

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022107.D
 Acq On : 01 May 2025 15:02
 Operator : SY/MD
 Sample : Q1914-01
 Misc : 7.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: May 02 01:30:45 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

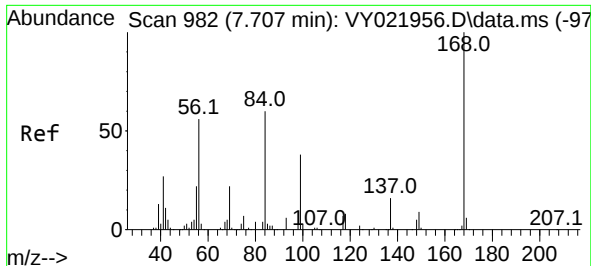
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	324354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	597762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	218119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139943	46.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.634	113	192445	48.731	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.460%		
50) Toluene-d8	10.109	98	709809	47.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.360%		
62) 4-Bromofluorobenzene	12.408	95	219737	43.842	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.680%		
Target Compounds						
16) Acetone	3.873	43	1061	Below Cal	#	41
20) Methylene Chloride	4.622	84	9890	2.611	ug/l #	93
31) Cyclohexane	7.701	56	6158	1.243	ug/l #	36
36) 1,1-Dichloropropene	7.707	75	23149	4.364	ug/l #	48
38) Carbon Tetrachloride	7.707	117	31583	4.982	ug/l #	16
74) N-amyl acetate	12.048	43	7108	2.839	ug/l #	62
76) 1,2,3-Trichloropropane	12.408	75	109586	58.656	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	109586	141.251	ug/l #	16

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

Quant Time: May 02 01:30:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
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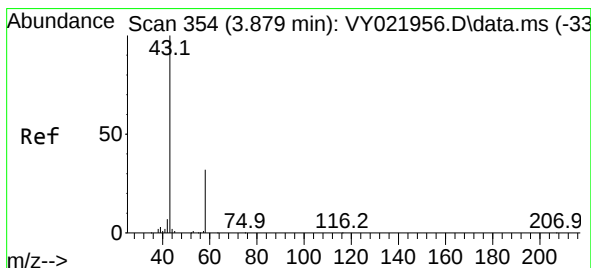
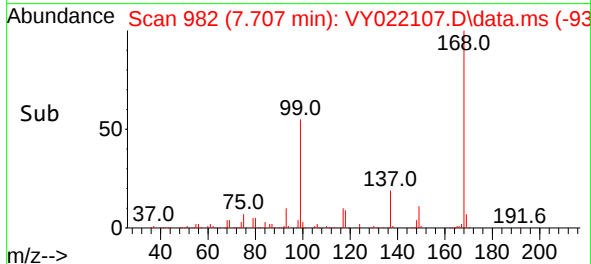
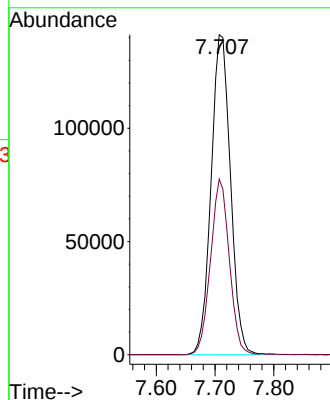
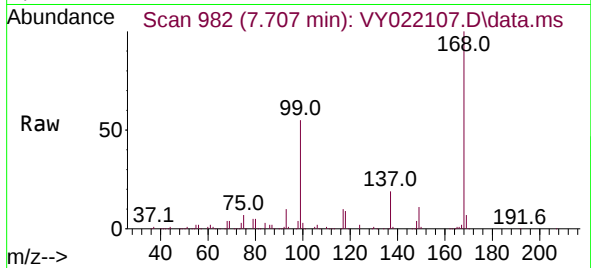




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

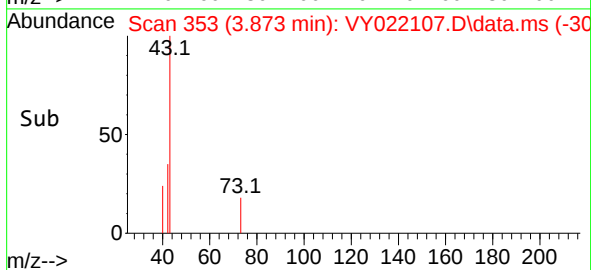
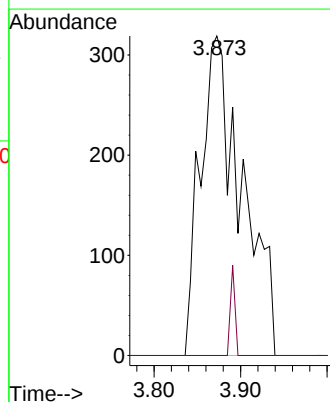
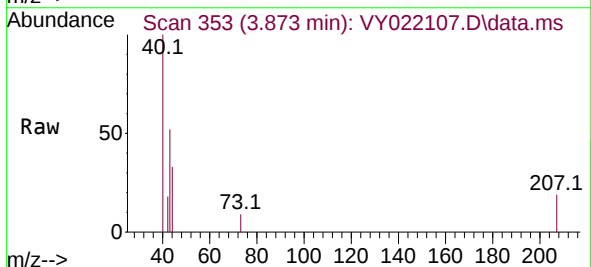
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

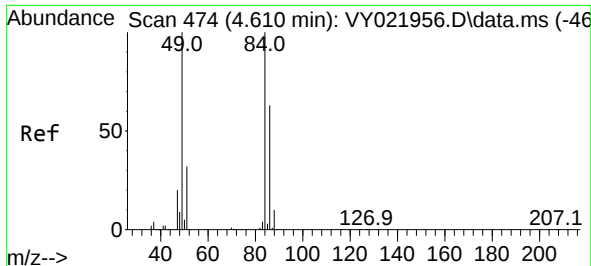
Tgt Ion:168 Resp: 324354
Ion Ratio Lower Upper
168 100
99 54.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

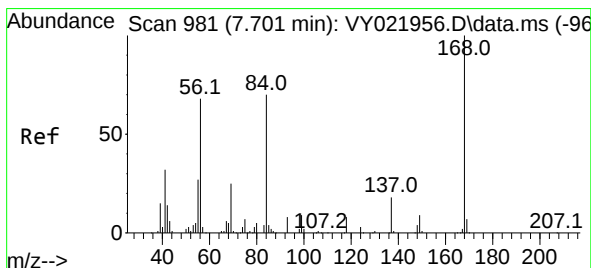
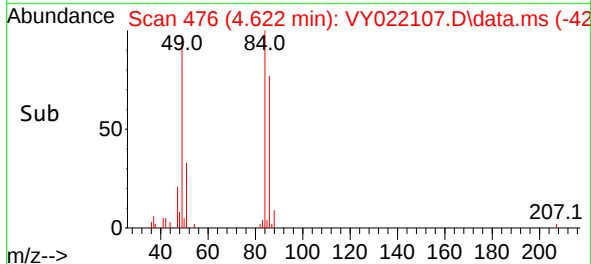
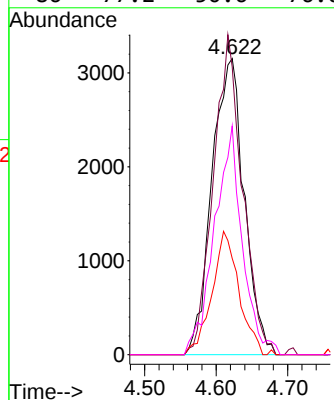
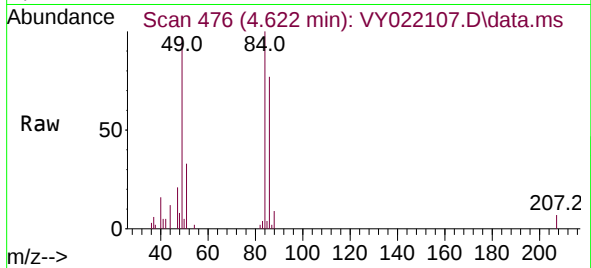




#20
Methylene Chloride
Concen: 2.611 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

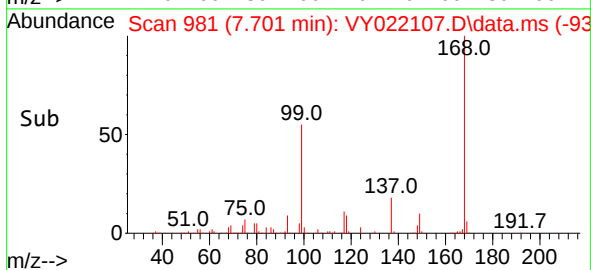
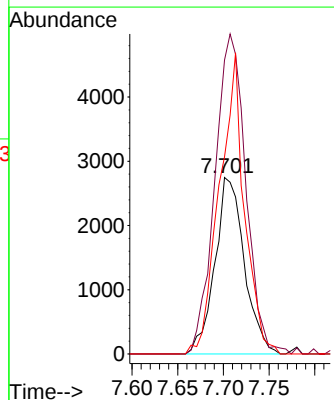
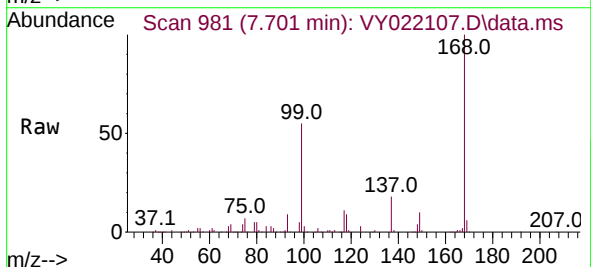
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

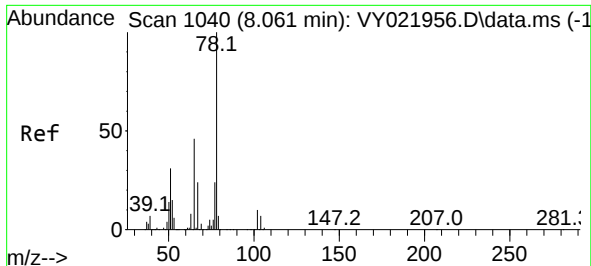
Tgt Ion:	84	Resp:	9890
Ion	Ratio	Lower	Upper
84	100		
49	97.2	79.9	119.9
51	32.5	25.4	38.0
86	77.2	50.6	76.0#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion:	56	Resp:	6158
Ion	Ratio	Lower	Upper
56	100		
69	166.5	29.4	44.2#
84	111.7	82.2	123.4





#33

1,2-Dichloroethane-d4

Concen: 46.710 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022107.D

Acq: 01 May 2025 15:02

Instrument :

MSVOA_Y

ClientSampleId :

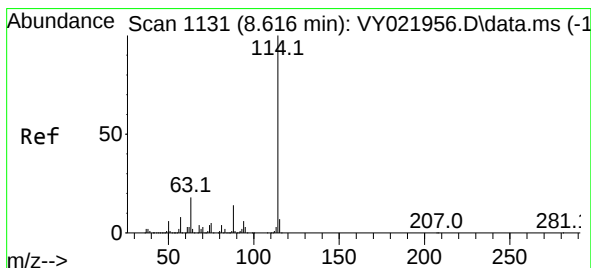
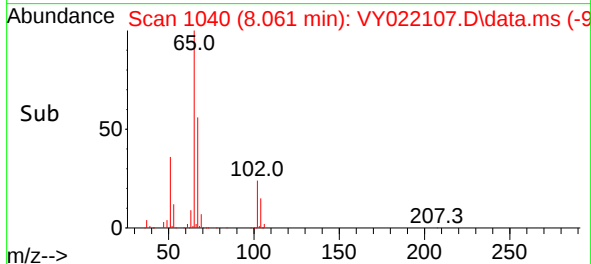
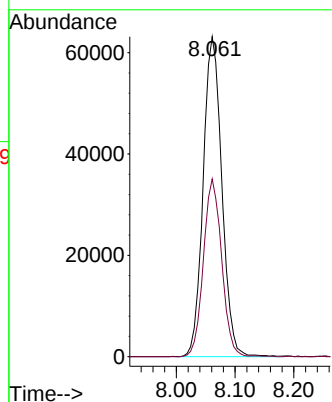
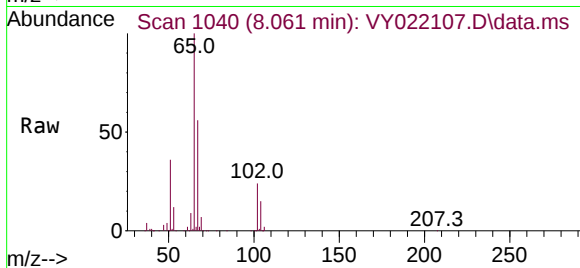
SS-1

Tgt Ion: 65 Resp: 139943

Ion Ratio Lower Upper

65 100

67 54.0 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: VY022107.D

Acq: 01 May 2025 15:02

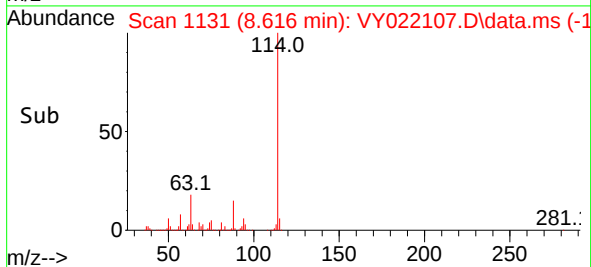
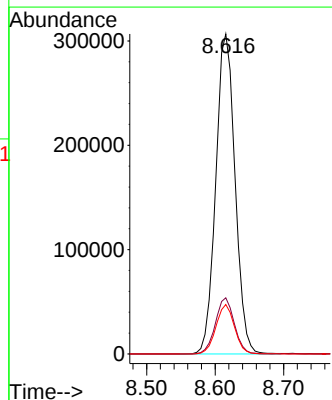
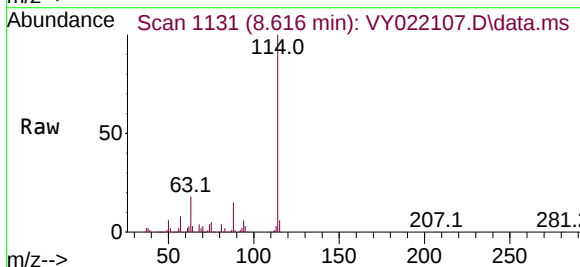
Tgt Ion:114 Resp: 597762

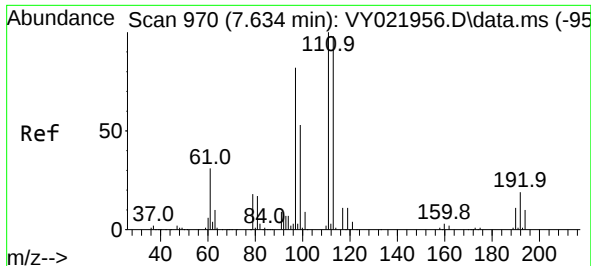
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 15.4 0.0 28.2

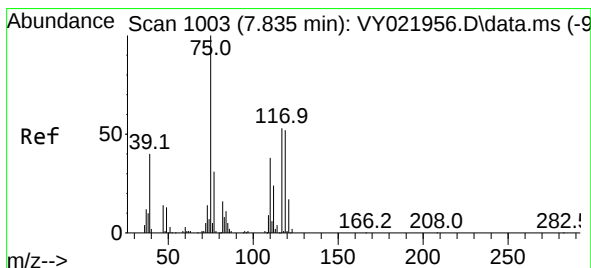
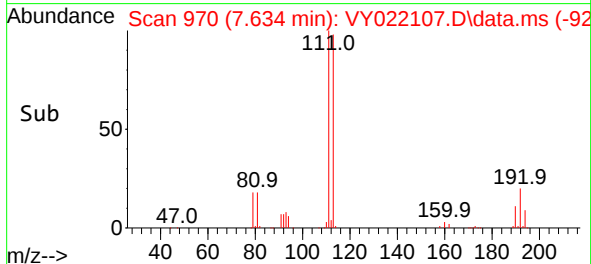
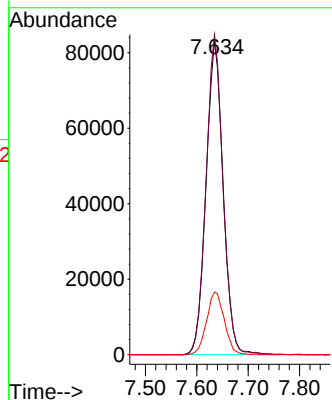
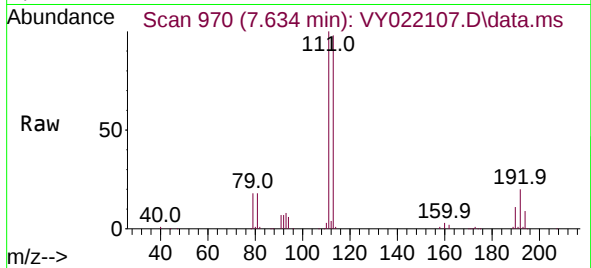




#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

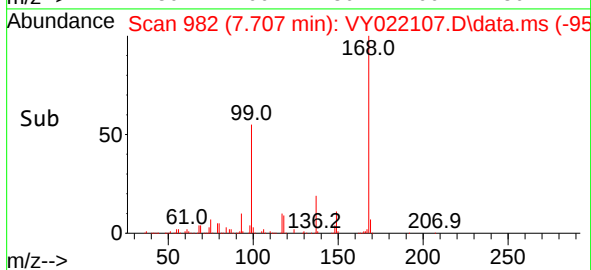
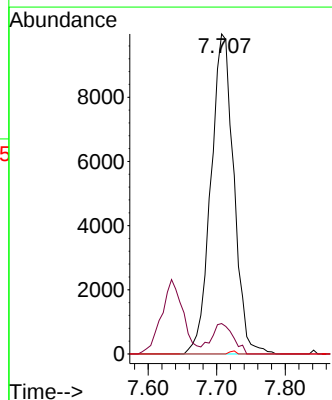
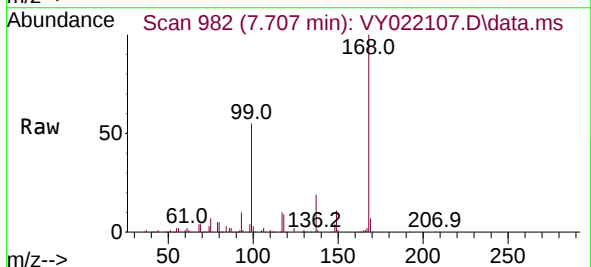
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

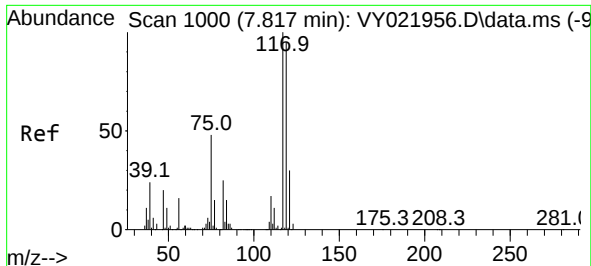
Tgt Ion:113 Resp: 192445
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 20.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 75 Resp: 23149
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.3 25.5 38.3#

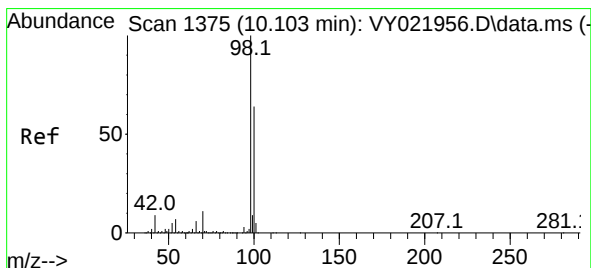
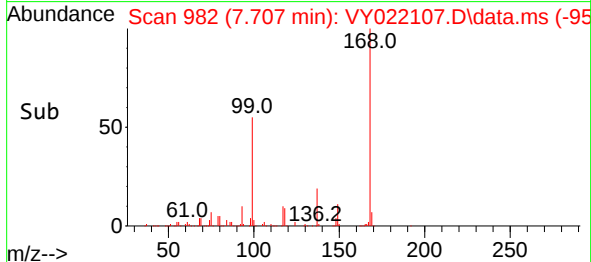
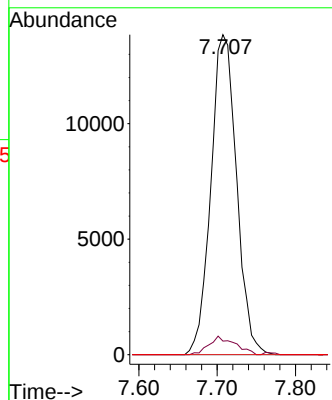
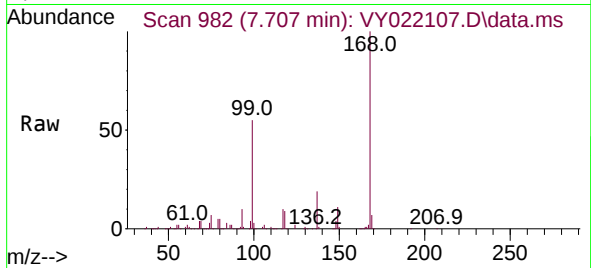




#38
Carbon Tetrachloride
Concen: 4.982 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

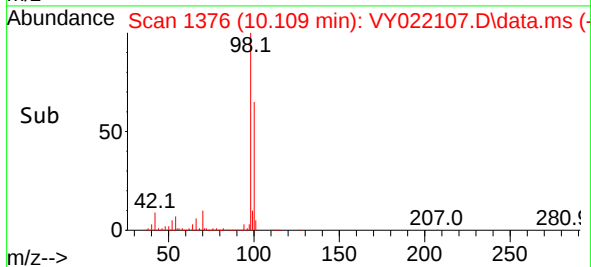
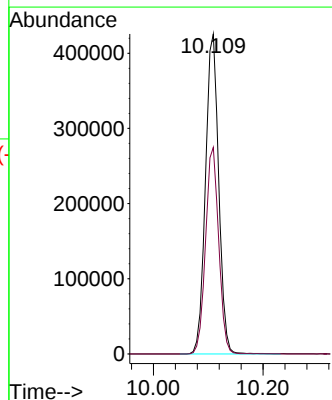
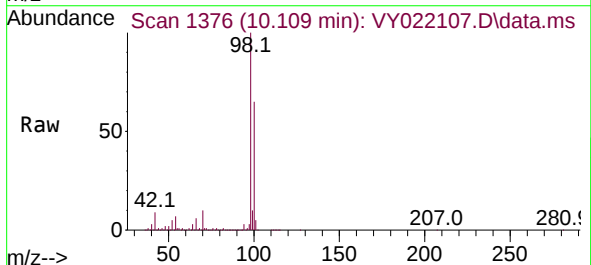
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

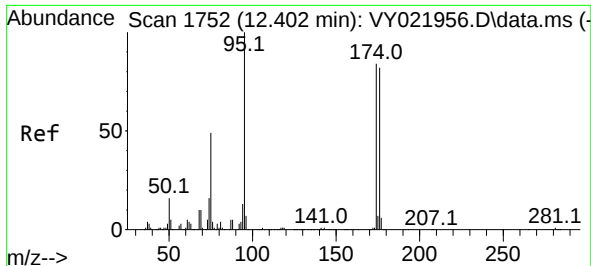
Tgt Ion:117 Resp: 31583
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 98 Resp: 709809
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

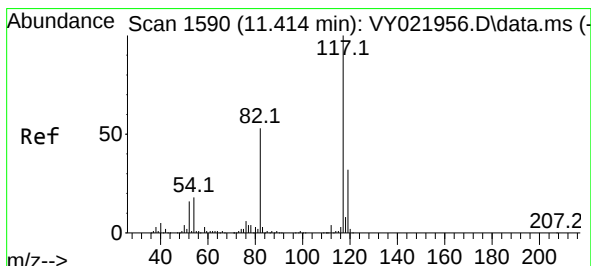
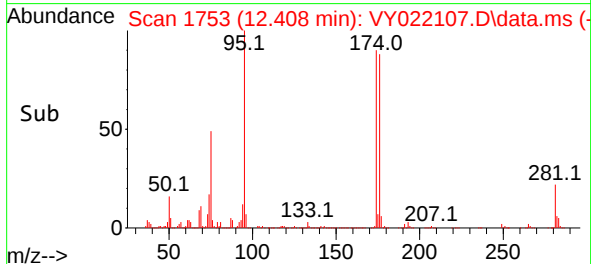
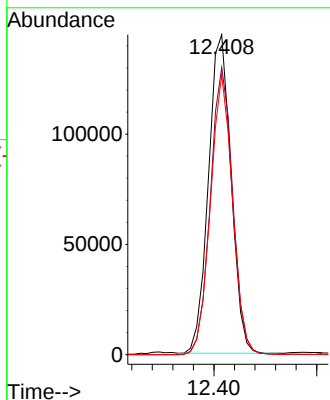
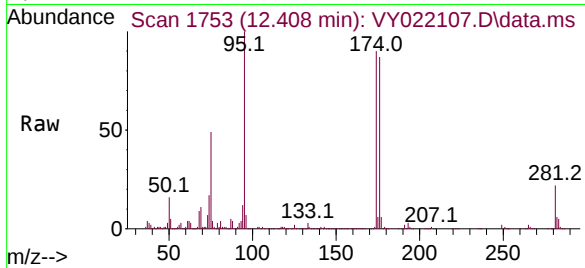




#62
4-Bromofluorobenzene
Concen: 43.842 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

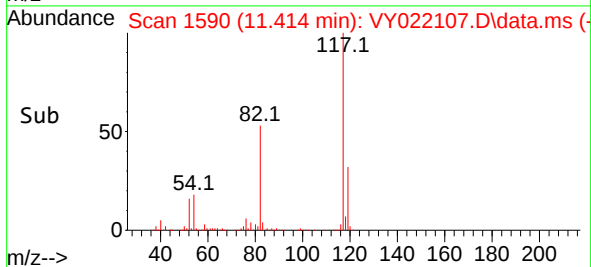
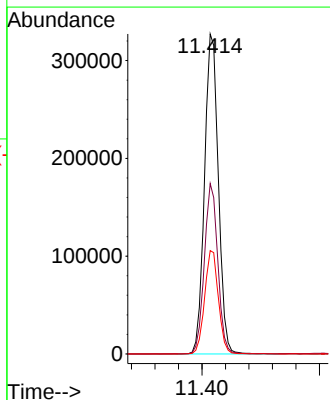
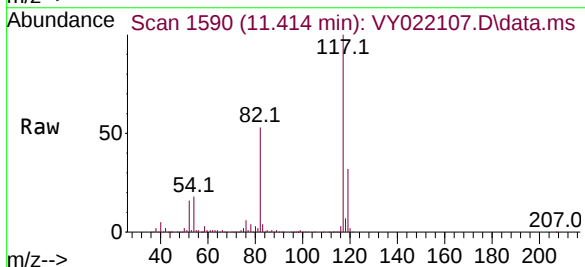
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

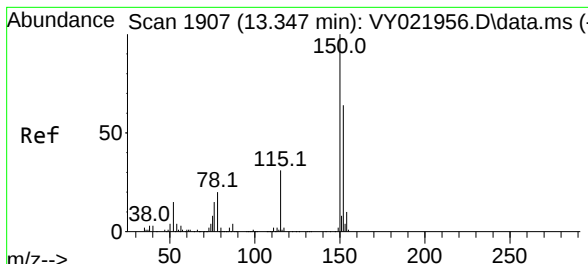
Tgt Ion: 95 Resp: 219737
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 86.2 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 117 Resp: 534537
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 32.3 25.7 38.5



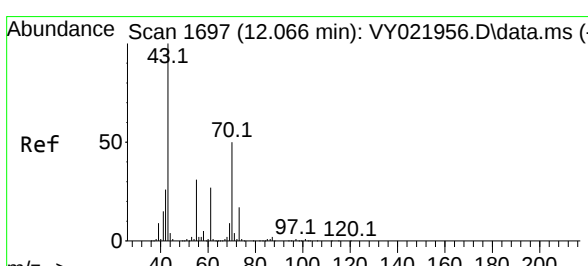
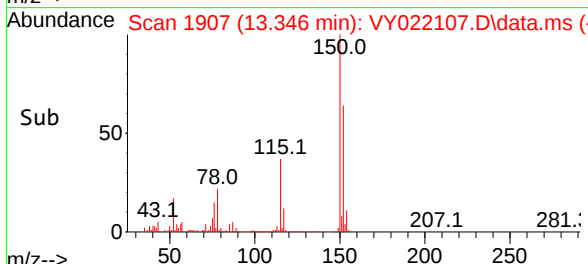
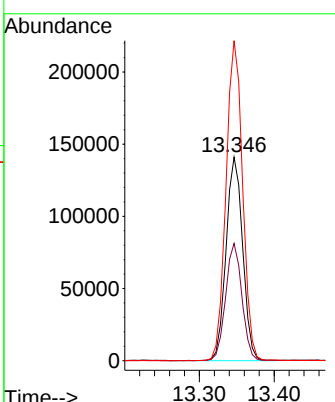
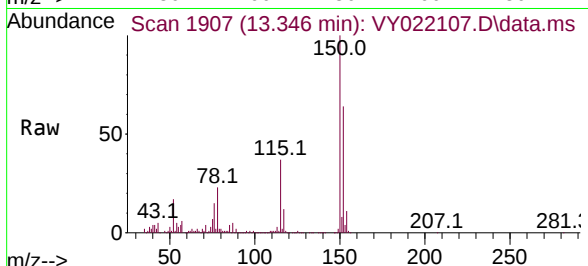


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022107.D
 Acq: 01 May 2025 15:02

Instrument : MSVOA_Y
 ClientSampleId : SS-1

Tgt Ion:152 Resp: 218119

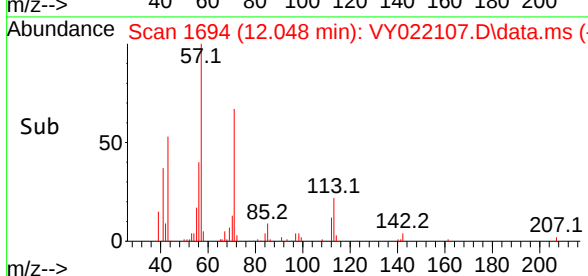
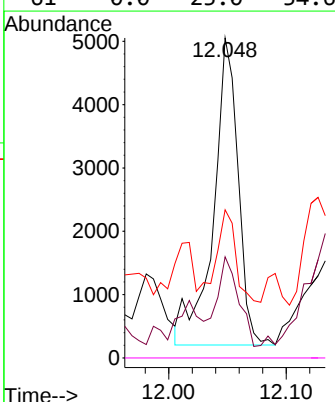
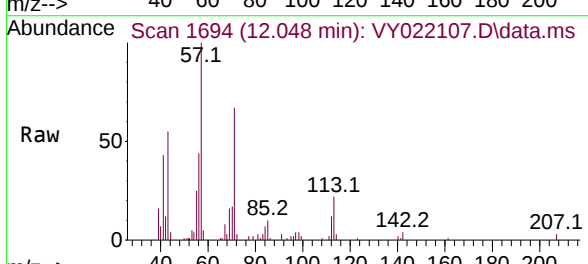
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	84.0
150	156.9	0.0	345.6

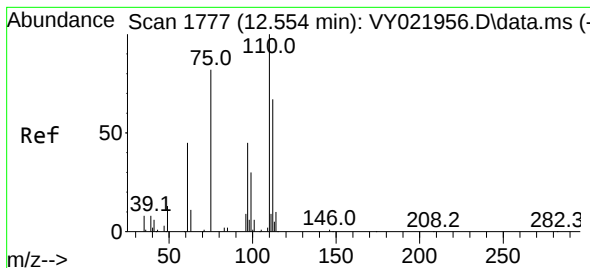


#74
 N-amy1 acetate
 Concen: 2.839 ug/l
 RT: 12.048 min Scan# 1694
 Delta R.T. -0.018 min
 Lab File: VY022107.D
 Acq: 01 May 2025 15:02

Tgt Ion: 43 Resp: 7108

Ion	Ratio	Lower	Upper
43	100		
70	25.1	43.2	64.8#
55	20.3	25.7	38.5#
61	0.0	23.0	34.6#

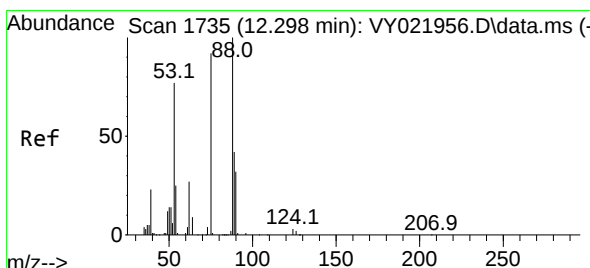
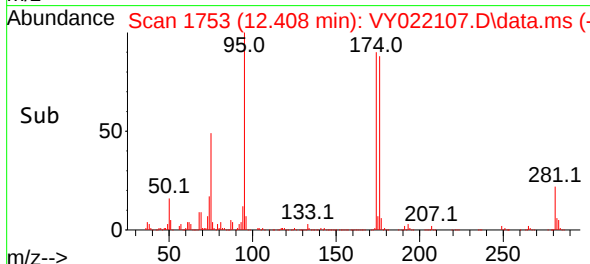
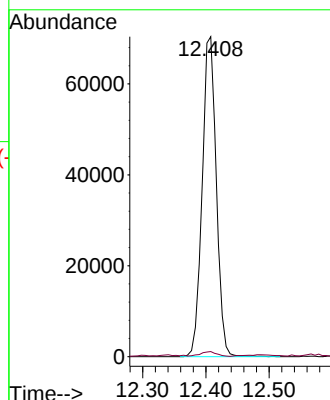
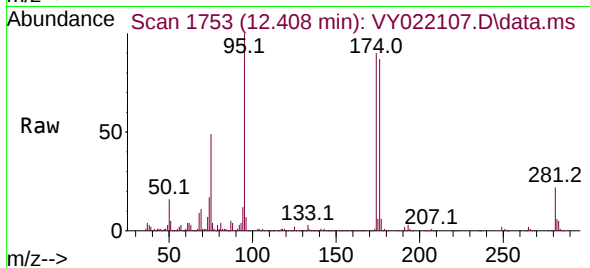




#76
 1,2,3-Trichloropropane
 Concen: 58.656 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022107.D
 Acq: 01 May 2025 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Tgt Ion: 75 Resp: 109586
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.251 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.110 min
 Lab File: VY022107.D
 Acq: 01 May 2025 15:02

Tgt Ion: 75 Resp: 109586
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.0 99.0#
 89 0.4 37.2 55.8#

