

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023283.D
 Acq On : 04 Sep 2025 12:45
 Operator : SY/MD
 Sample : Q3011-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 05 04:24:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

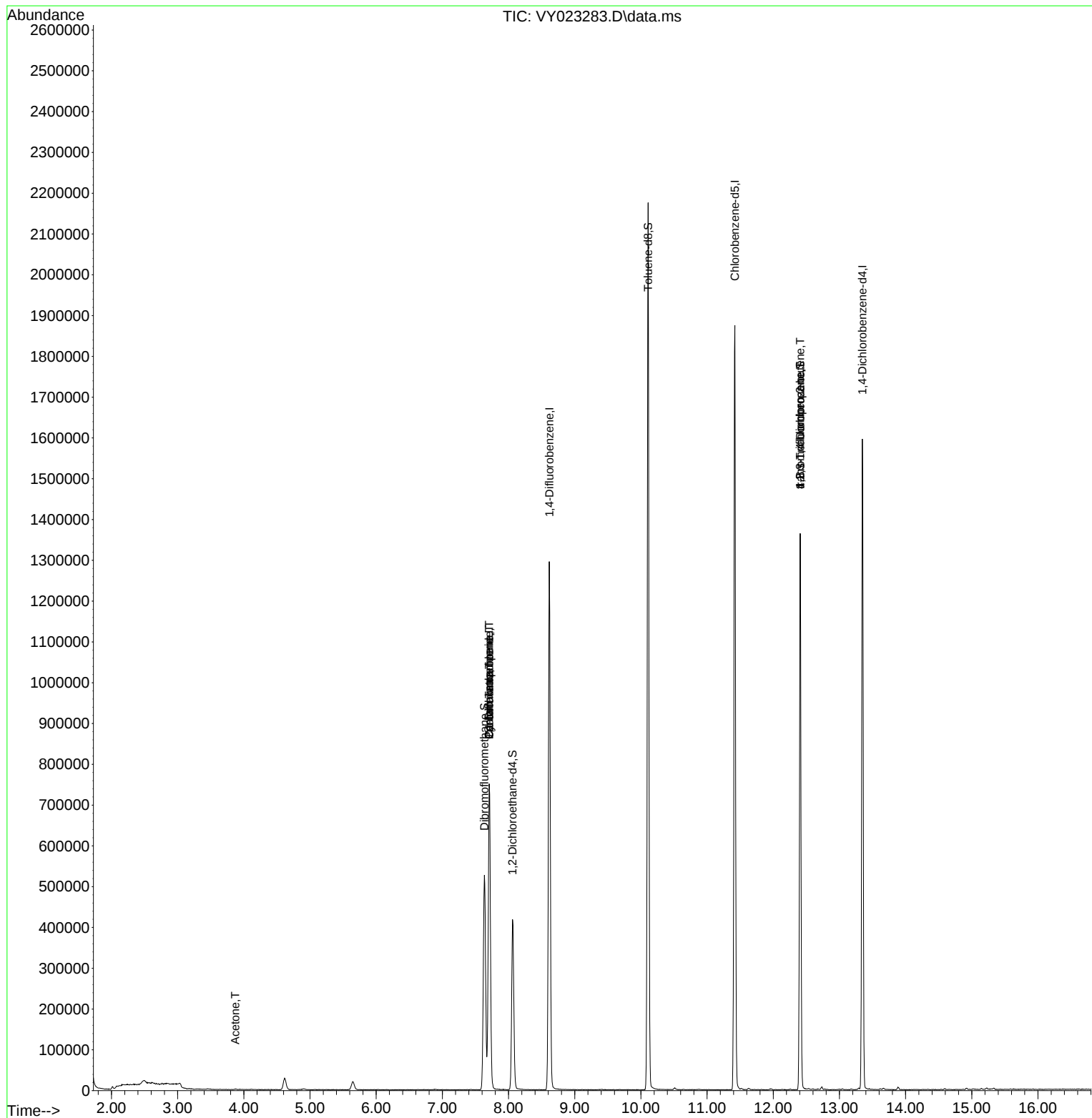
Internal Standards						
1) Pentafluorobenzene	7.707	168	610249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1163003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1050657	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	420392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	327583	56.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.640%
35) Dibromofluoromethane	7.634	113	383350	55.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.109	98	1392050	51.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.407	95	409733	46.864	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.720%
Target Compounds						
16) Acetone	3.872	43	1912	1.517	ug/l	99
31) Cyclohexane	7.707	56	11221	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	43642	4.220	ug/l #	50
38) Carbon Tetrachloride	7.707	117	58294	5.190	ug/l #	17
76) 1,2,3-Trichloropropane	12.407	75	205057	50.541	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	205057	122.344	ug/l #	14

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
Data File : VY023283.D
Acq On : 04 Sep 2025 12:45
Operator : SY/MD
Sample : Q3011-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 05 04:24:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

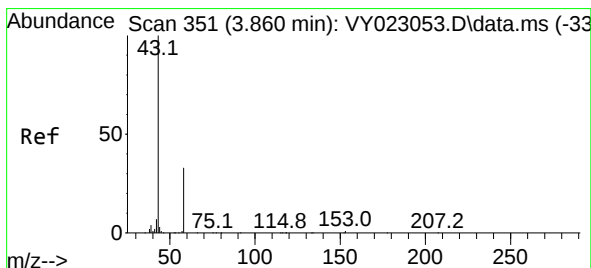
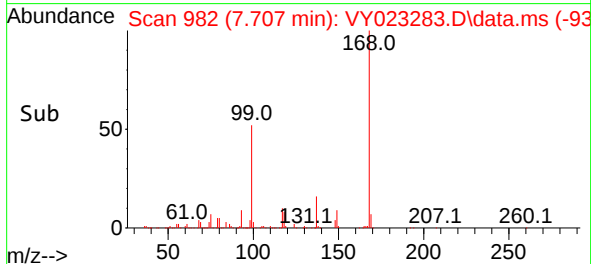
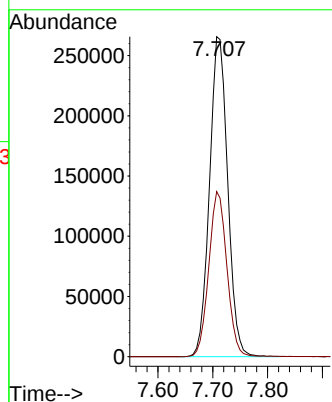
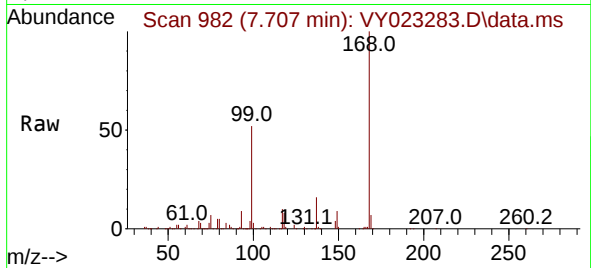




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

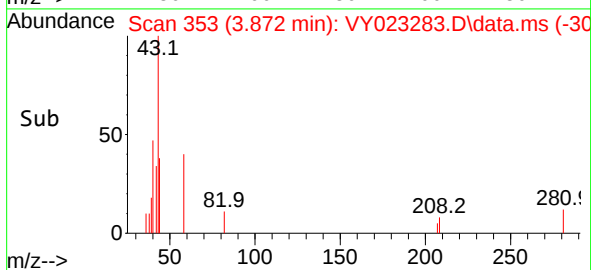
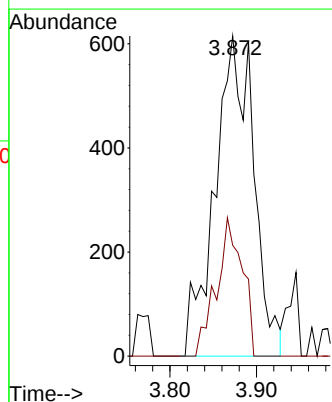
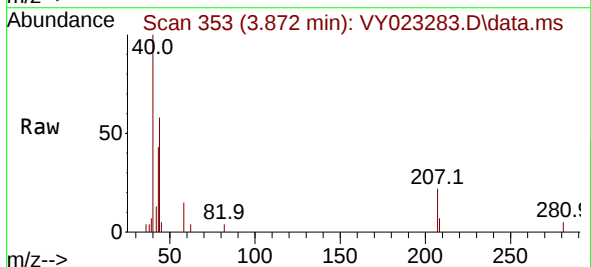
Instrument :
MSVOA_Y
ClientSampleId :

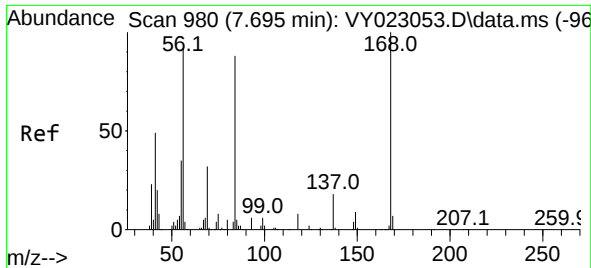
Tgt Ion:168 Resp: 610249
Ion Ratio Lower Upper
168 100
99 51.6 42.8 64.2



#16
Acetone
Concen: 1.517 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

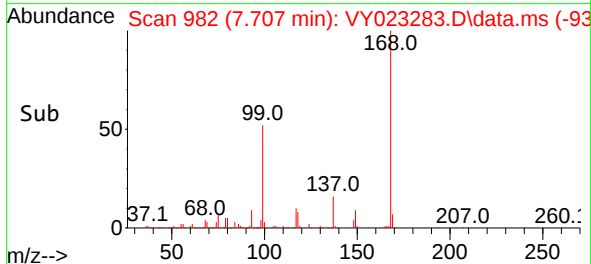
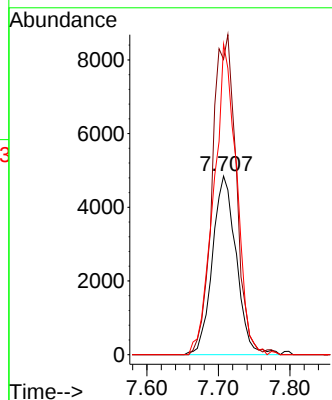
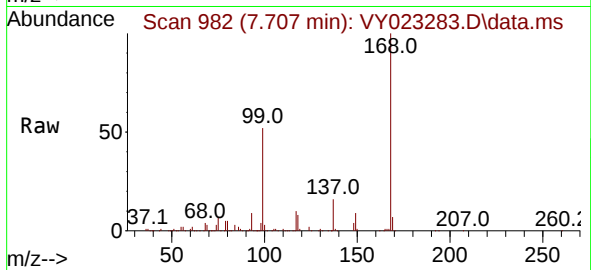




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

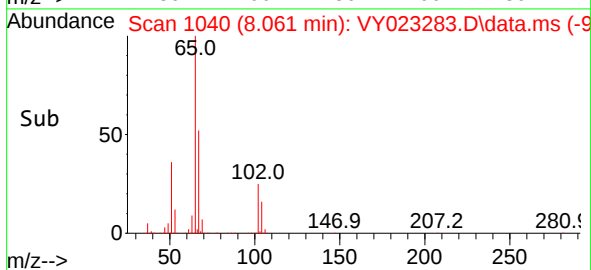
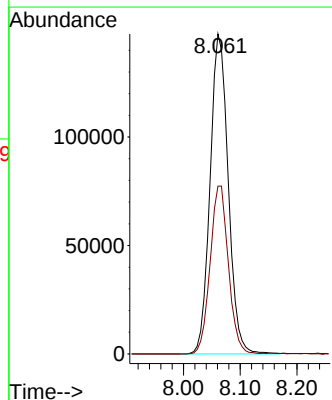
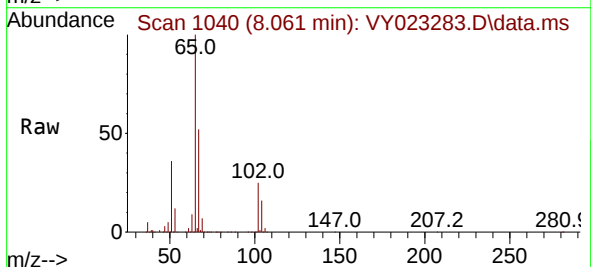
Instrument :
MSVOA_Y
ClientSampleId :

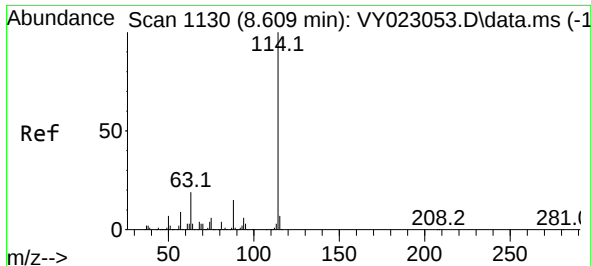
Tgt Ion: 56 Resp: 11221
Ion Ratio Lower Upper
56 100
69 165.3 28.2 42.2#
84 173.9 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 56.324 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

Tgt Ion: 65 Resp: 327583
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

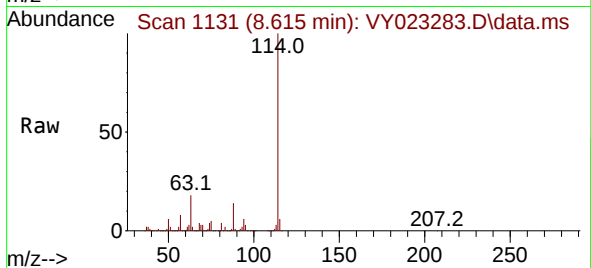
Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :



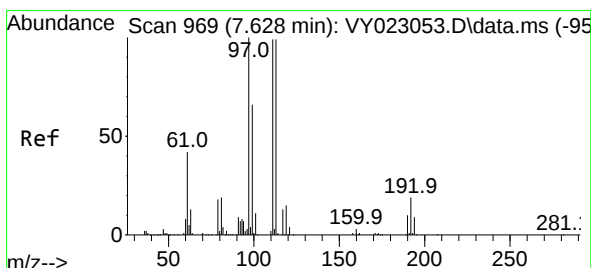
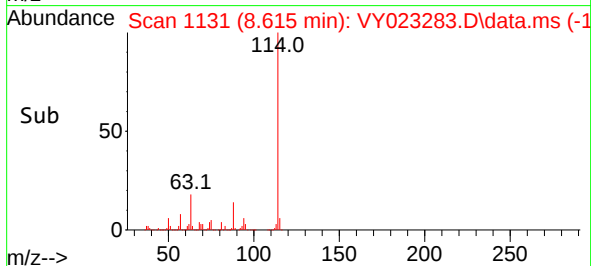
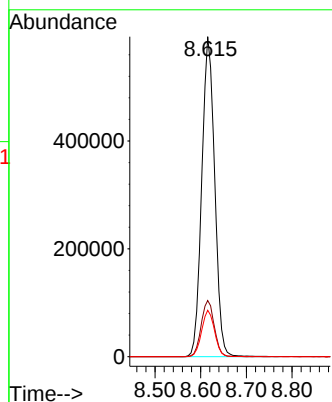
Tgt Ion:114 Resp: 1163003

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.087 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

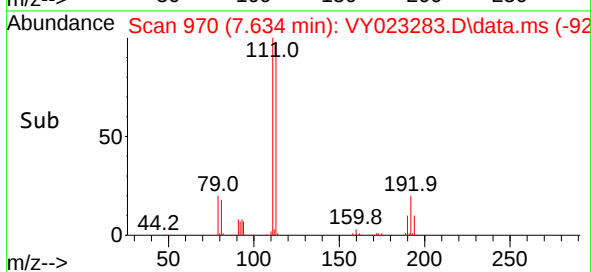
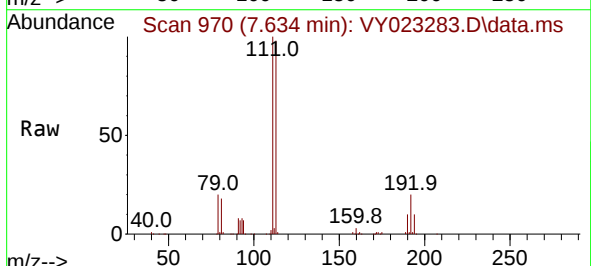
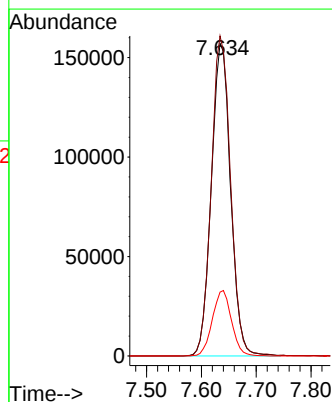
Tgt Ion:113 Resp: 383350

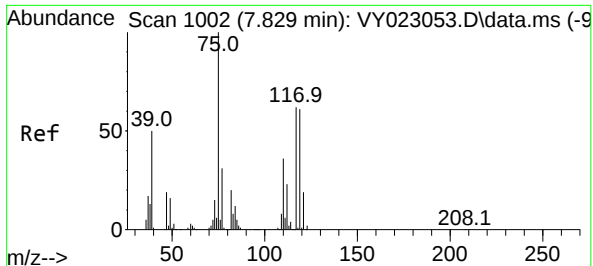
Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 20.9 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.220 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

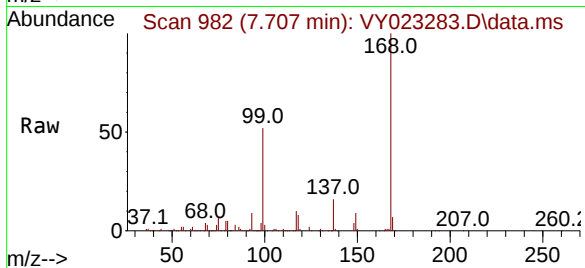
Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :



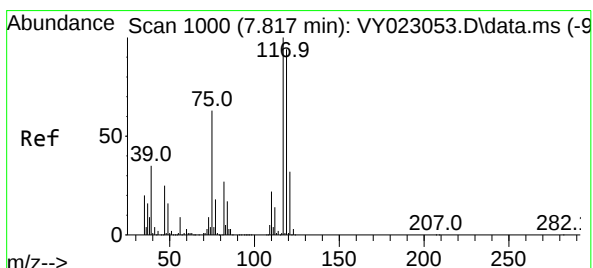
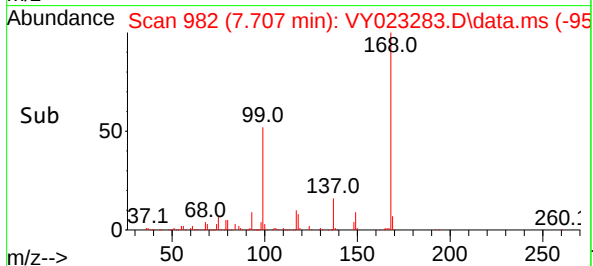
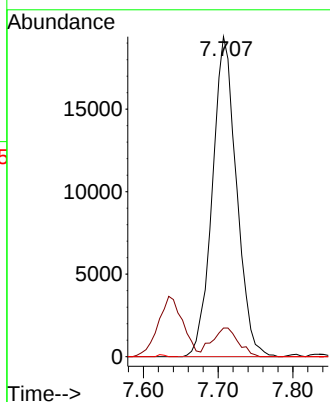
Tgt Ion: 75 Resp: 43642

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.190 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

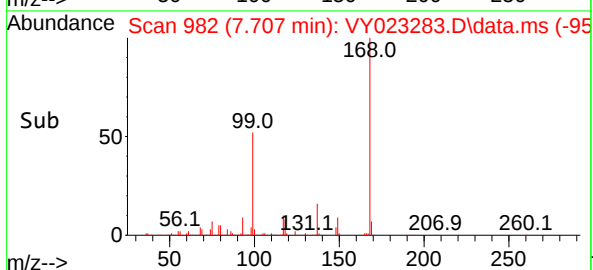
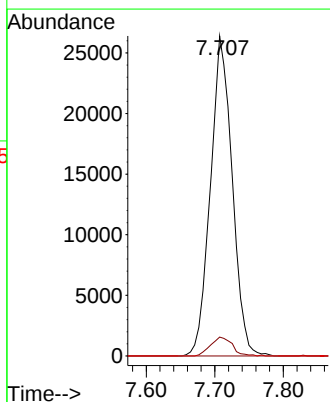
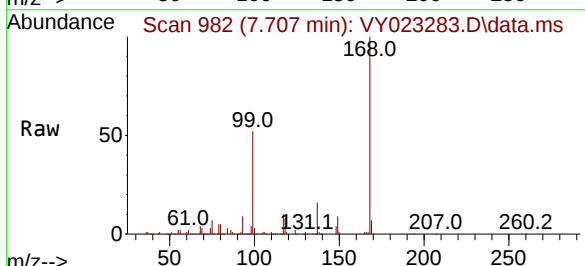
Tgt Ion: 117 Resp: 58294

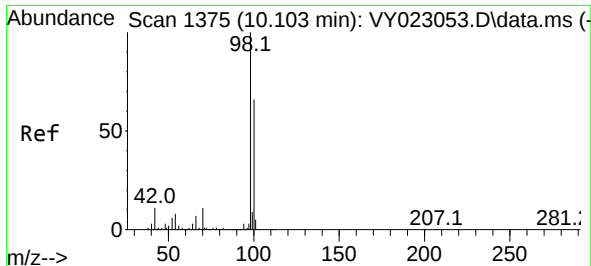
Ion Ratio Lower Upper

117 100

119 5.9 75.6 113.4#

121 0.0 25.8 38.8#

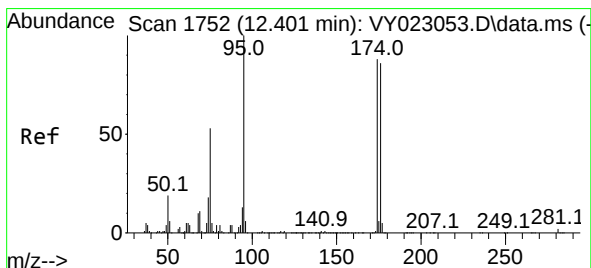
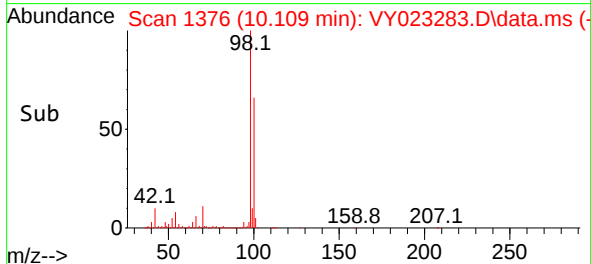
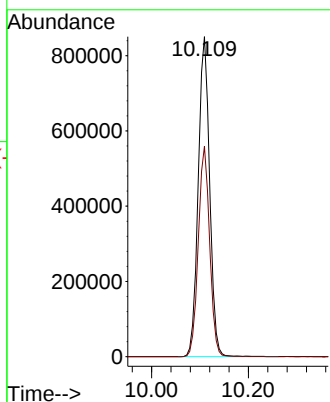
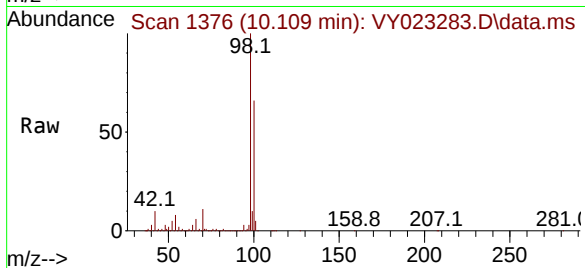




#50
Toluene-d8
Concen: 51.205 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

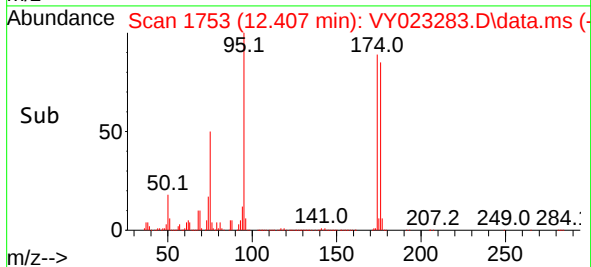
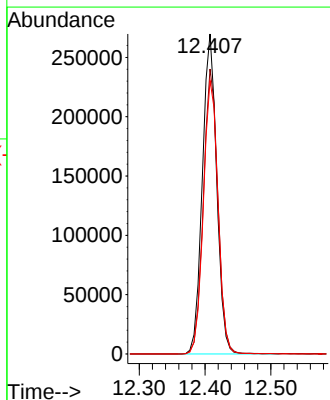
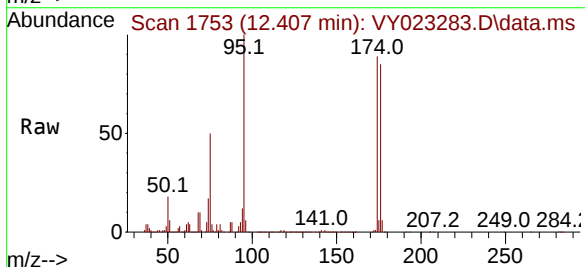
Instrument :
MSVOA_Y
ClientSampleId :

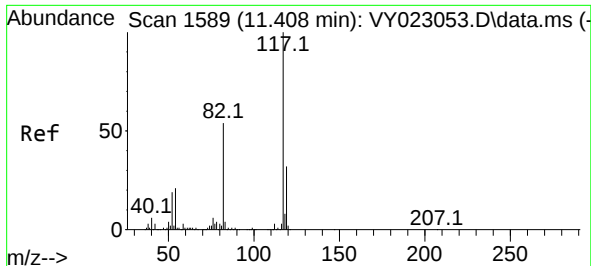
Tgt Ion: 98 Resp: 1392050
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.864 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

Tgt Ion: 95 Resp: 409733
Ion Ratio Lower Upper
95 100
174 90.1 0.0 171.6
176 87.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

Instrument :

MSVOA_Y

ClientSampleId :

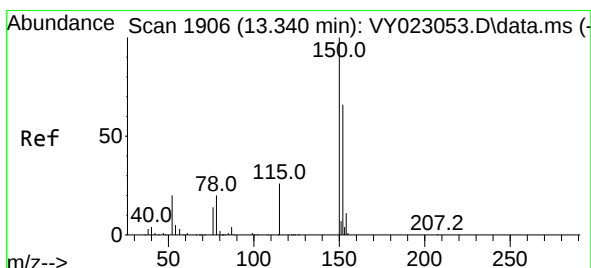
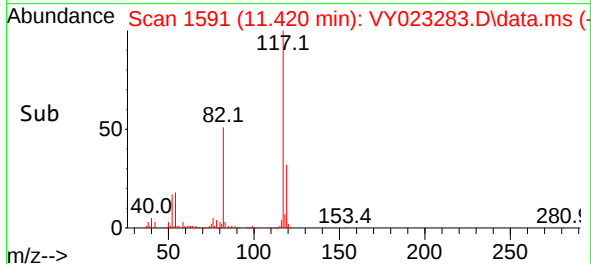
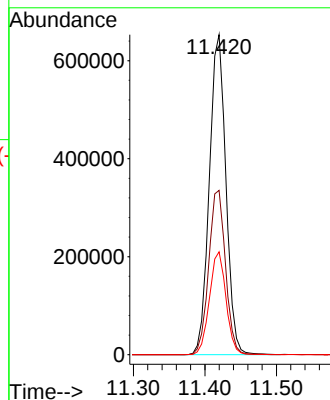
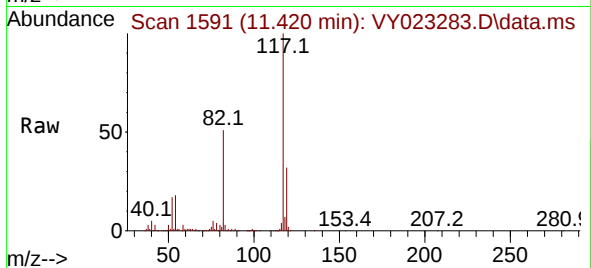
Tgt Ion:117 Resp: 1050657

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 32.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023283.D

Acq: 04 Sep 2025 12:45

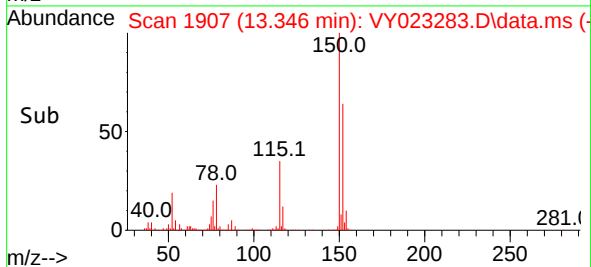
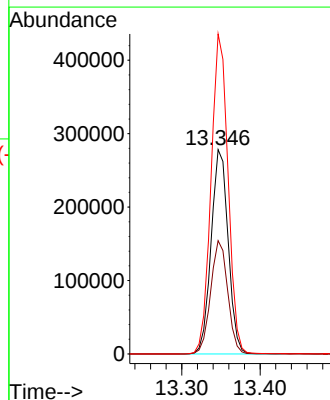
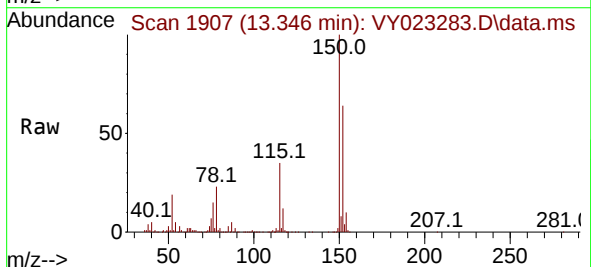
Tgt Ion:152 Resp: 420392

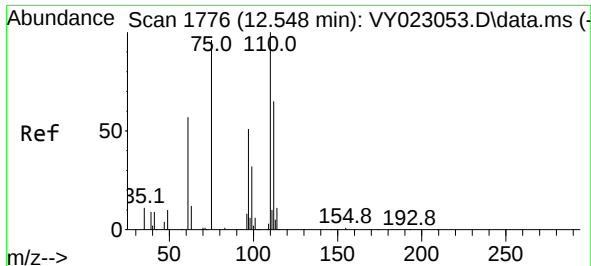
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 155.9 0.0 348.0

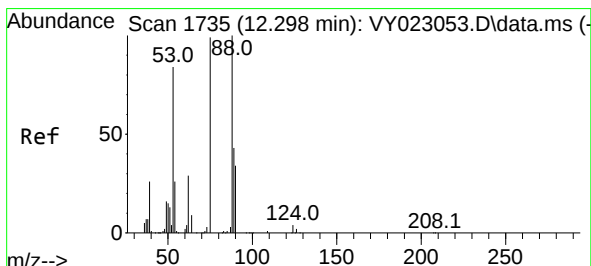
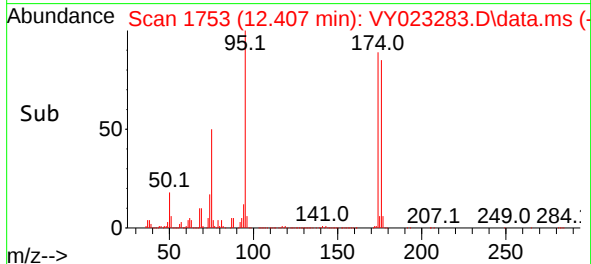
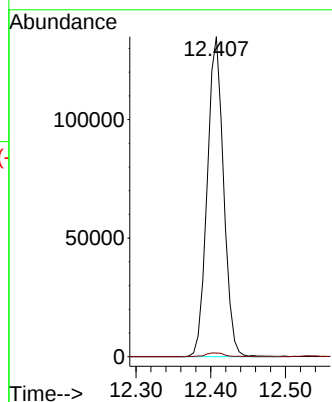
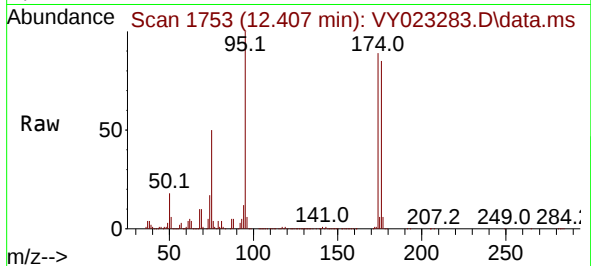




#76
1,2,3-Trichloropropane
Concen: 50.541 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.140 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 205057
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.344 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023283.D
Acq: 04 Sep 2025 12:45

Tgt Ion: 75 Resp: 205057
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.0 38.1 57.1#

