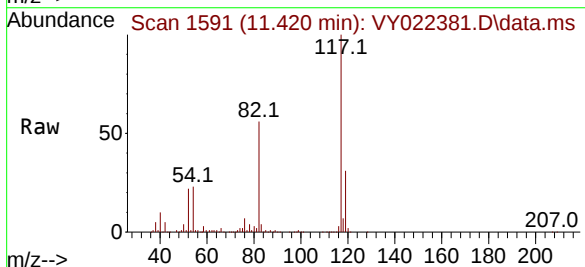
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VY0522SBL01

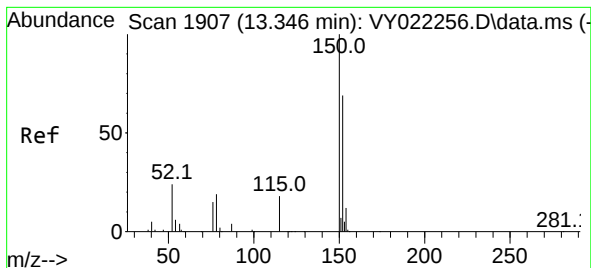
Tgt Ion: 95 Resp: 142658
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.8
176 85.2 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022381.D
Acq: 22 May 2025 09:07

Tgt Ion: 117 Resp: 376365
Ion Ratio Lower Upper
117 100
82 55.9 46.6 70.0
119 31.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY022381.D

Acq: 22 May 2025 09:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBL01

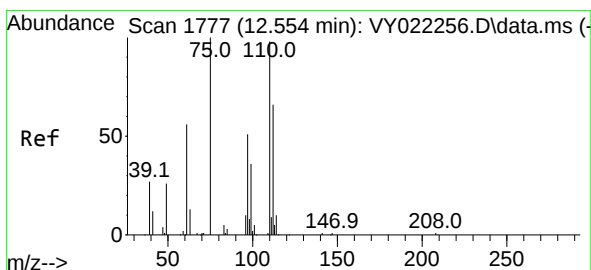
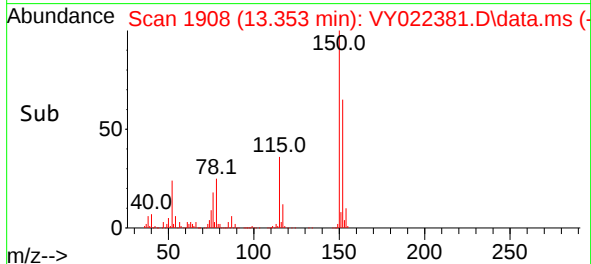
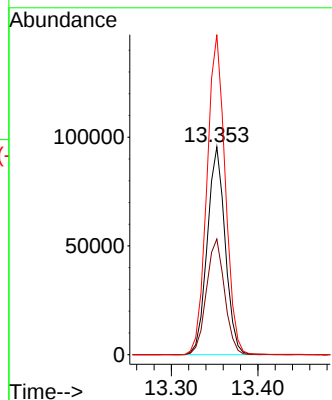
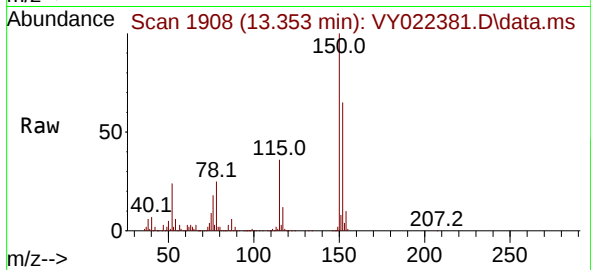
Tgt Ion:152 Resp: 137350

Ion Ratio Lower Upper

152 100

115 56.5 29.4 88.2

150 157.1 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 59.002 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022381.D

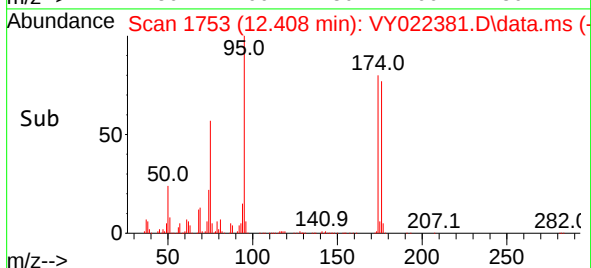
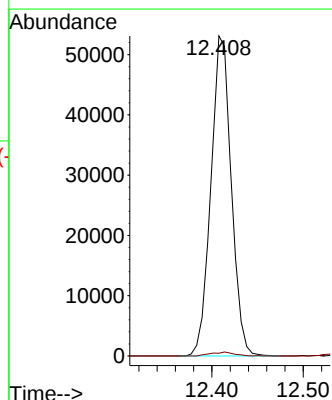
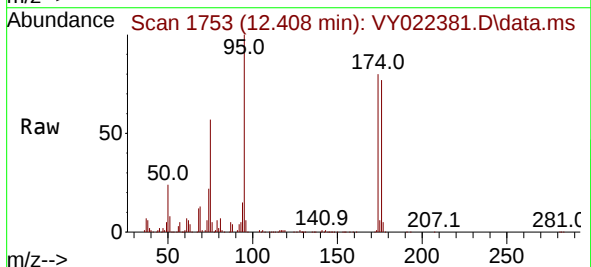
Acq: 22 May 2025 09:07

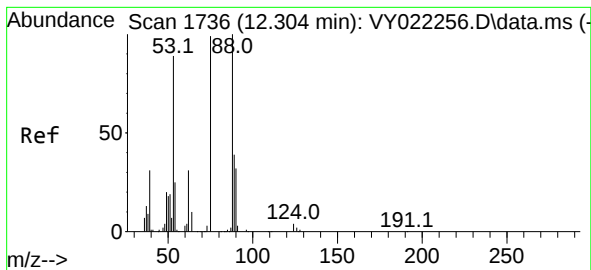
Tgt Ion: 75 Resp: 82101

Ion Ratio Lower Upper

75 100

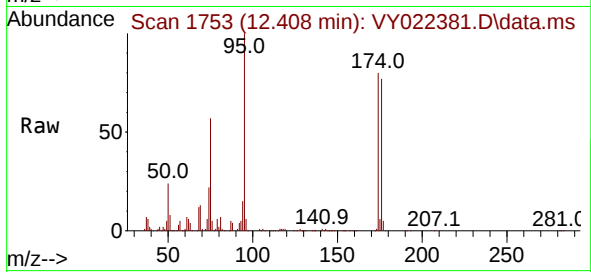
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.523 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022381.D
 Acq: 22 May 2025 09:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBL01



Tgt Ion: 75 Resp: 82101
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 36.2 54.2#

