

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021217.D
 Acq On : 17 Feb 2025 13:18
 Operator : SY/MD
 Sample : Q1365-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:46:53 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)

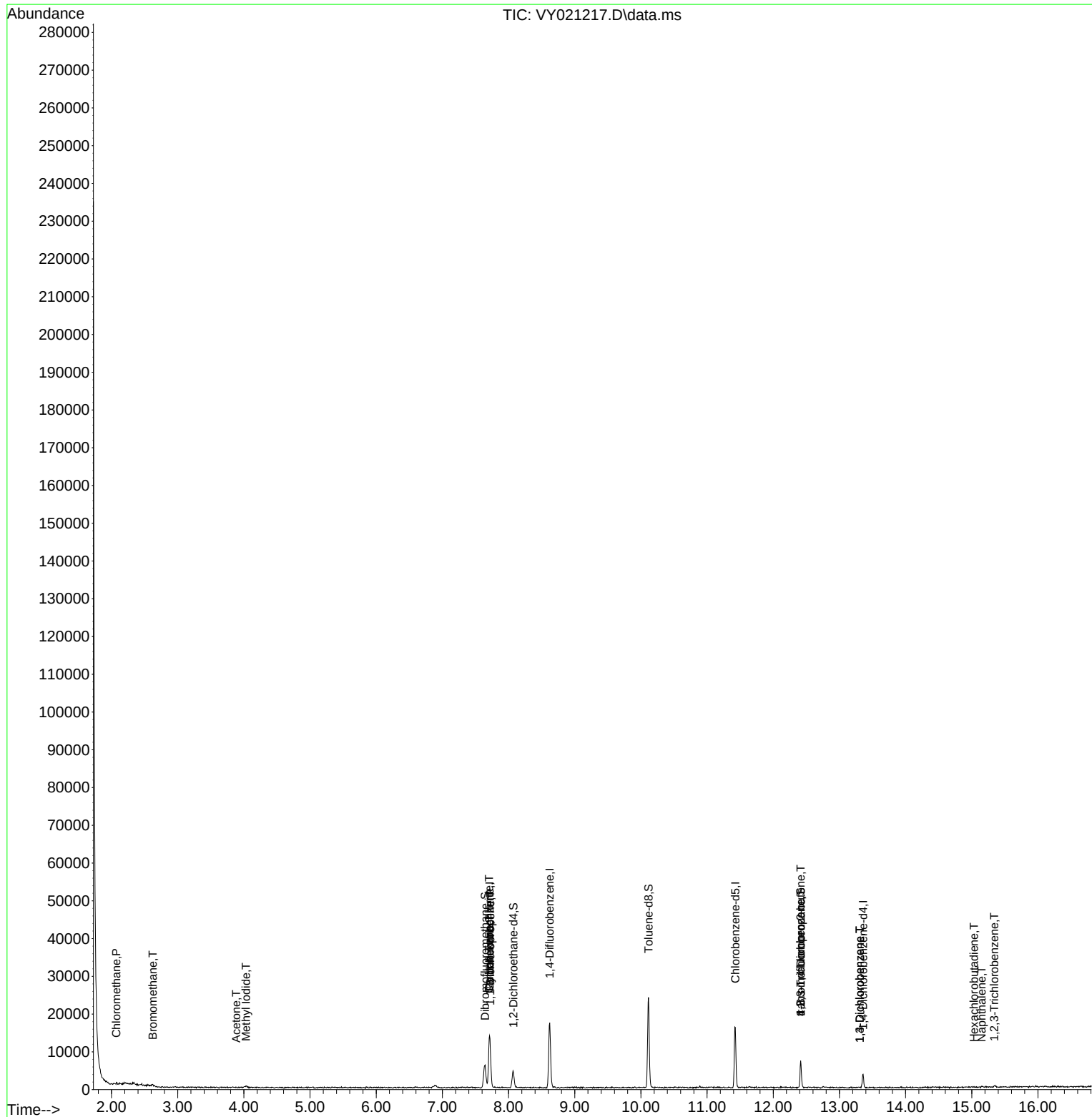
Internal Standards						
1) Pentafluorobenzene	7.713	168	10707	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.621	114	15128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	9208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	1102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	3642	33.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	66.400%		
35) Dibromofluoromethane	7.646	113	4438	45.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.560%		
50) Toluene-d8	10.115	98	15818	42.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.720%		
62) 4-Bromofluorobenzene	12.413	95	2155	17.872	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	35.740%		
Target Compounds						Qvalue
3) Chloromethane	2.074	50	259	2.750	ug/l	# 41
5) Bromomethane	2.622	94	282	4.814	ug/l	87
10) Methyl Iodide	4.031	142	671	5.573	ug/l	# 88
16) Acetone	3.884	43	19	1.111	ug/l	# 41
31) Cyclohexane	7.713	56	233	1.245	ug/l	# 1
36) 1,1-Dichloropropene	7.725	75	890	6.198	ug/l	# 42
38) Carbon Tetrachloride	7.707	117	1120	6.675	ug/l	# 12
76) 1,2,3-Trichloropropane	12.413	75	1226	122.643	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.413	75	1226	250.250	ug/l	# 12
87) 1,3-Dichlorobenzene	13.310	146	40	1.043	ug/l	# 25
88) 1,4-Dichlorobenzene	13.310	146	40	1.059	ug/l	# 25
94) Hexachlorobutadiene	15.035	225	19	1.547	ug/l	# 18
95) Naphthalene	15.151	128	235	7.927	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.340	180	135	8.754	ug/l	# 62

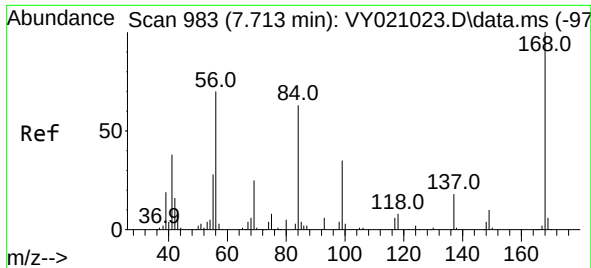
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
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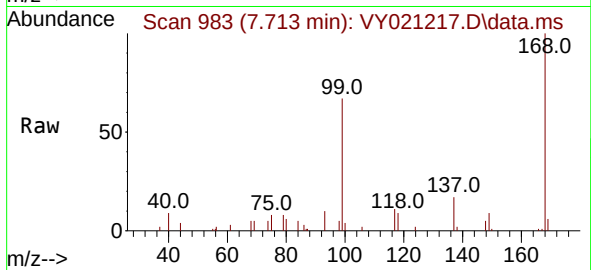
Quant Time: Feb 18 00:46:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



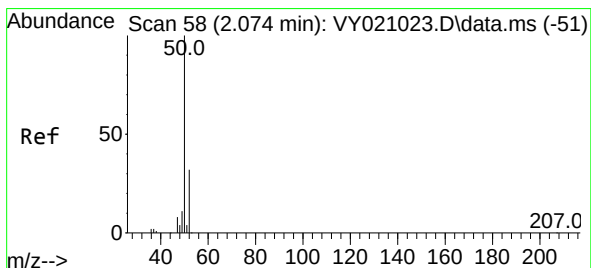
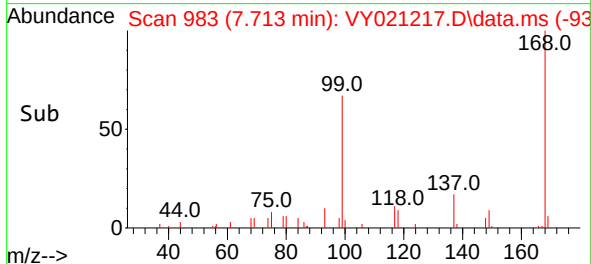
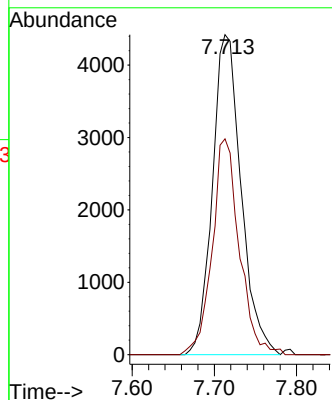


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Instrument :
MSVOA_Y
ClientSampleId :

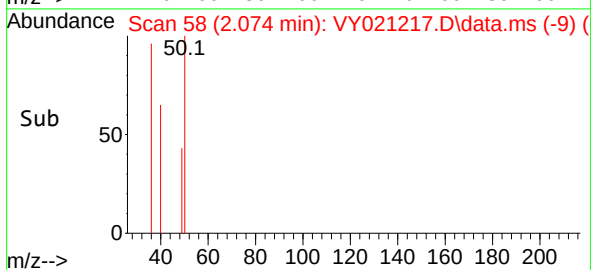
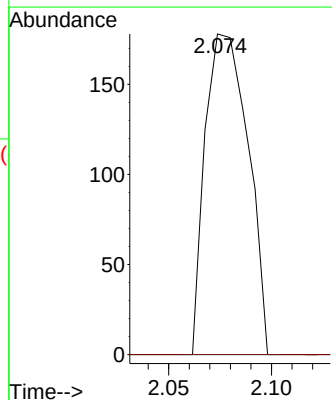
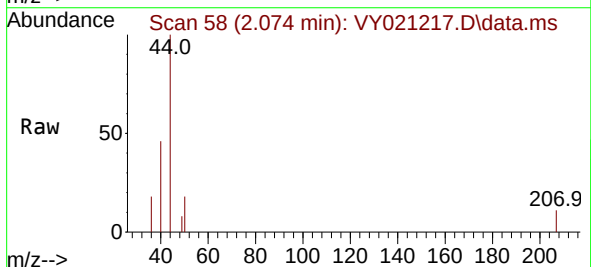


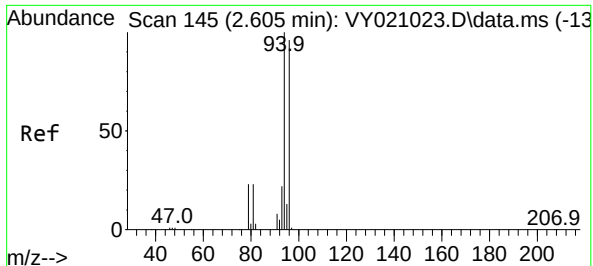
Tgt Ion:168 Resp: 10707
Ion Ratio Lower Upper
168 100
99 67.5 44.2 66.4#



#3
Chloromethane
Concen: 2.750 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.001 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

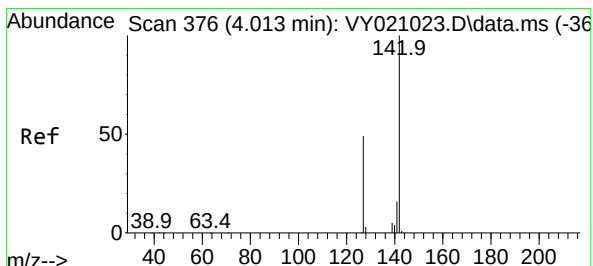
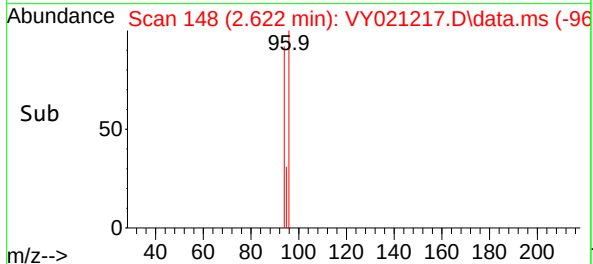
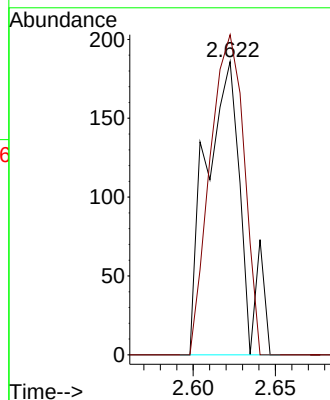
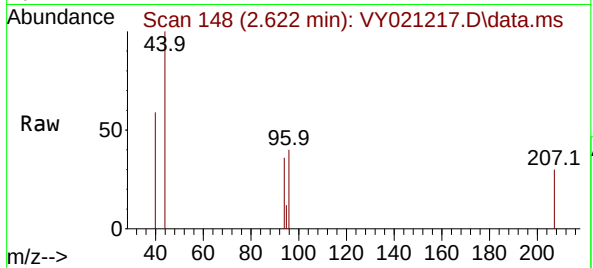




#5
Bromomethane
Concen: 4.814 ug/l
RT: 2.622 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

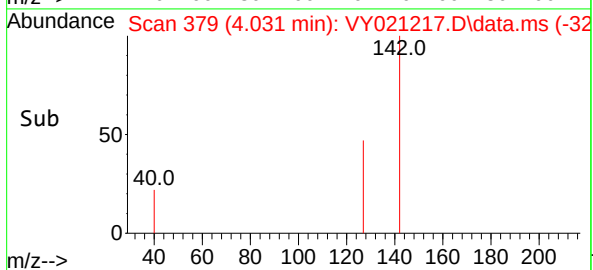
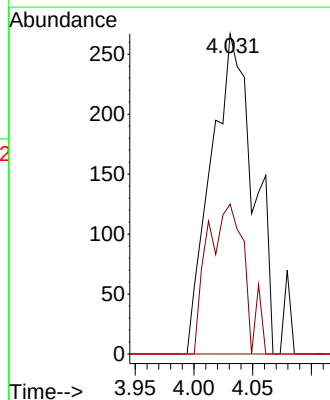
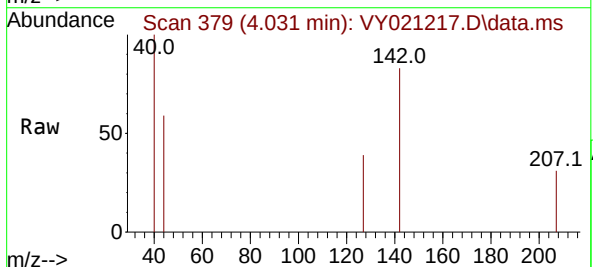
Instrument :
MSVOA_Y
ClientSampleId :

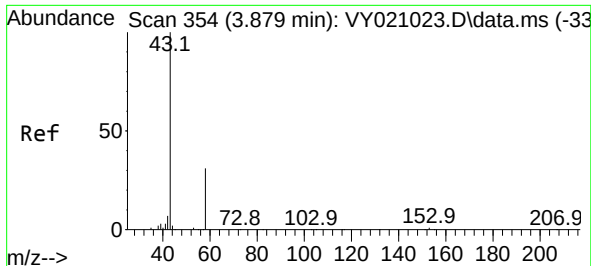
Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 109.1 77.3 115.9



#10
Methyl Iodide
Concen: 5.573 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.018 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion:142 Resp: 671
Ion Ratio Lower Upper
142 100
127 41.6 35.1 52.7
141 0.0 11.8 17.6#

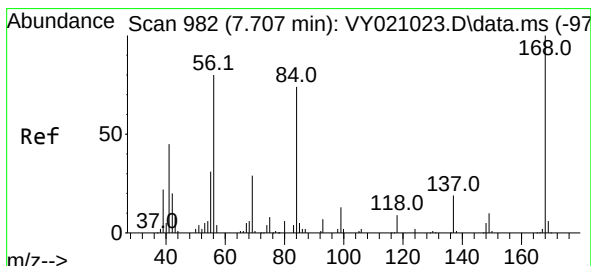
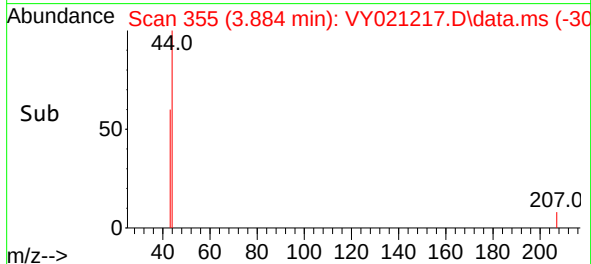
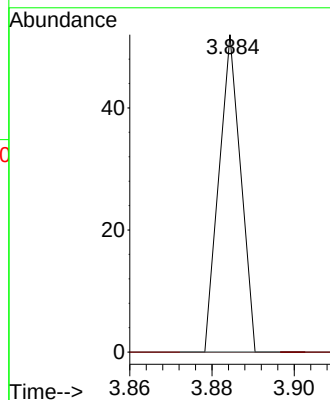
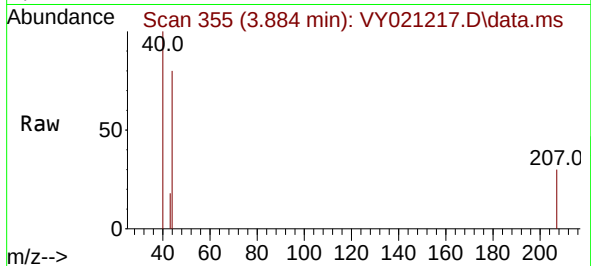




#16
Acetone
Concen: 1.111 ug/l
RT: 3.884 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

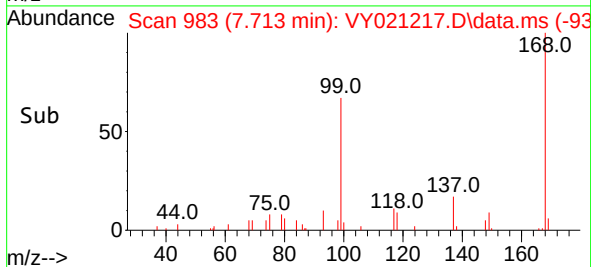
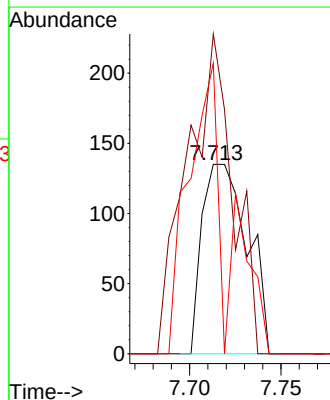
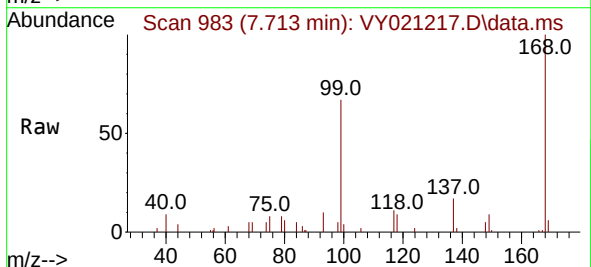
Instrument :
MSVOA_Y
ClientSampleId :

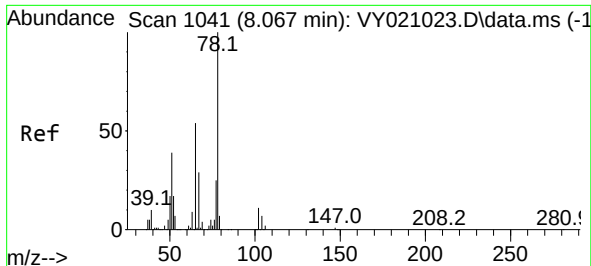
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
69 168.9 27.0 40.6#
84 153.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 33.199 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

Instrument :

MSVOA_Y

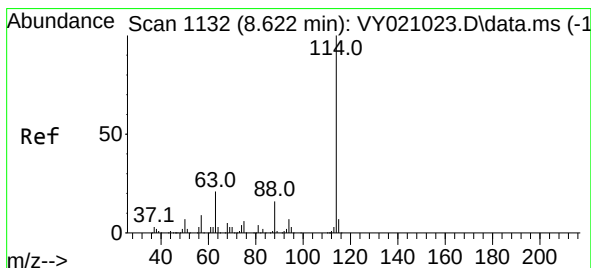
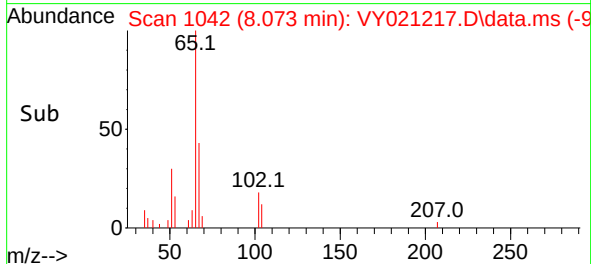
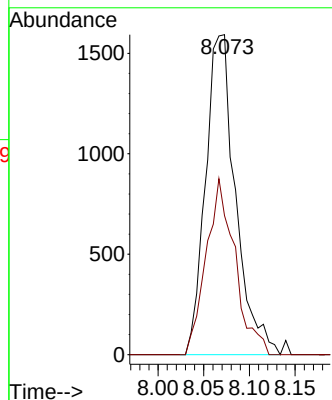
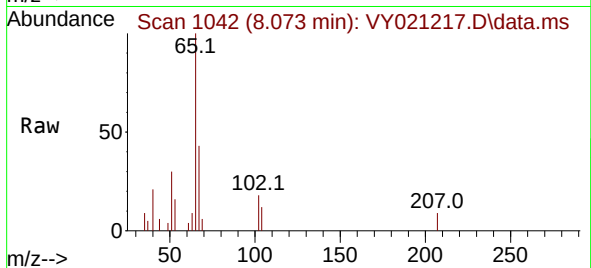
ClientSampleId :

Tgt Ion: 65 Resp: 3642

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.001 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

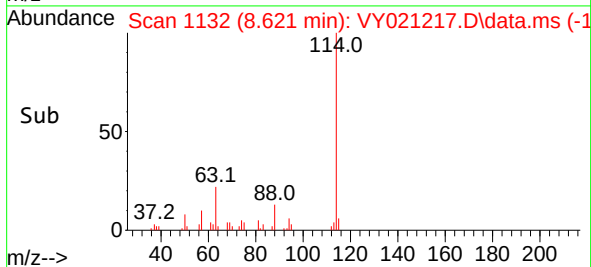
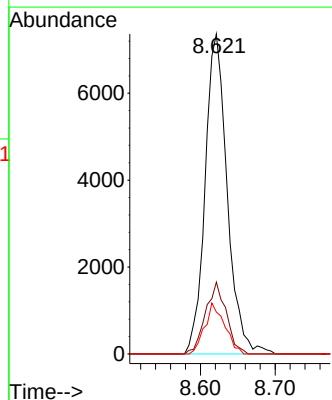
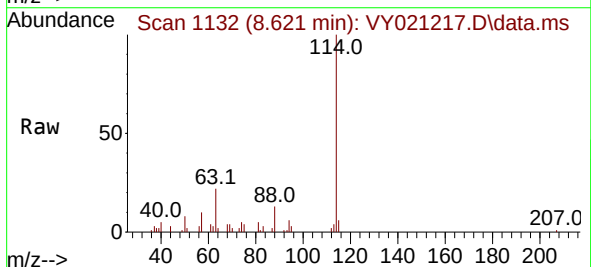
Tgt Ion: 114 Resp: 15128

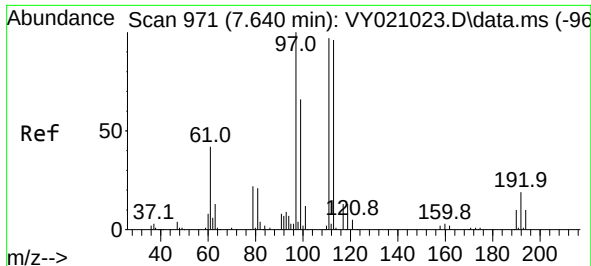
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

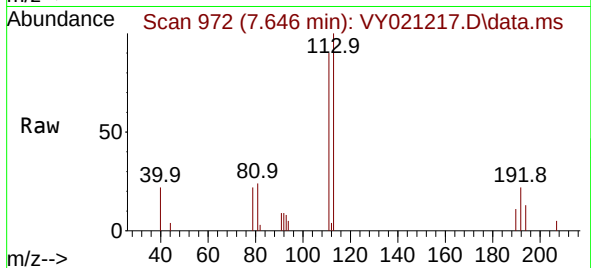
88 13.1 0.0 29.0



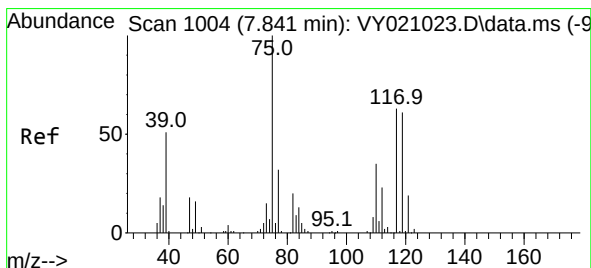
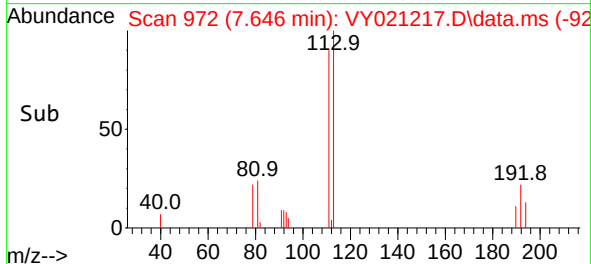
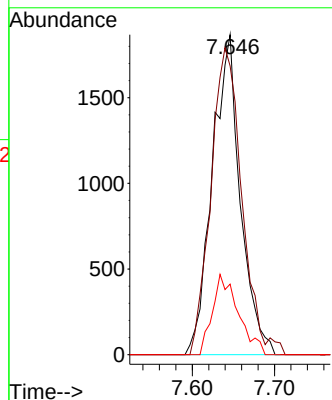


#35
 Dibromofluoromethane
 Concen: 45.776 ug/l
 RT: 7.646 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18

Instrument :
 MSVOA_Y
 ClientSampleId :

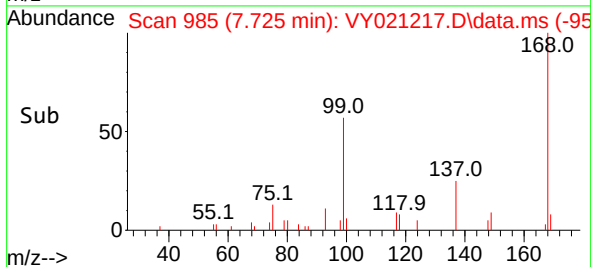
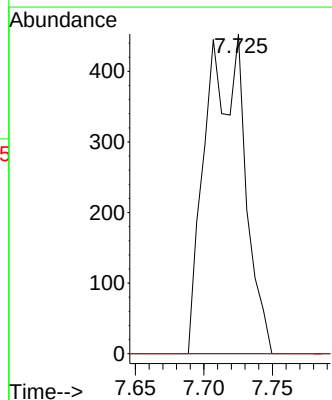
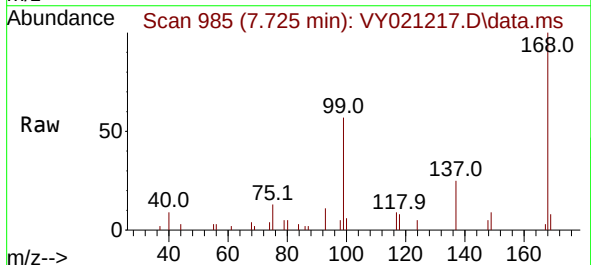


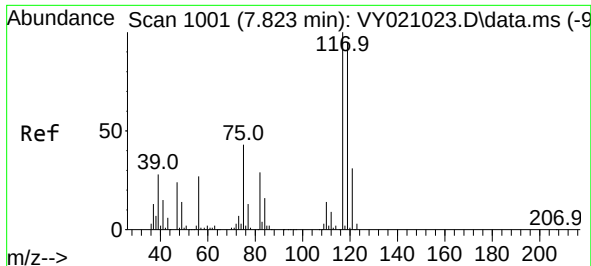
Tgt Ion:113 Resp: 4438
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.8 125.6
 192 23.2 14.5 21.7#



#36
 1,1-Dichloropropene
 Concen: 6.198 ug/l
 RT: 7.725 min Scan# 985
 Delta R.T. -0.116 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18

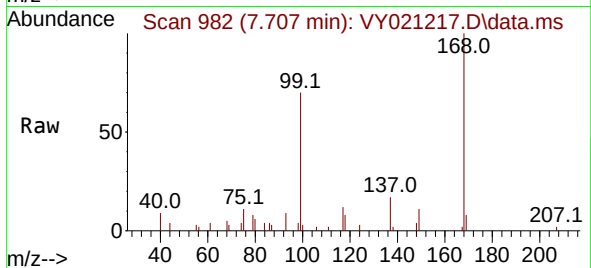
Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



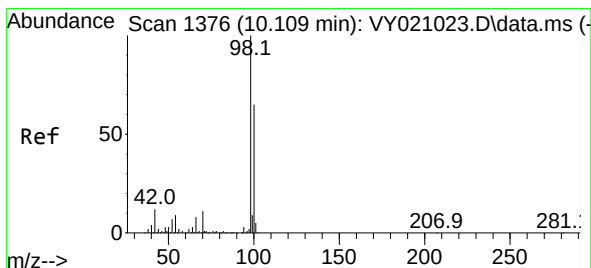
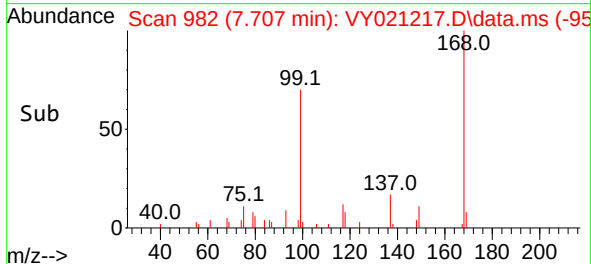
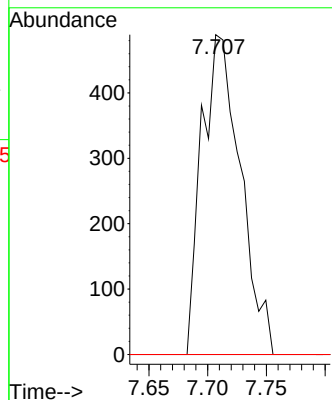


#38
Carbon Tetrachloride
Concen: 6.675 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Instrument :
MSVOA_Y
ClientSampleId :

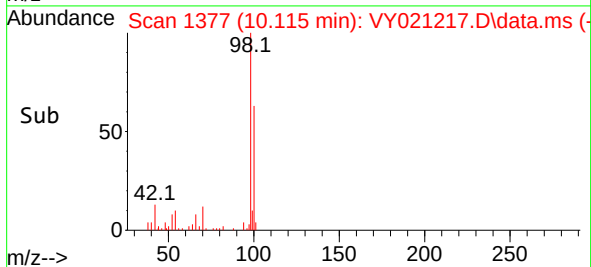
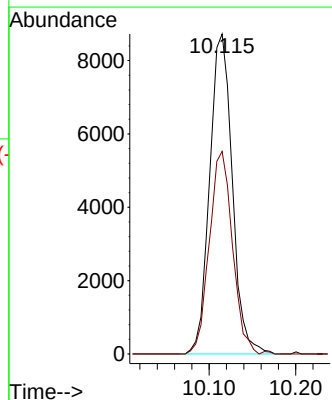
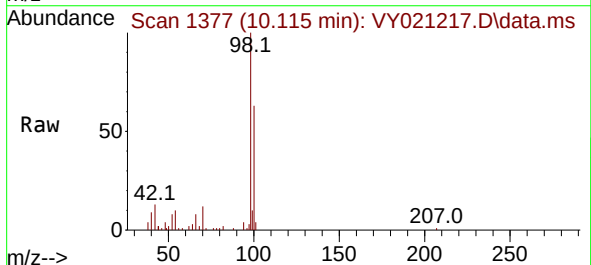


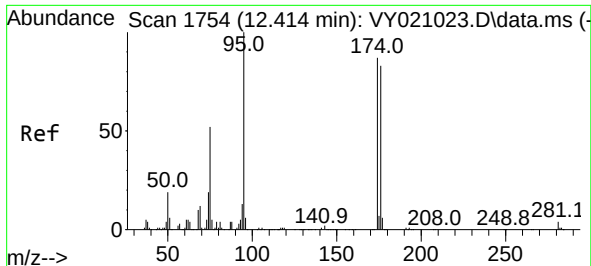
Tgt Ion:117 Resp: 1120
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 42.856 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 98 Resp: 15818
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

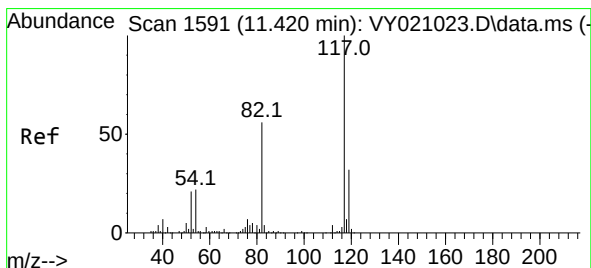
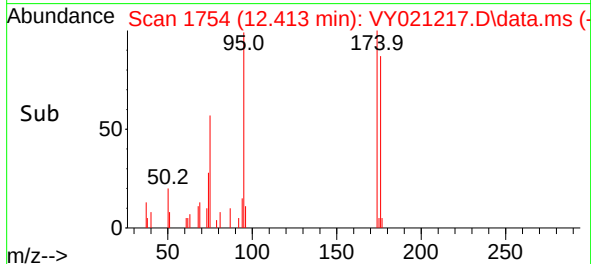
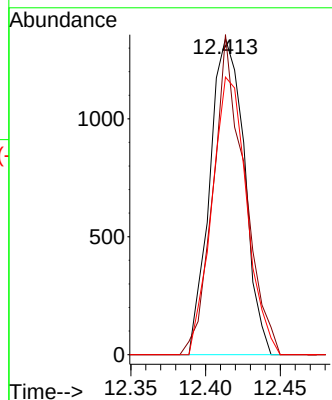
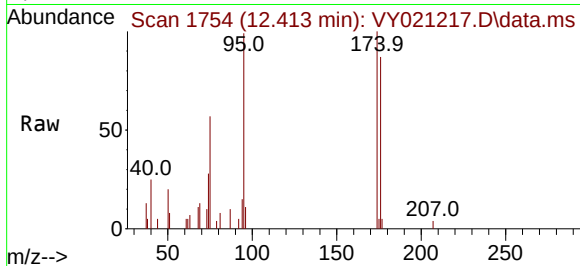




#62
4-Bromofluorobenzene
Concen: 17.872 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

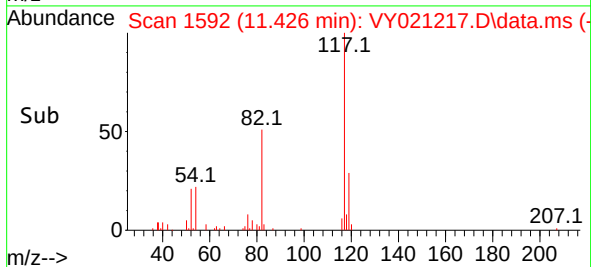
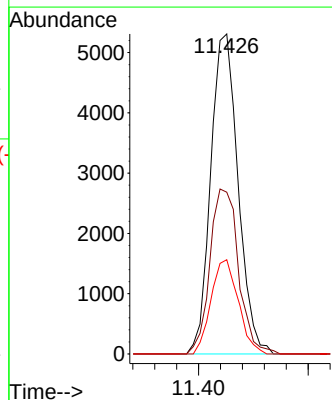
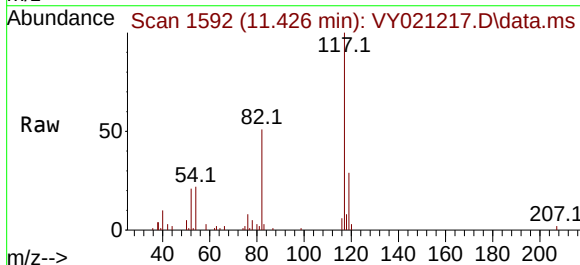
Instrument :
MSVOA_Y
ClientSampleId :

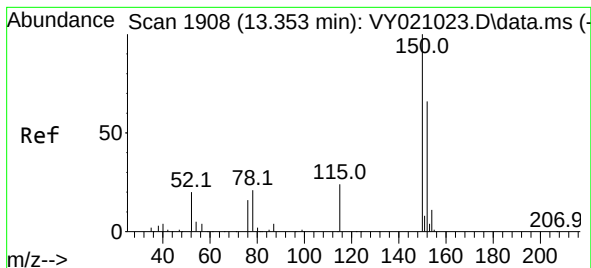
Tgt Ion: 95 Resp: 2155
Ion Ratio Lower Upper
95 100
174 91.8 0.0 160.0
176 88.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 117 Resp: 9208
Ion Ratio Lower Upper
117 100
82 50.6 43.8 65.8
119 29.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

Instrument :

MSVOA_Y

ClientSampleId :

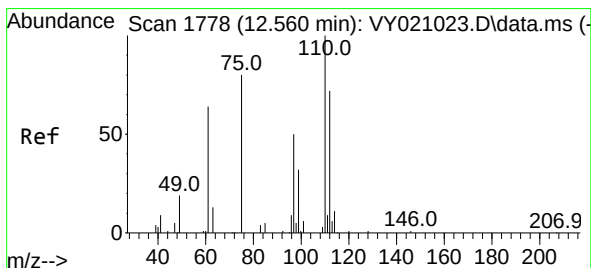
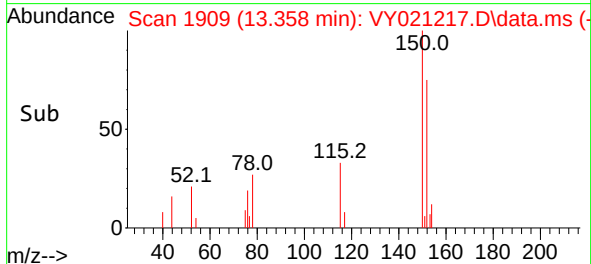
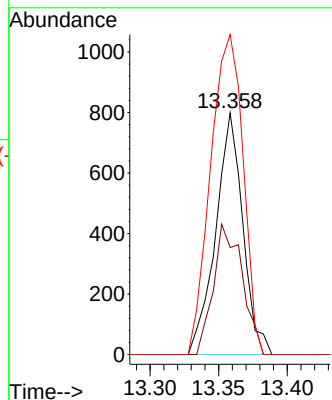
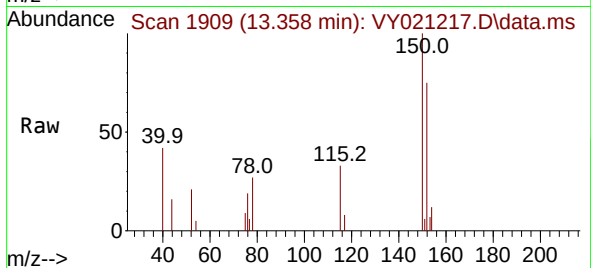
Tgt Ion:152 Resp: 1102

Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.0

150 158.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 122.643 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY021217.D

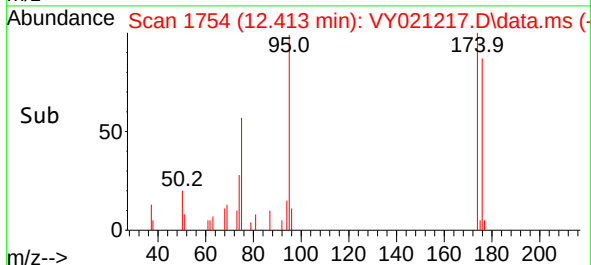
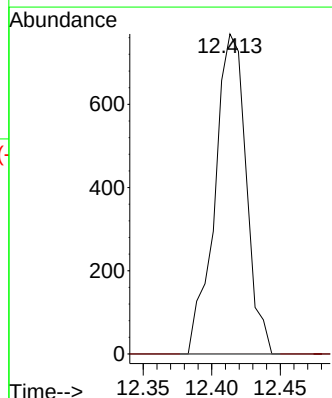
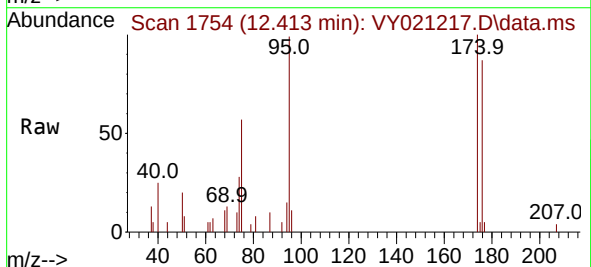
Acq: 17 Feb 2025 13:18

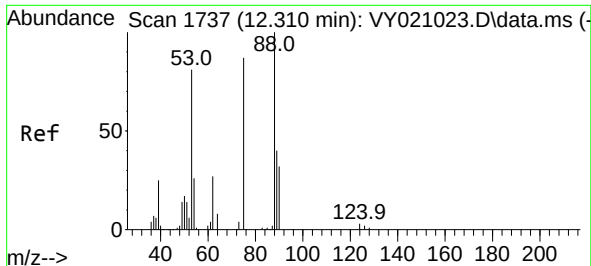
Tgt Ion: 75 Resp: 1226

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

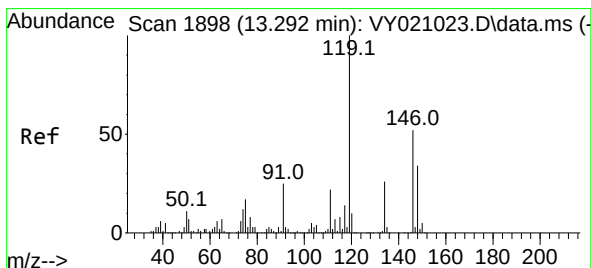
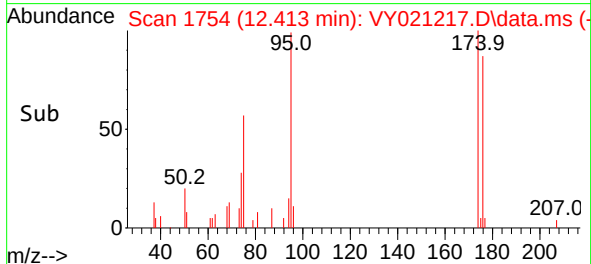
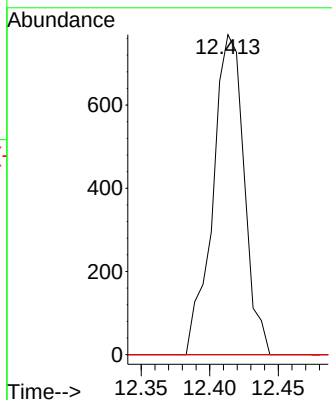
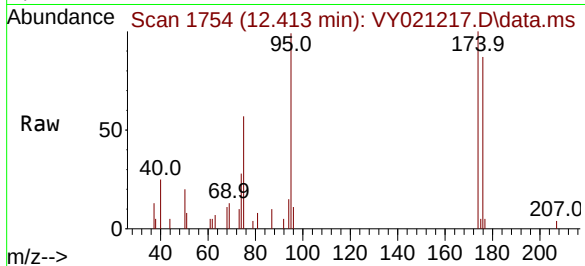




#81
 trans-1,4-Dichloro-2-butene
 Concen: 250.250 ug/l
 RT: 12.413 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18

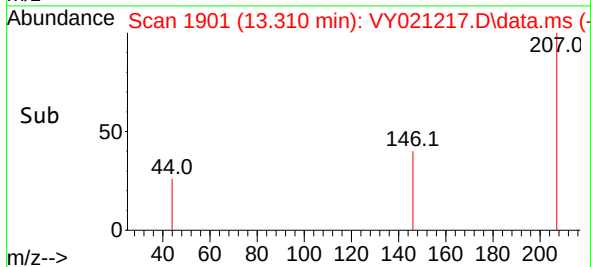
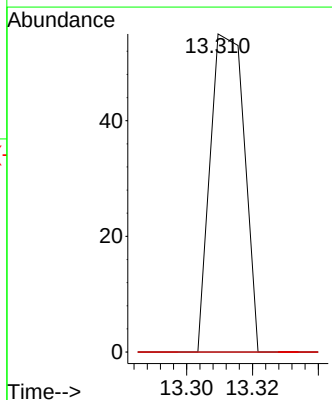
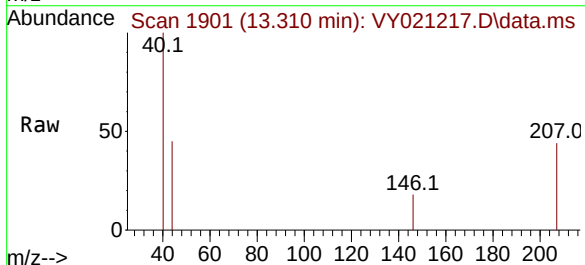
Instrument :
 MSVOA_Y
 ClientSampleId :

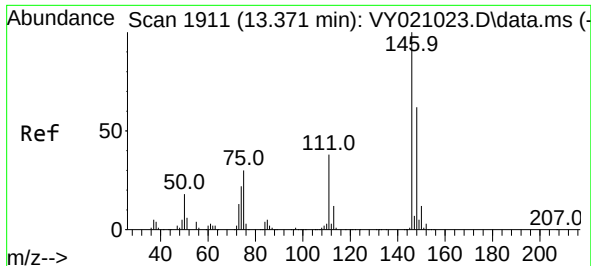
Tgt Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#



#87
 1,3-Dichlorobenzene
 Concen: 1.043 ug/l
 RT: 13.310 min Scan# 1901
 Delta R.T. 0.018 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18

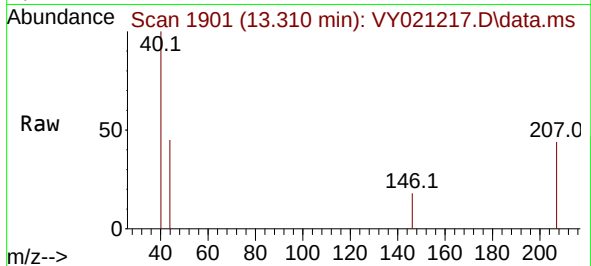
Tgt Ion: 146 Resp: 40
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 0.0 31.9 95.9#



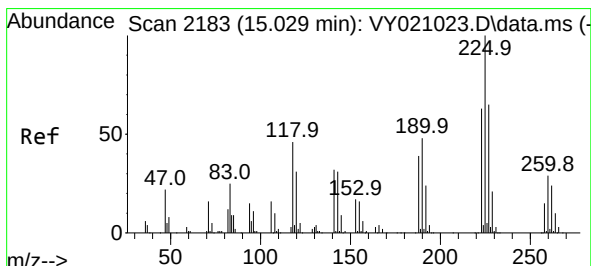
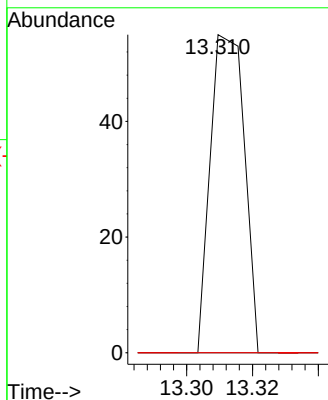
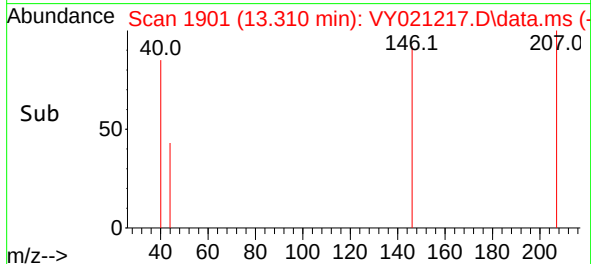


#88
 1,4-Dichlorobenzene
 Concen: 1.059 ug/l
 RT: 13.310 min Scan# 1911
 Delta R.T. -0.061 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18

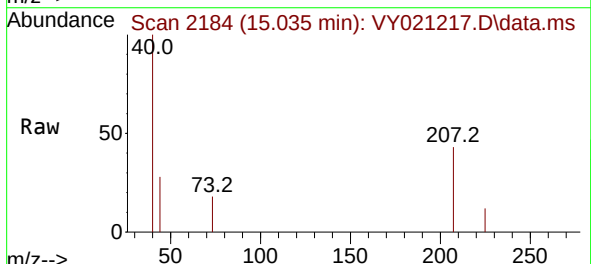
Instrument :
 MSVOA_Y
 ClientSampleId :



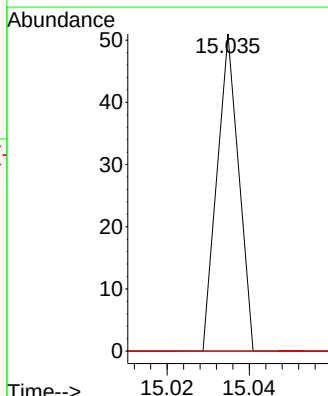
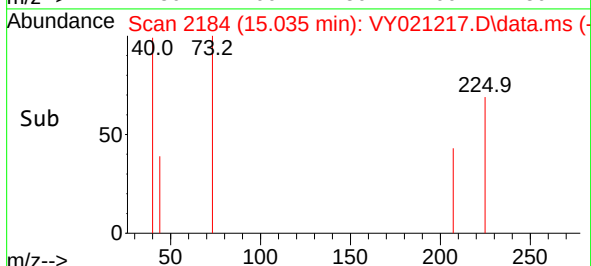
Tgt Ion:146 Resp: 40
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.3 57.9#
 148 0.0 31.6 94.7#

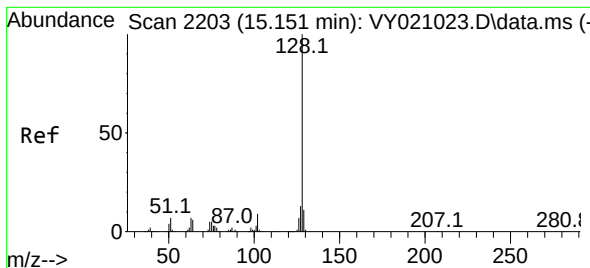


#94
 Hexachlorobutadiene
 Concen: 1.547 ug/l
 RT: 15.035 min Scan# 2184
 Delta R.T. 0.006 min
 Lab File: VY021217.D
 Acq: 17 Feb 2025 13:18



Tgt Ion:225 Resp: 19
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.4 94.3#
 227 0.0 32.3 96.8#





#95

Naphthalene

Concen: 7.927 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.001 min

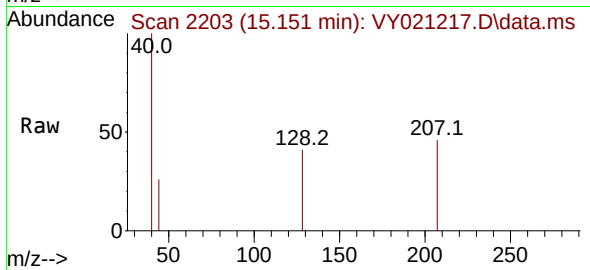
Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

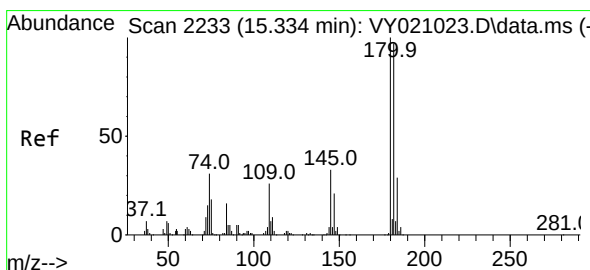
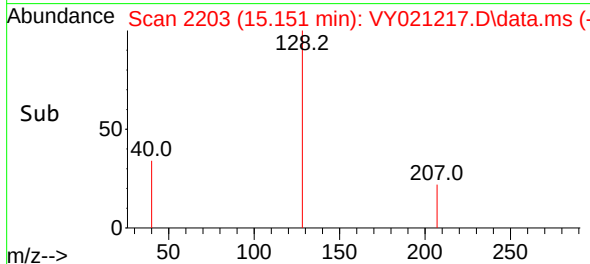
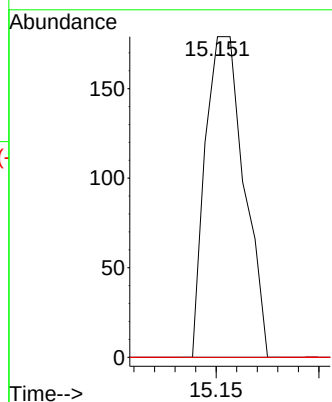
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	235
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#



#96

1,2,3-Trichlorobenzene

Concen: 8.754 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

Tgt Ion:	180	Resp:	135
Ion	Ratio	Lower	Upper
180	100		
182	123.0	46.3	138.8
145	0.0	16.1	48.2#

