

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008793.D
 Acq On : 17 May 2022 23:48
 Operator : KP/MD
 Sample : N2841-07
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:59:34 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)

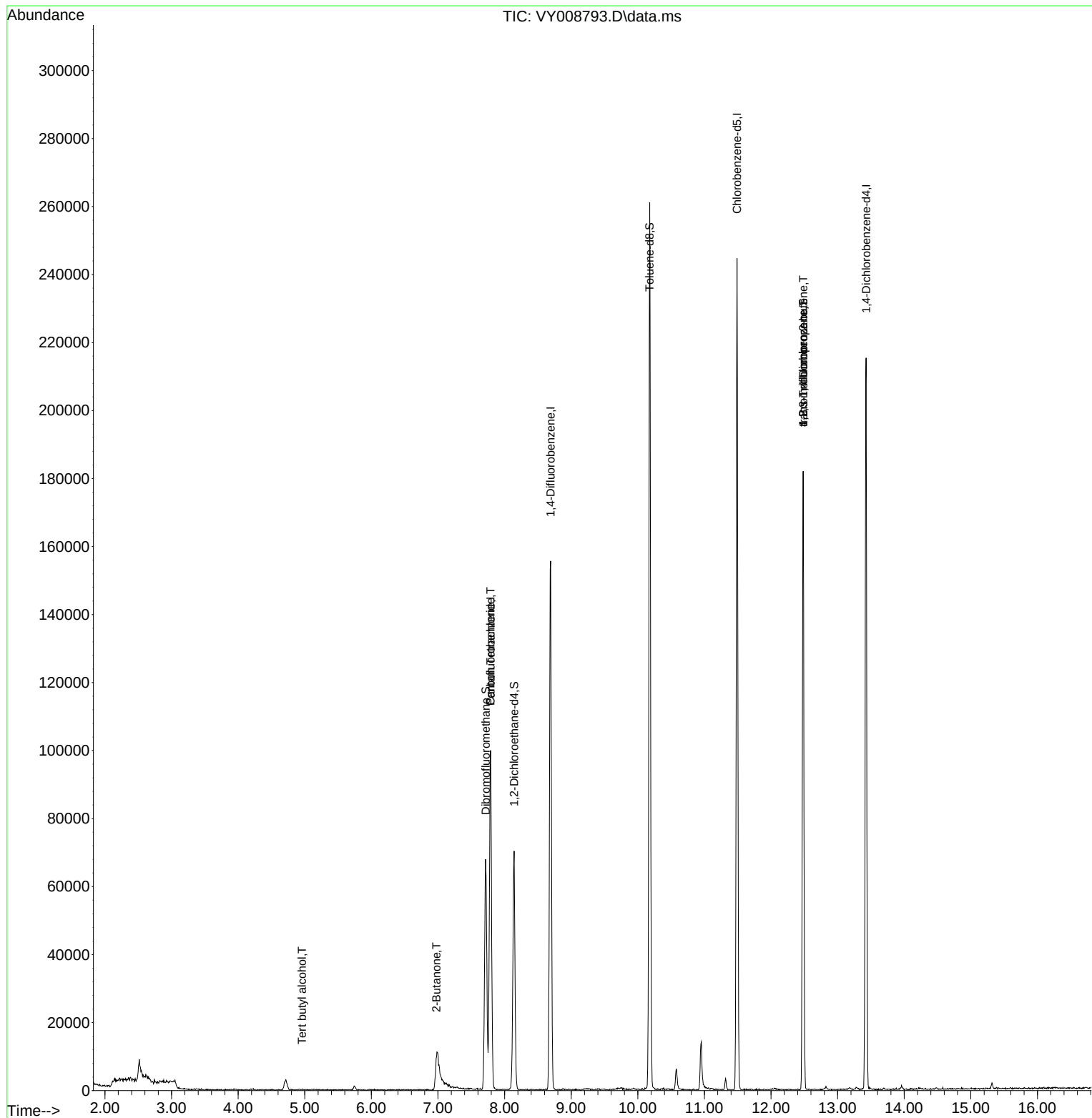
Internal Standards						
1) Pentafluorobenzene	7.789	168	75802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49649	70.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.200%	
35) Dibromofluoromethane	7.716	113	45718	58.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.820%	
50) Toluene-d8	10.179	98	166440	48.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.720%	
62) 4-Bromofluorobenzene	12.483	95	48519	40.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	97	Below Cal	#	44
4) Vinyl Chloride	2.235	62	31	Below Cal	#	43
5) Bromomethane	2.680	94	113	Below Cal	#	75
6) Chloroethane	2.906	64	47	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	217	2.792	ug/l #	77
16) Acetone	3.936	43	144	Below Cal	#	78
18) Methyl Acetate	4.515	43	52	Below Cal	#	56
20) Methylene Chloride	4.716	84	2458	Below Cal	#	64
25) 2-Butanone	6.978	43	581	1.969	ug/l #	54
31) Cyclohexane	7.783	56	1914	Below Cal	#	31
38) Carbon Tetrachloride	7.789	117	7728	5.802	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	27048	43.610	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27048	95.388	ug/l #	7

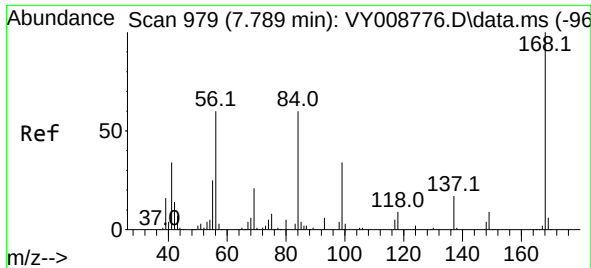
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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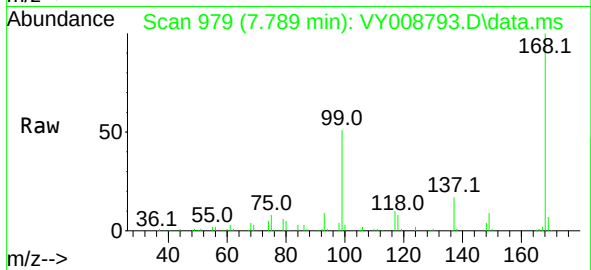
Quant Time: May 18 07:59:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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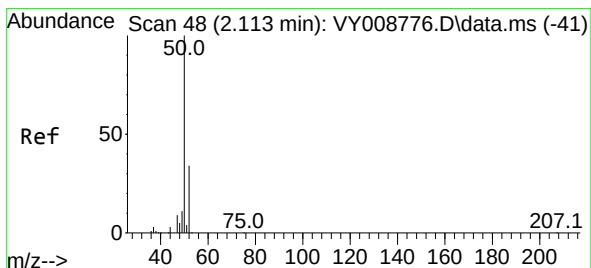
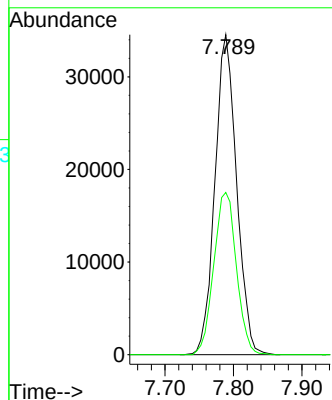
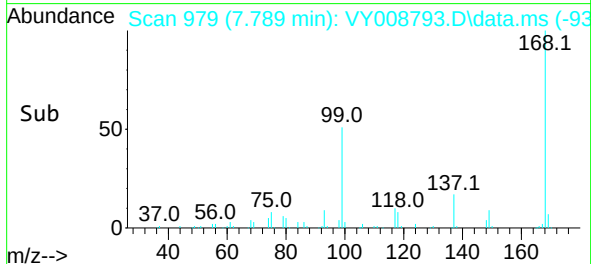


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :

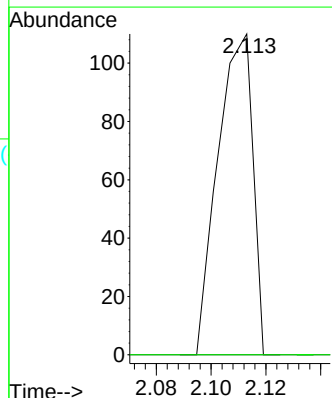
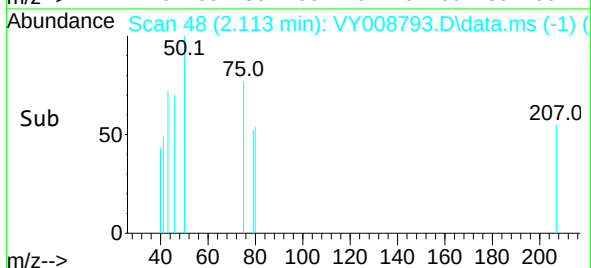
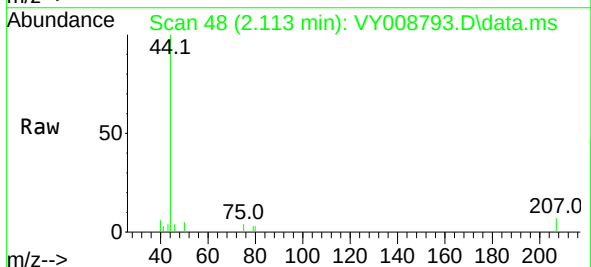


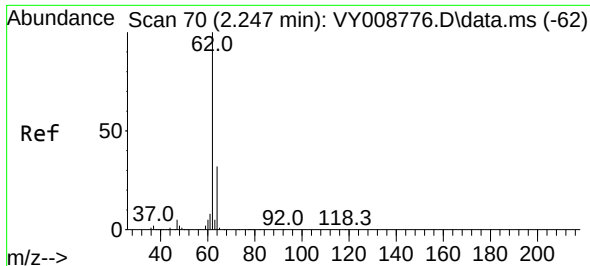
Tgt Ion:168 Resp: 75802
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

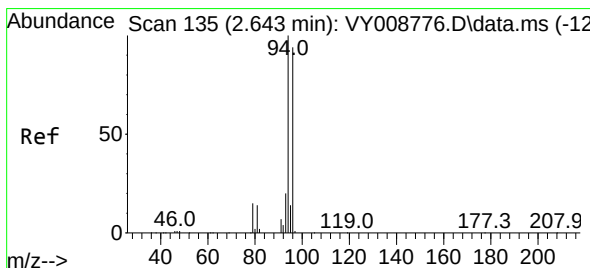
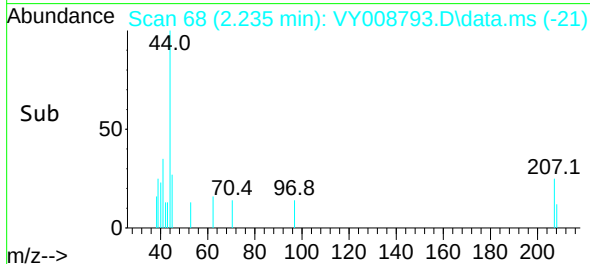
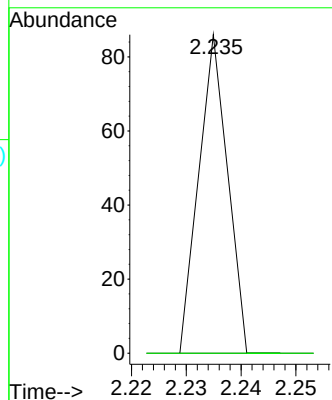
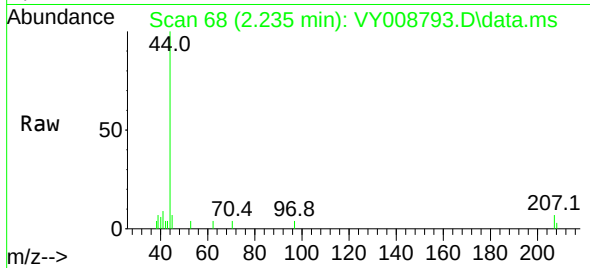




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.235 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY008793.D
 Acq: 17 May 2022 23:48

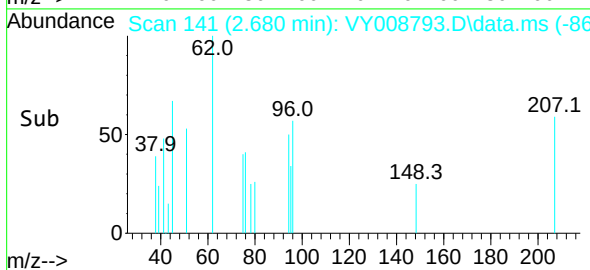
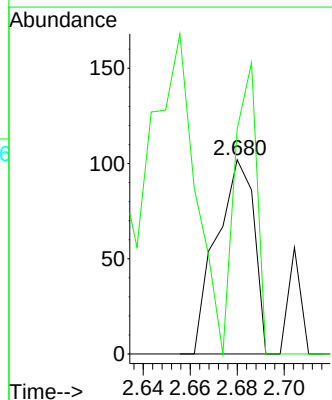
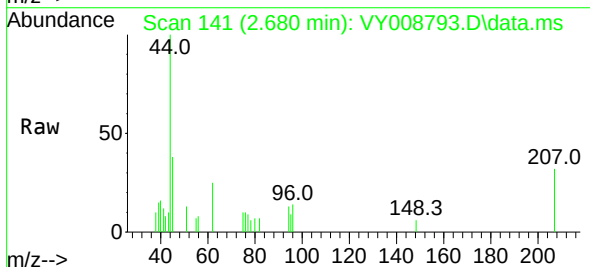
Instrument :
 MSVOA_Y
 ClientSampleId :

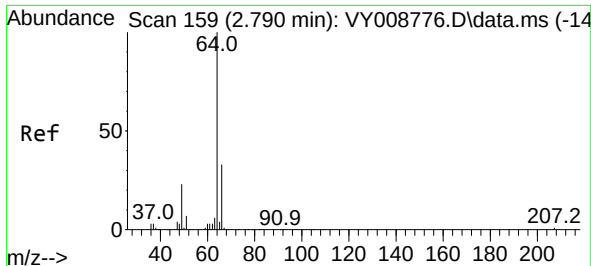
Tgt Ion: 62 Resp: 31
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.680 min Scan# 141
 Delta R.T. 0.037 min
 Lab File: VY008793.D
 Acq: 17 May 2022 23:48

Tgt Ion: 94 Resp: 113
 Ion Ratio Lower Upper
 94 100
 96 115.7 73.5 110.3#

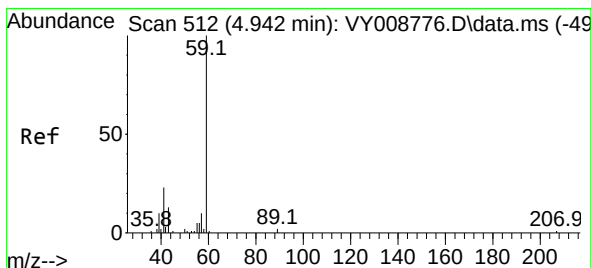
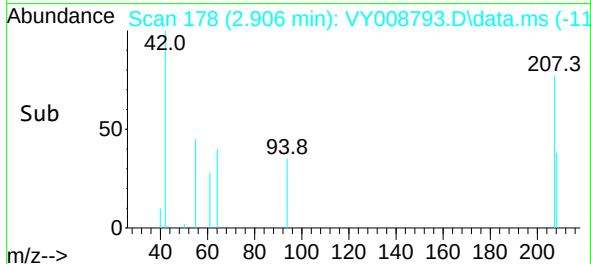
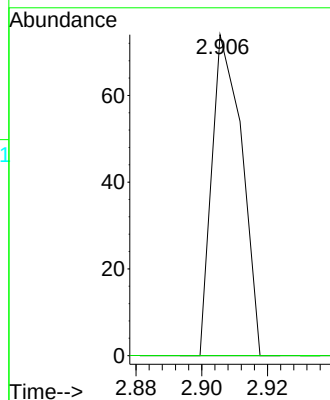
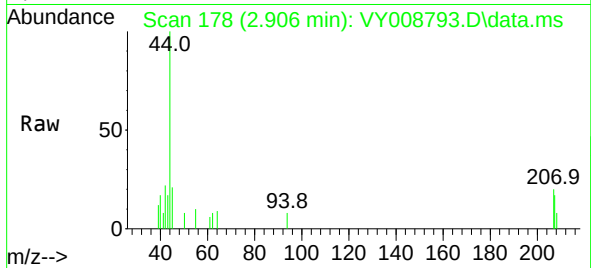




#6
Chloroethane
Concen: Below Cal
RT: 2.906 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

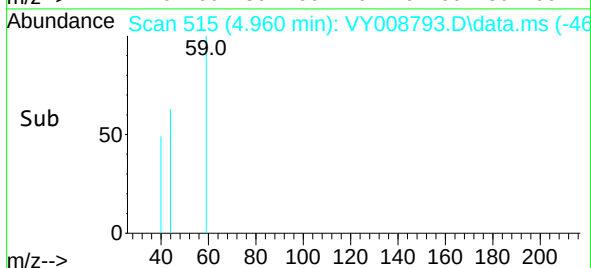
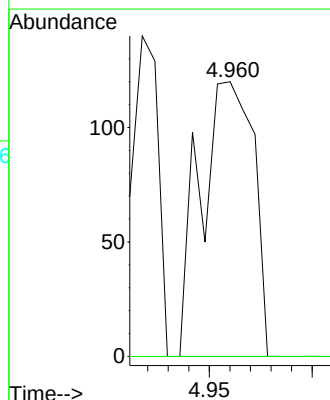
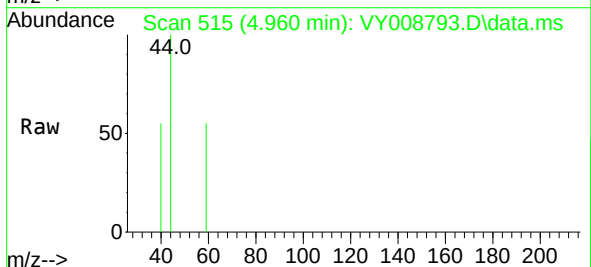
Instrument :
MSVOA_Y
ClientSampleId :

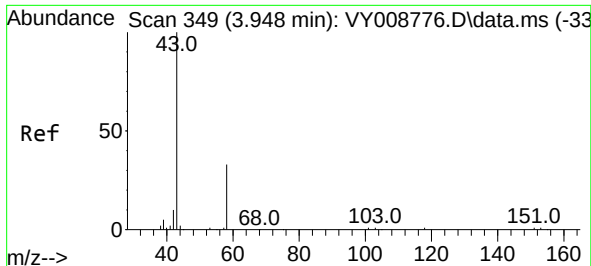
Tgt Ion: 64 Resp: 47
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.792 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

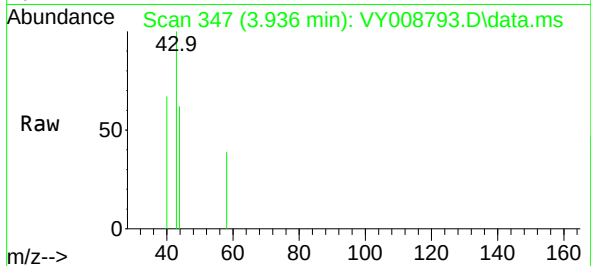
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



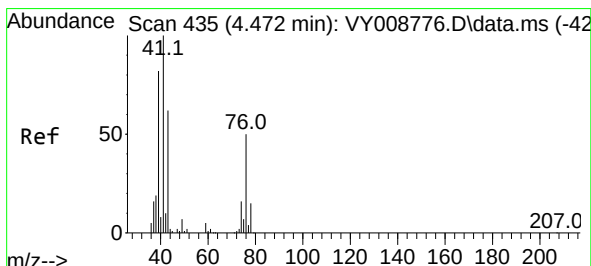
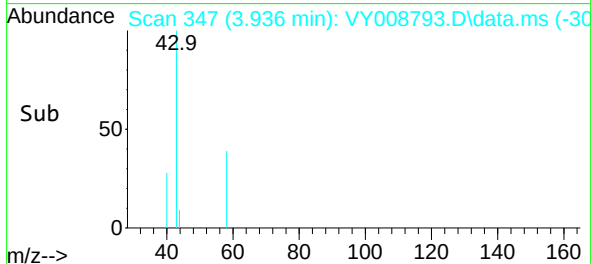
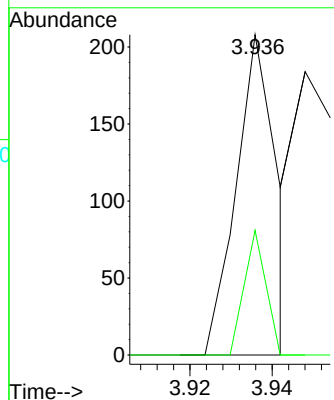


#16
Acetone
Concen: Below Cal
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :

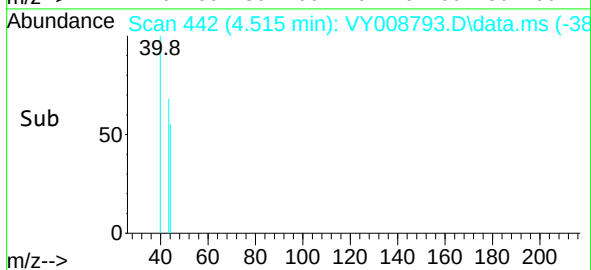
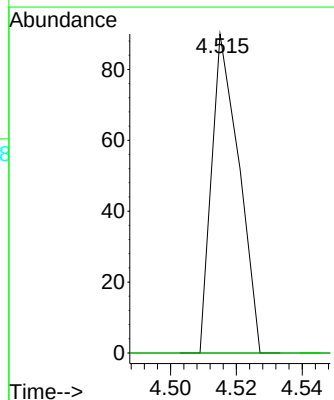
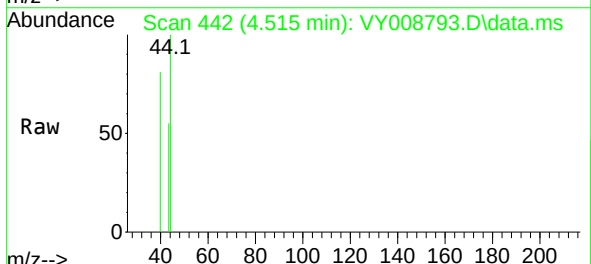


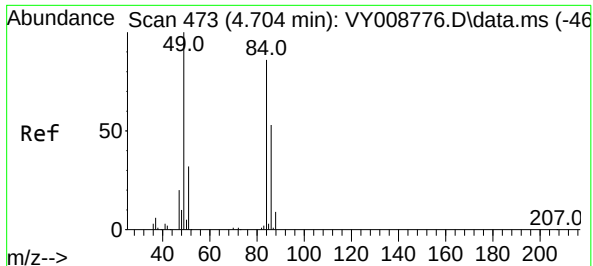
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 38.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 442
Delta R.T. 0.043 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

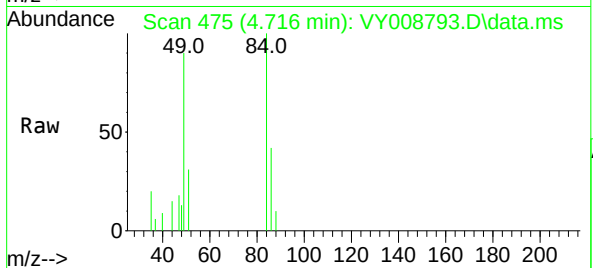
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



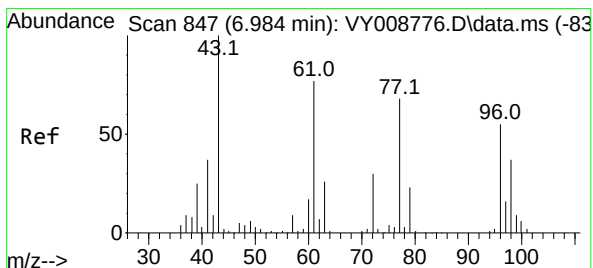
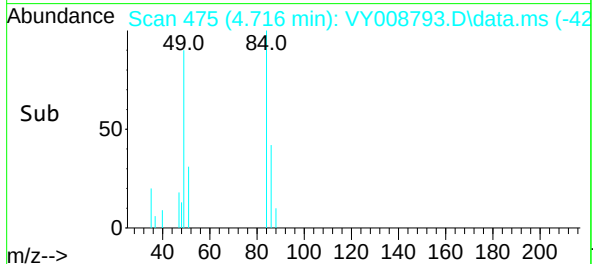
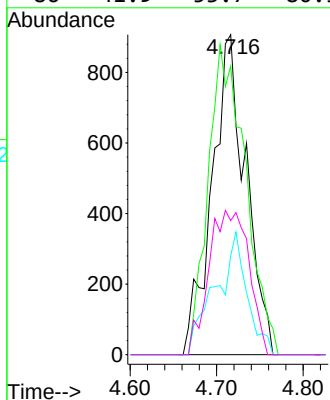


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :

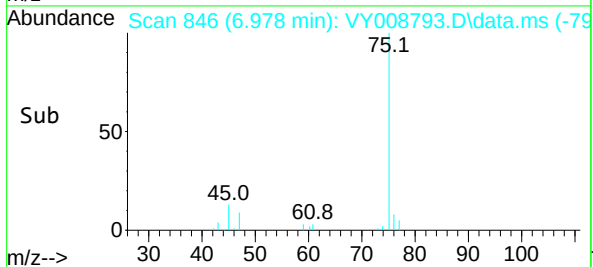
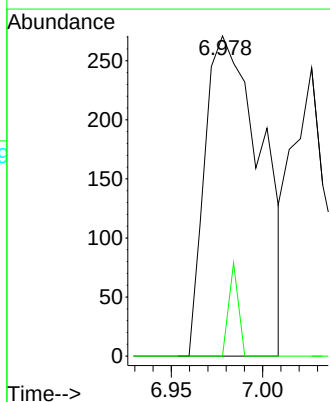
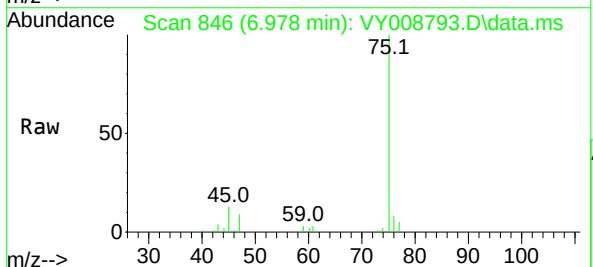


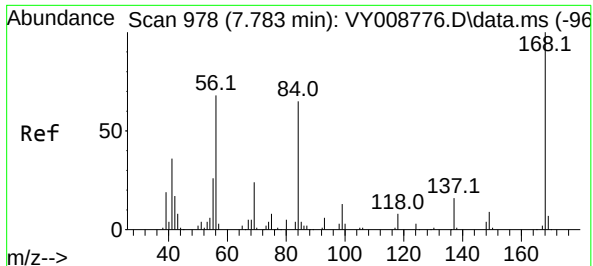
Tgt Ion: 84 Resp: 2458
Ion Ratio Lower Upper
84 100
49 90.2 114.4 171.6#
51 30.9 35.3 52.9#
86 41.9 53.7 80.5#



#25
2-Butanone
Concen: 1.969 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

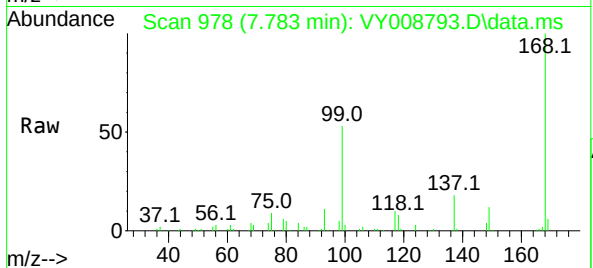
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



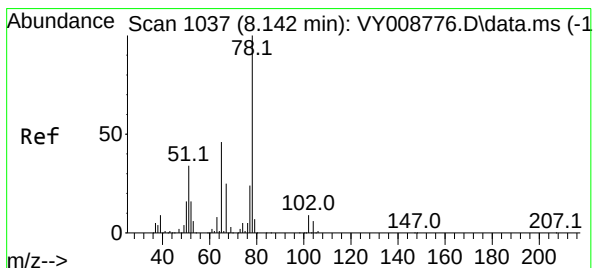
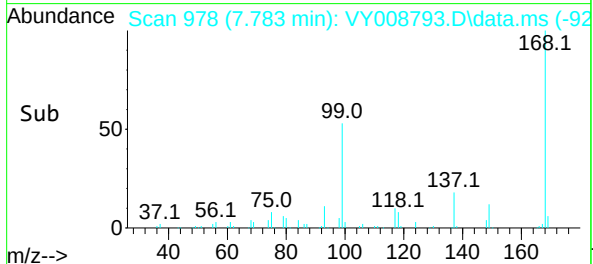
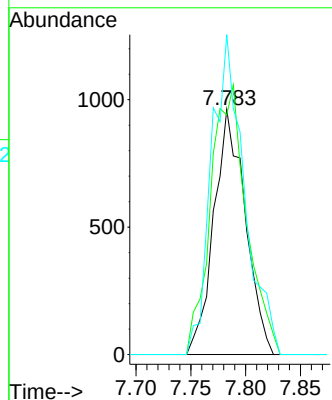


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :

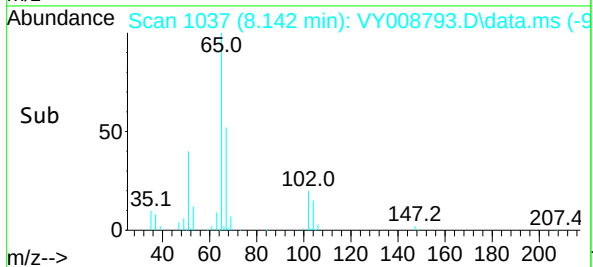
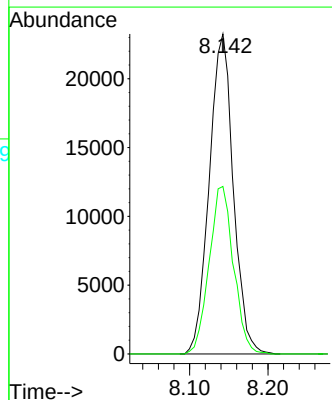
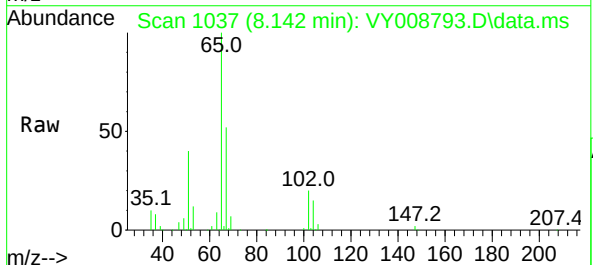


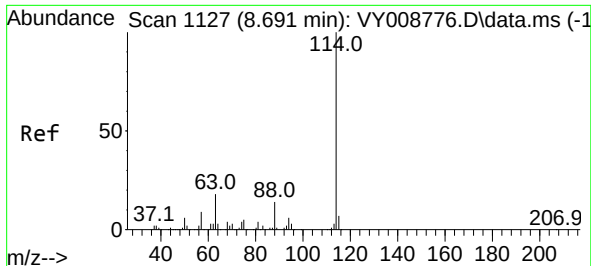
Tgt Ion: 56 Resp: 1914
Ion Ratio Lower Upper
56 100
69 97.8 26.7 40.1#
84 130.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.602 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion: 65 Resp: 49649
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

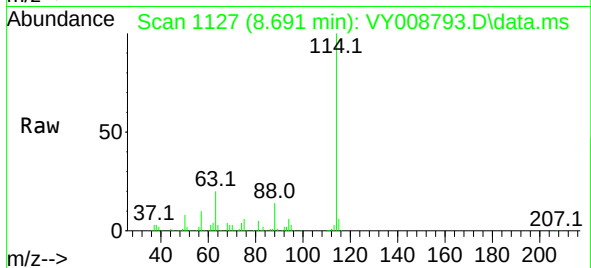
Lab File: VY008793.D

Acq: 17 May 2022 23:48

Instrument :

MSVOA_Y

ClientSampleId :



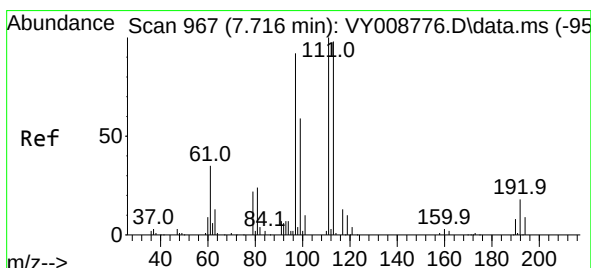
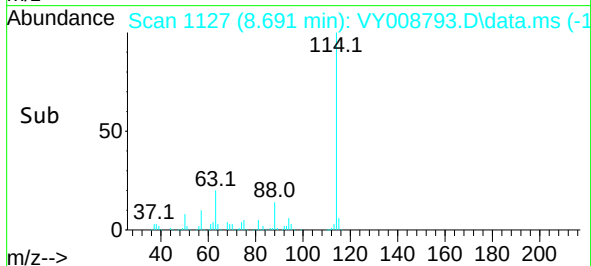
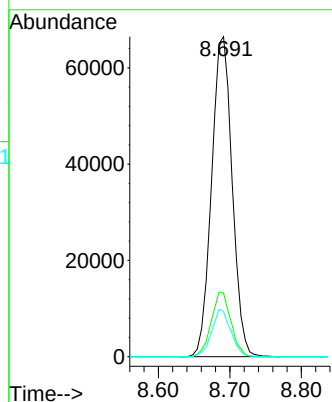
Tgt Ion:114 Resp: 132820

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.912 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008793.D

Acq: 17 May 2022 23:48

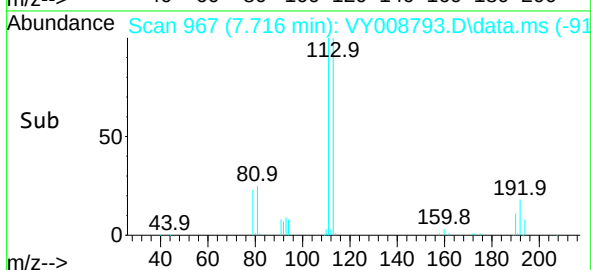
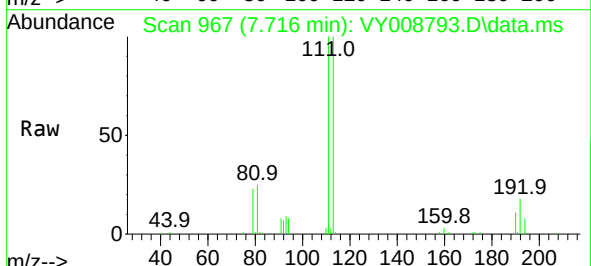
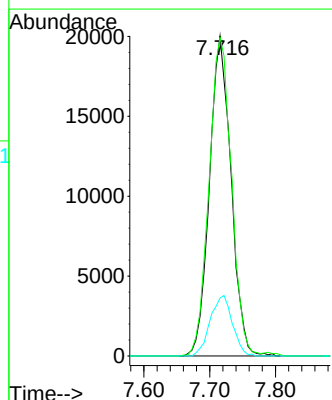
Tgt Ion:113 Resp: 45718

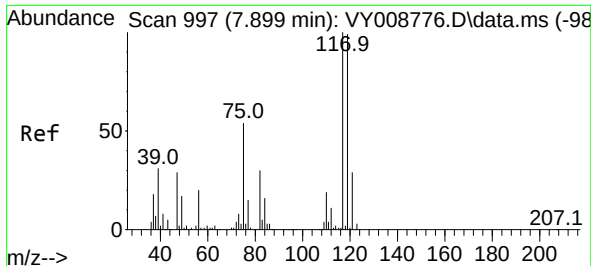
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

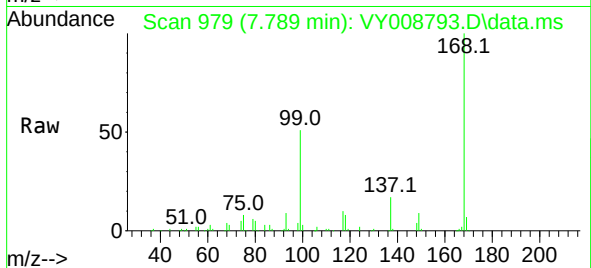
192 19.4 17.6 26.4



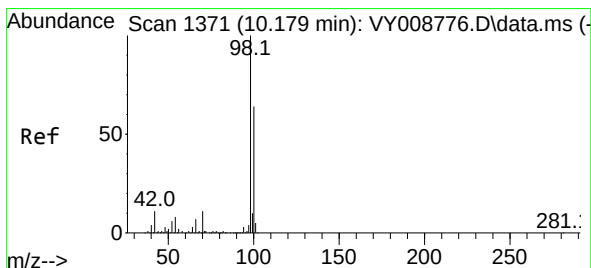
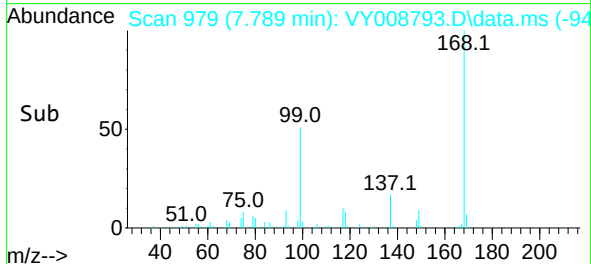
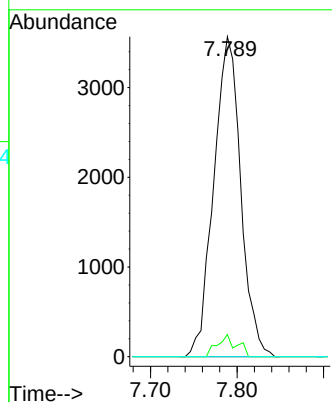


#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :

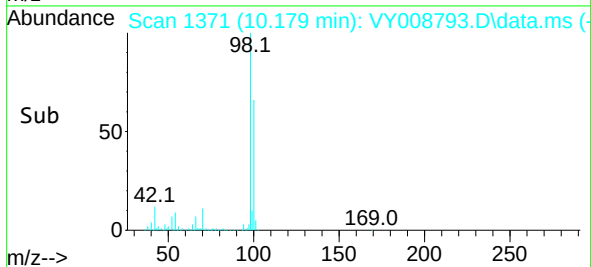
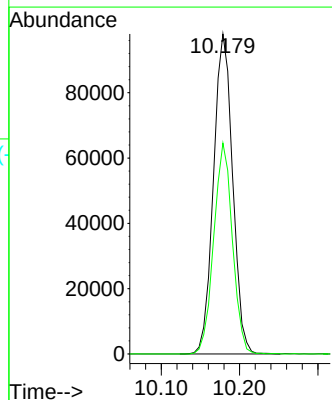
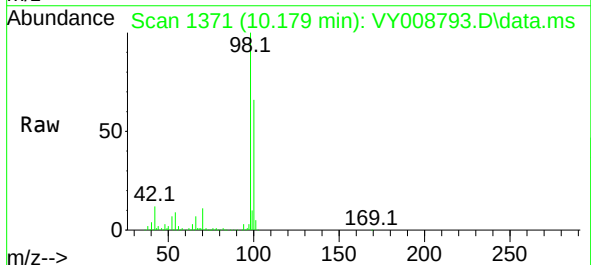


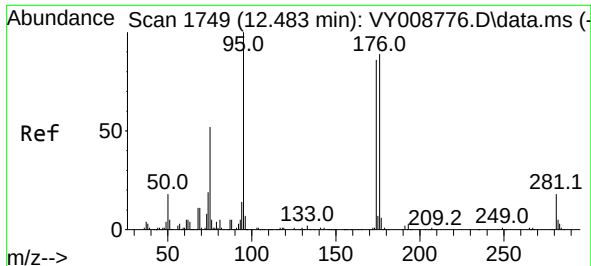
Tgt Ion:117 Resp: 7728
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion: 98 Resp: 166440
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

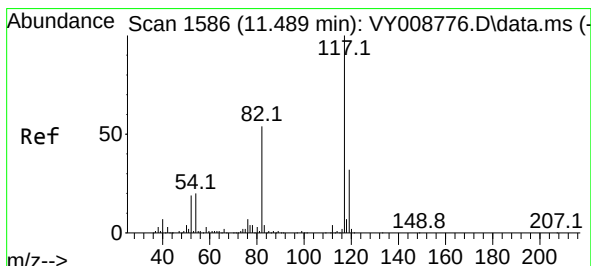
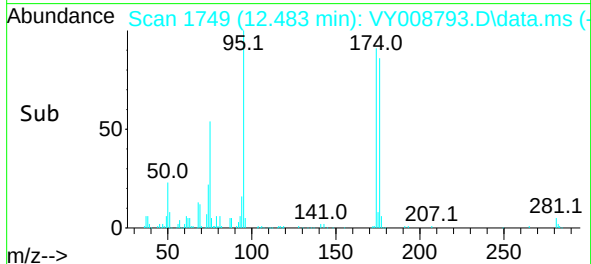
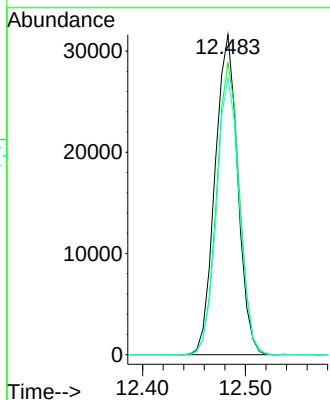
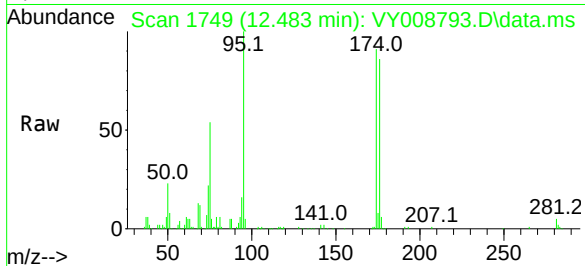




#62
4-Bromofluorobenzene
Concen: 40.152 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

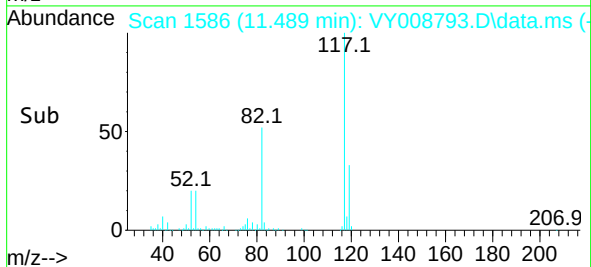
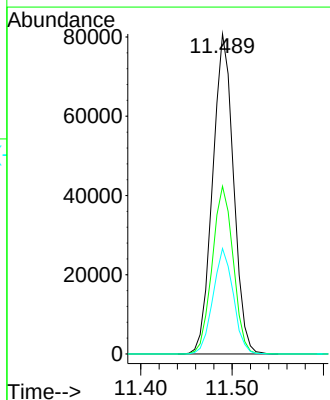
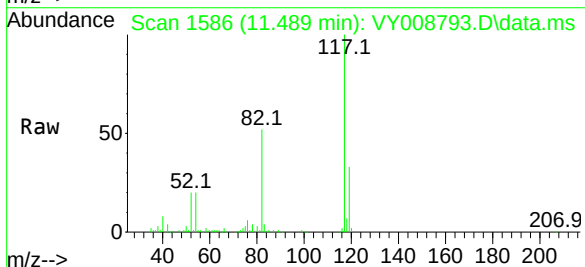
Instrument :
MSVOA_Y
ClientSampleId :

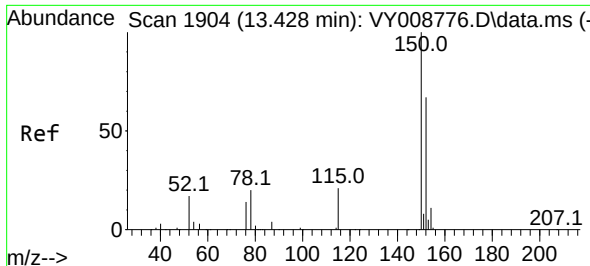
Tgt Ion: 95 Resp: 48519
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

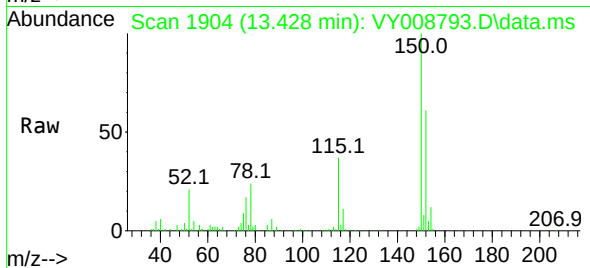
Tgt Ion: 117 Resp: 128147
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.9 25.4 38.0



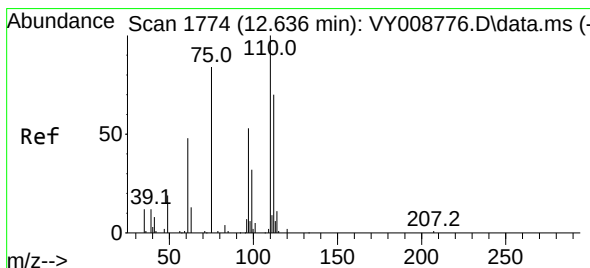
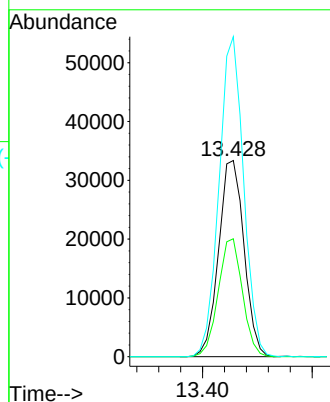
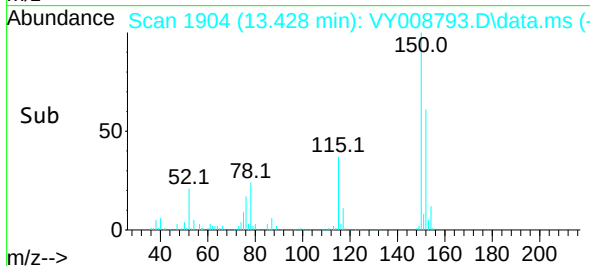


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008793.D
 Acq: 17 May 2022 23:48

Instrument :
 MSVOA_Y
 ClientSampleId :

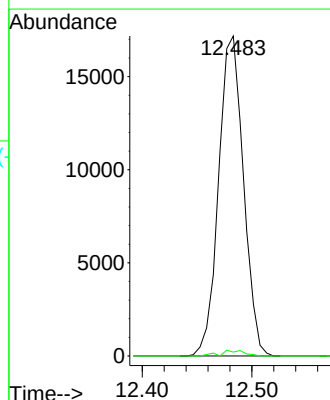
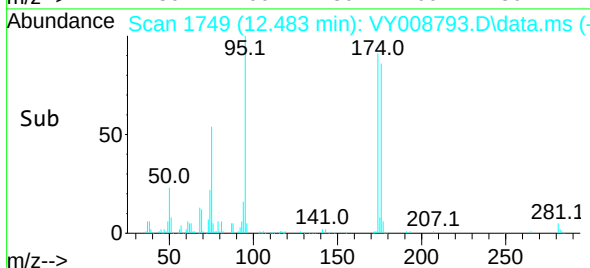
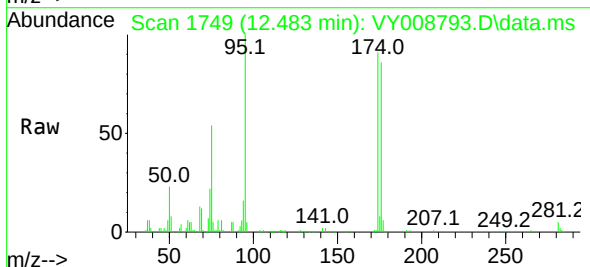


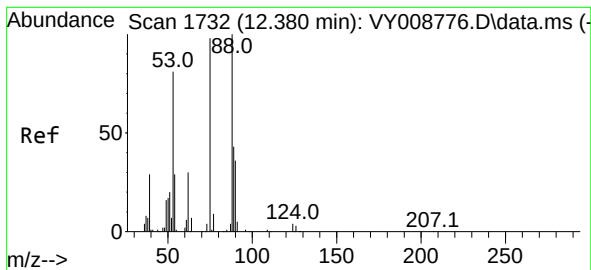
Tgt Ion:152 Resp: 53692
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.610 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008793.D
 Acq: 17 May 2022 23:48

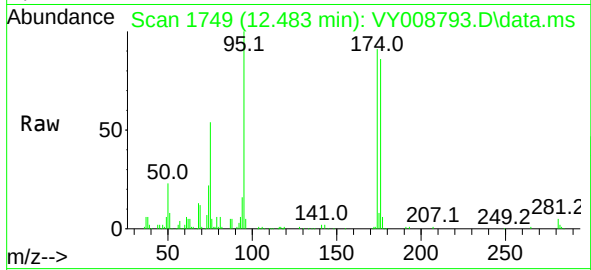
Tgt Ion: 75 Resp: 27048
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.388 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008793.D
 Acq: 17 May 2022 23:48

Instrument :
 MSVOA_Y
 ClientSampleId :



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

