

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021218.D
 Acq On : 17 Feb 2025 13:41
 Operator : SY/MD
 Sample : Q1365-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:47:17 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)

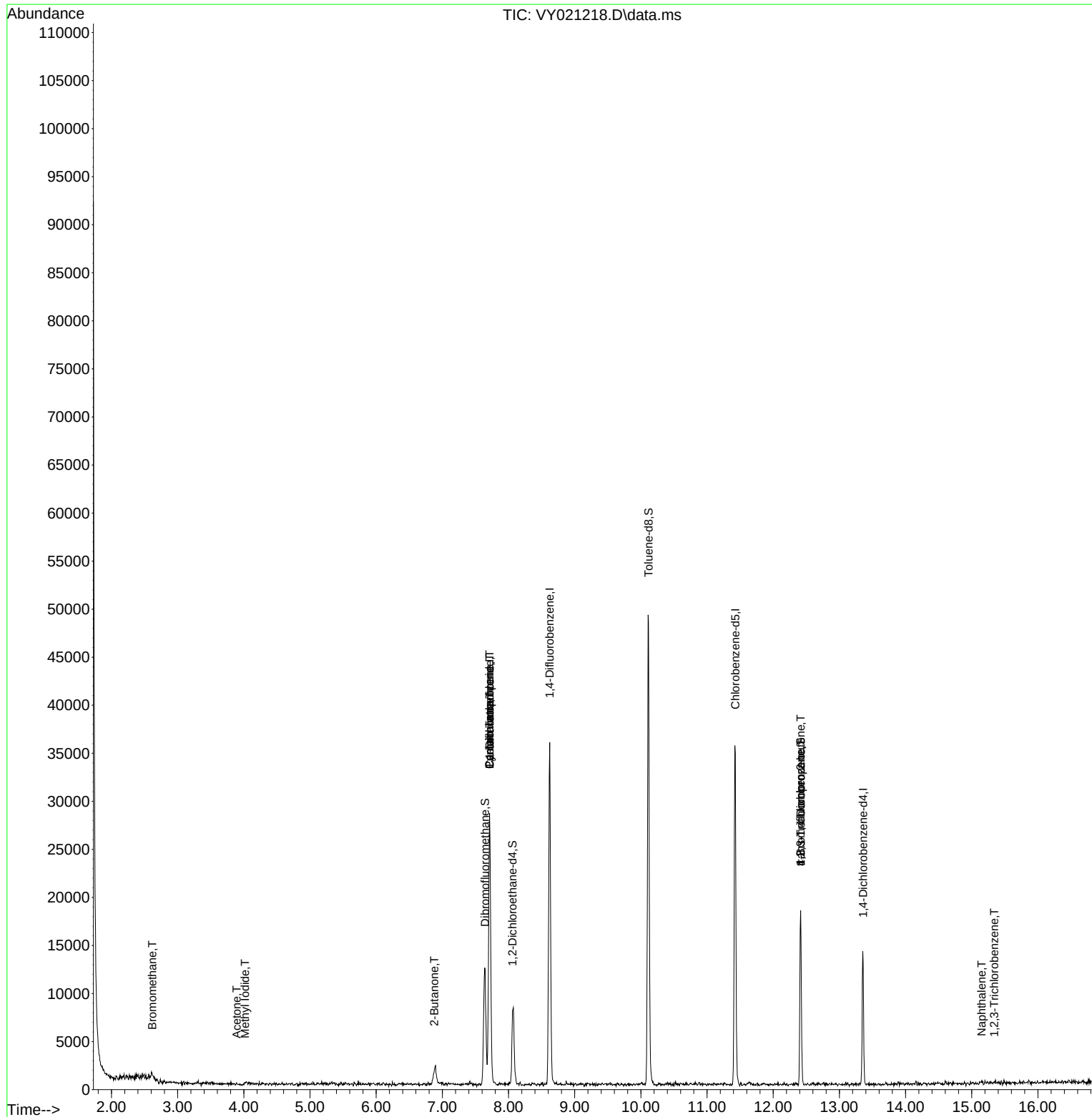
Internal Standards						
1) Pentafluorobenzene	7.713	168	21012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	29106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	19427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	3641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7579	35.205	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.400%		
35) Dibromofluoromethane	7.646	113	8938	47.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.115	98	33595	47.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.620%		
62) 4-Bromofluorobenzene	12.414	95	5630	24.267	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	48.540%		
Target Compounds						Qvalue
5) Bromomethane	2.617	94	310	2.697	ug/l	92
10) Methyl Iodide	4.019	142	367	1.553	ug/l #	82
16) Acetone	3.891	43	64	1.906	ug/l #	41
25) 2-Butanone	6.878	43	105	1.903	ug/l #	48
31) Cyclohexane	7.713	56	560	1.525	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	1805	6.533	ug/l #	43
38) Carbon Tetrachloride	7.713	117	2188	6.778	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	3050	92.345	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	3050	188.428	ug/l #	12
95) Naphthalene	15.151	128	281	2.869	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.340	180	76	1.492	ug/l #	72

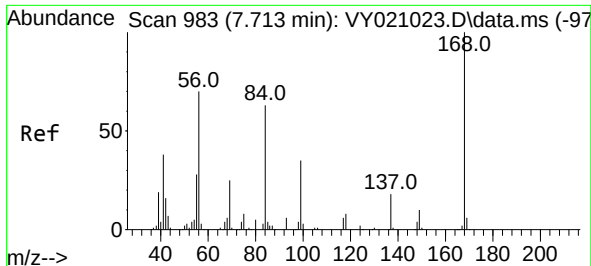
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
Data File : VY021218.D
Acq On : 17 Feb 2025 13:41
Operator : SY/MD
Sample : Q1365-06
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 18 00:47:17 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

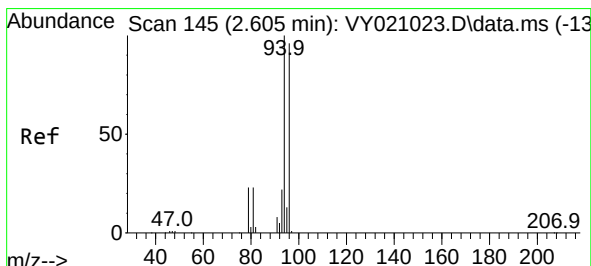
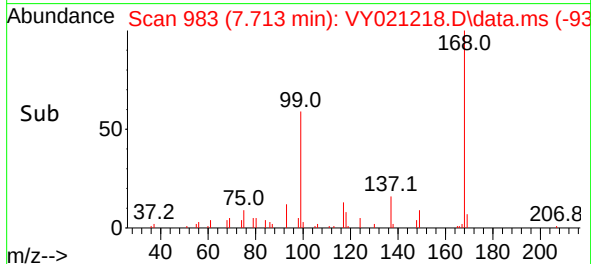
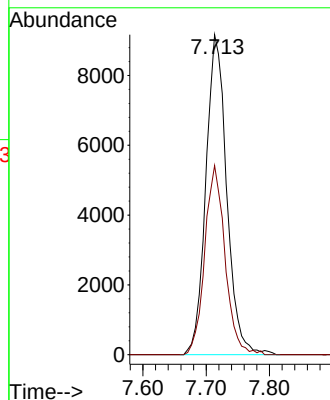
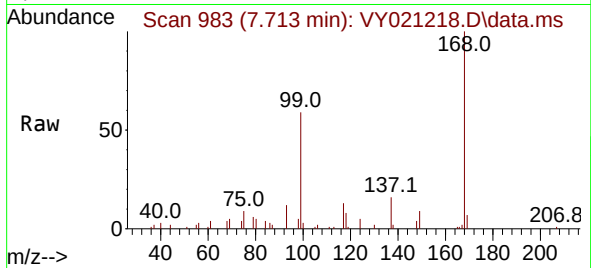




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

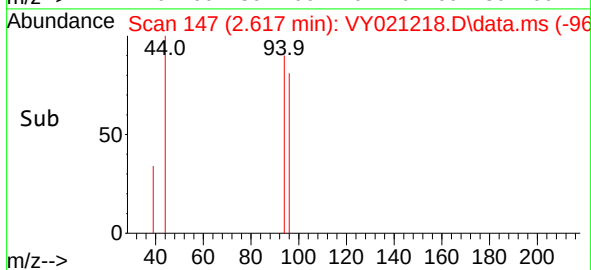
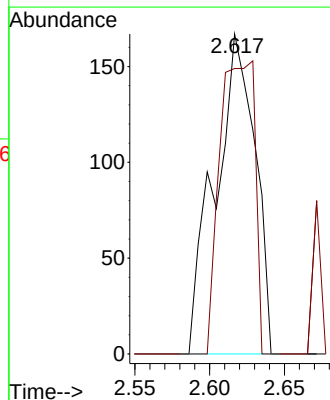
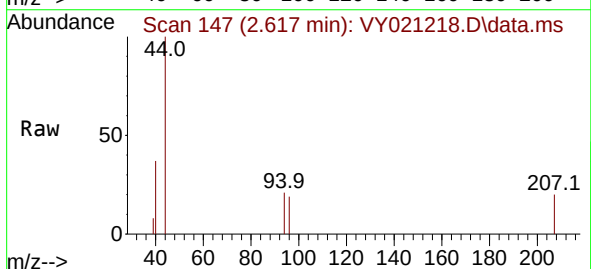
Instrument :
MSVOA_Y
ClientSampleId :

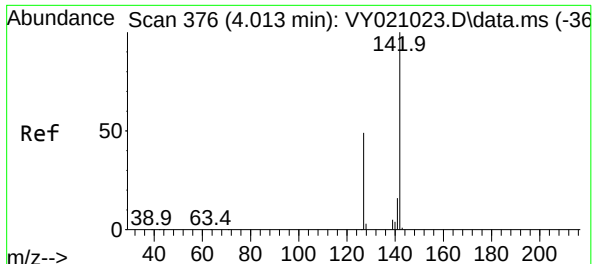
Tgt Ion:168 Resp: 21012
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#5
Bromomethane
Concen: 2.697 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.012 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

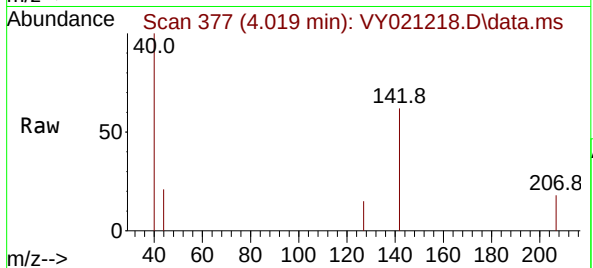
Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 89.2 77.3 115.9



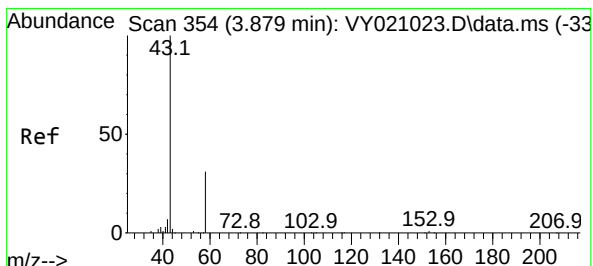
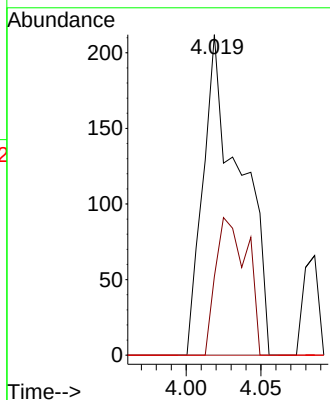
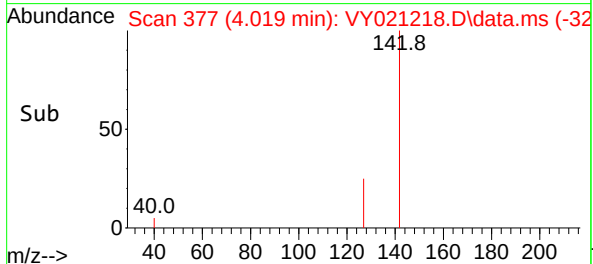


#10
Methyl Iodide
Concen: 1.553 ug/l
RT: 4.019 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :

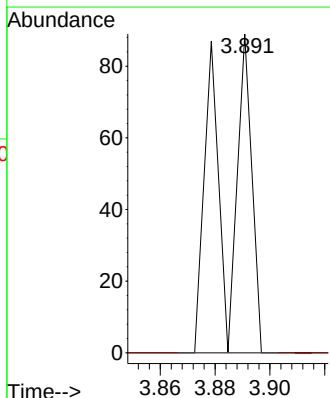
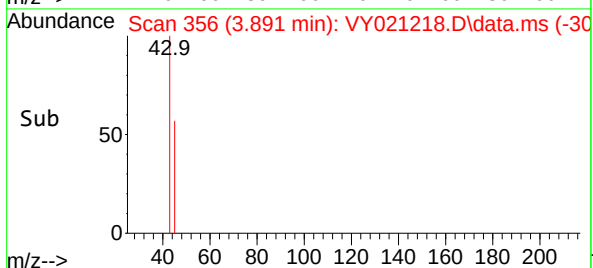
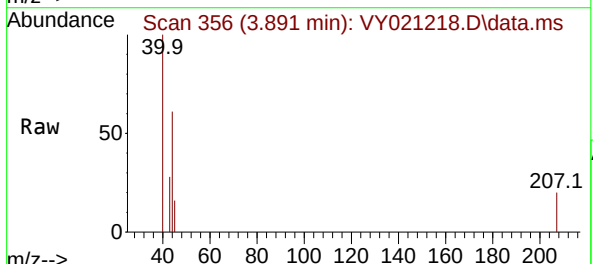


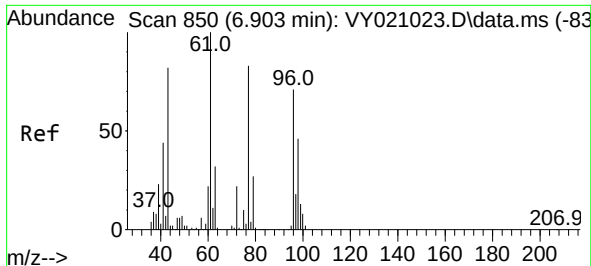
Tgt Ion:142 Resp: 367
Ion Ratio Lower Upper
142 100
127 36.2 35.1 52.7
141 0.0 11.8 17.6#



#16
Acetone
Concen: 1.906 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

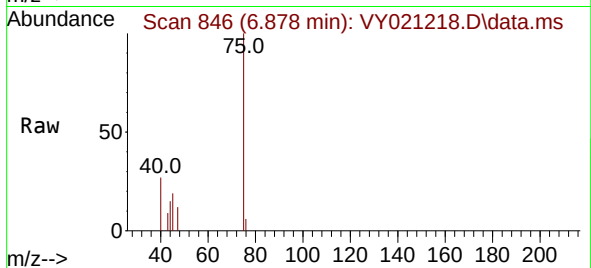
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



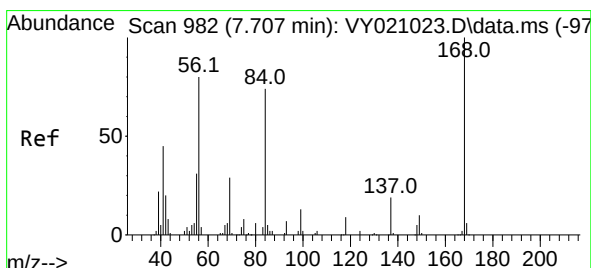
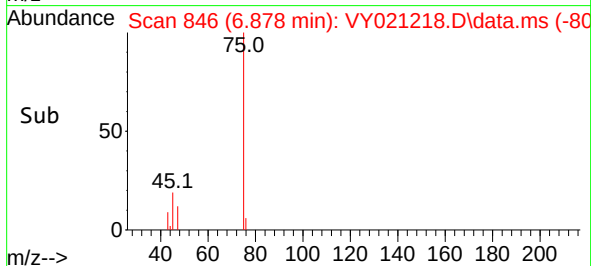
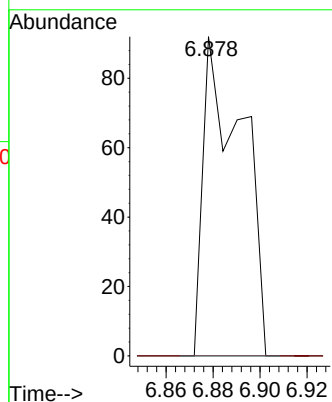


#25
2-Butanone
Concen: 1.903 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.025 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :

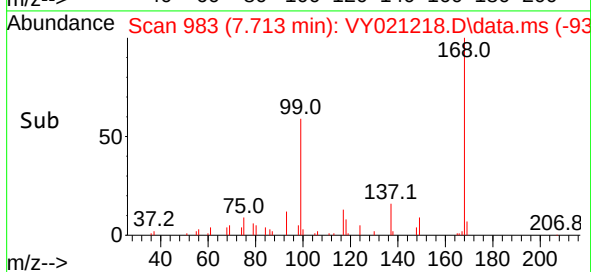
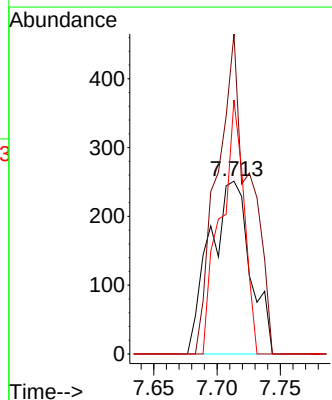
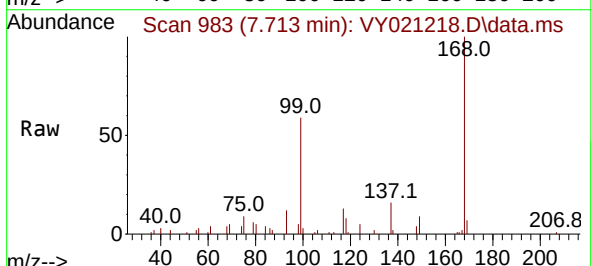


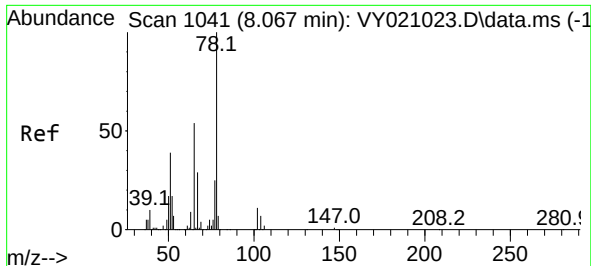
Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.525 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Tgt Ion: 56 Resp: 560
Ion Ratio Lower Upper
56 100
69 185.3 27.0 40.6#
84 147.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 35.205 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY021218.D

Acq: 17 Feb 2025 13:41

Instrument :

MSVOA_Y

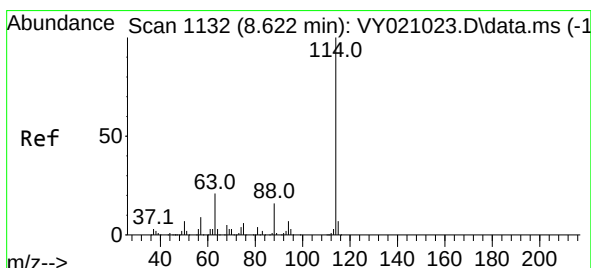
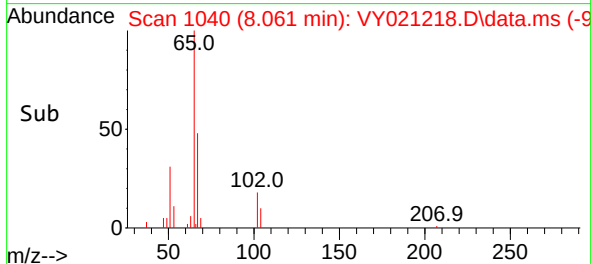
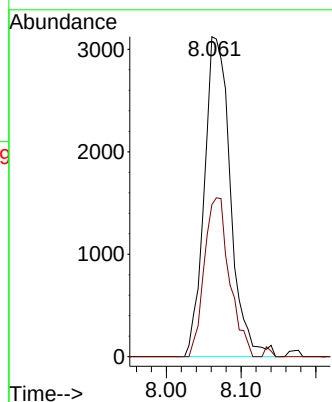
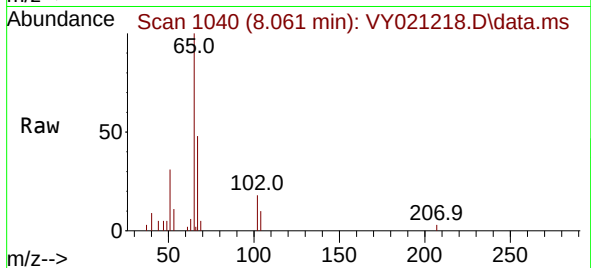
ClientSampleId :

Tgt Ion: 65 Resp: 7579

Ion Ratio Lower Upper

65 100

67 47.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021218.D

Acq: 17 Feb 2025 13:41

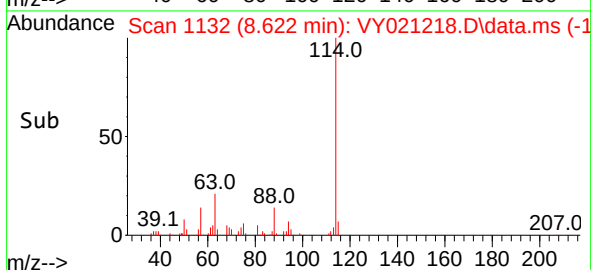
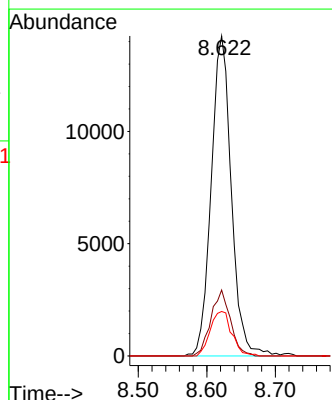
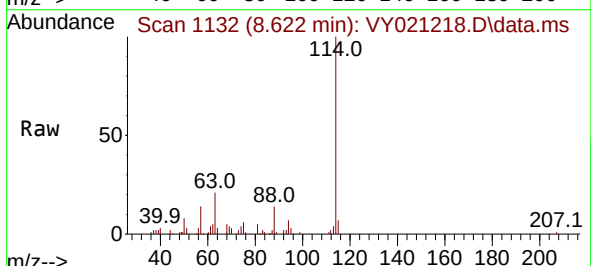
Tgt Ion: 114 Resp: 29106

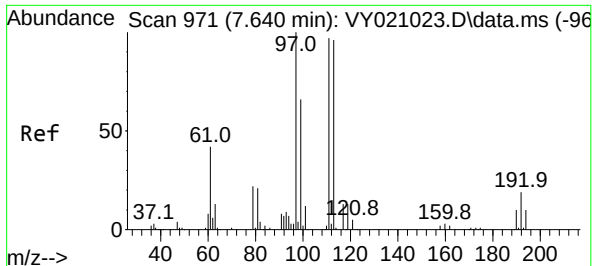
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

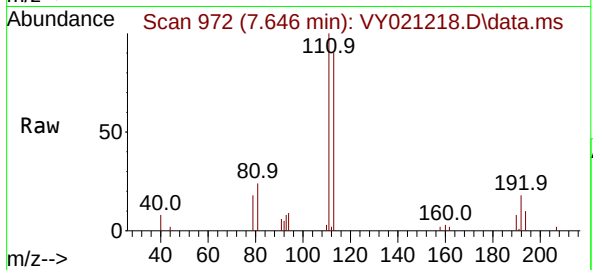
88 13.9 0.0 29.0



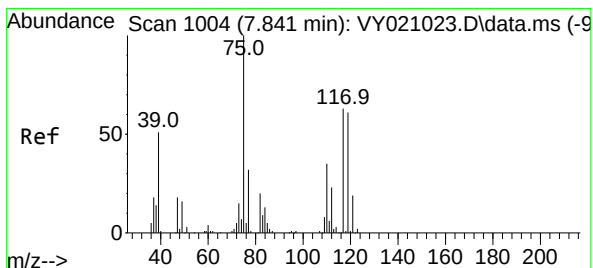
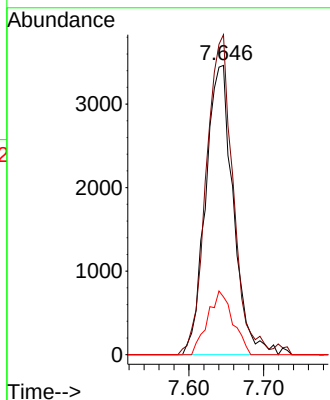
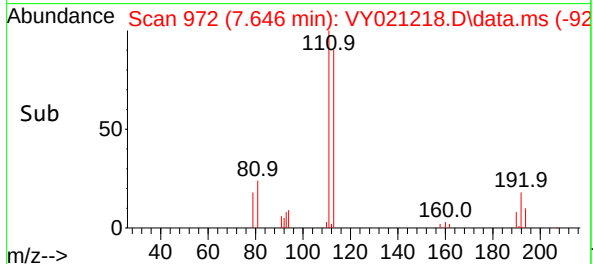


#35
Dibromofluoromethane
Concen: 47.917 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :

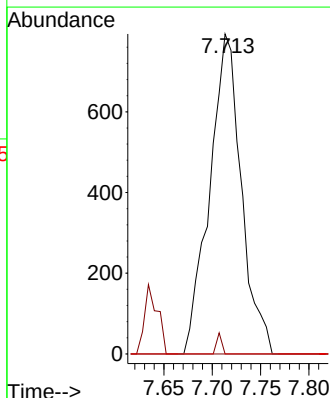
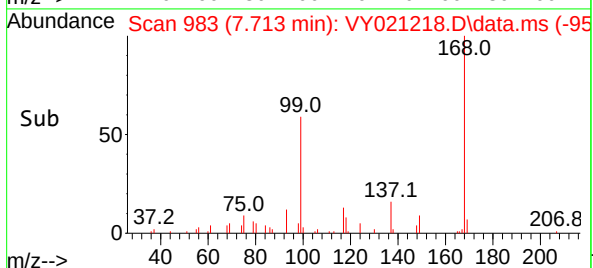
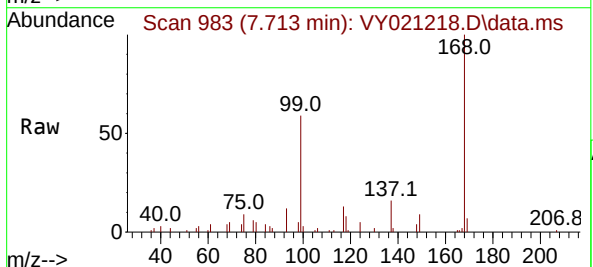


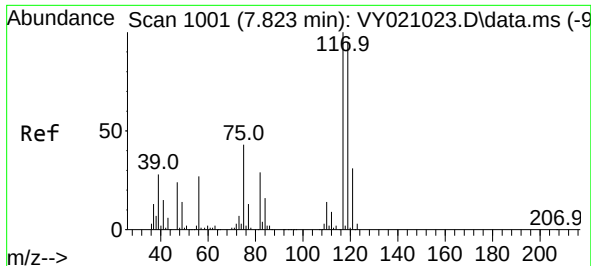
Tgt Ion:113 Resp: 8938
Ion Ratio Lower Upper
113 100
111 106.9 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 6.533 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

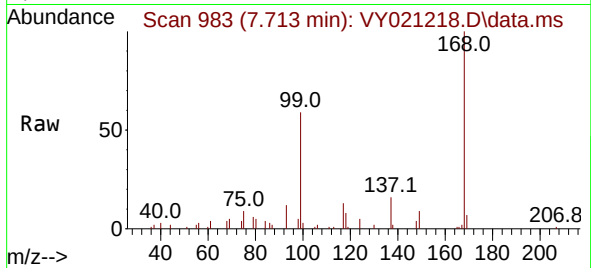
Tgt Ion: 75 Resp: 1805
Ion Ratio Lower Upper
75 100
110 1.1 17.4 52.3#
77 0.0 24.7 37.1#



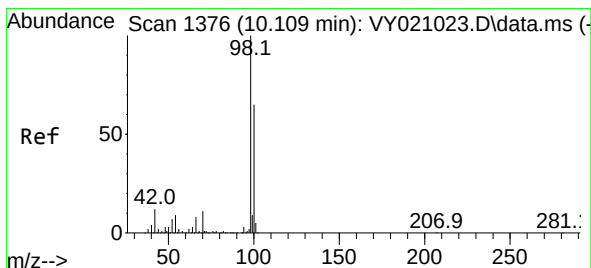
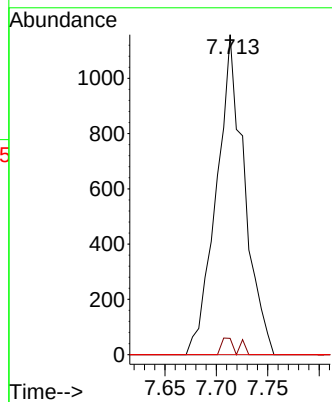
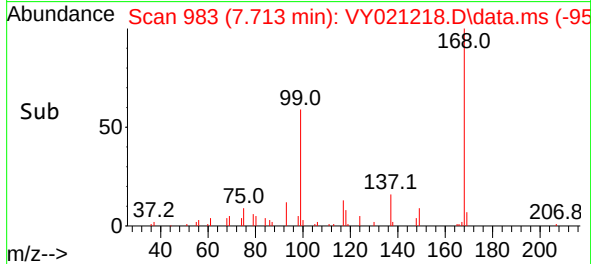


#38
Carbon Tetrachloride
Concen: 6.778 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

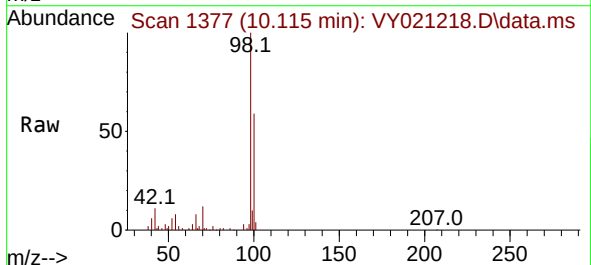
Instrument :
MSVOA_Y
ClientSampleId :



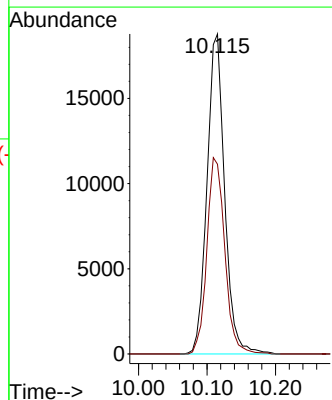
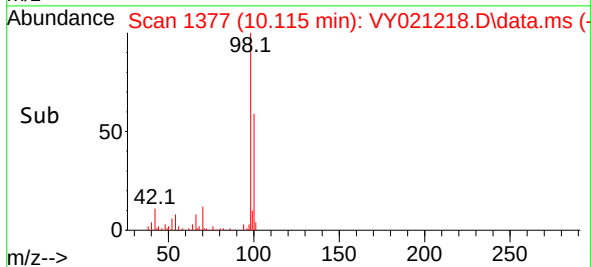
Tgt Ion:117 Resp: 2188
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.2 36.2#

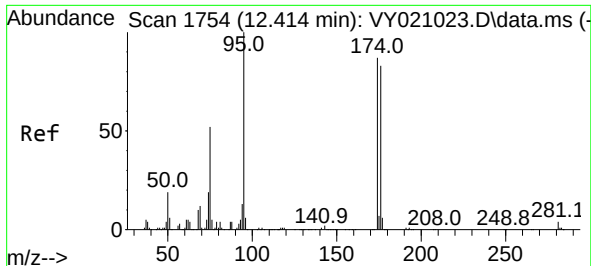


#50
Toluene-d8
Concen: 47.308 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41



Tgt Ion: 98 Resp: 33595
Ion Ratio Lower Upper
98 100
100 62.4 52.3 78.5

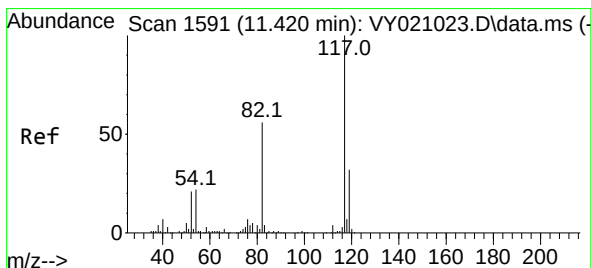
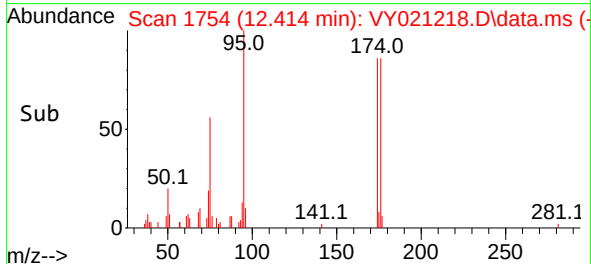
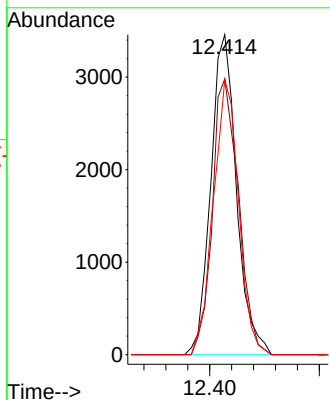
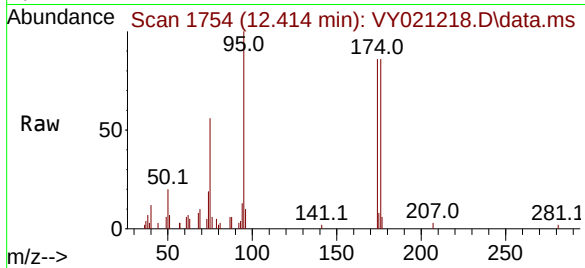




#62
4-Bromofluorobenzene
Concen: 24.267 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

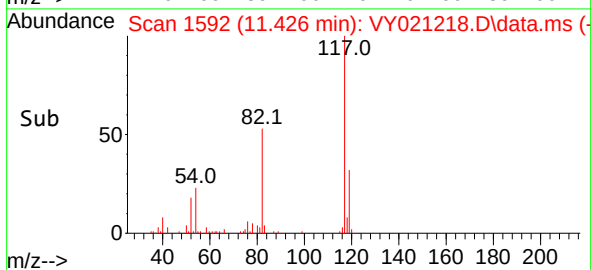
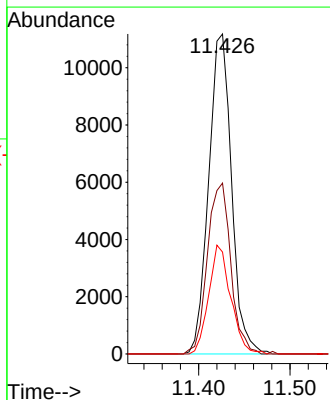
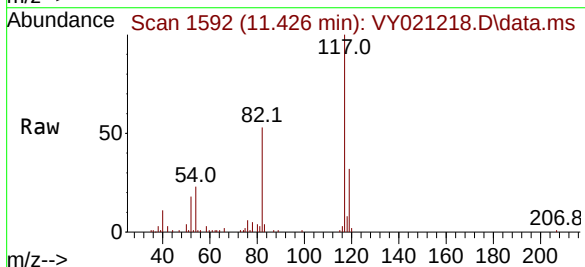
Instrument :
MSVOA_Y
ClientSampleId :

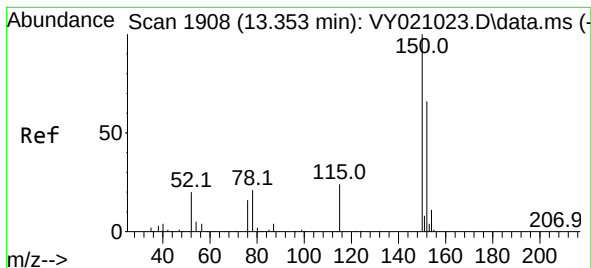
Tgt Ion:	95	Resp:	5630
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	160.0
176	84.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Tgt Ion:	117	Resp:	19427
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	31.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021218.D

Acq: 17 Feb 2025 13:41

Instrument :

MSVOA_Y

ClientSampleId :

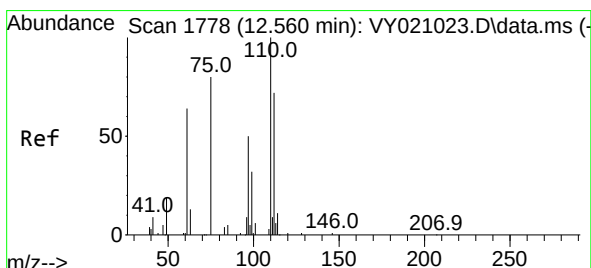
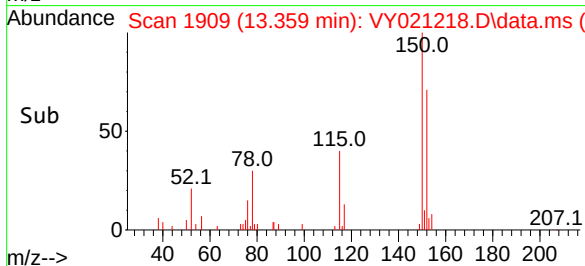
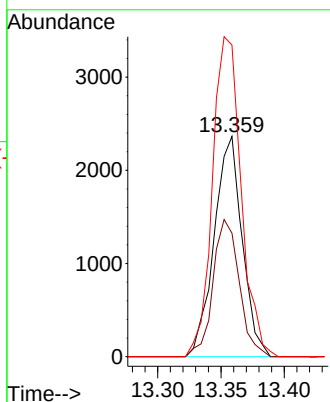
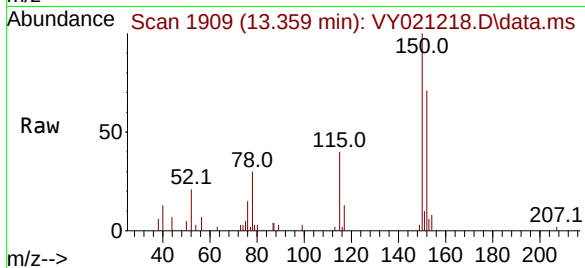
Tgt Ion:152 Resp: 3641

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 148.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 92.345 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021218.D

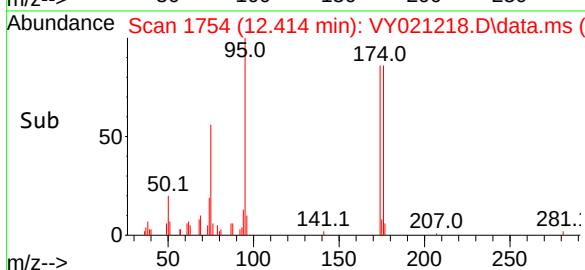
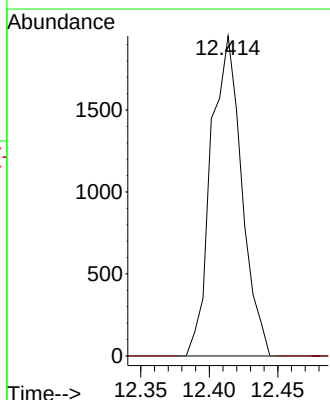
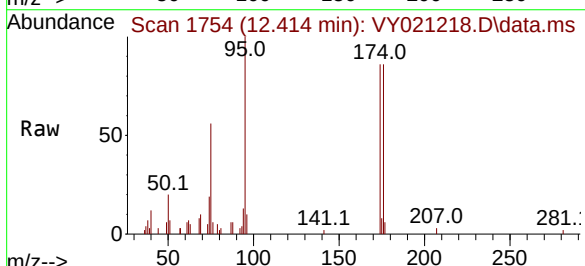
Acq: 17 Feb 2025 13:41

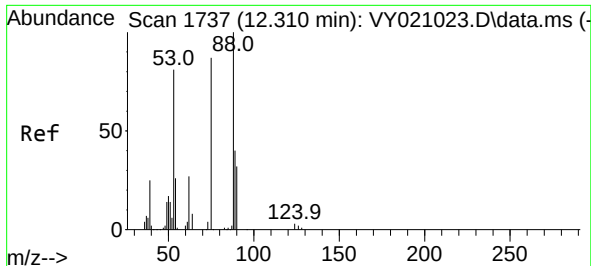
Tgt Ion: 75 Resp: 3050

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

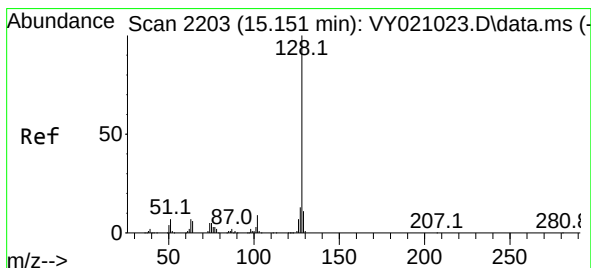
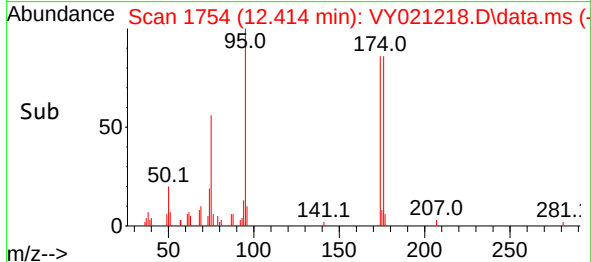
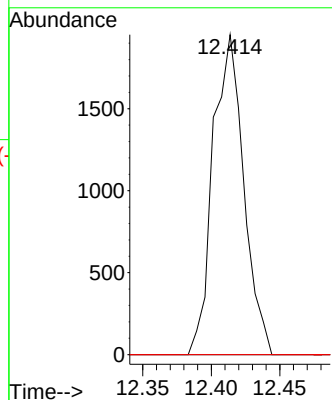
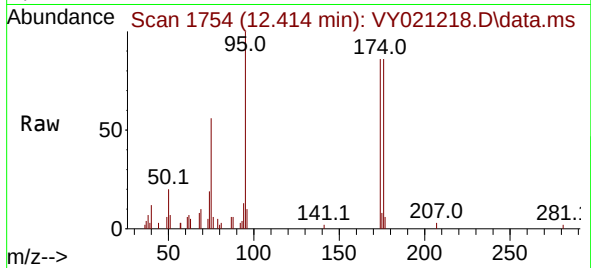




#81
trans-1,4-Dichloro-2-butene
Concen: 188.428 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

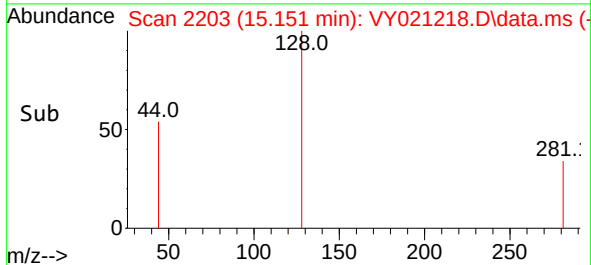
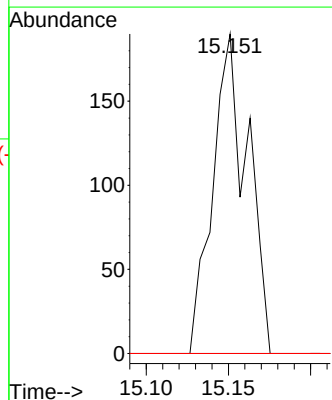
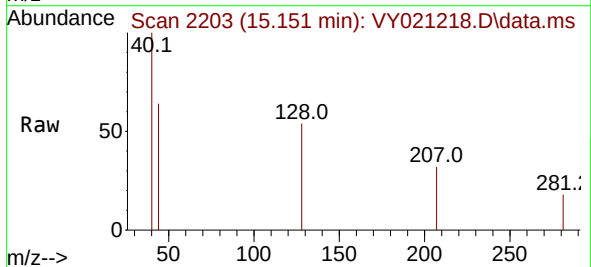
Instrument :
MSVOA_Y
ClientSampleId :

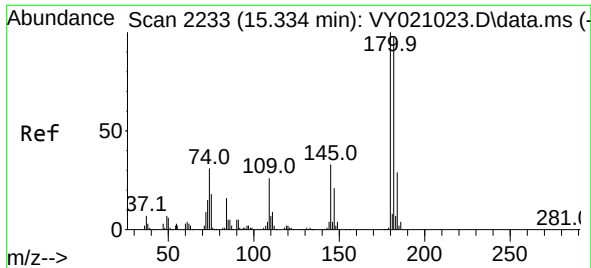
Tgt Ion: 75 Resp: 3050
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 2.869 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

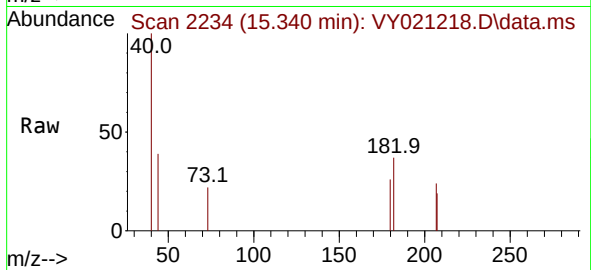
Tgt Ion: 128 Resp: 281
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.492 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021218.D
 Acq: 17 Feb 2025 13:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	76
Ion	Ratio	Lower	Upper
180	100		
182	109.2	46.3	138.8
145	0.0	16.1	48.2#

