

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008780.D
 Acq On : 17 May 2022 18:44
 Operator : KP/MD
 Sample : VY0517SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

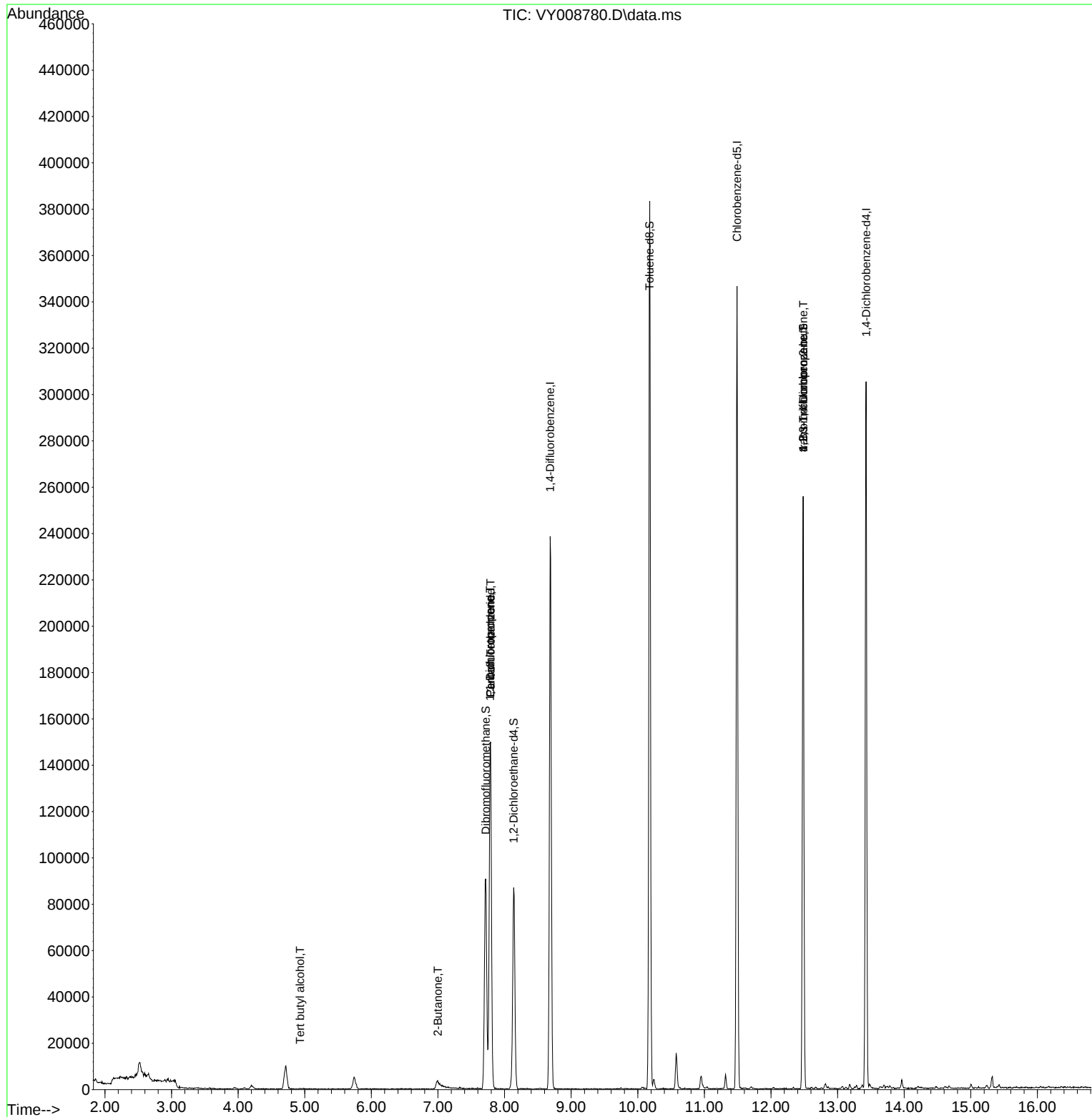
Internal Standards						
1) Pentafluorobenzene	7.789	168	119303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	179356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64786	58.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.080%	
35) Dibromofluoromethane	7.716	113	63237	53.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.840%	
50) Toluene-d8	10.179	98	245643	46.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	12.483	95	68226	37.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	456	Below Cal	#	82
4) Vinyl Chloride	2.260	62	129	Below Cal	#	43
5) Bromomethane	2.668	94	688	Below Cal	#	66
6) Chloroethane	2.753	64	35	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	206	1.684	ug/l #	77
16) Acetone	3.948	43	1132	Below Cal		99
18) Methyl Acetate	4.320	43	48	Below Cal	#	56
20) Methylene Chloride	4.710	84	7292	Below Cal		89
25) 2-Butanone	6.997	43	598	1.287	ug/l #	54
31) Cyclohexane	7.789	56	3079	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	10059	5.306	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11411	5.616	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	38064	43.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38064	96.135	ug/l #	7

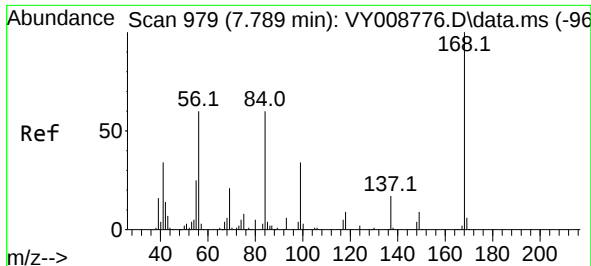
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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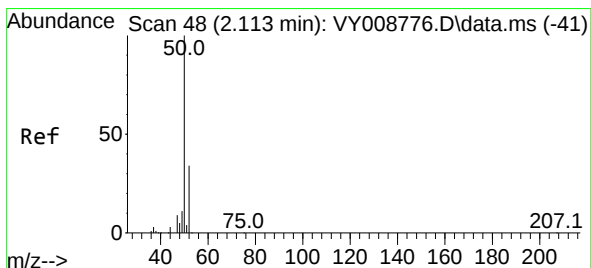
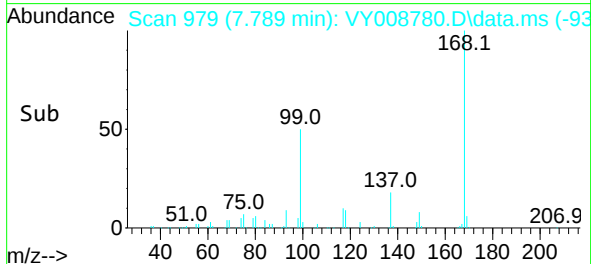
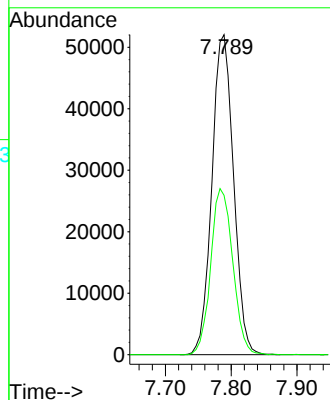
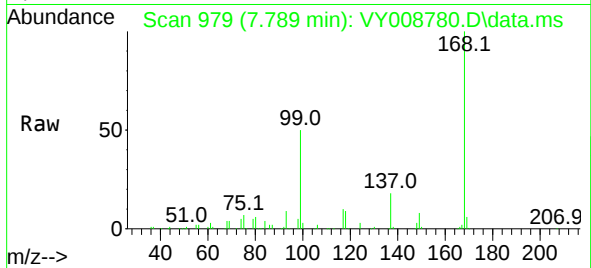




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

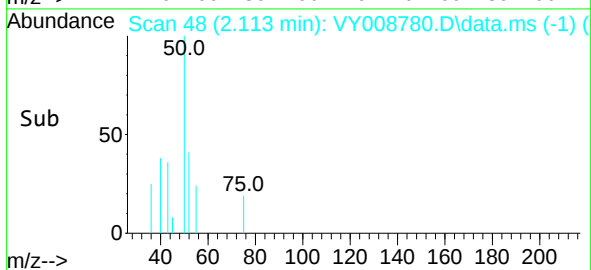
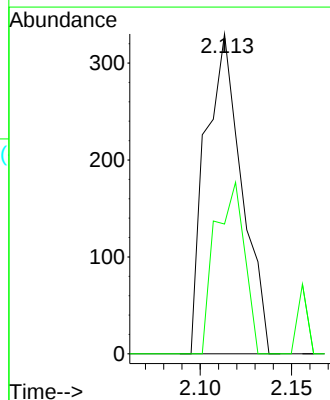
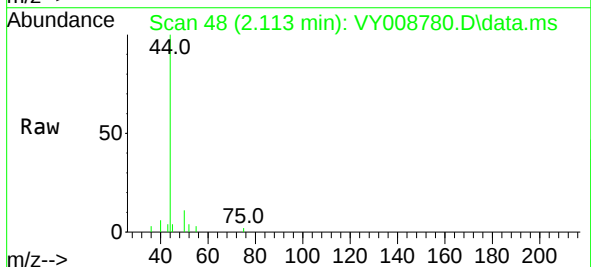
Instrument :
MSVOA_Y
ClientSampleId :

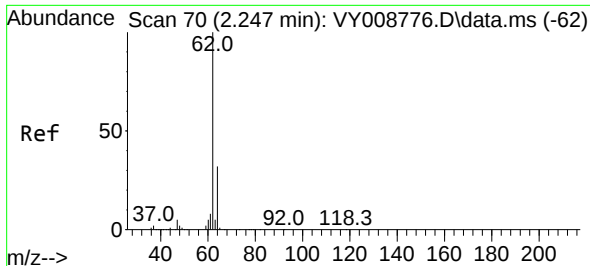
Tgt Ion:168 Resp: 119303
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 40.6 24.6 37.0#

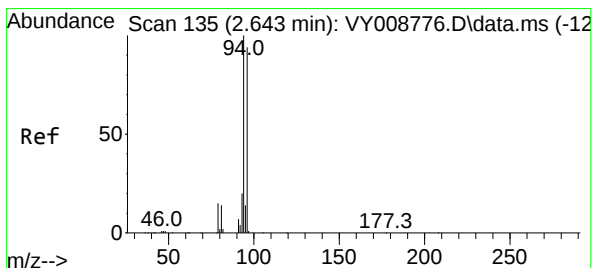
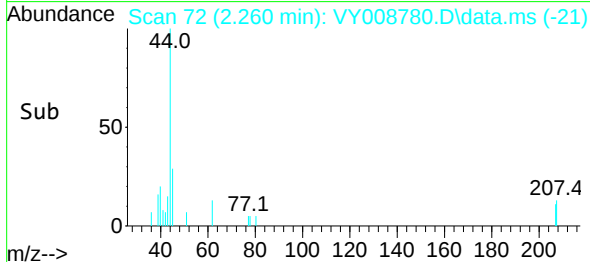
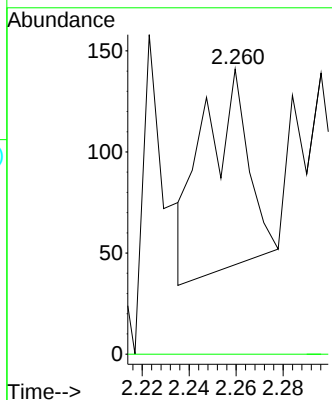
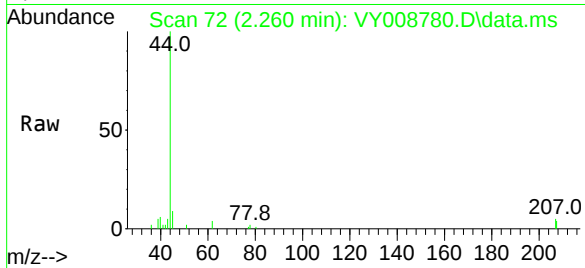




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.260 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

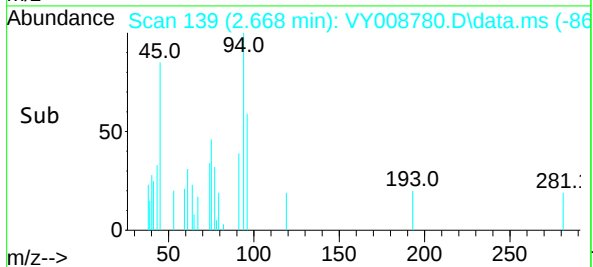
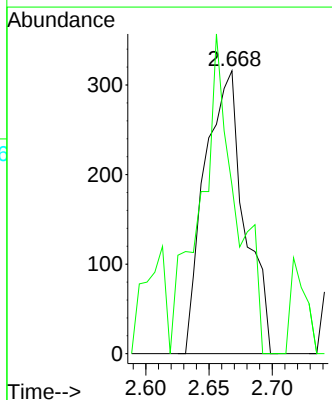
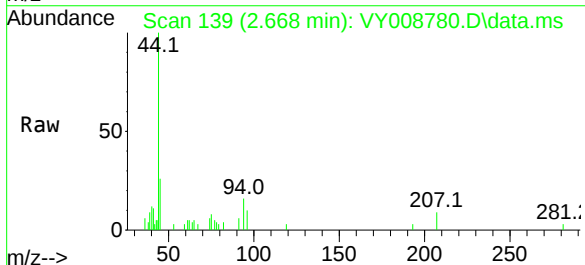
Instrument :
 MSVOA_Y
 ClientSampleId :

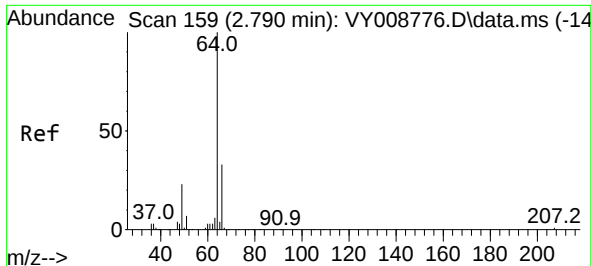
Tgt Ion: 62 Resp: 129
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

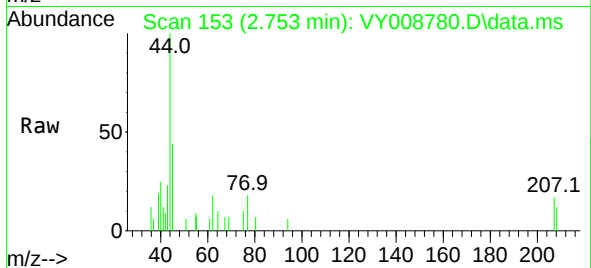
Tgt Ion: 94 Resp: 688
 Ion Ratio Lower Upper
 94 100
 96 59.5 73.5 110.3#



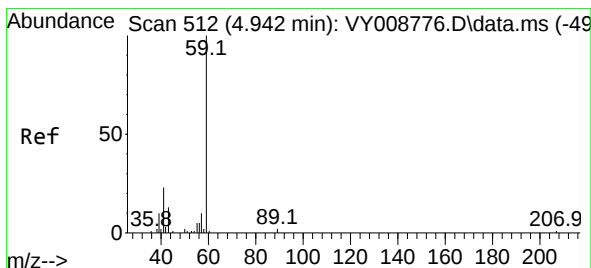
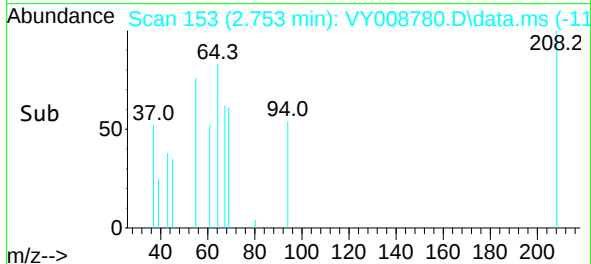
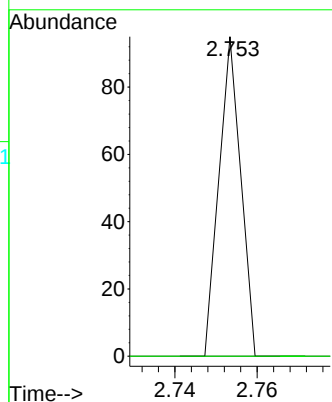


#6
Chloroethane
Concen: Below Cal
RT: 2.753 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :

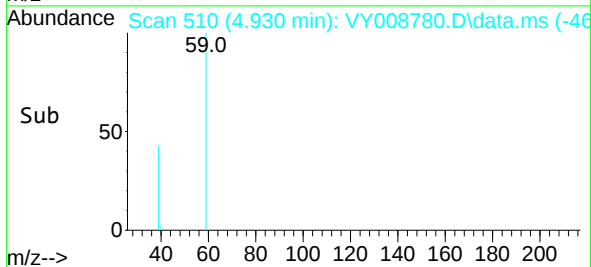
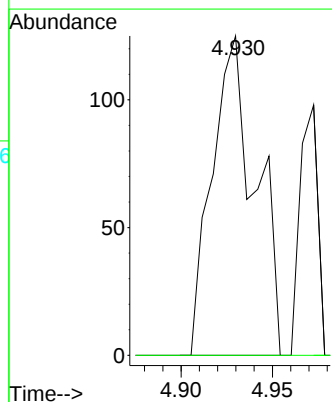
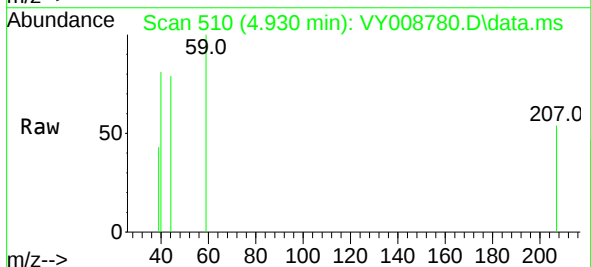


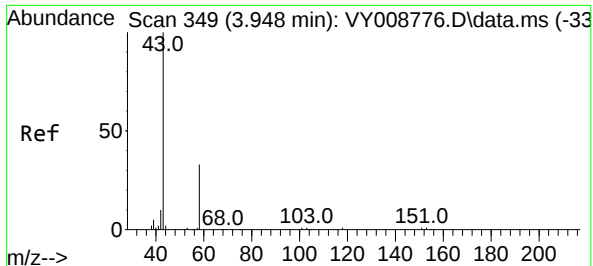
Tgt Ion: 64 Resp: 35
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.684 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

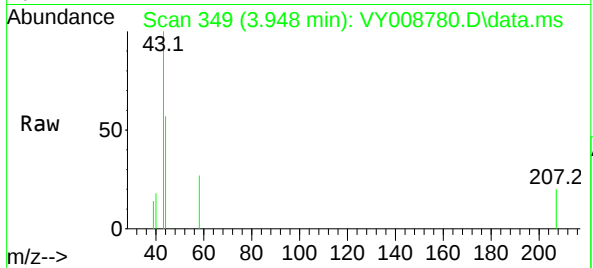
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



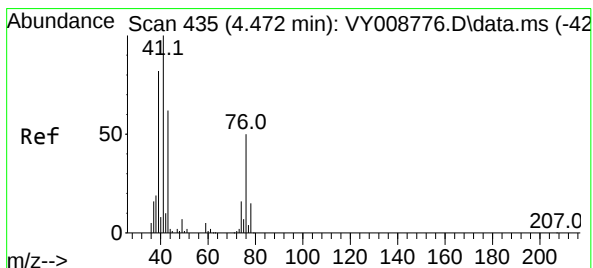
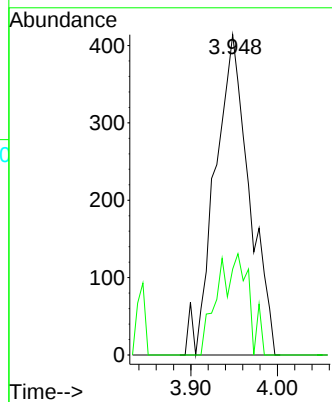
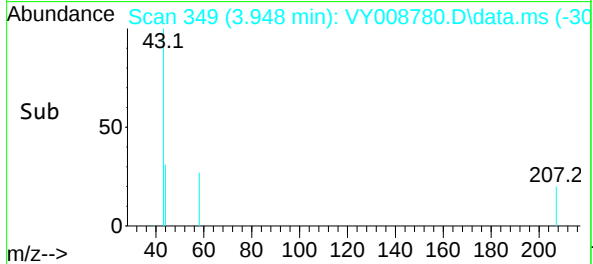


#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

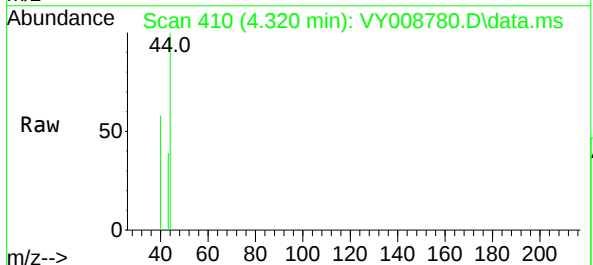
Instrument :
MSVOA_Y
ClientSampleId :



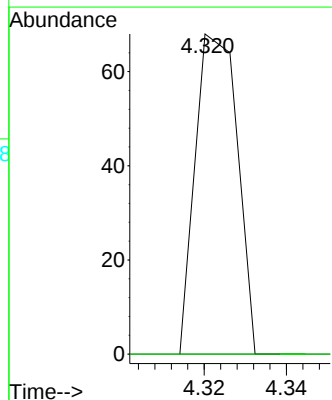
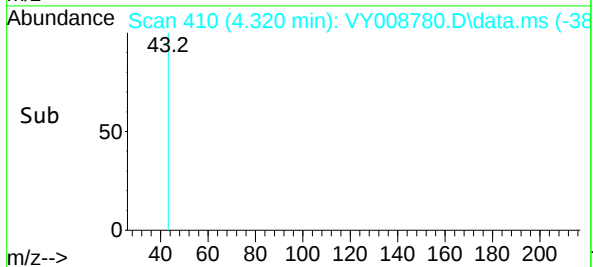
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0

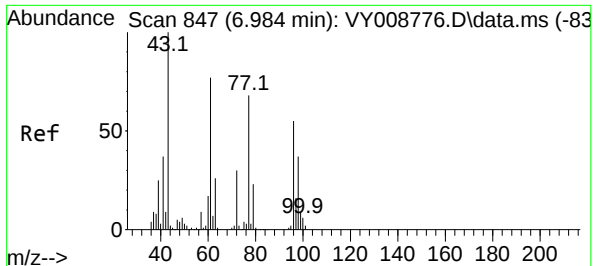


#18
Methyl Acetate
Concen: Below Cal
RT: 4.320 min Scan# 410
Delta R.T. -0.152 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44



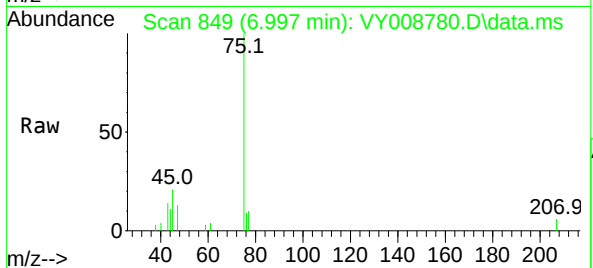
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



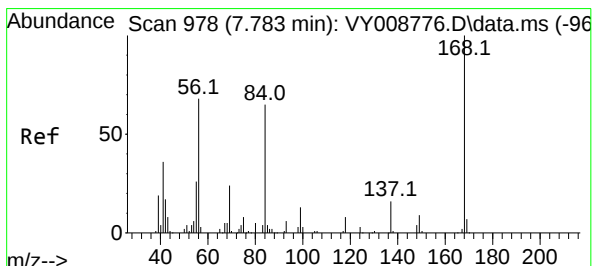
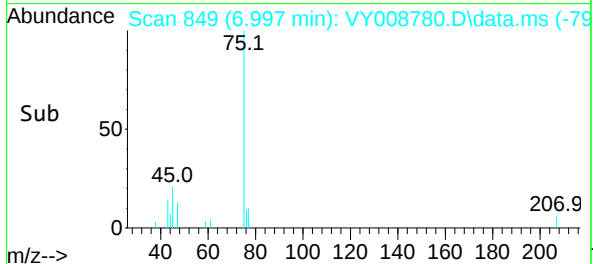
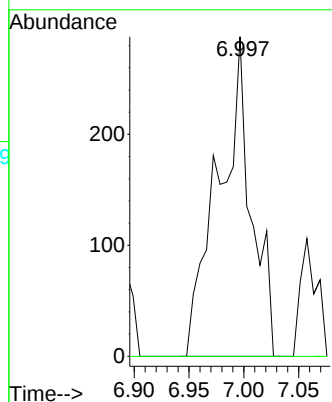


#25
2-Butanone
Concen: 1.287 ug/l
RT: 6.997 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :

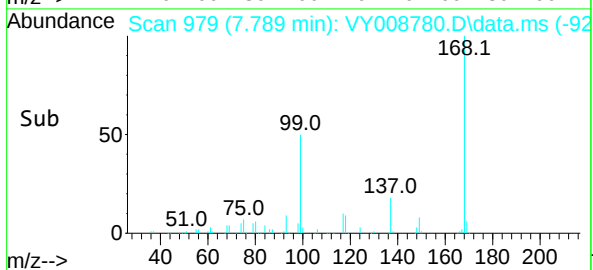
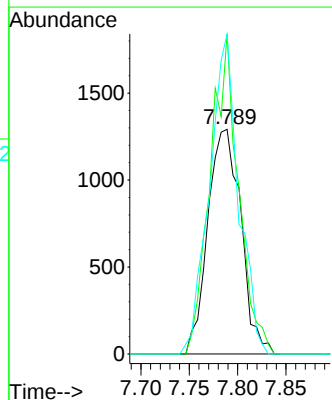
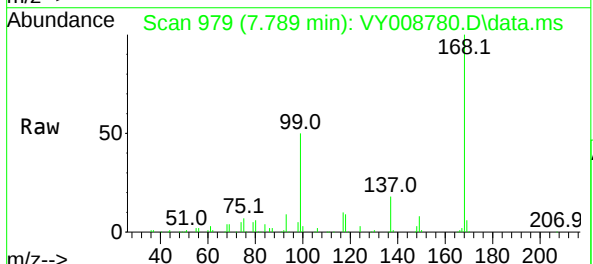


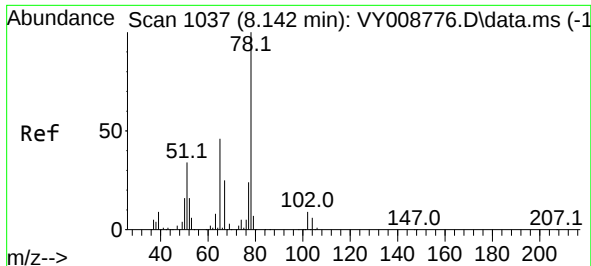
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 142.4 26.7 40.1#
84 142.3 67.2 100.8#

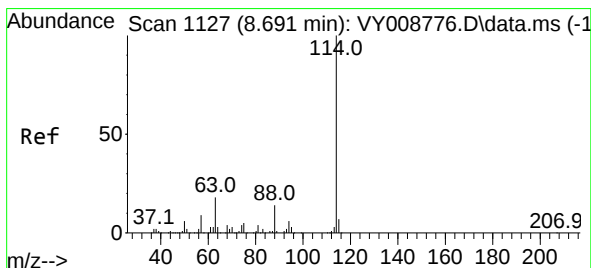
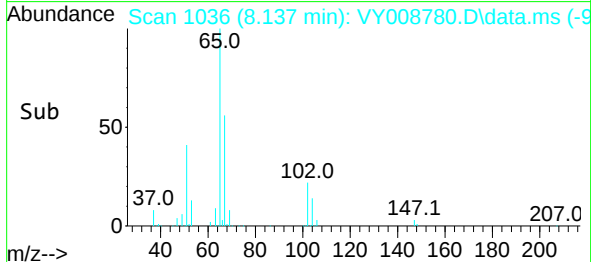
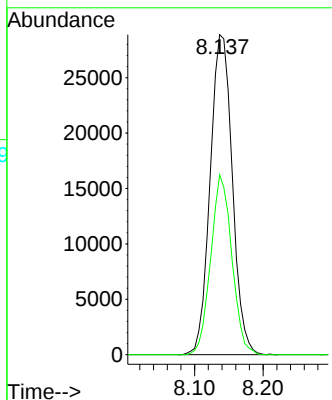
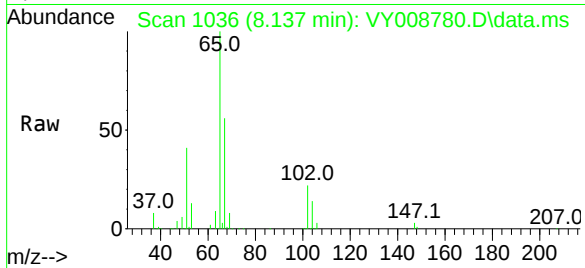




#33
 1,2-Dichloroethane-d4
 Concen: 58.536 ug/l
 RT: 8.137 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

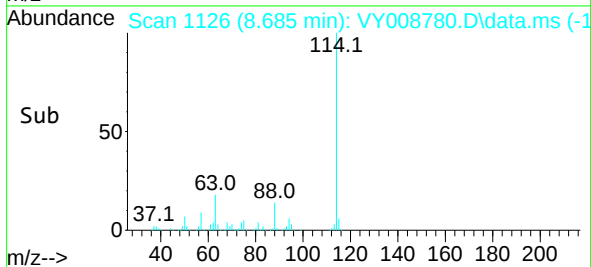
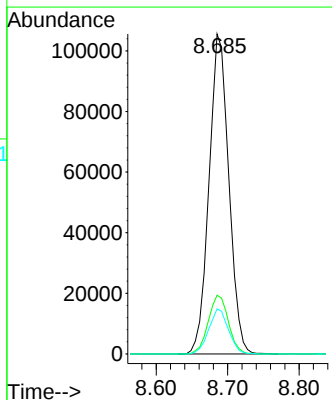
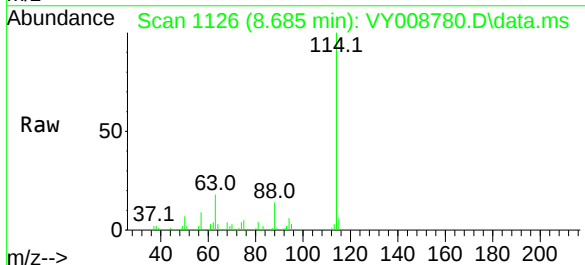
Instrument :
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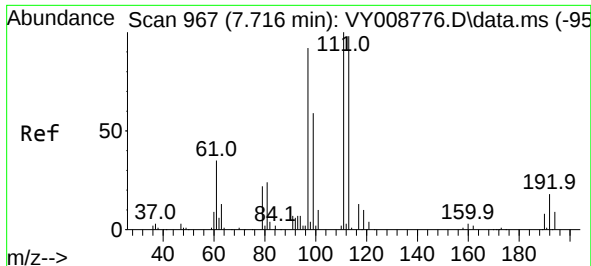
Tgt Ion: 65 Resp: 64786
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

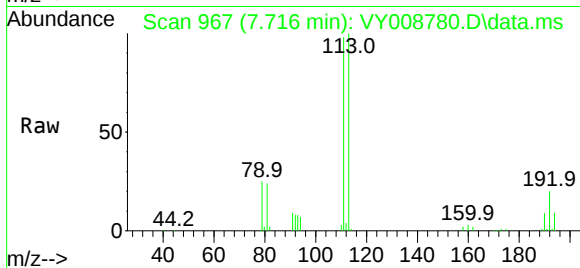
Tgt Ion: 114 Resp: 202586
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.2
 88 14.1 0.0 31.8



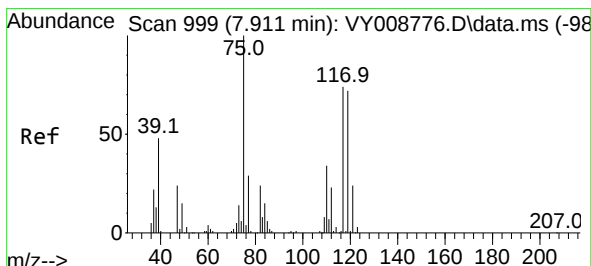
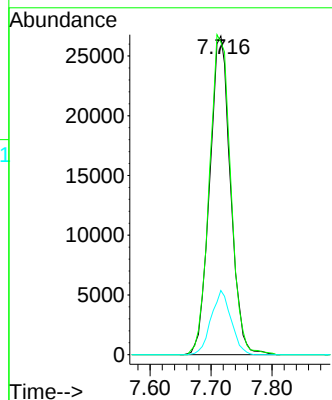
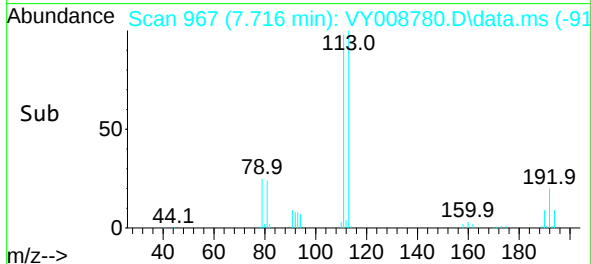


#35
Dibromofluoromethane
Concen: 53.425 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

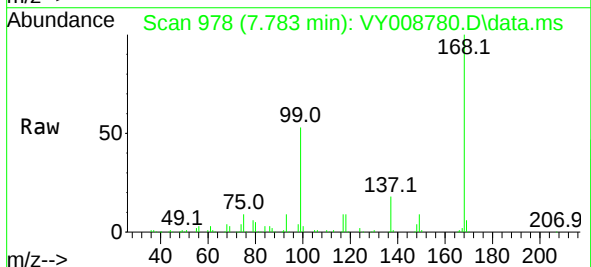
Instrument :
MSVOA_Y
ClientSampleId :



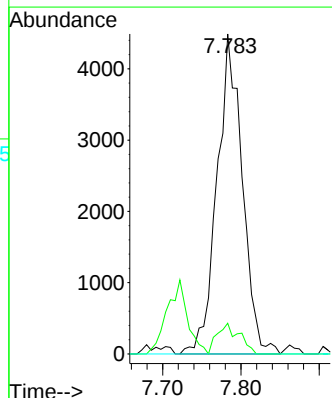
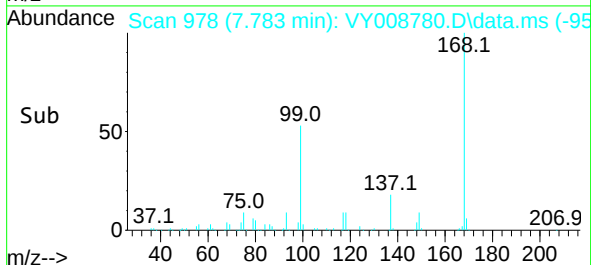
Tgt Ion:113 Resp: 63237
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4

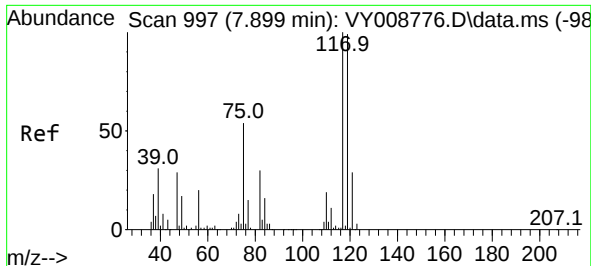


#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44



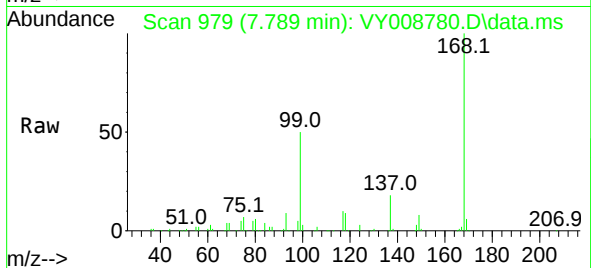
Tgt Ion: 75 Resp: 10059
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



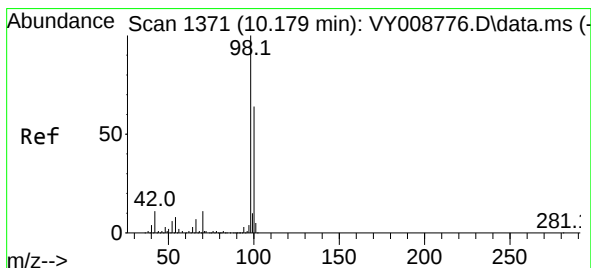
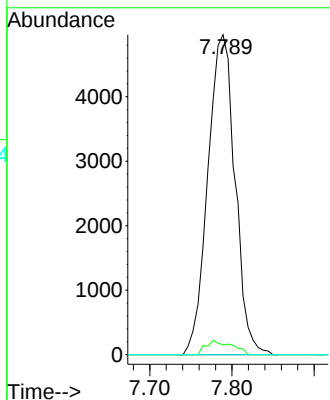
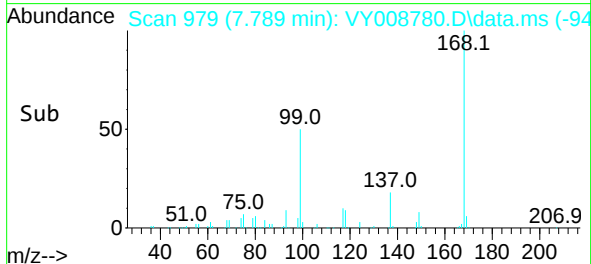


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :

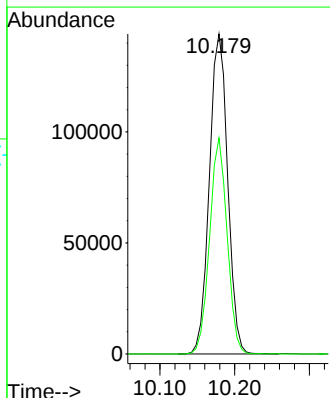
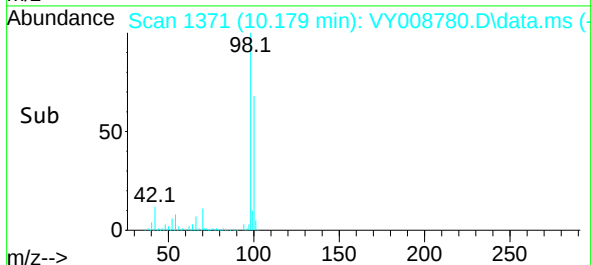
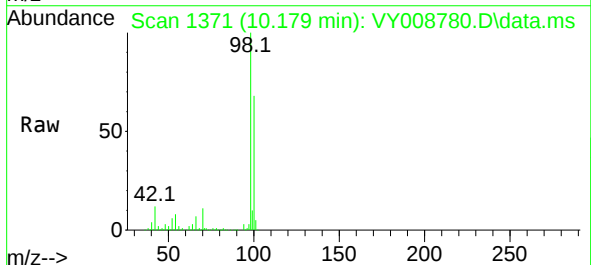


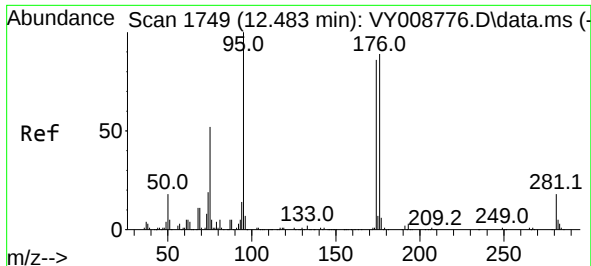
Tgt Ion:117 Resp: 11411
Ion Ratio Lower Upper
117 100
119 3.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.898 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

Tgt Ion: 98 Resp: 245643
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

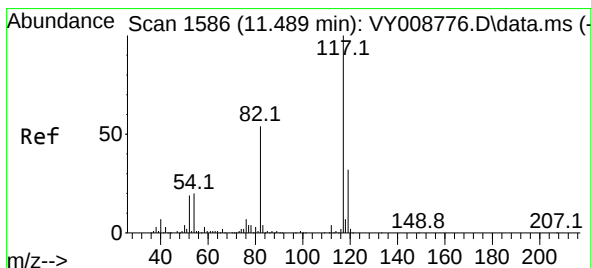
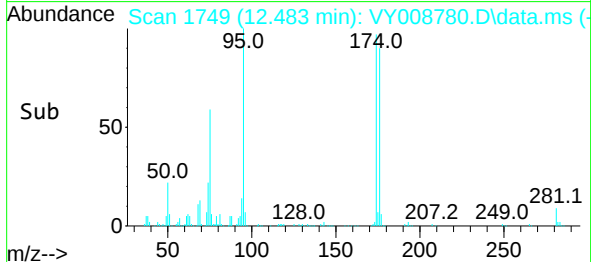
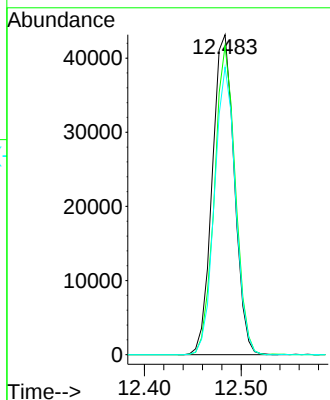
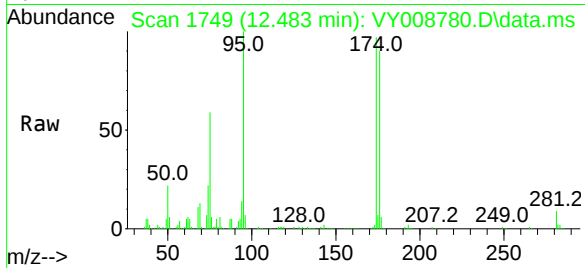




#62
4-Bromofluorobenzene
Concen: 37.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

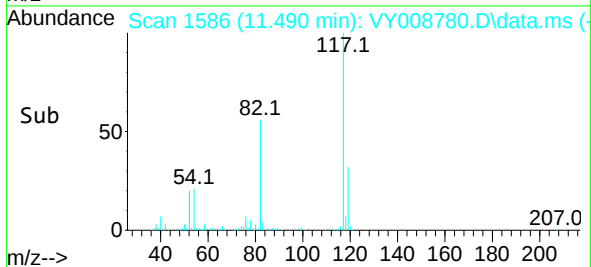
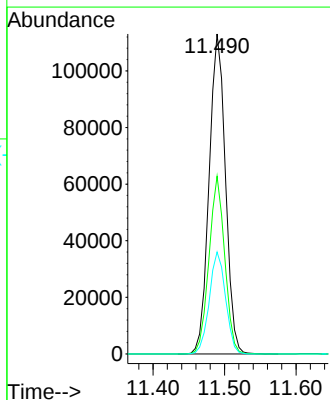
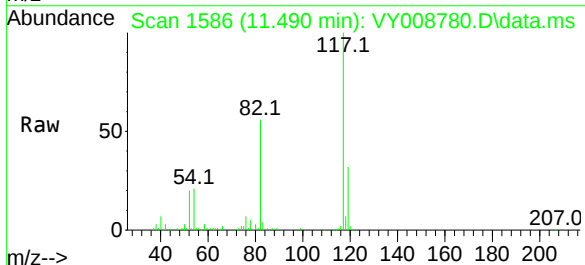
Instrument :
MSVOA_Y
ClientSampleId :

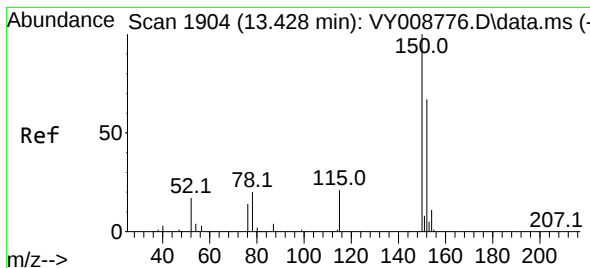
Tgt Ion: 95 Resp: 68226
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008780.D
Acq: 17 May 2022 18:44

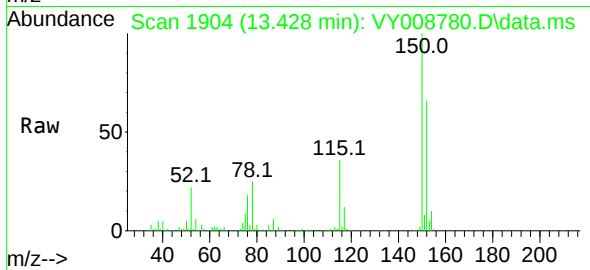
Tgt Ion: 117 Resp: 179356
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 31.9 25.4 38.0



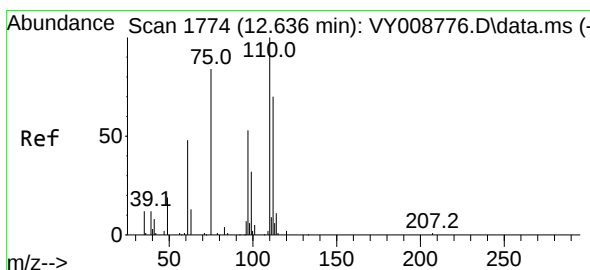
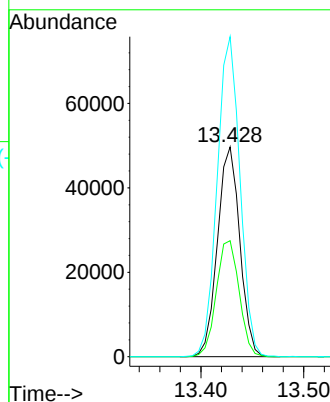
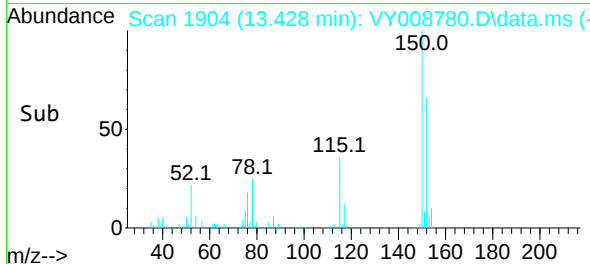


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :

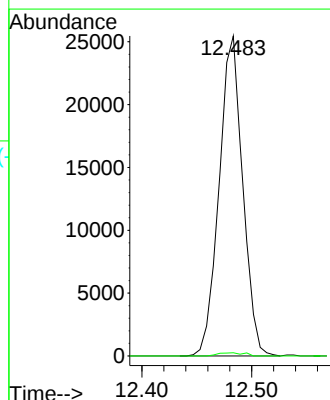
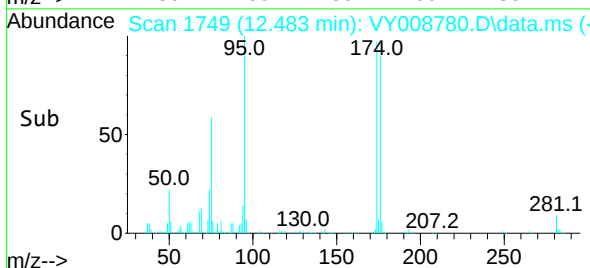
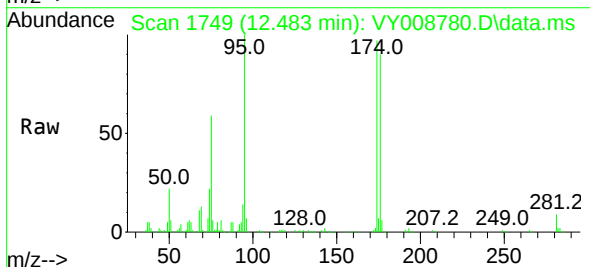


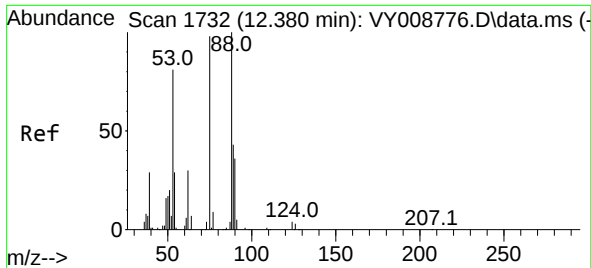
Tgt Ion:152 Resp: 74973
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.952 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

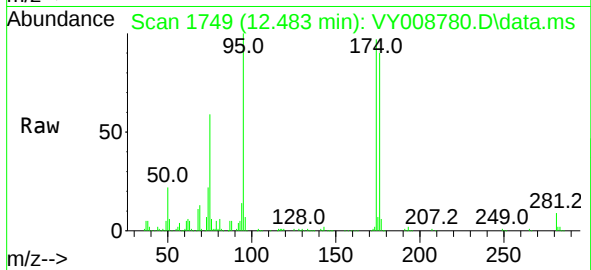
Tgt Ion: 75 Resp: 38064
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.135 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008780.D
 Acq: 17 May 2022 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38064
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

