

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022200.D
 Acq On : 08 May 2025 09:51
 Operator : SY/MD
 Sample : VY0508SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Quant Time: May 09 05:05:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

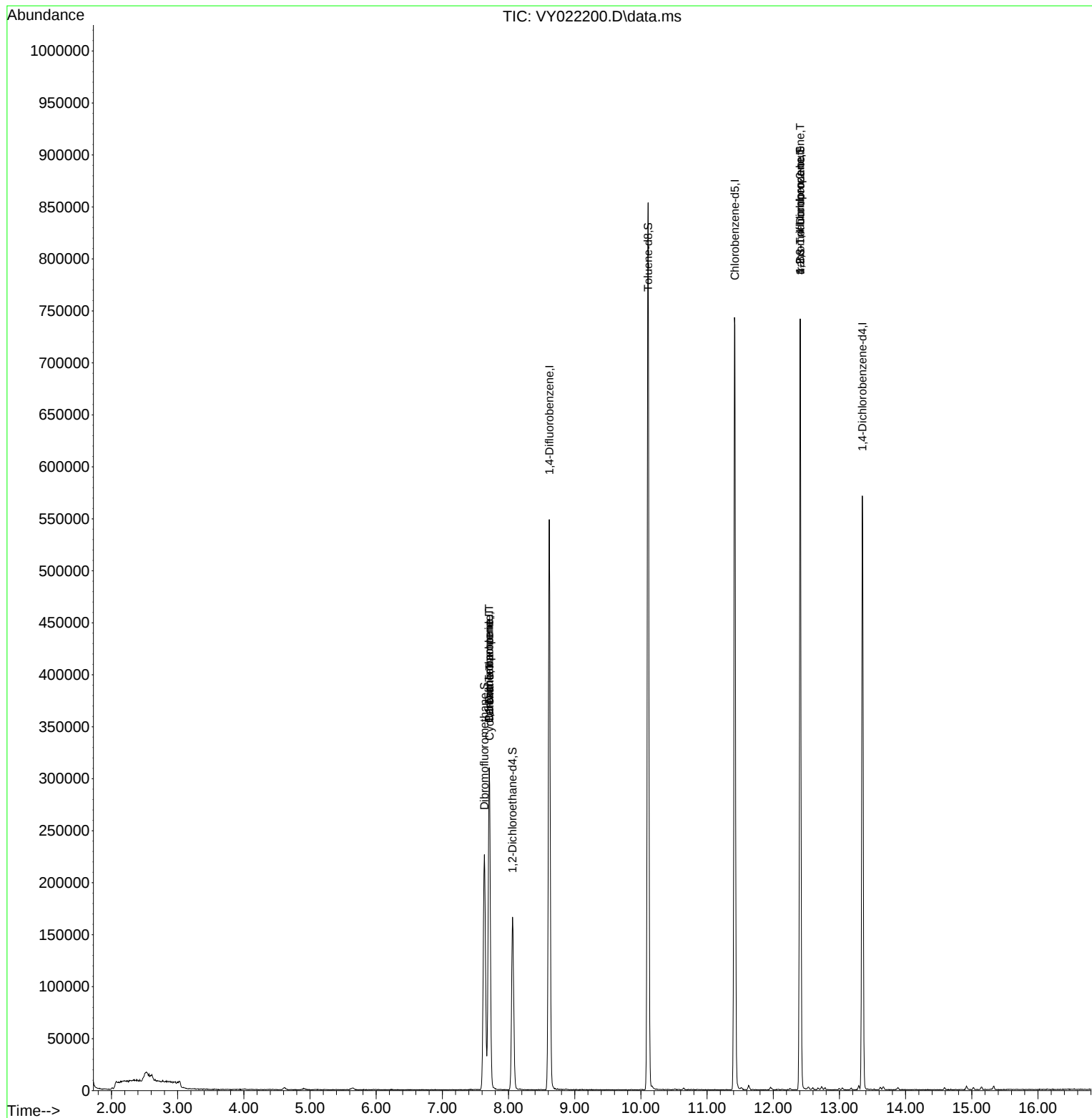
Internal Standards						
1) Pentafluorobenzene	7.707	168	240953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	470734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	417752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130951	58.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.680%	
35) Dibromofluoromethane	7.634	113	164955	53.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.109	98	567636	48.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	12.408	95	220686	55.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.820%	
Target Compounds						Qvalue
16) Acetone	3.879	43	230	Below Cal	#	41
31) Cyclohexane	7.713	56	4886	1.328	ug/l #	21
36) 1,1-Dichloropropene	7.707	75	18152	4.345	ug/l #	48
38) Carbon Tetrachloride	7.707	117	23927	4.793	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	109126	85.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	109126	205.427	ug/l #	16

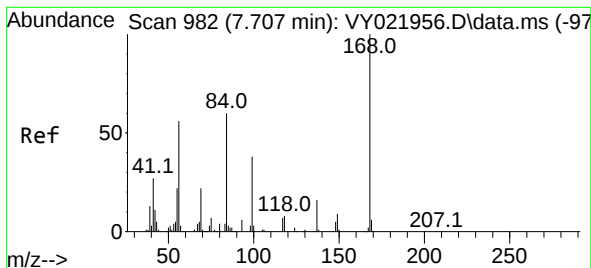
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
Data File : VY022200.D
Acq On : 08 May 2025 09:51
Operator : SY/MD
Sample : VY0508SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

Quant Time: May 09 05:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022200.D

Acq: 08 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

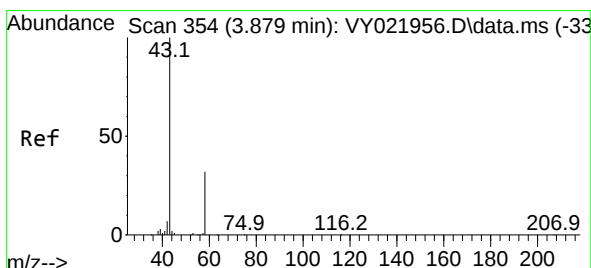
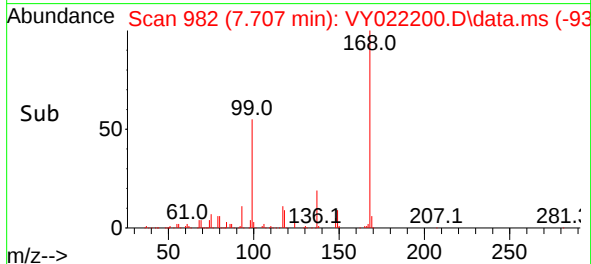
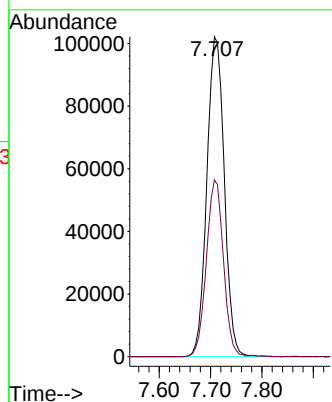
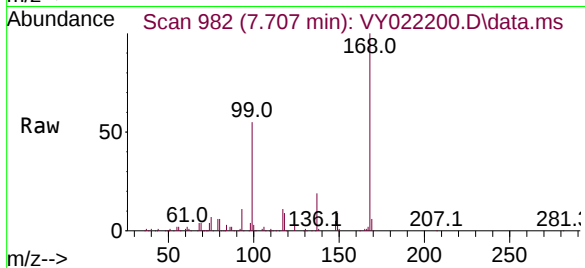
VY0508SBL01

Tgt Ion:168 Resp: 240953

Ion Ratio Lower Upper

168 100

99 55.2 43.1 64.7



#16

Acetone

Concen: Below Cal

RT: 3.879 min Scan# 354

Delta R.T. -0.000 min

Lab File: VY022200.D

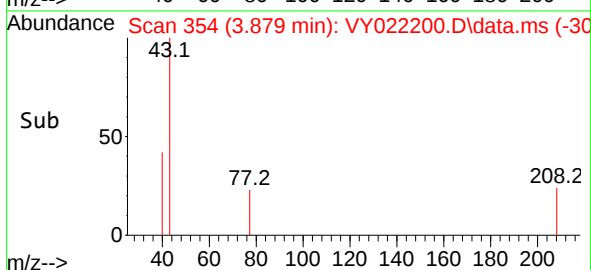
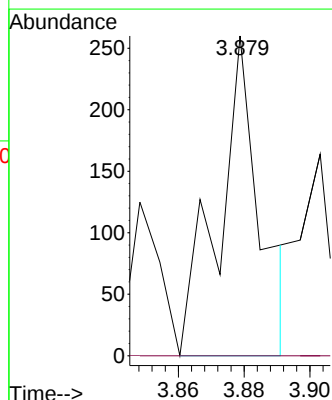
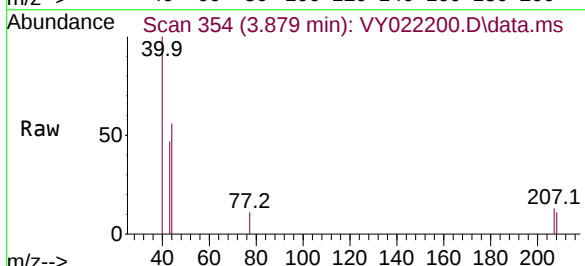
Acq: 08 May 2025 09:51

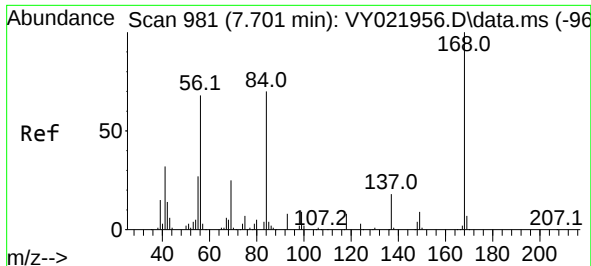
Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#

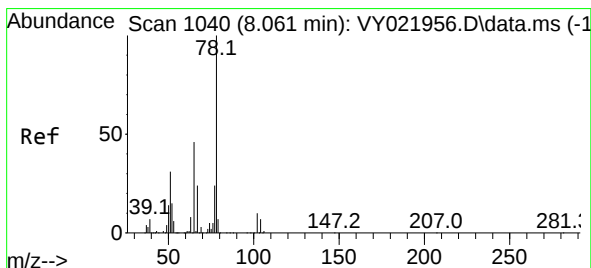
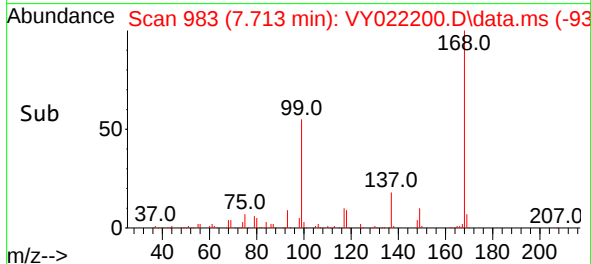
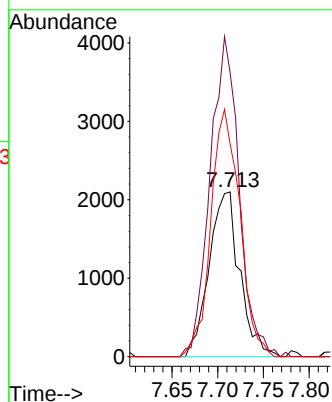
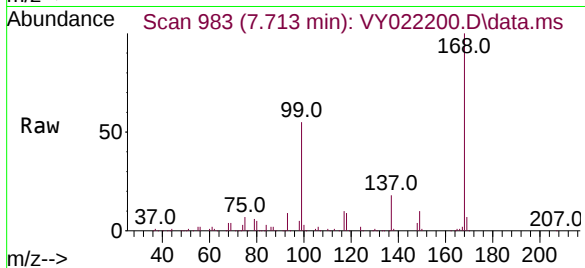




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

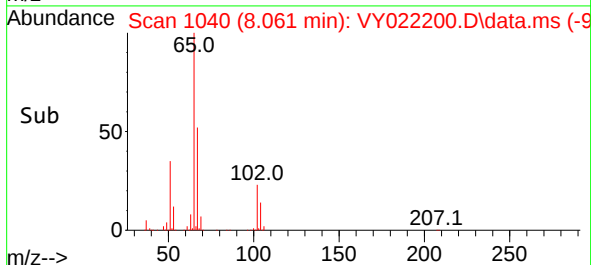
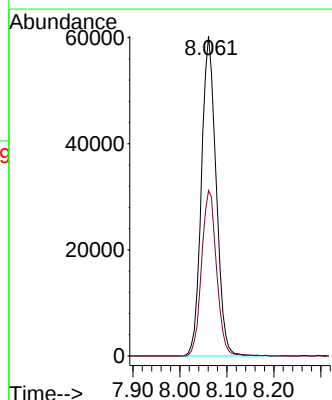
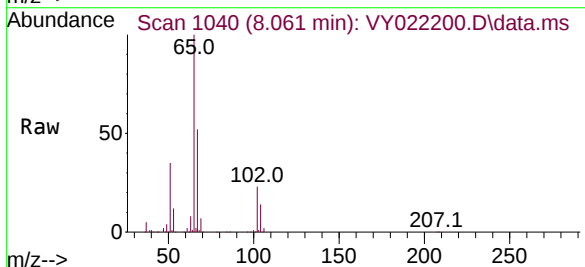
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

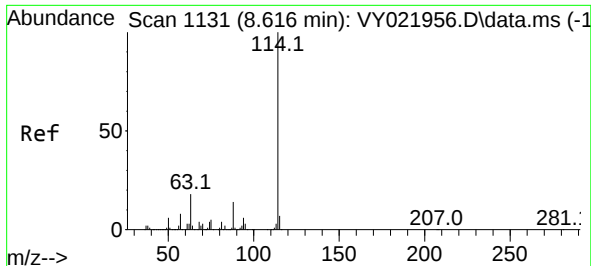
Tgt Ion: 56 Resp: 4886
Ion Ratio Lower Upper
56 100
69 172.4 29.4 44.2#
84 129.1 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 58.837 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

Tgt Ion: 65 Resp: 130951
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

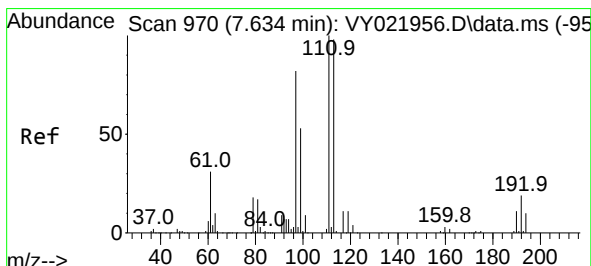
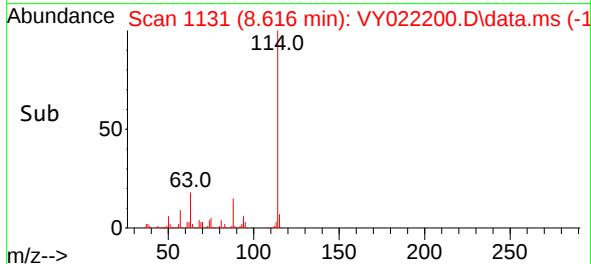
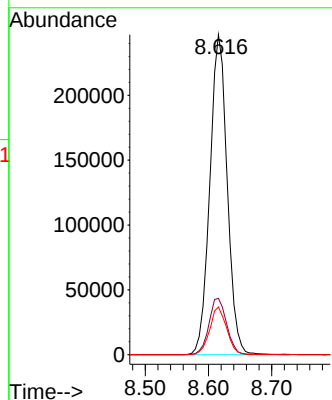
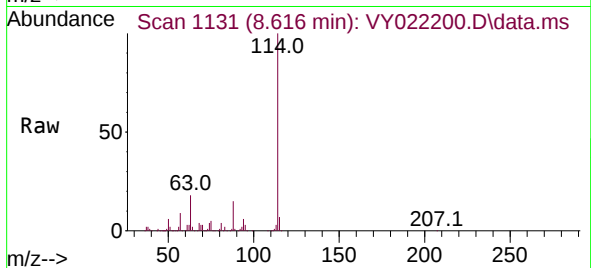




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

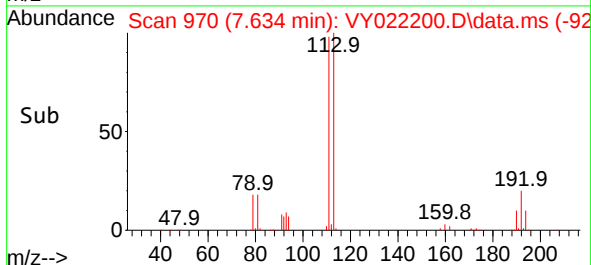
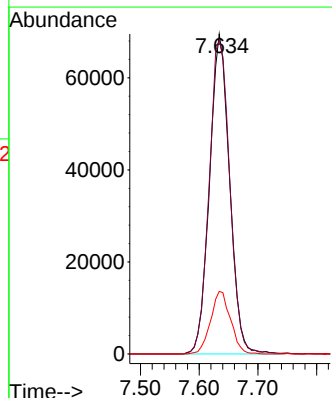
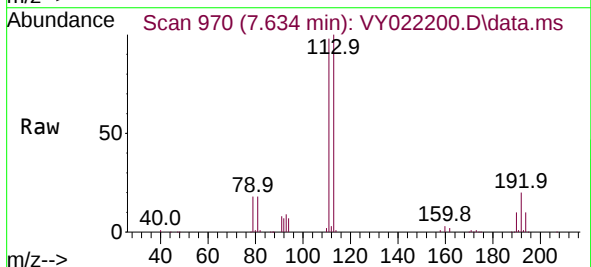
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

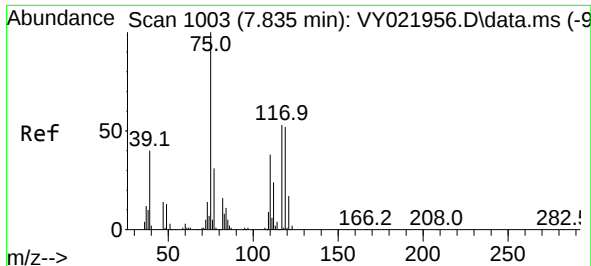
Tgt Ion:114 Resp: 470734
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.4
88 14.9 0.0 28.2



#35
Dibromofluoromethane
Concen: 53.042 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

Tgt Ion:113 Resp: 164955
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 19.4 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.345 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY022200.D

Acq: 08 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBL01

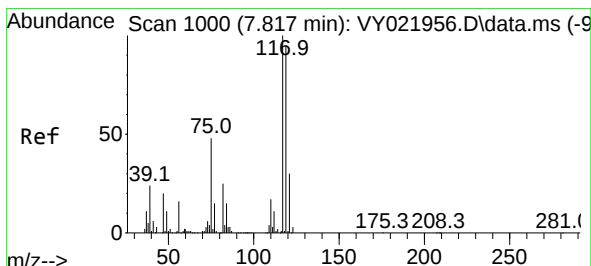
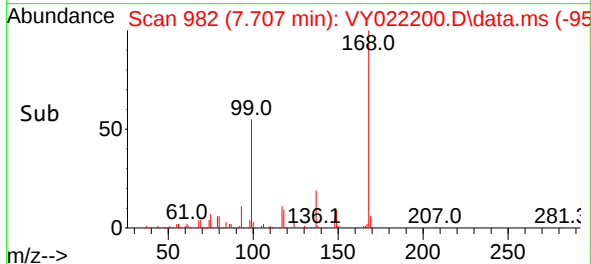
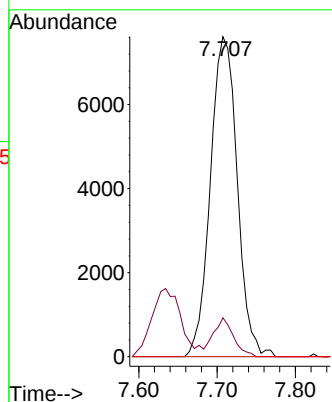
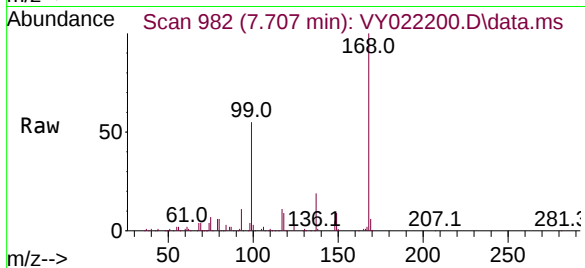
Tgt Ion: 75 Resp: 18152

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 4.793 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022200.D

Acq: 08 May 2025 09:51

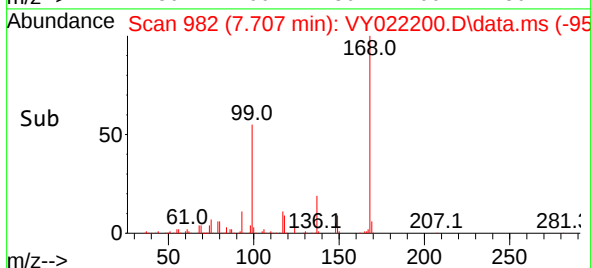
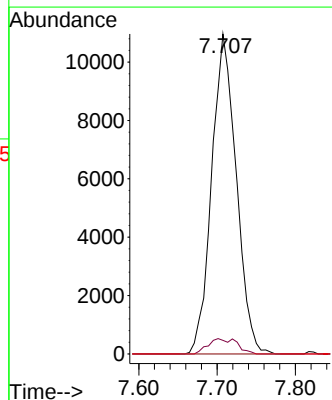
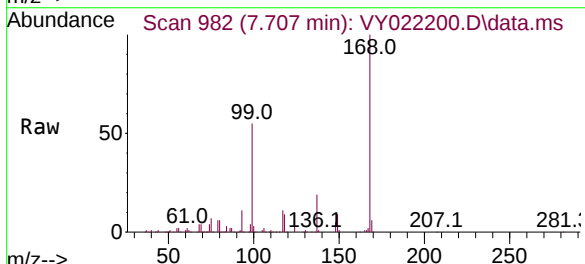
Tgt Ion: 117 Resp: 23927

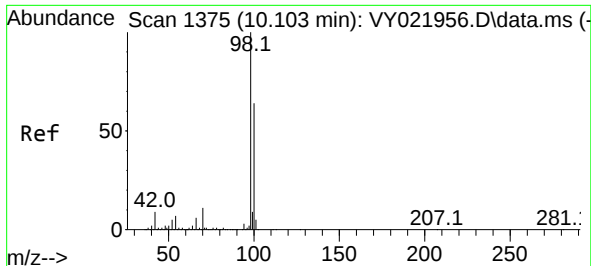
Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.4#

121 0.0 24.0 36.0#

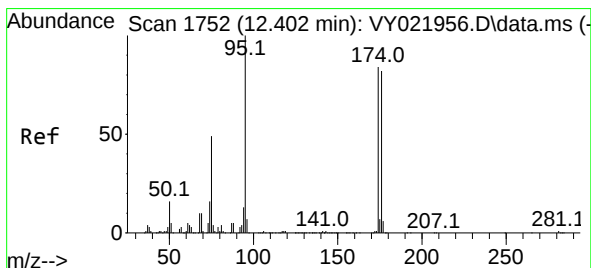
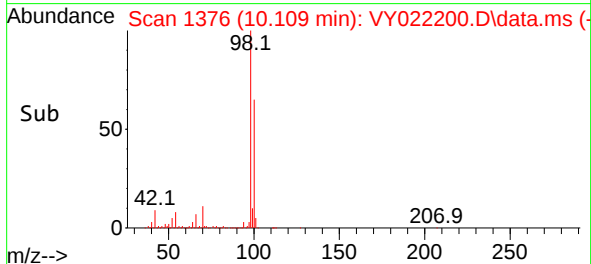
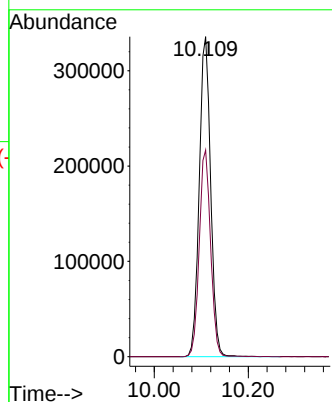
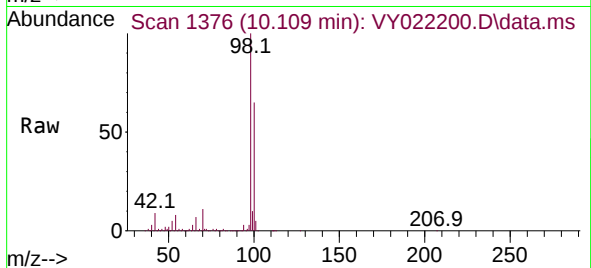




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

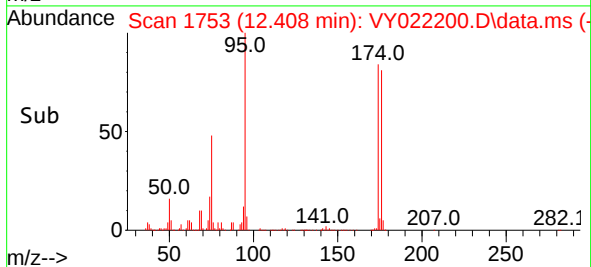
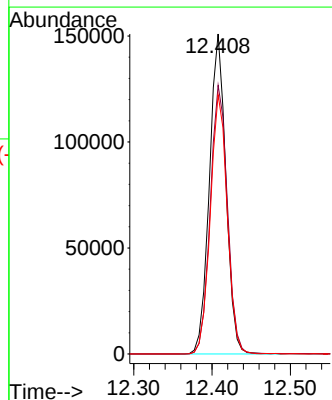
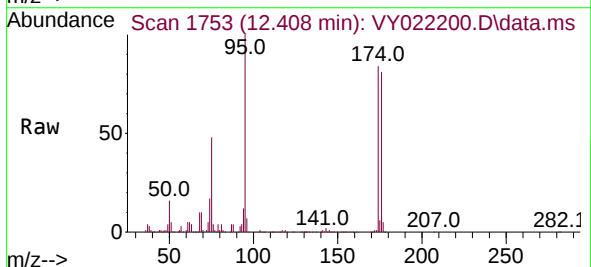
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

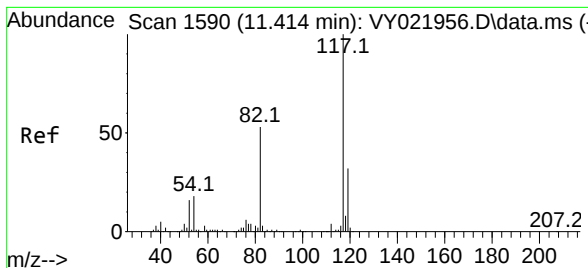
Tgt Ion: 98 Resp: 567636
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 55.914 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

Tgt Ion: 95 Resp: 220686
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 82.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022200.D

Acq: 08 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBL01

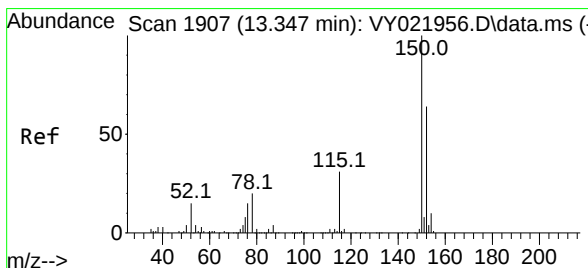
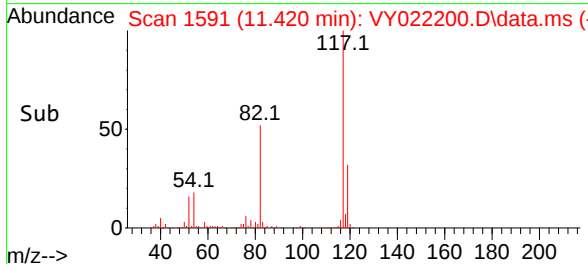
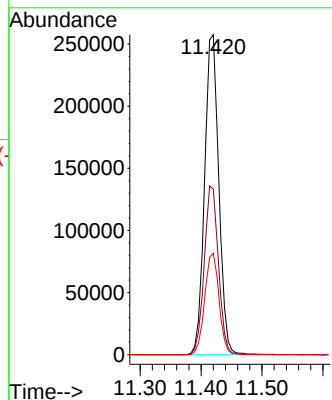
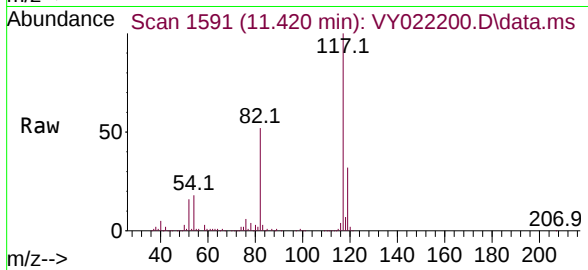
Tgt Ion:117 Resp: 417752

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022200.D

Acq: 08 May 2025 09:51

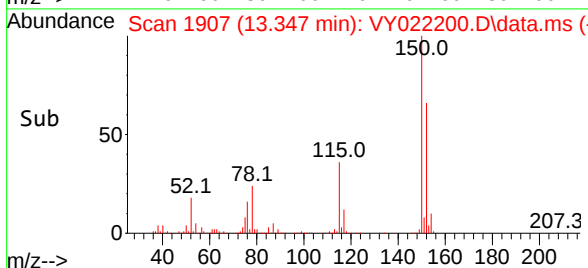
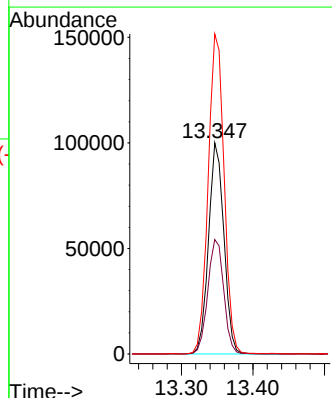
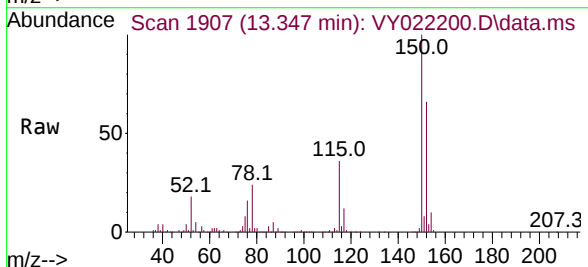
Tgt Ion:152 Resp: 149349

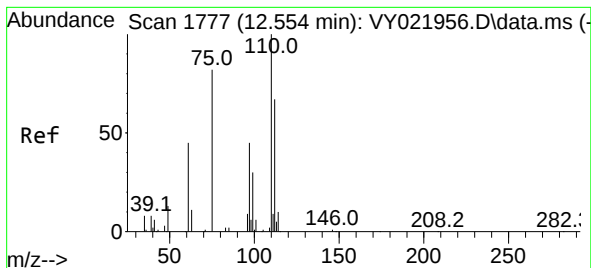
Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 157.0 0.0 345.6

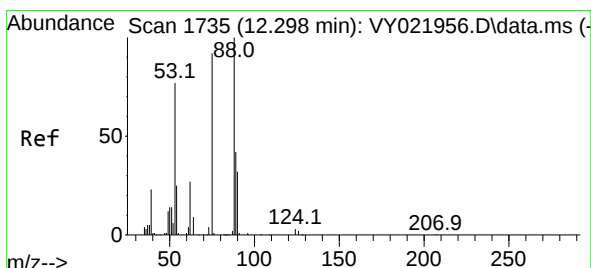
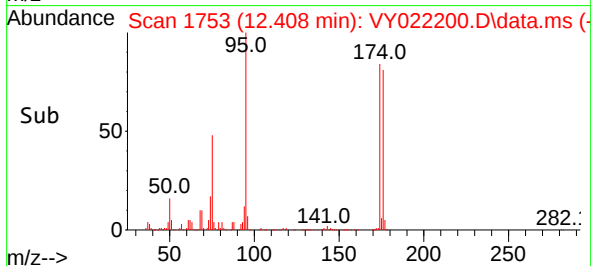
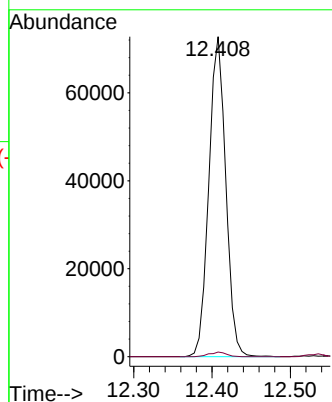
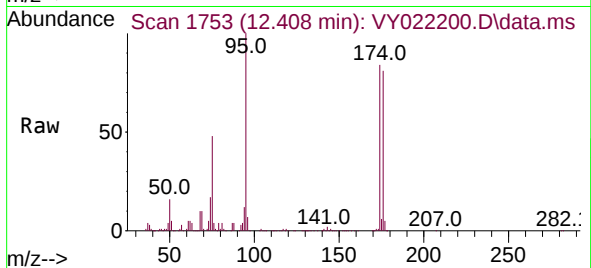




#76
1,2,3-Trichloropropane
Concen: 85.305 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

Tgt Ion: 75 Resp: 109126
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 205.427 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY022200.D
Acq: 08 May 2025 09:51

Tgt Ion: 75 Resp: 109126
Ion Ratio Lower Upper
75 100
53 0.2 66.0 99.0#
89 0.0 37.2 55.8#

