

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008799.D
 Acq On : 18 May 2022 02:30
 Operator : KP/MD
 Sample : VY0517SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 08:01:18 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)

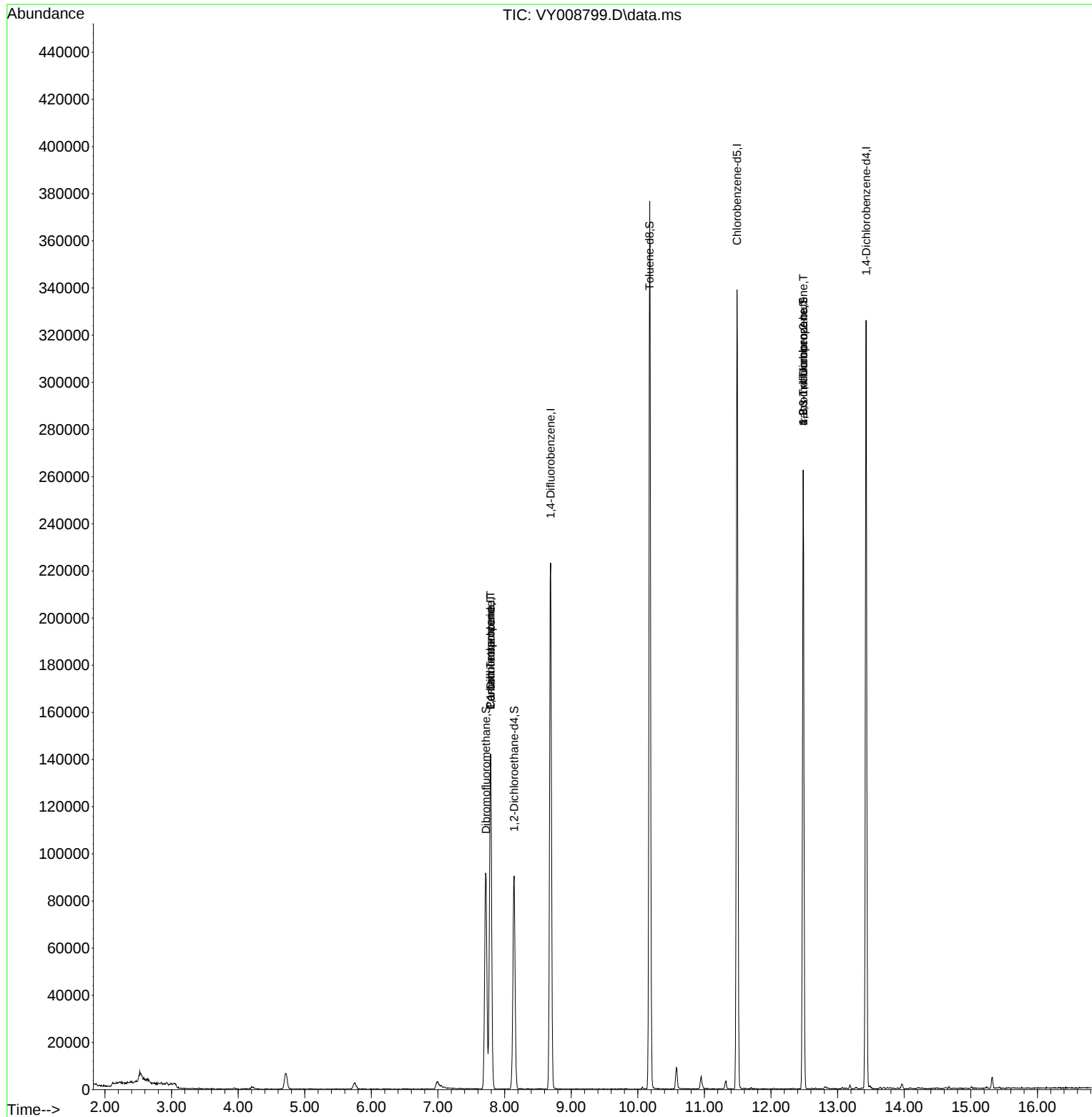
Internal Standards						
1) Pentafluorobenzene	7.789	168	109956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67241	65.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.840%			
35) Dibromofluoromethane	7.722	113	63196	56.383	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.760%			
50) Toluene-d8	10.179	98	235819	47.502	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.000%			
62) 4-Bromofluorobenzene	12.483	95	69537	39.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.740%			
Target Compounds						
3) Chloromethane	2.119	50	345	Below Cal	#	44
4) Vinyl Chloride	2.253	62	22	Below Cal	#	43
5) Bromomethane	2.650	94	499	Below Cal		83
6) Chloroethane	2.729	64	19	Below Cal	#	43
16) Acetone	3.954	43	698	Below Cal	#	47
18) Methyl Acetate	4.491	43	36	Below Cal	#	56
20) Methylene Chloride	4.716	84	5193	Below Cal	#	85
31) Cyclohexane	7.789	56	2564	Below Cal	#	9
36) 1,1-Dichloropropene	7.789	75	8808	4.906	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10680	5.551	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	38987	44.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38987	96.252	ug/l #	7

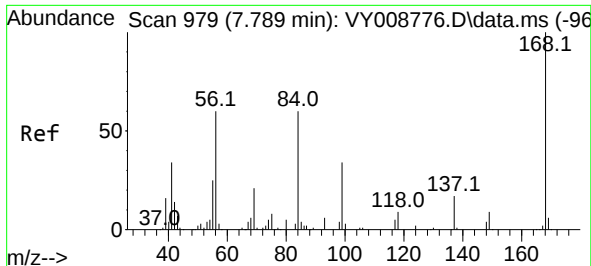
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008799.D
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Operator : KP/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_Y
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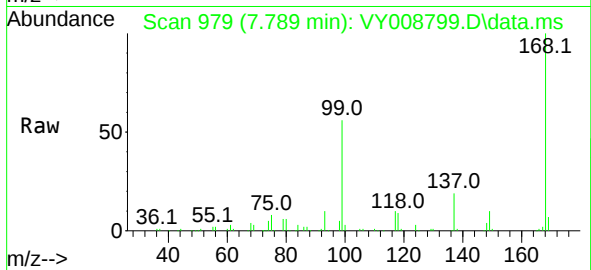
Quant Time: May 18 08:01:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration



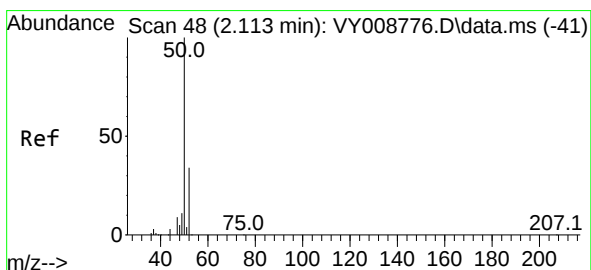
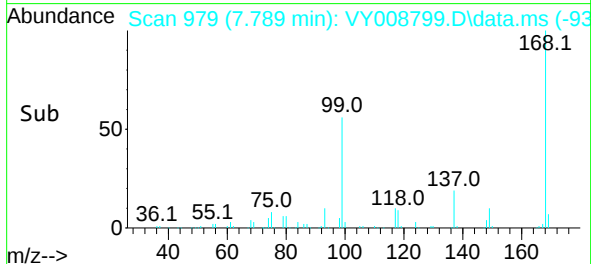
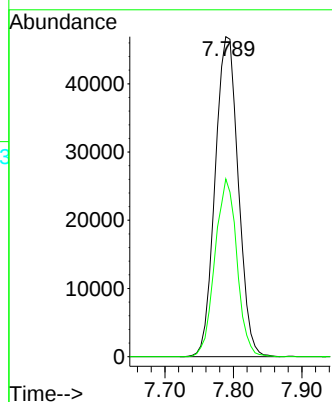


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

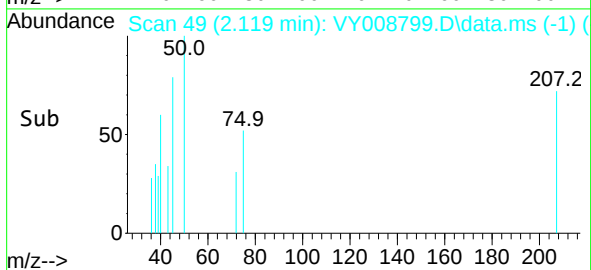
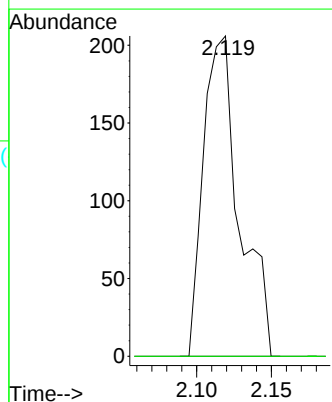
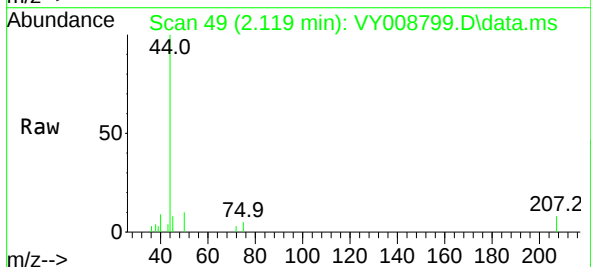


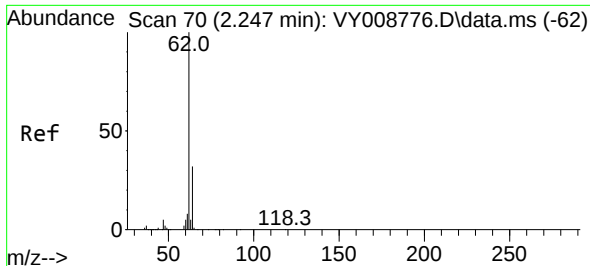
Tgt Ion:168 Resp: 109956
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

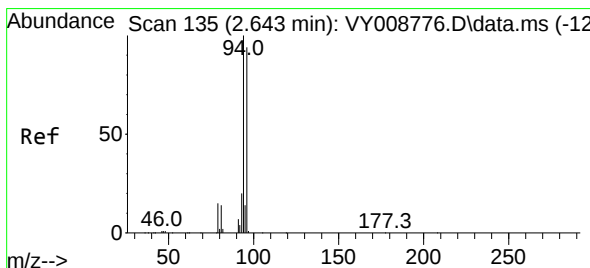
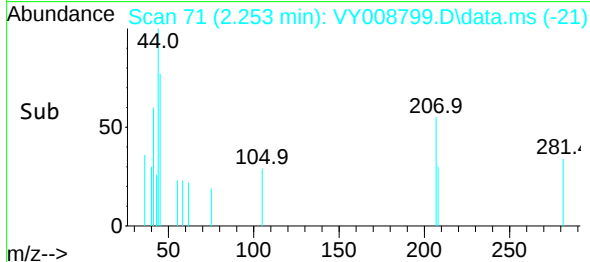
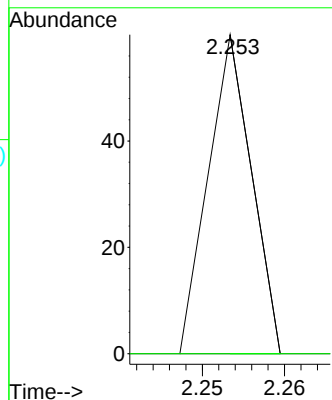
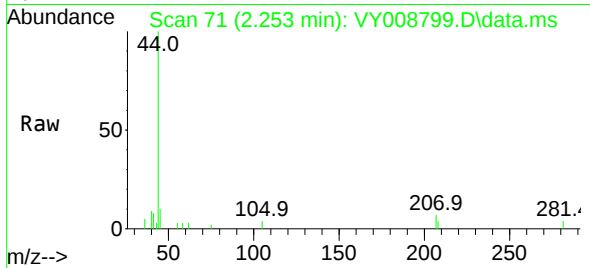




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008799.D
 Acq: 18 May 2022 02:30

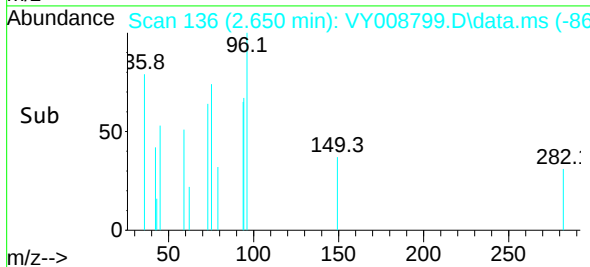
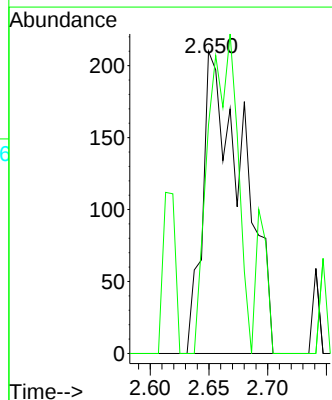
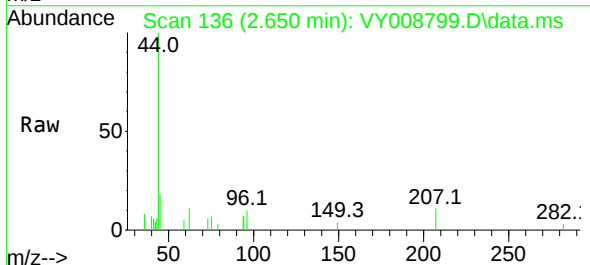
Instrument :
 MSVOA_Y
 ClientSampleId :

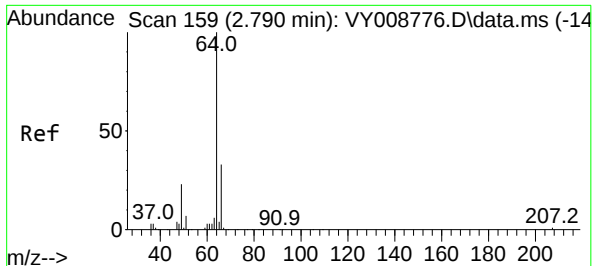
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.650 min Scan# 136
 Delta R.T. 0.007 min
 Lab File: VY008799.D
 Acq: 18 May 2022 02:30

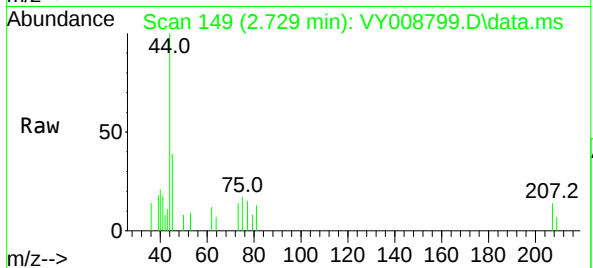
Tgt Ion: 94 Resp: 499
 Ion Ratio Lower Upper
 94 100
 96 75.7 73.5 110.3



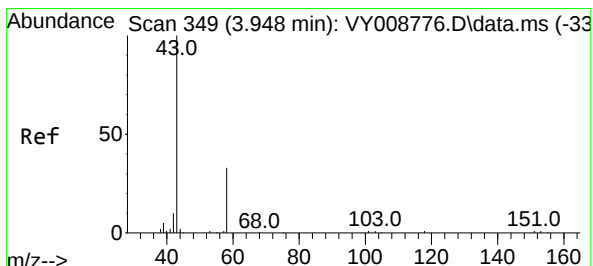
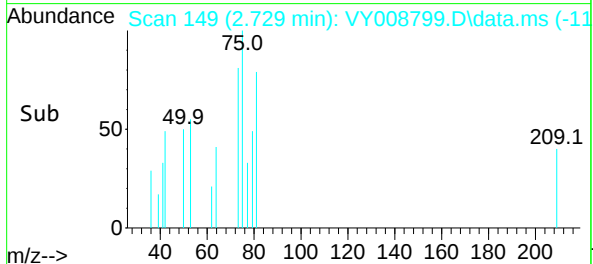
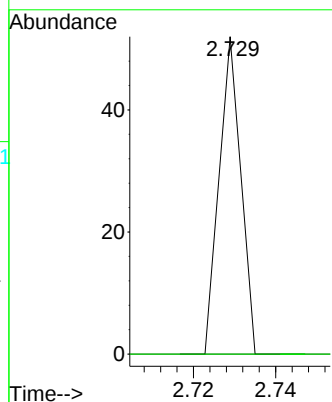


#6
Chloroethane
Concen: Below Cal
RT: 2.729 min Scan# 14
Delta R.T. -0.061 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

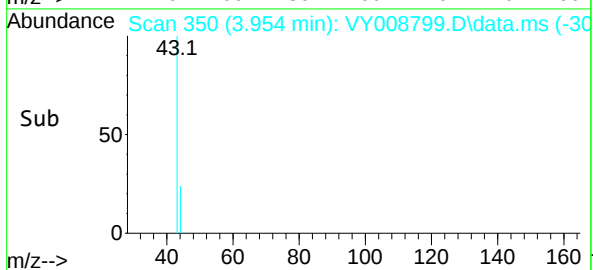
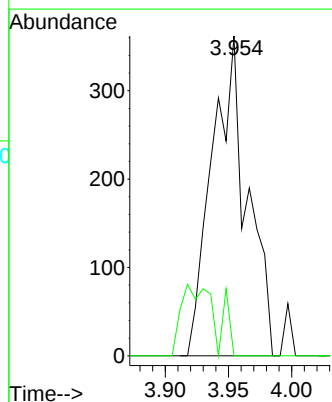
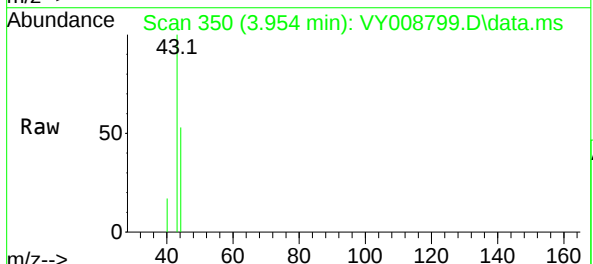


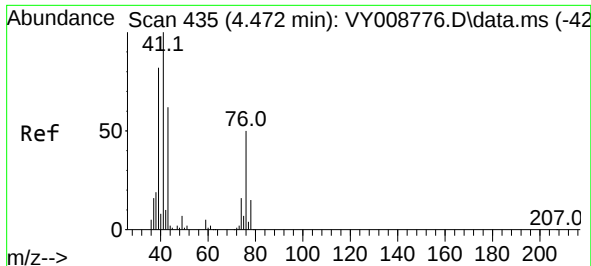
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

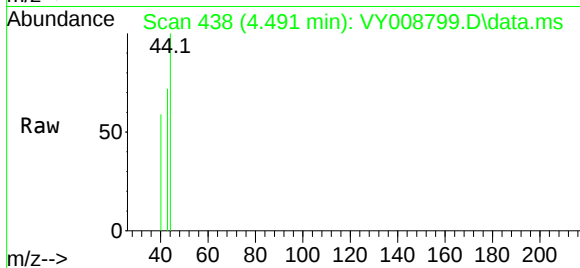
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



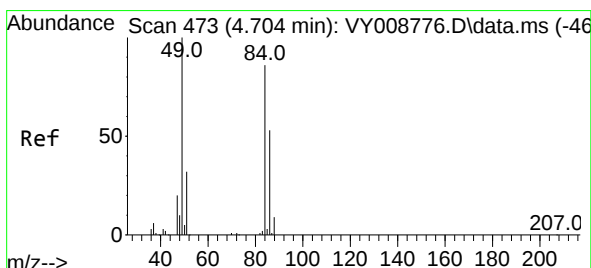
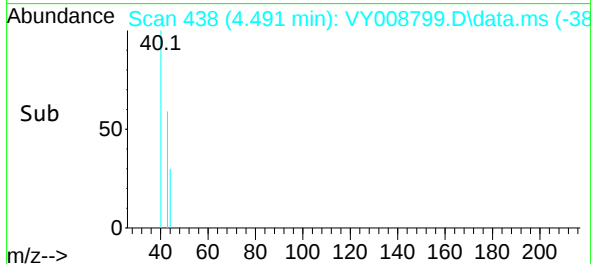
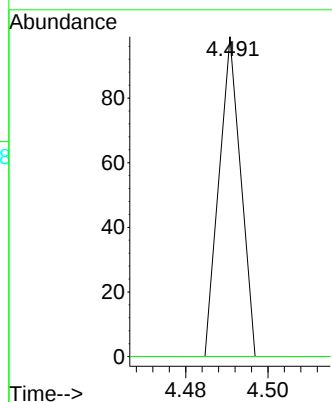


#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

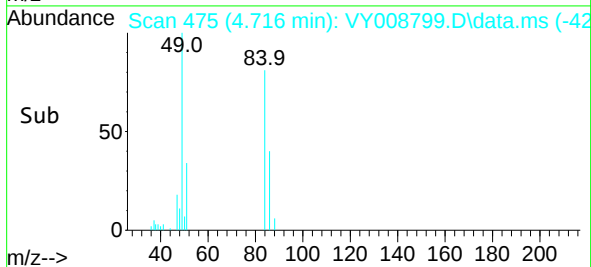
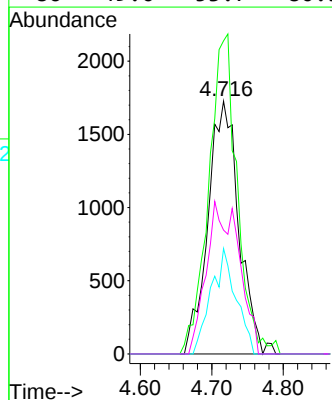
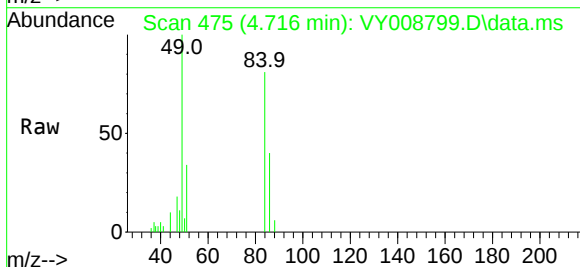


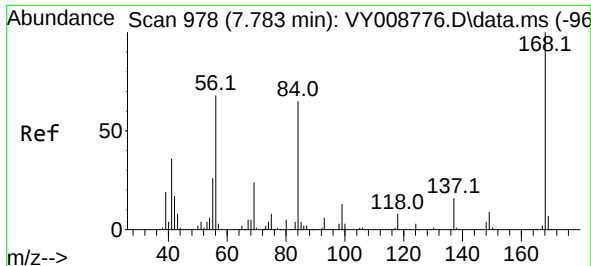
Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Tgt Ion: 84 Resp: 5193
Ion Ratio Lower Upper
84 100
49 123.9 114.4 171.6
51 41.7 35.3 52.9
86 49.0 53.7 80.5#

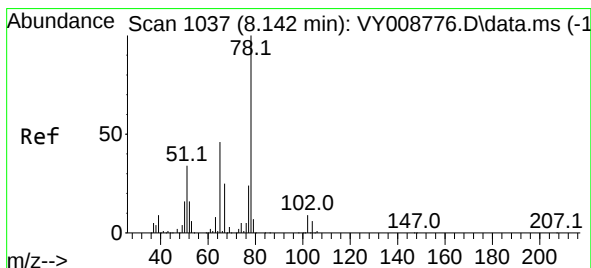
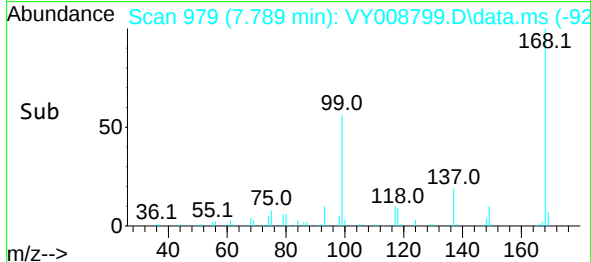
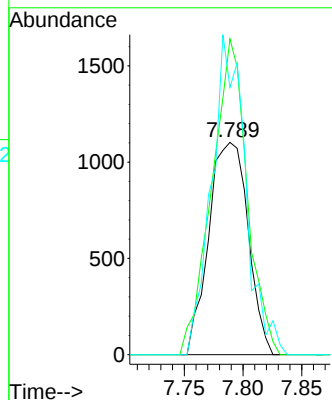
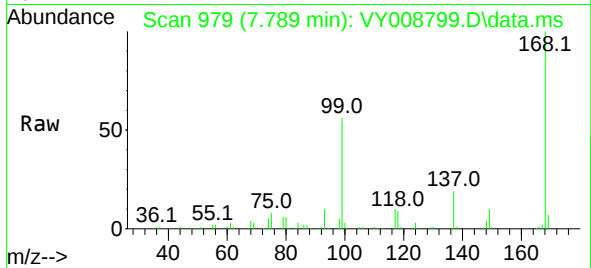




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

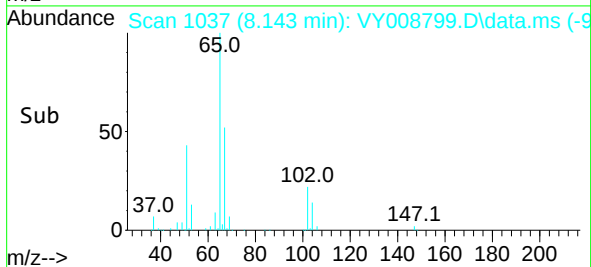
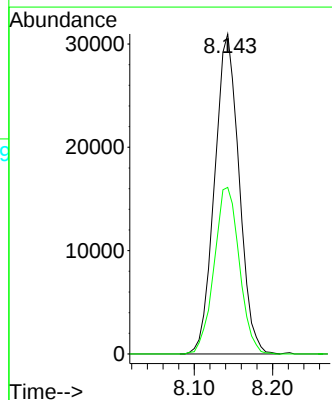
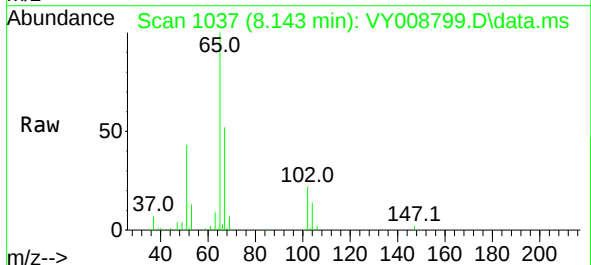
Instrument :
MSVOA_Y
ClientSampleId :

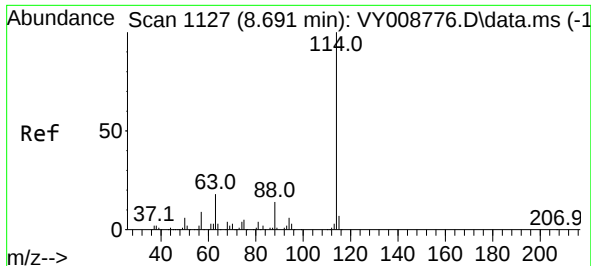
Tgt Ion: 56 Resp: 2564
Ion Ratio Lower Upper
56 100
69 148.7 26.7 40.1#
84 125.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.918 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

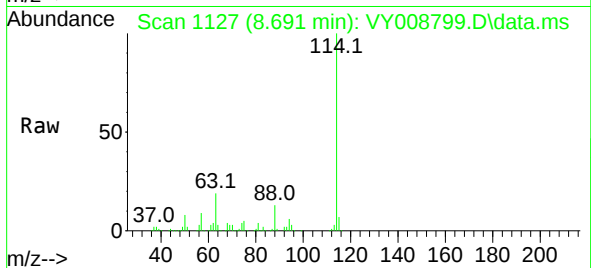
Tgt Ion: 65 Resp: 67241
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4



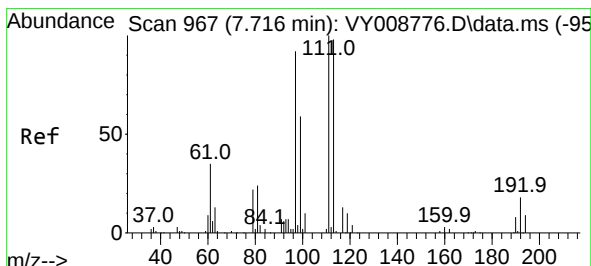
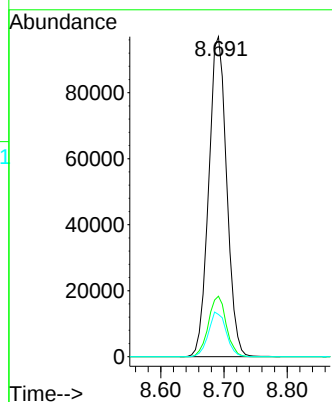
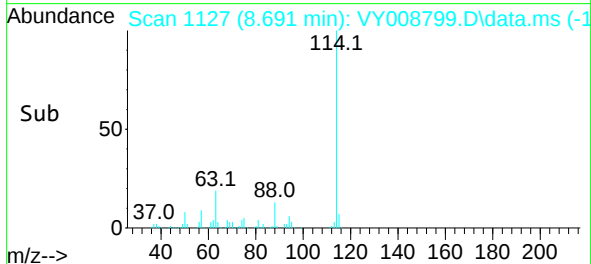


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

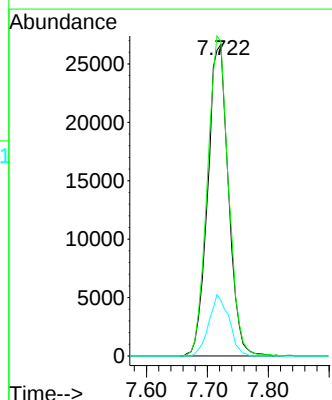
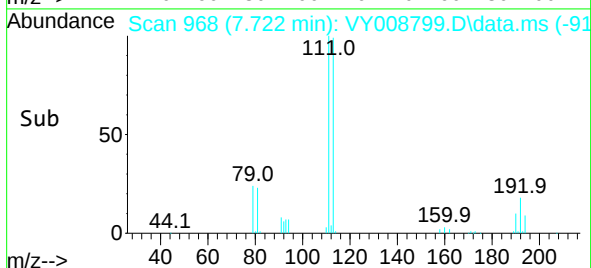
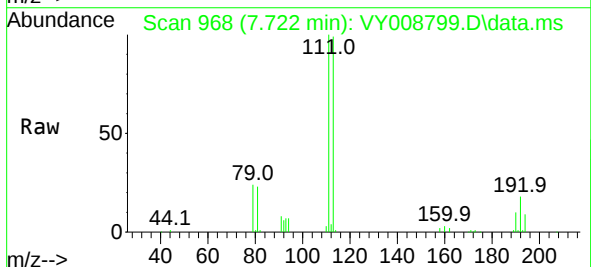


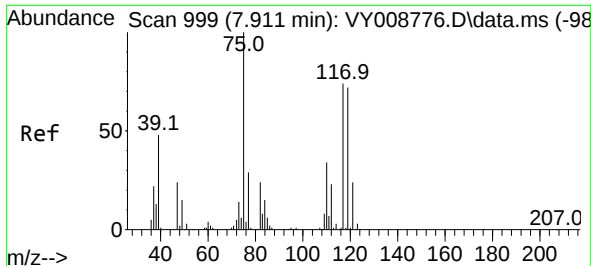
Tgt Ion:114 Resp: 191834
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 13.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.383 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

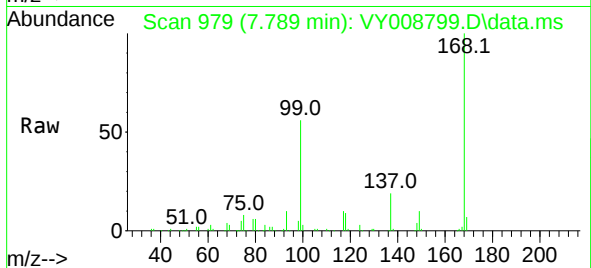
Tgt Ion:113 Resp: 63196
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.1 17.6 26.4



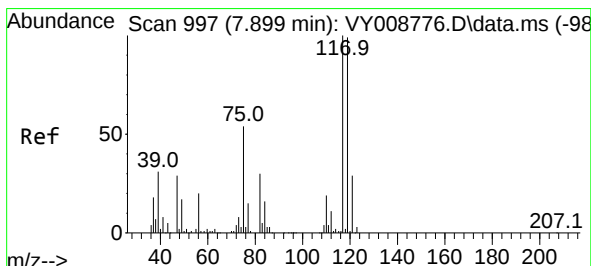
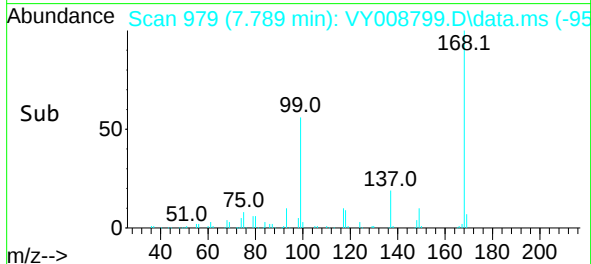
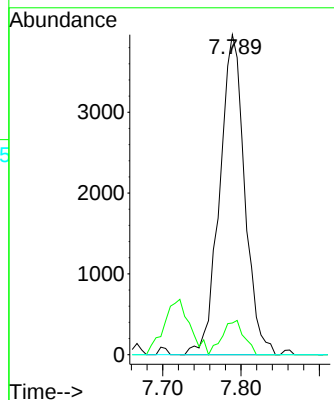


#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

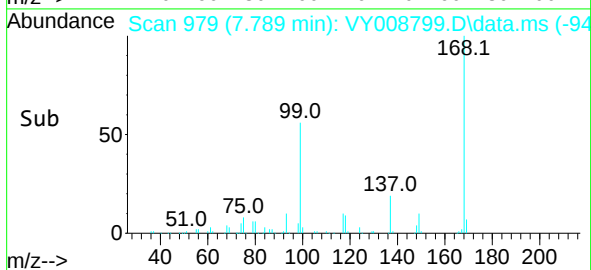
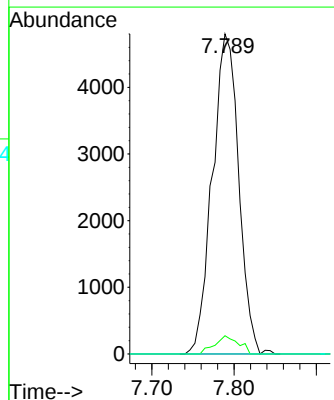
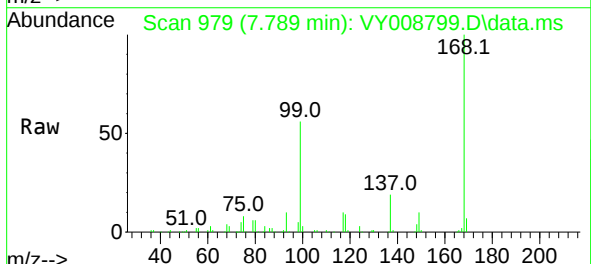


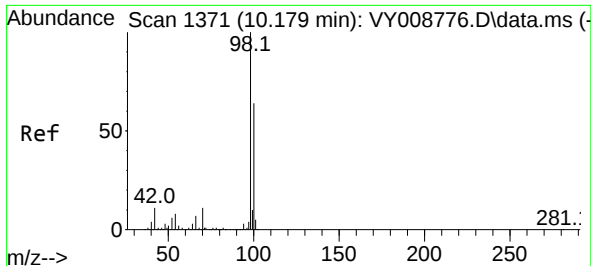
Tgt Ion: 75 Resp: 8808
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Tgt Ion: 117 Resp: 10680
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

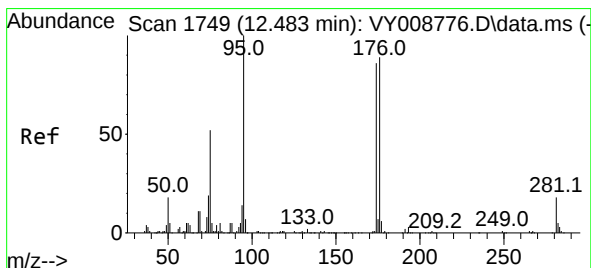
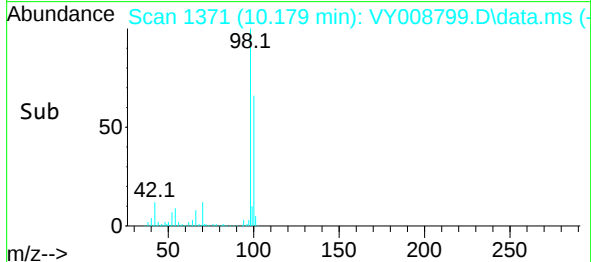
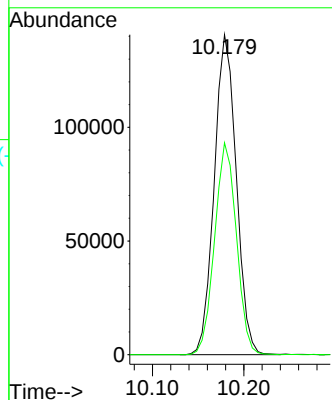
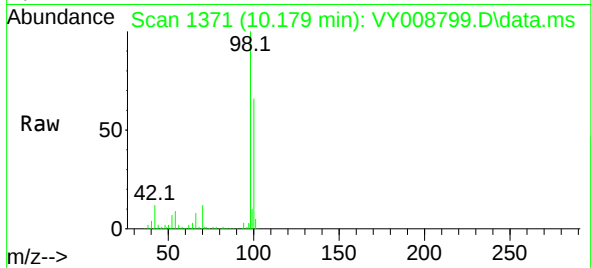




#50
Toluene-d8
Concen: 47.502 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

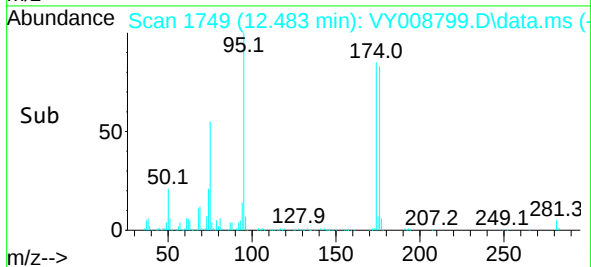
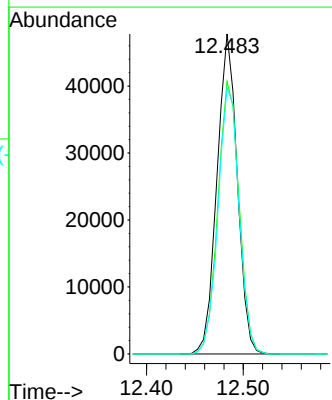
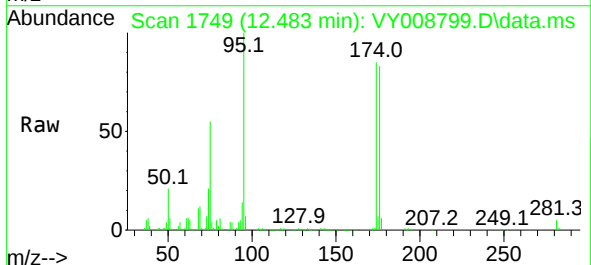
Instrument :
MSVOA_Y
ClientSampleId :

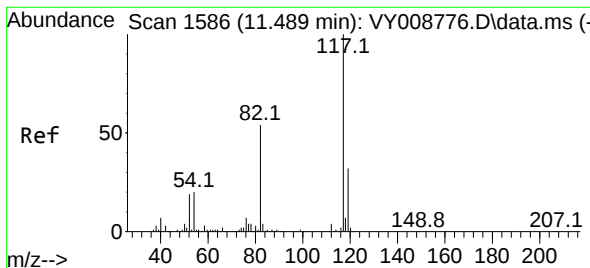
Tgt Ion: 98 Resp: 235819
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Tgt Ion: 95 Resp: 69537
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 86.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

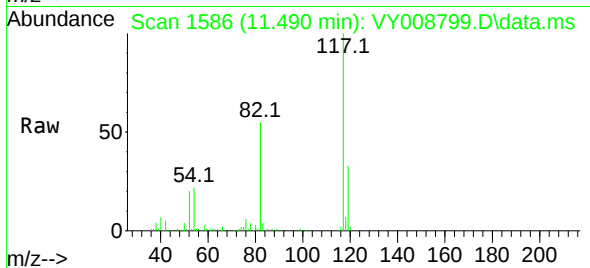
Lab File: VY008799.D

Acq: 18 May 2022 02:30

Instrument :

MSVOA_Y

ClientSampleId :



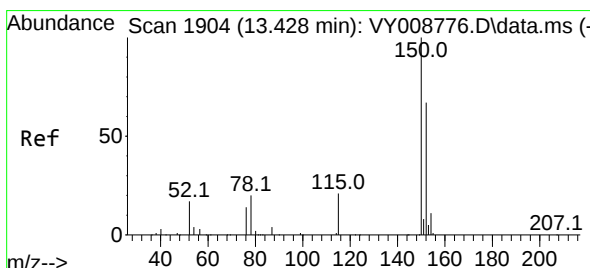
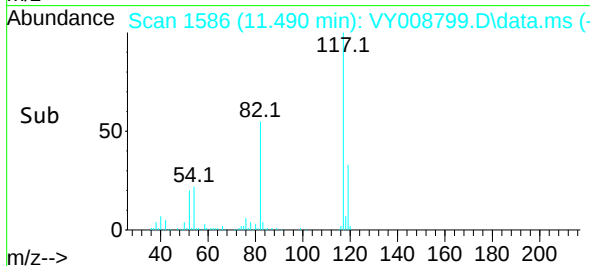
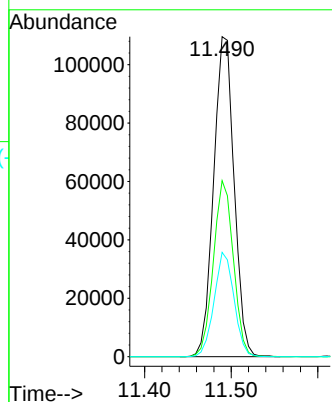
Tgt Ion:117 Resp: 180016

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

119 32.6 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: VY008799.D

Acq: 18 May 2022 02:30

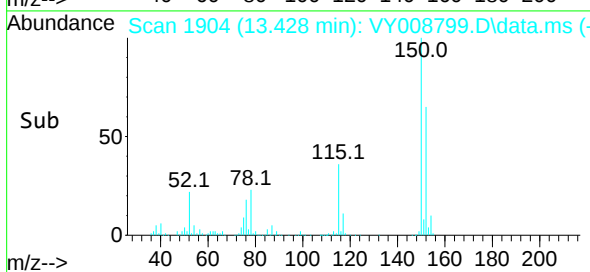
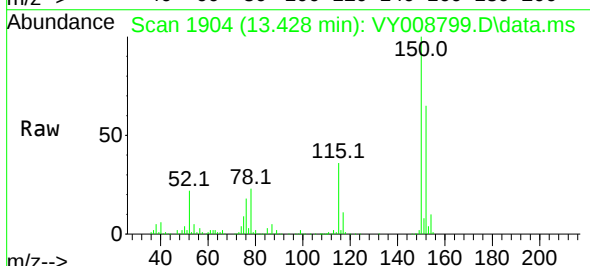
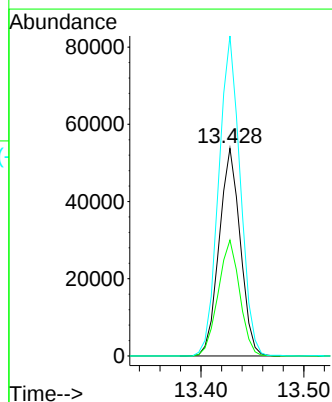
Tgt Ion:152 Resp: 76697

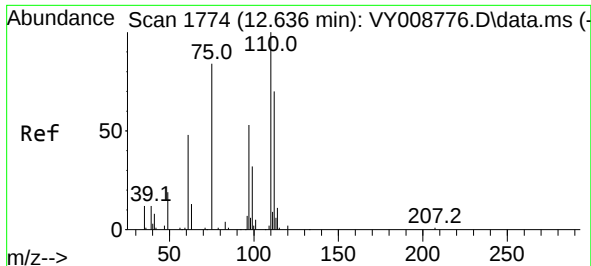
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 157.4 0.0 347.6

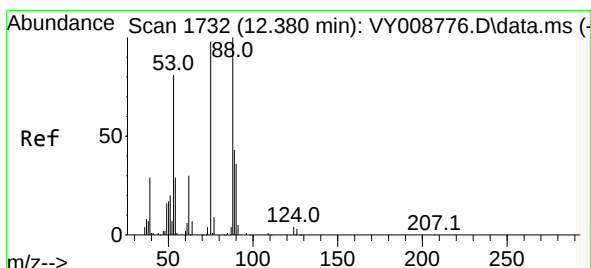
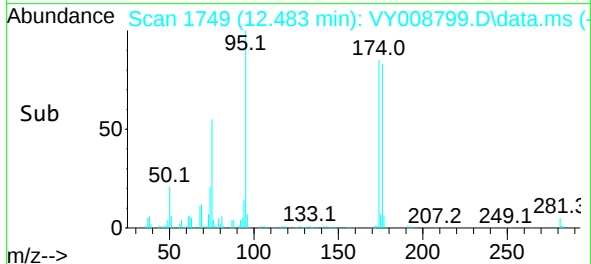
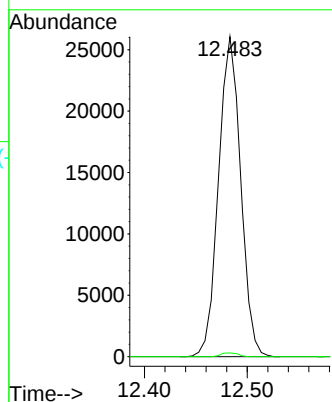
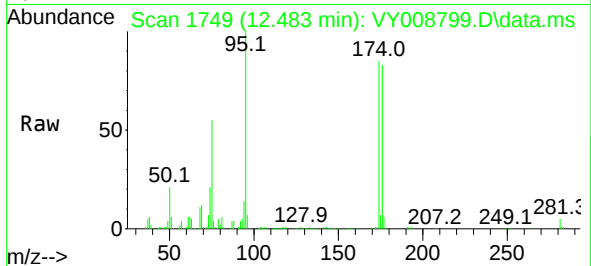




#76
1,2,3-Trichloropropane
Concen: 44.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38987
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008799.D
Acq: 18 May 2022 02:30

Tgt Ion: 75 Resp: 38987
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

