

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021059.D
 Acq On : 04 Feb 2025 15:26
 Operator : SY/MD
 Sample : Q1232-13
 Misc : 11.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:47:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

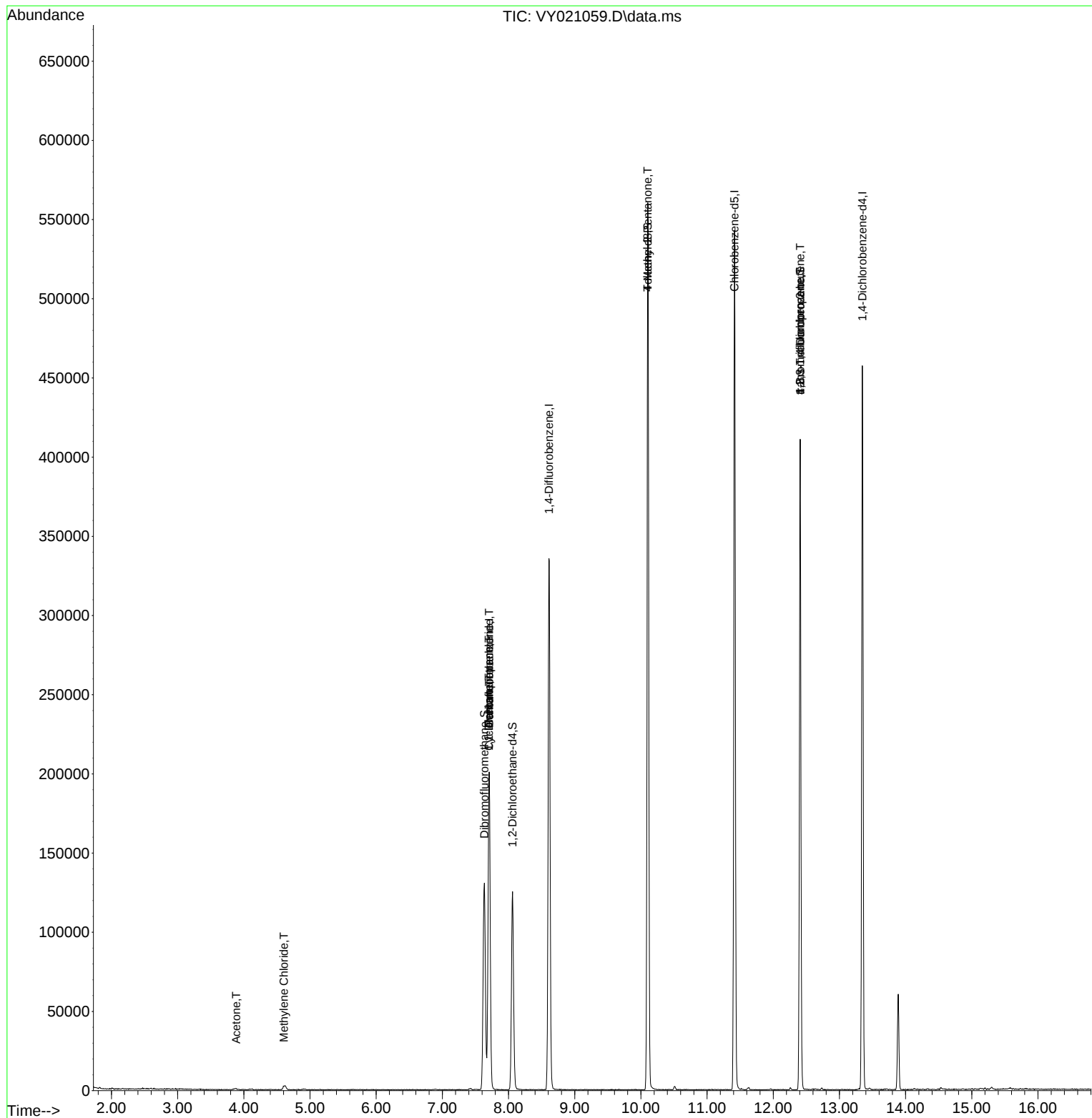
Internal Standards						
1) Pentafluorobenzene	7.707	168	151439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	288850	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	276517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98934	63.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.520%			
35) Dibromofluoromethane	7.634	113	91396	49.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.740%			
50) Toluene-d8	10.103	98	354123	50.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.408	95	115424	50.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.260%			
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1761	7.278	ug/l #	68
20) Methylene Chloride	4.604	84	1999	1.329	ug/l #	72
31) Cyclohexane	7.701	56	3040	1.149	ug/l #	42
36) 1,1-Dichloropropene	7.701	75	12055	4.397	ug/l #	52
38) Carbon Tetrachloride	7.707	117	15304	4.777	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	1732	1.441	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	64412	63.806	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	64412	130.194	ug/l #	12

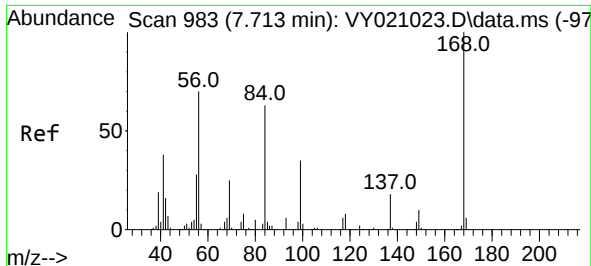
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
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Misc : 11.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Feb 05 00:47:43 2025
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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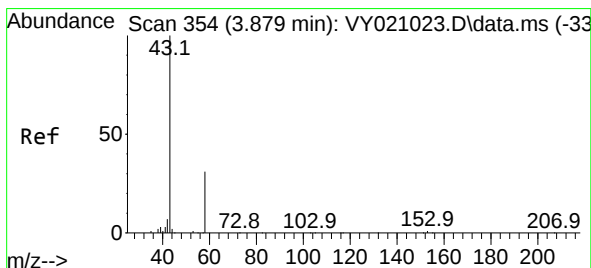
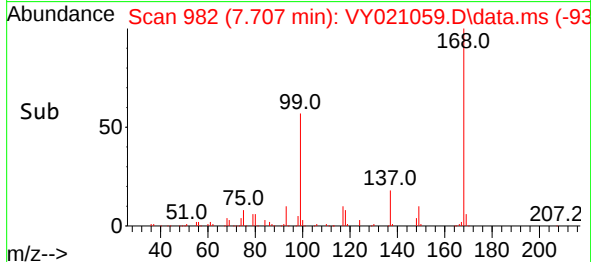
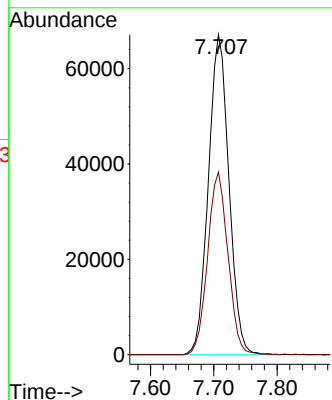
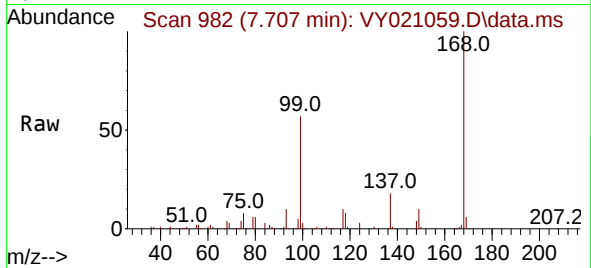




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

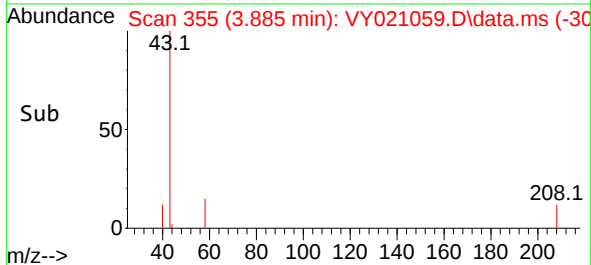
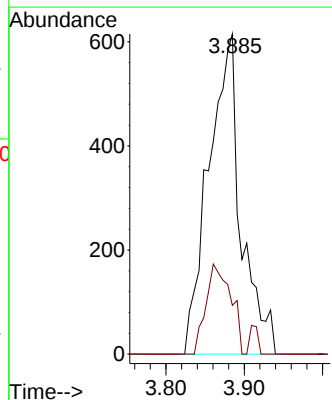
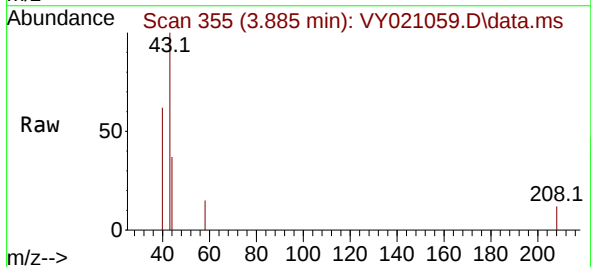
Instrument :
MSVOA_Y
ClientSampleId :

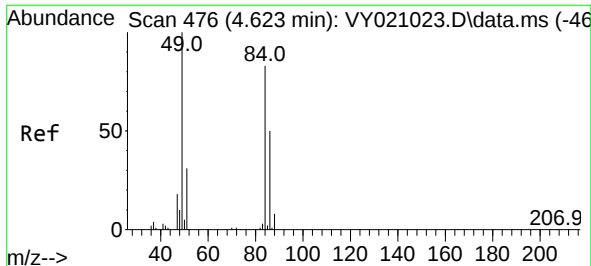
Tgt Ion:168 Resp: 151439
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 7.278 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

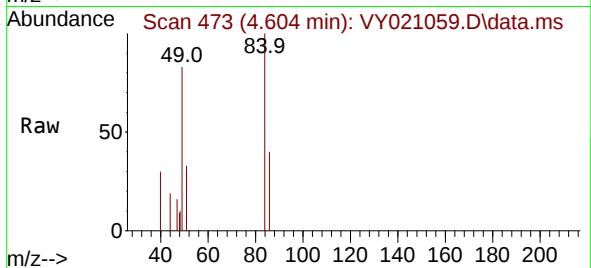
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
58 15.3 26.6 39.8#



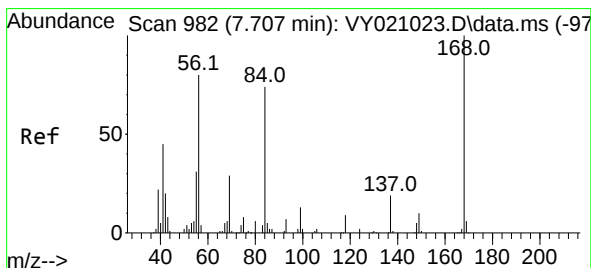
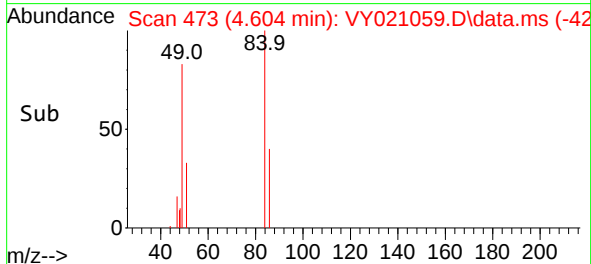
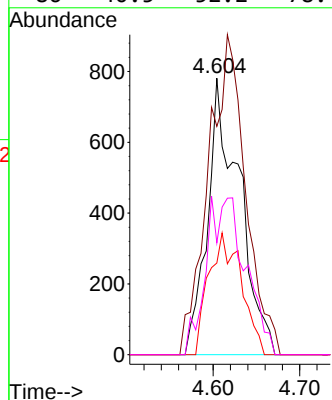


#20
Methylene Chloride
Concen: 1.329 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :

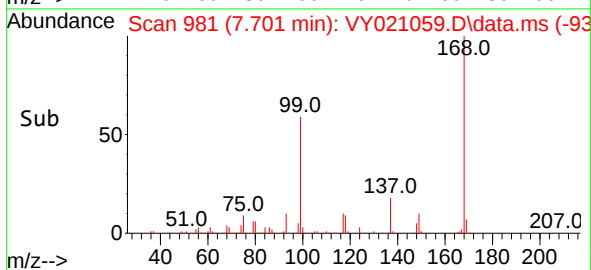
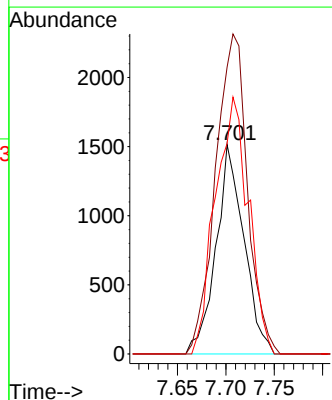
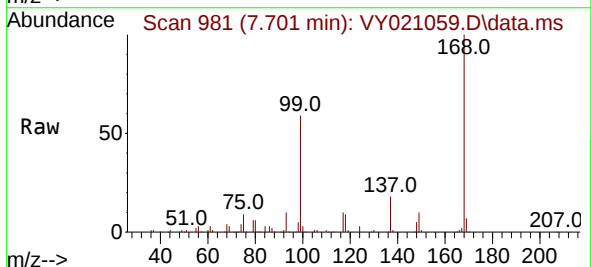


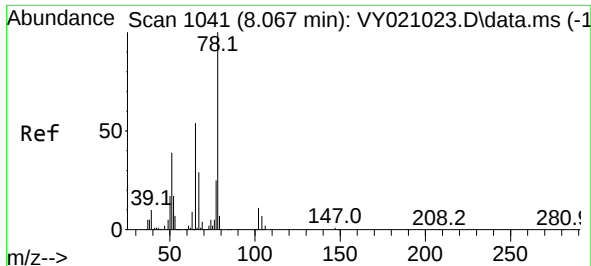
Tgt Ion:	84	Resp:	1999
Ion	Ratio	Lower	Upper
84	100		
49	82.6	95.2	142.8#
51	33.2	29.9	44.9
86	40.5	52.2	78.4#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion:	56	Resp:	3040
Ion	Ratio	Lower	Upper
56	100		
69	136.9	27.0	40.6#
84	100.5	71.8	107.6





#33

1,2-Dichloroethane-d4

Concen: 63.762 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Instrument :

MSVOA_Y

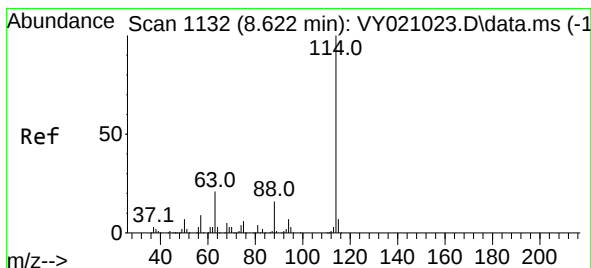
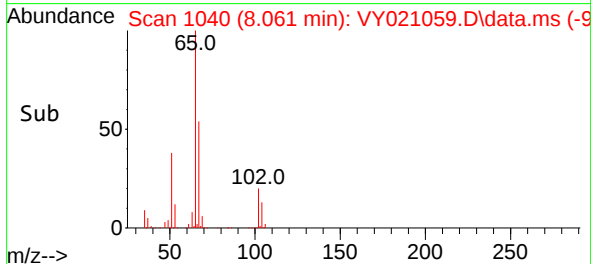
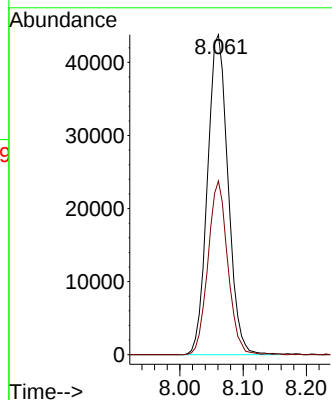
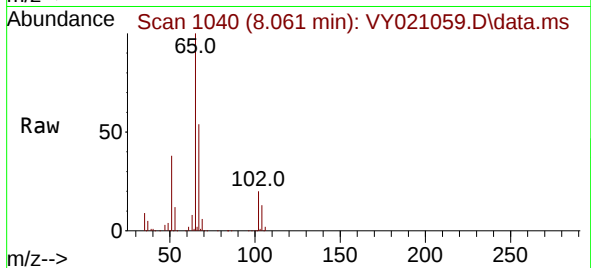
ClientSampleId :

Tgt Ion: 65 Resp: 98934

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

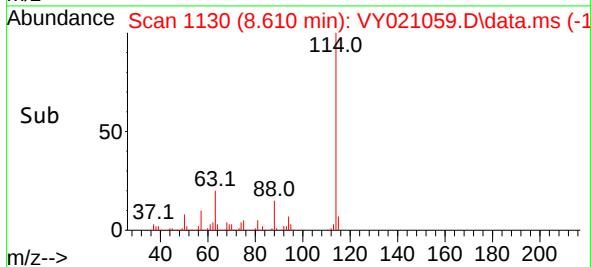
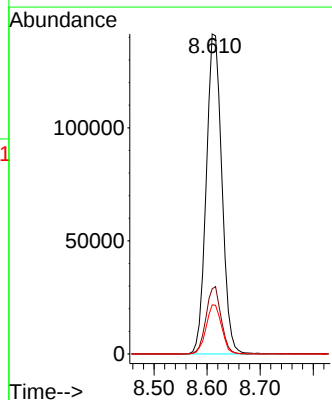
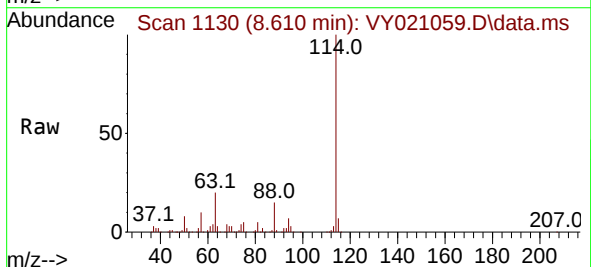
Tgt Ion: 114 Resp: 288850

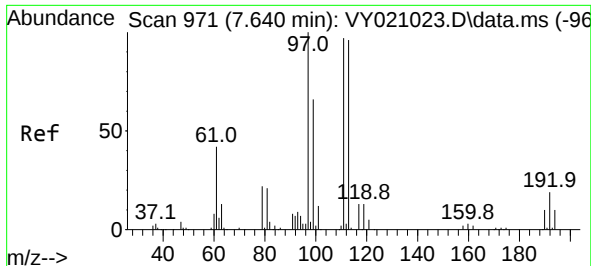
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

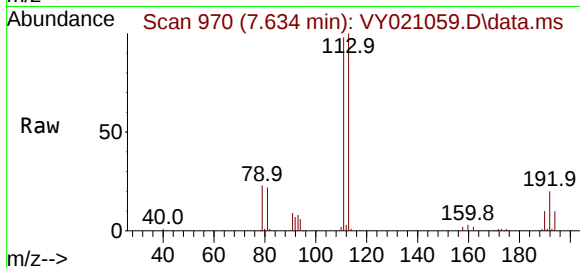
88 15.3 0.0 29.0



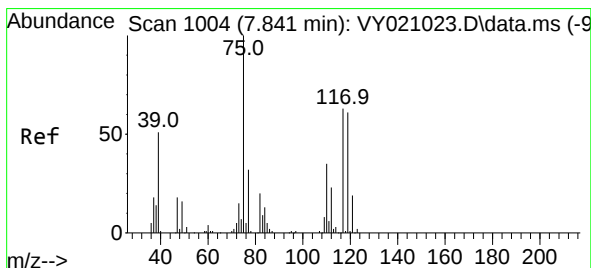
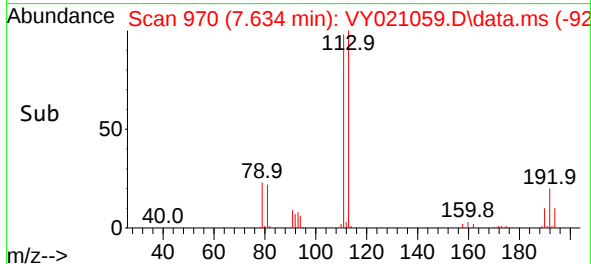
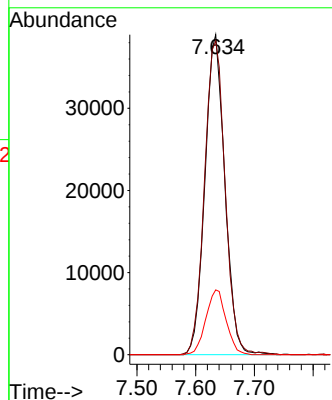


#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 7.634 min Scan# 913
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :

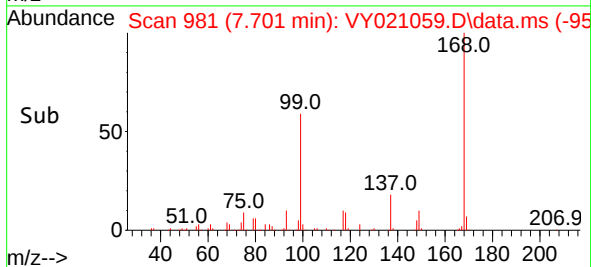
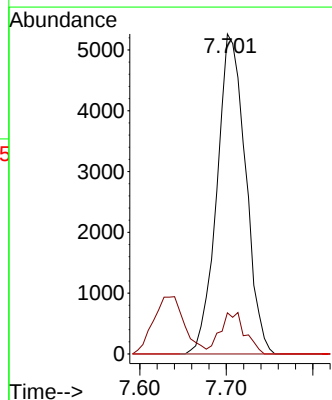
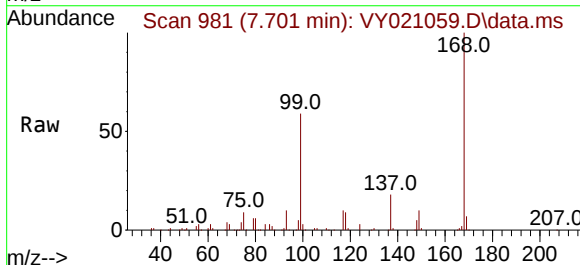


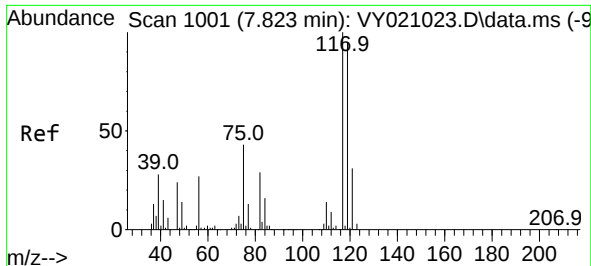
Tgt Ion:113 Resp: 91396
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 20.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.397 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

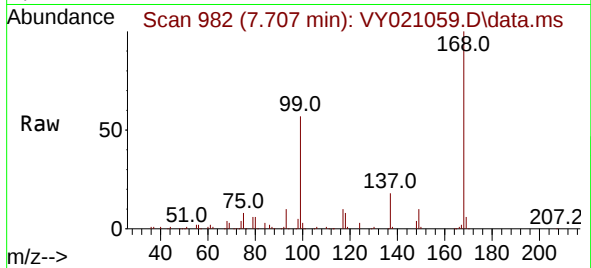
Tgt Ion: 75 Resp: 12055
Ion Ratio Lower Upper
75 100
110 11.2 17.4 52.3#
77 0.0 24.7 37.1#



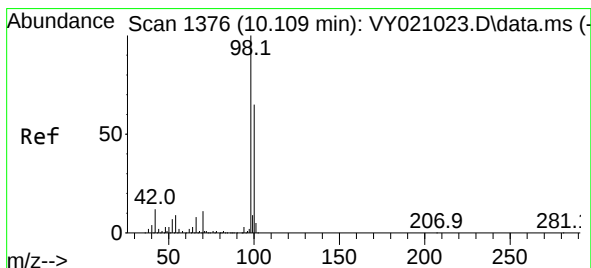
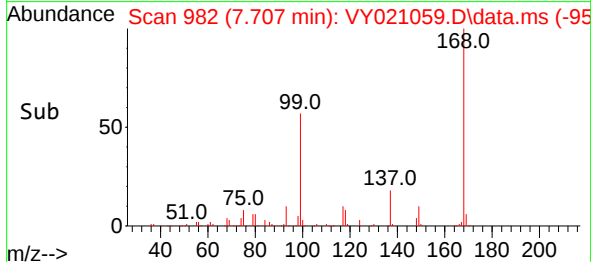
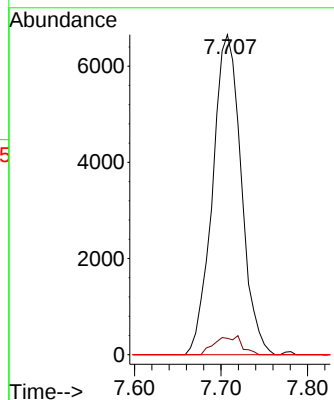


#38
Carbon Tetrachloride
Concen: 4.777 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :

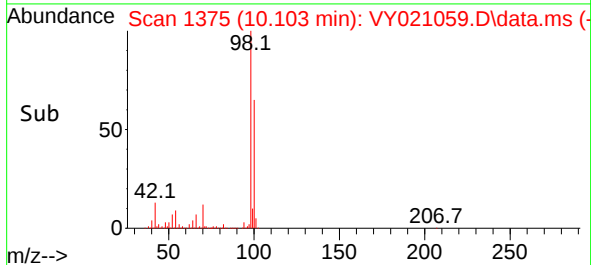
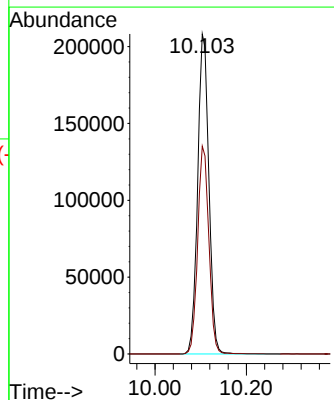
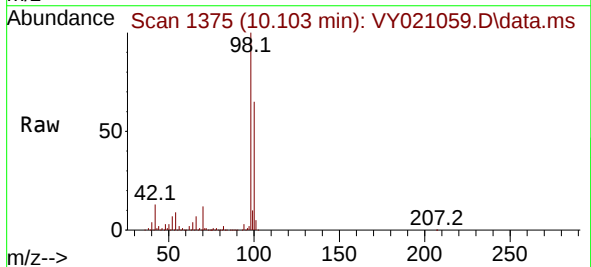


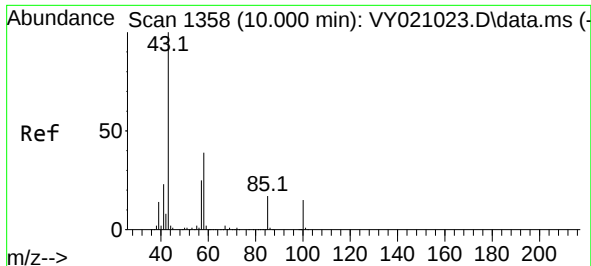
Tgt Ion:117 Resp: 15304
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.249 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion: 98 Resp: 354123
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

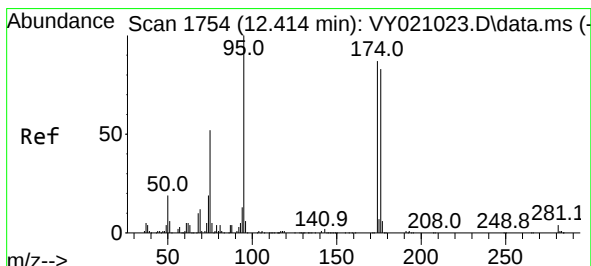
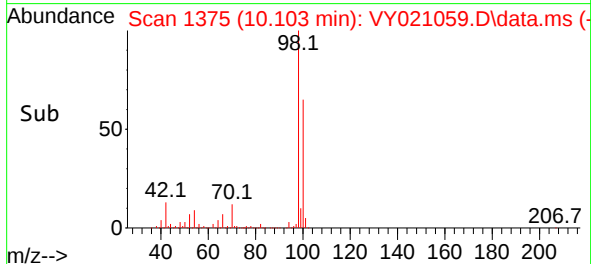
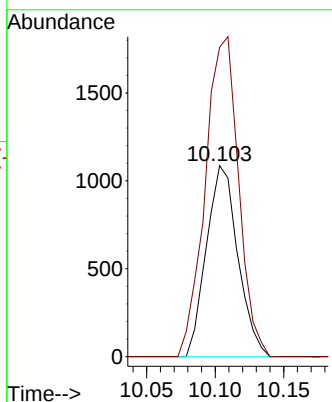
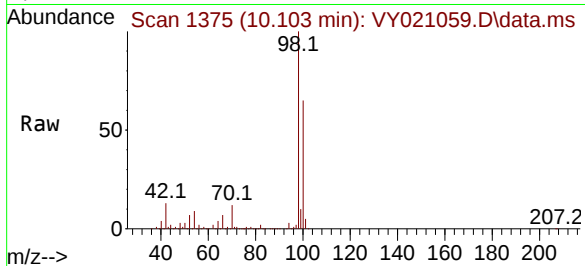




#51
4-Methyl-2-Pentanone
Concen: 1.441 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

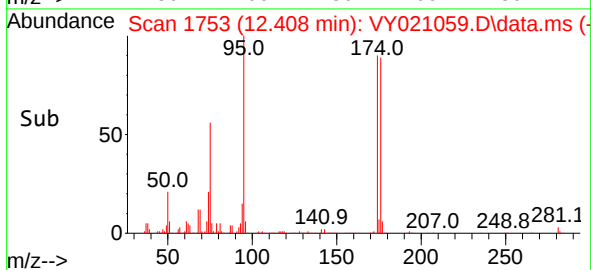
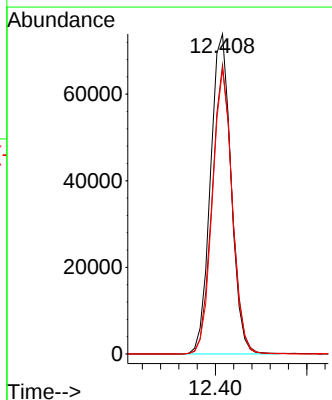
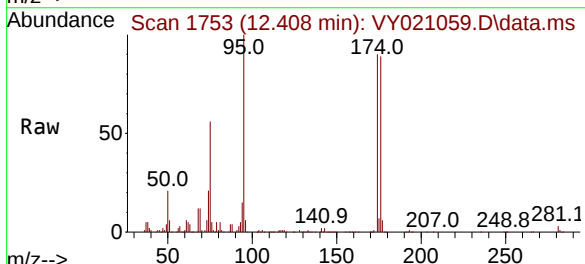
Instrument :
MSVOA_Y
ClientSampleId :

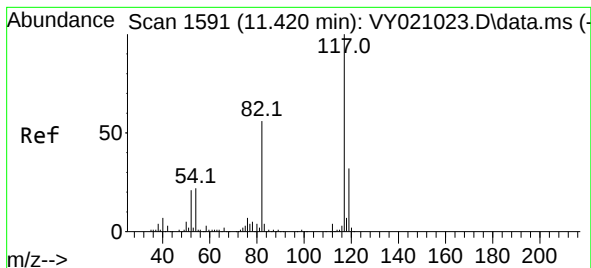
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 178.0 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion: 95 Resp: 115424
Ion Ratio Lower Upper
95 100
174 88.0 0.0 160.0
176 85.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

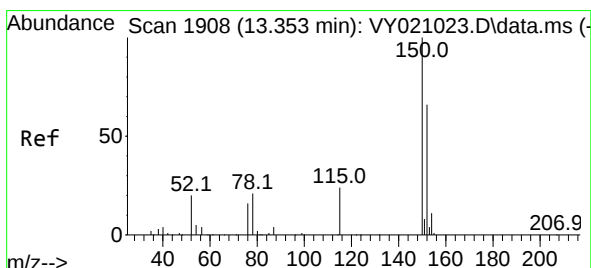
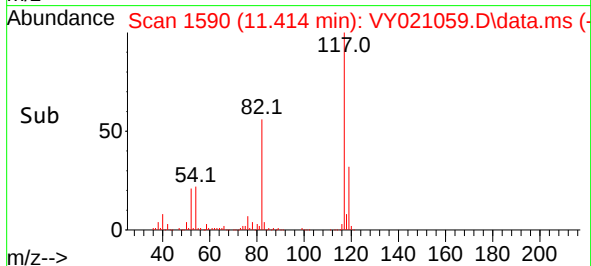
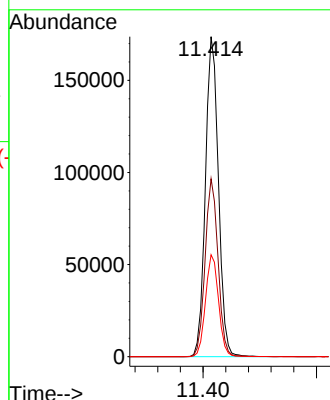
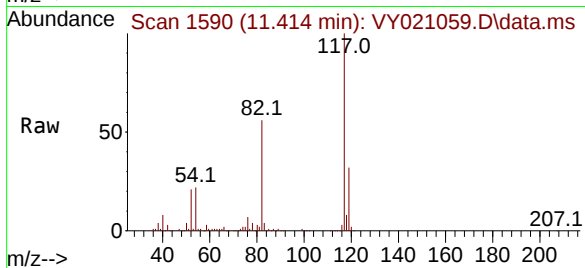
Tgt Ion:117 Resp: 276517

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

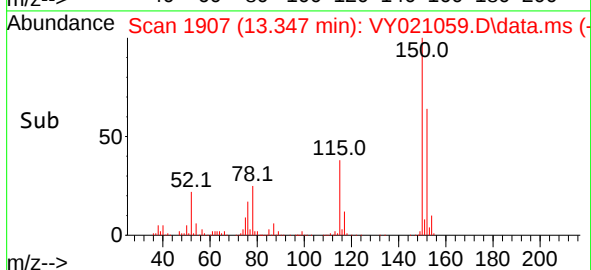
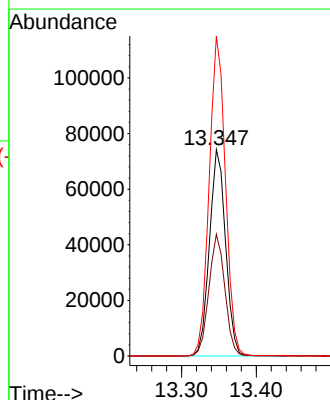
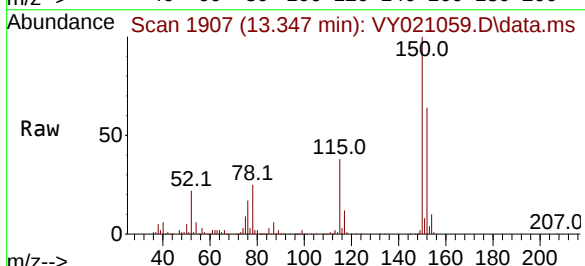
Tgt Ion:152 Resp: 111286

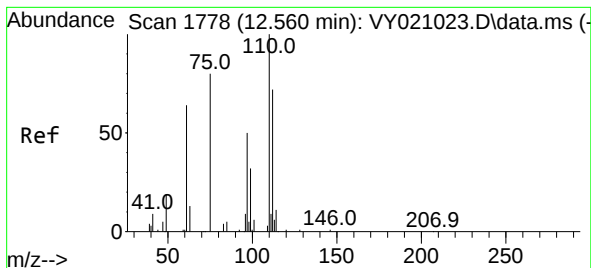
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 155.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 63.806 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Instrument :

MSVOA_Y

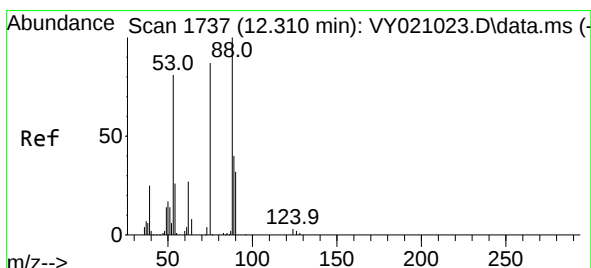
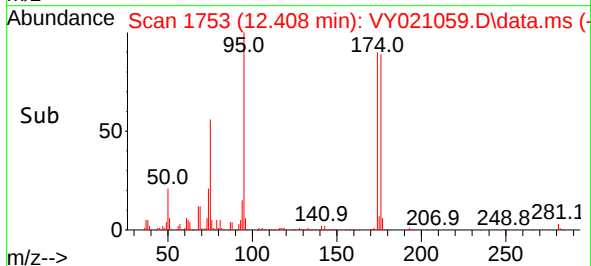
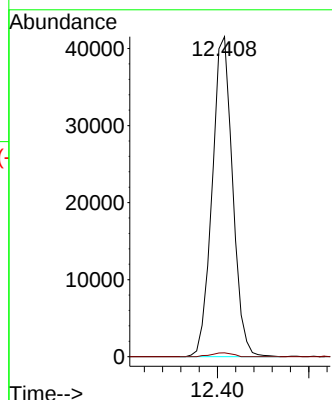
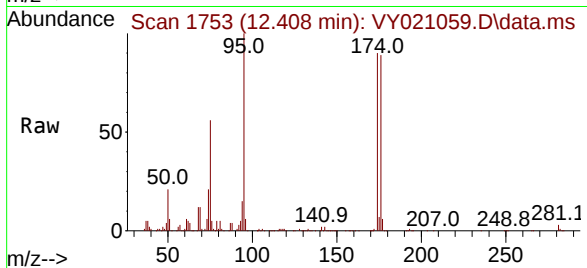
ClientSampleId :

Tgt Ion: 75 Resp: 64412

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 130.194 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.098 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Tgt Ion: 75 Resp: 64412

Ion Ratio Lower Upper

75 100

53 0.1 74.0 111.0#

89 0.0 36.5 54.7#

