

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007858.D
 Acq On : 11 Mar 2022 16:37
 Operator : SY/MD
 Sample : N1864-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1

Quant Time: Mar 11 23:23:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

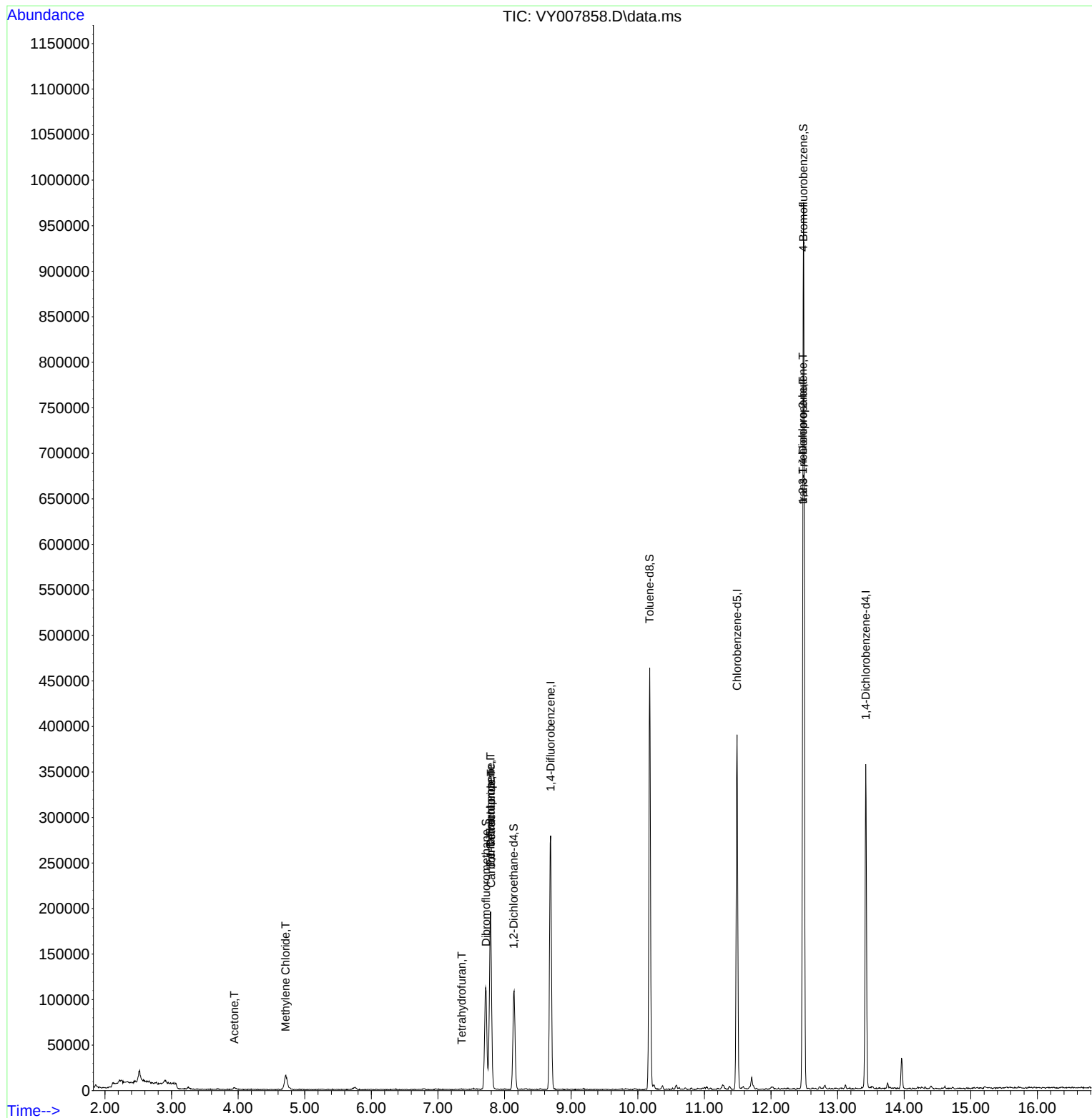
Internal Standards							
1) Pentafluorobenzene		7.789	168	144668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.691	114	234251	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.490	117	201280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.422	152	83011	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.137	65	80428	53.104	ug/l	0.00
Spiked Amount 50.000		Range 50 - 163		Recovery	= 106.200%		
35) Dibromofluoromethane		7.722	113	76475	51.064	ug/l	0.00
Spiked Amount 50.000		Range 54 - 147		Recovery	= 102.120%		
50) Toluene-d8		10.179	98	288099	52.259	ug/l	0.00
Spiked Amount 50.000		Range 49 - 140		Recovery	= 104.520%		
62) 4-Bromofluorobenzene		12.483	95	79129	44.528	ug/l	0.00
Spiked Amount 50.000		Range 25 - 144		Recovery	= 89.060%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.906	85	31	Below Cal	#	43
3) Chloromethane		2.113	50	1043	Below Cal	#	76
13) Acrolein		3.729	56	39	Below Cal	#	1
16) Acetone		3.942	43	3423	11.110	ug/l #	86
17) Carbon Disulfide		4.186	76	83	Below Cal	#	75
18) Methyl Acetate		4.479	43	94	Below Cal	#	56
20) Methylene Chloride		4.710	84	10406	2.944	ug/l #	87
29) Tetrahydrofuran		7.356	42	369	1.043	ug/l #	78
31) Cyclohexane		7.789	56	3696	Below Cal	#	1
36) 1,1-Dichloropropene		7.789	75	11901	5.051	ug/l #	52
38) Carbon Tetrachloride		7.795	117	15233	6.061	ug/l #	16
76) 1,2,3-Trichloropropane		12.477	75	53349	57.548	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.477	75	53349	117.649	ug/l #	9

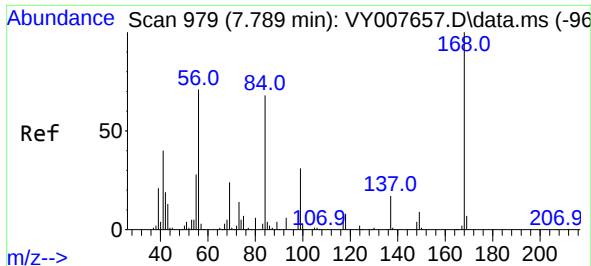
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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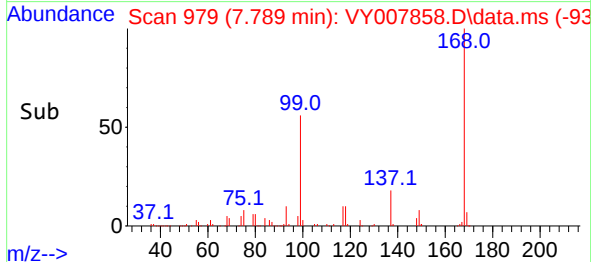
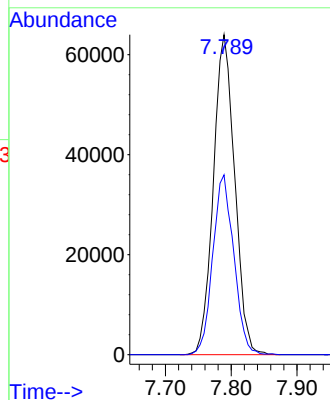
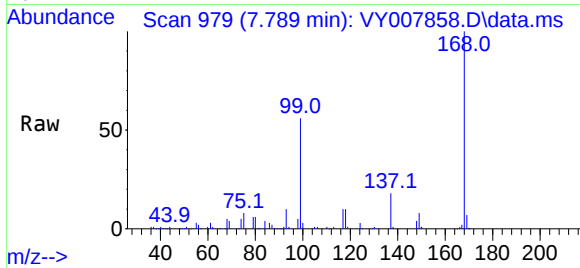




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

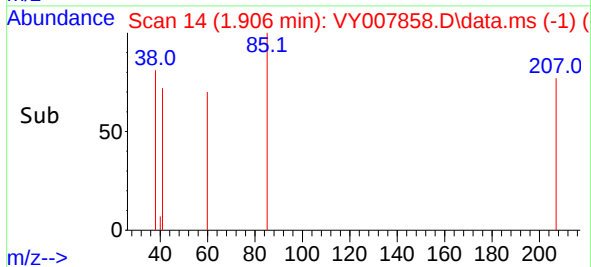
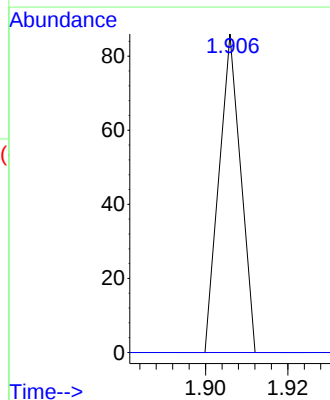
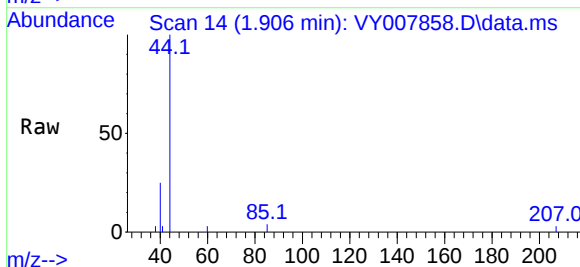
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

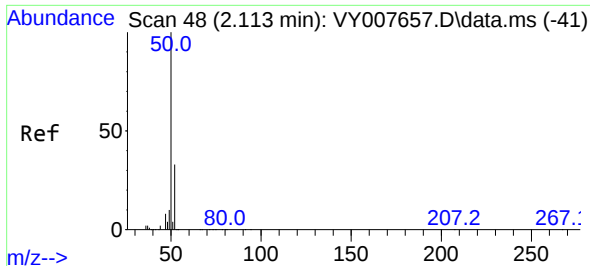
Tgt Ion:168 Resp: 144668
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 85 Resp: 31
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

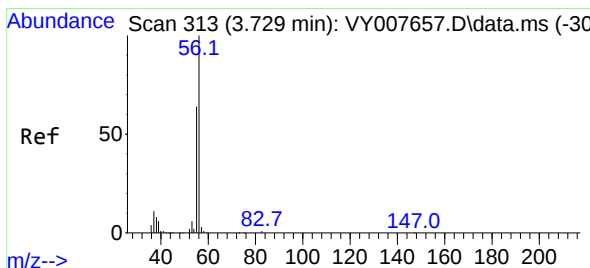
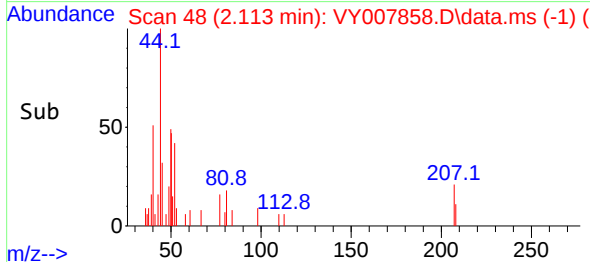
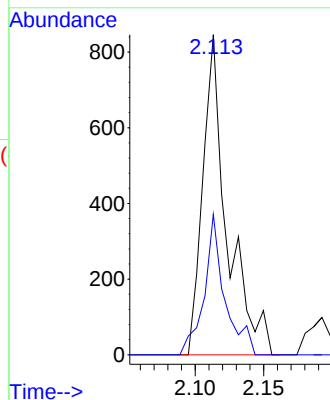
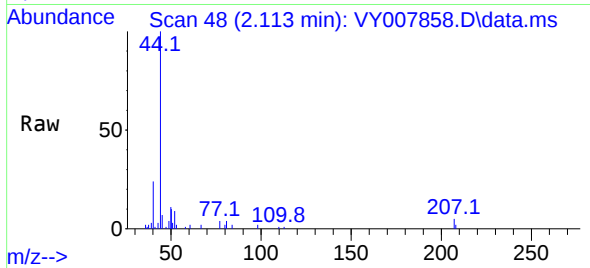




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

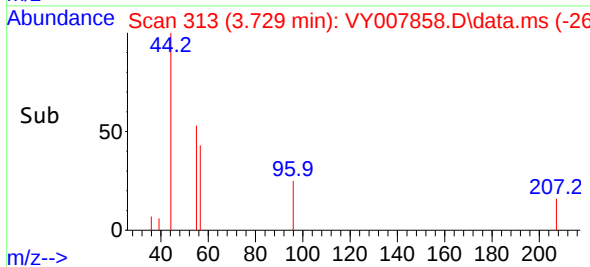
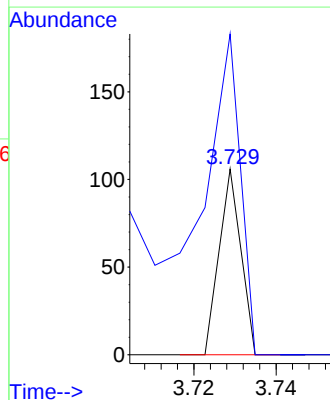
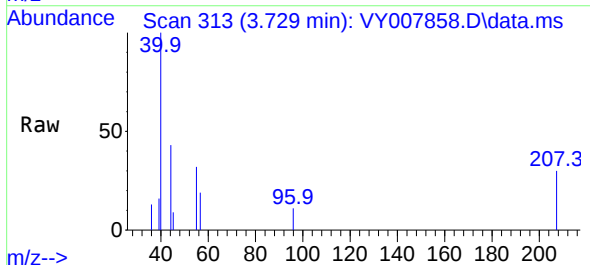
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

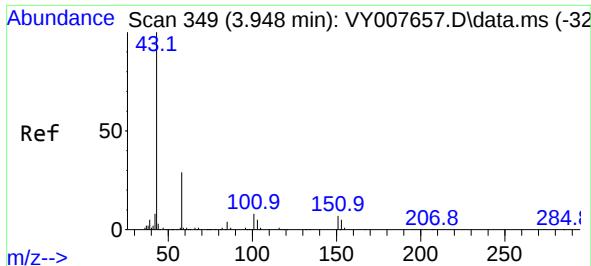
Tgt Ion: 50 Resp: 1043
Ion Ratio Lower Upper
50 100
52 43.9 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 305.1 57.6 86.4#

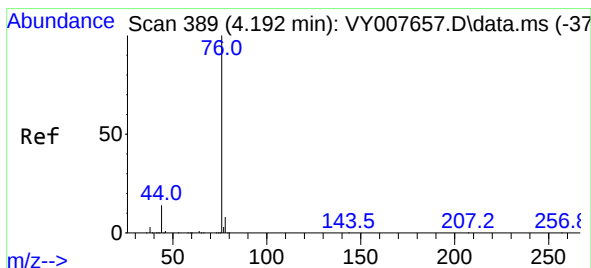
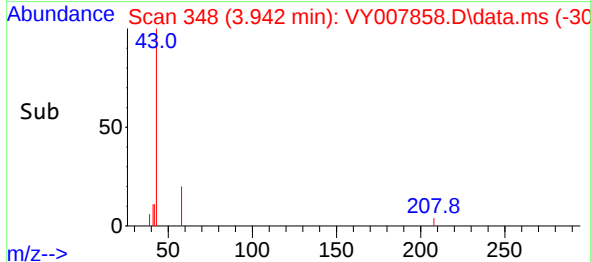
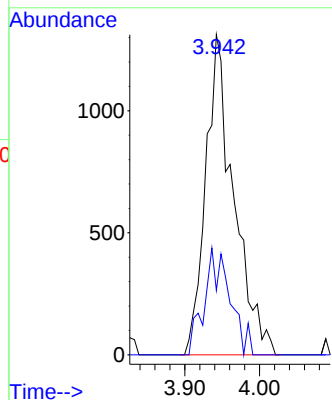
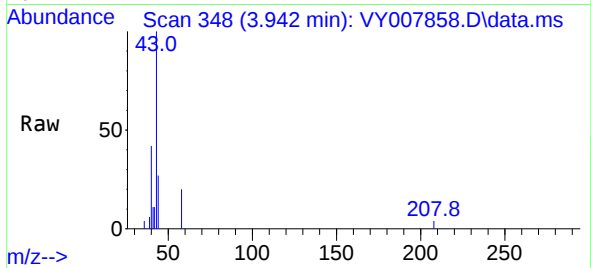




#16
Acetone
Concen: 11.110 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

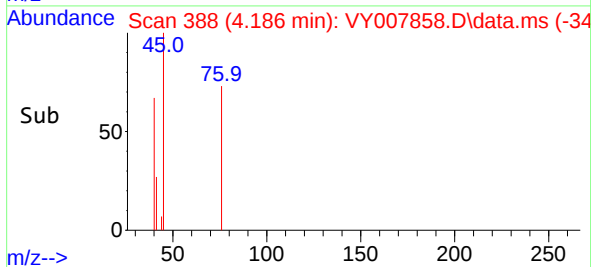
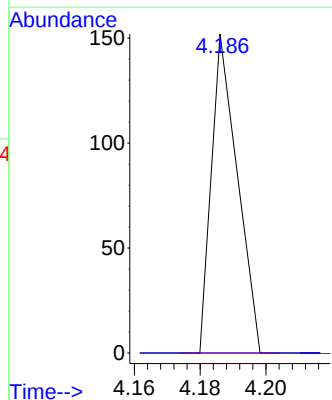
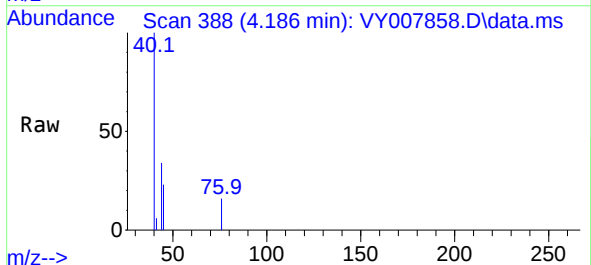
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

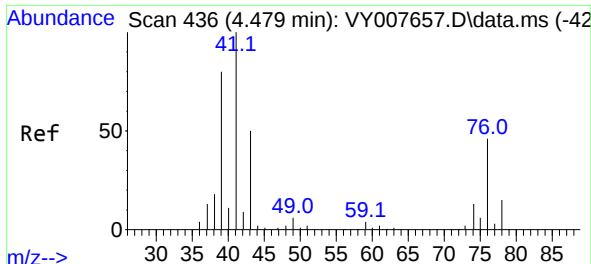
Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 20.1 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

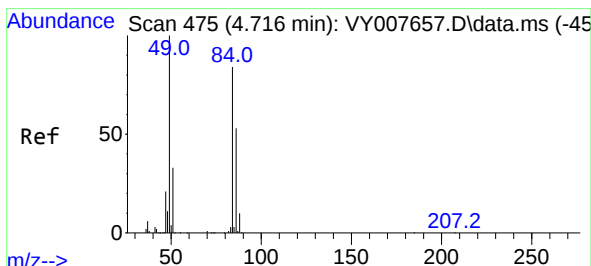
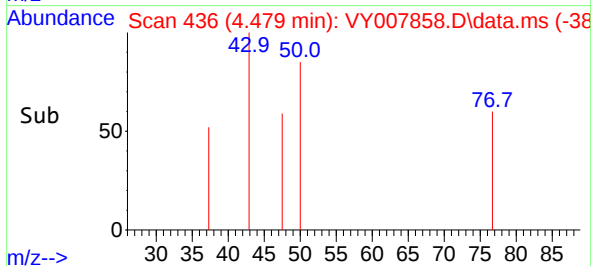
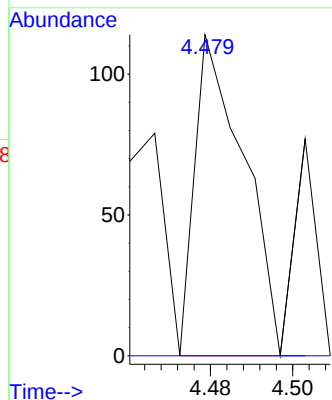
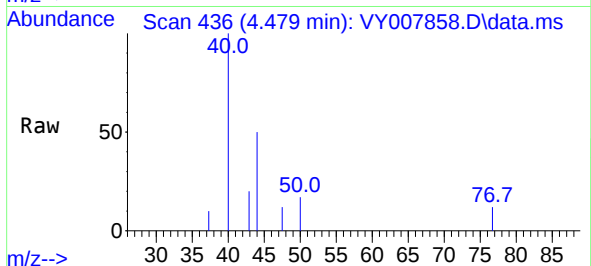




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

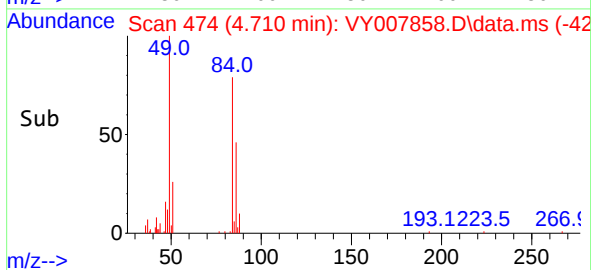
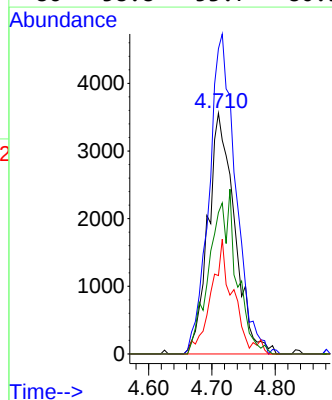
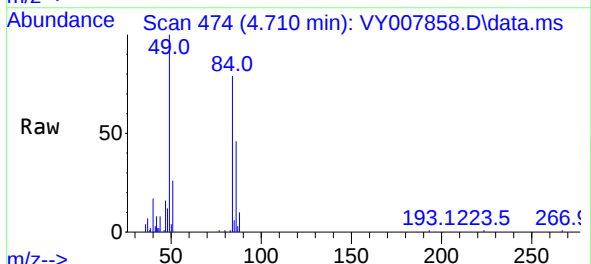
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

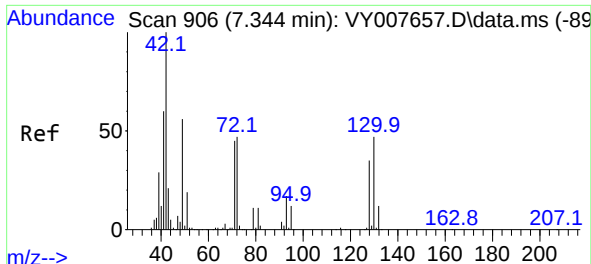
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.944 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 84 Resp: 10406
Ion Ratio Lower Upper
84 100
49 126.8 114.4 171.6
51 32.6 35.3 52.9#
86 58.8 53.7 80.5

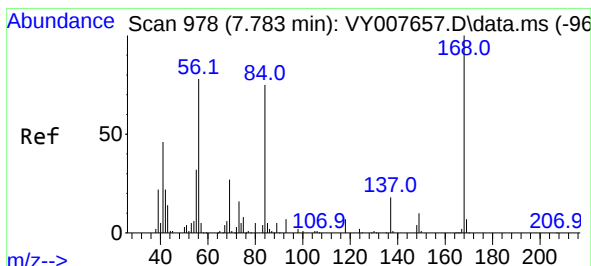
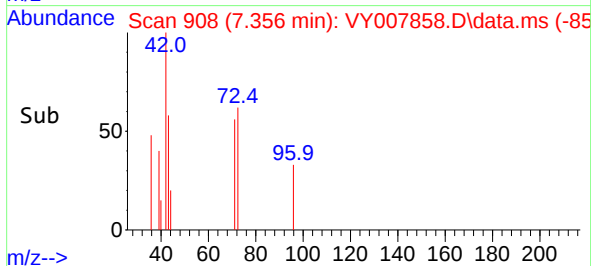
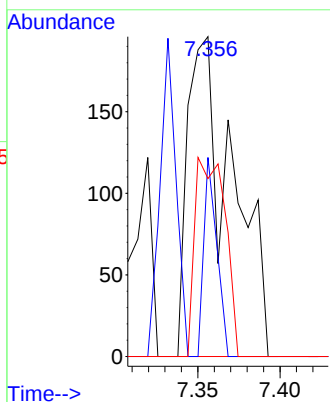
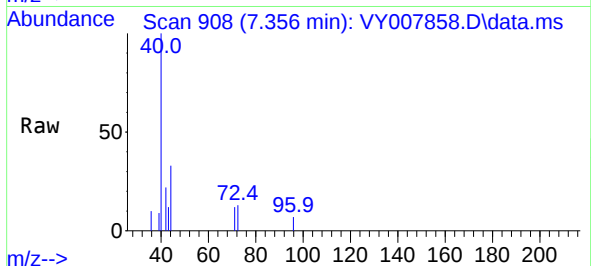




#29
Tetrahydrofuran
Concen: 1.043 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

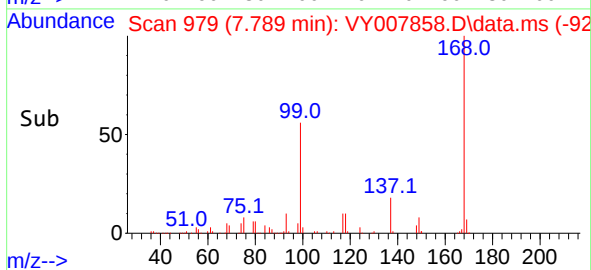
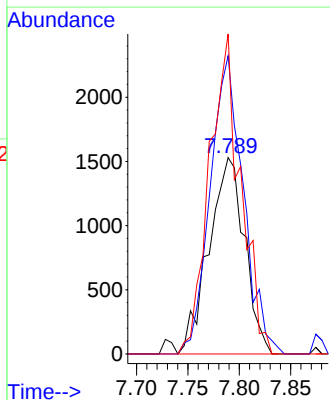
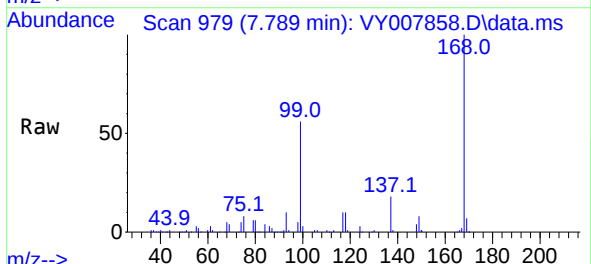
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

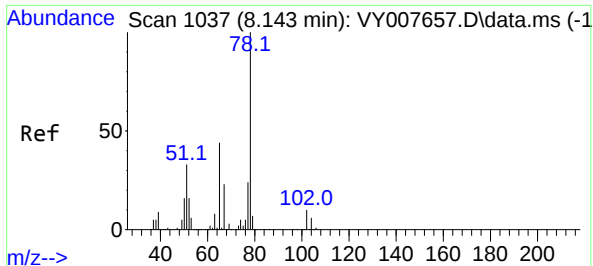
Tgt Ion:	42	Resp:	369
Ion	Ratio	Lower	Upper
42	100		
72	18.2	30.3	45.5#
71	42.0	29.0	43.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion:	56	Resp:	3696
Ion	Ratio	Lower	Upper
56	100		
69	152.0	26.7	40.1#
84	163.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.104 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY007858.D

Acq: 11 Mar 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

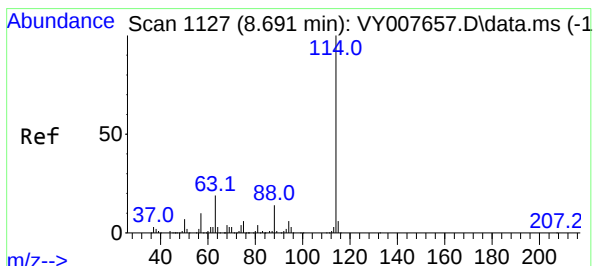
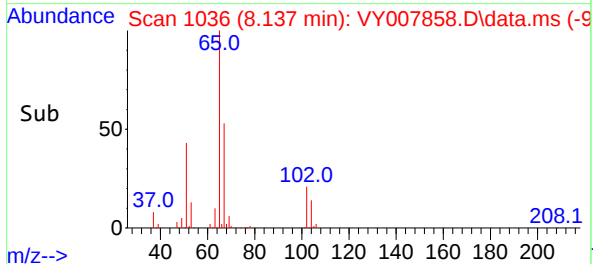
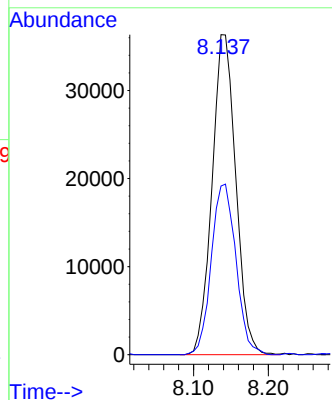
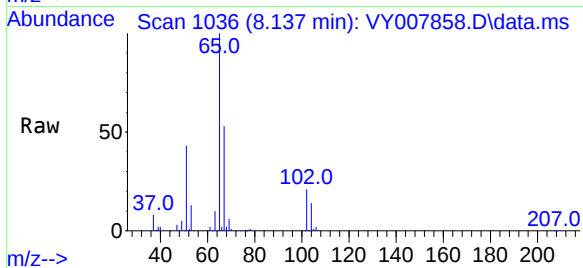
MB-B2-030922-0-1

Tgt Ion: 65 Resp: 80428

Ion Ratio Lower Upper

65 100

67 55.1 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: VY007858.D

Acq: 11 Mar 2022 16:37

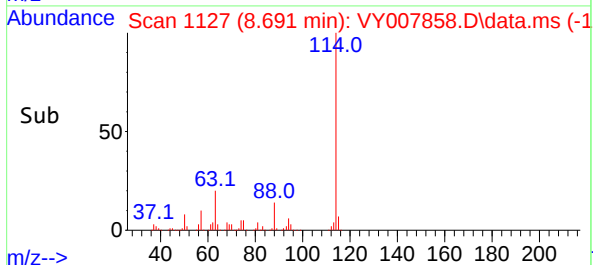
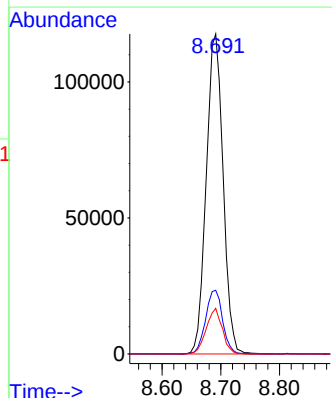
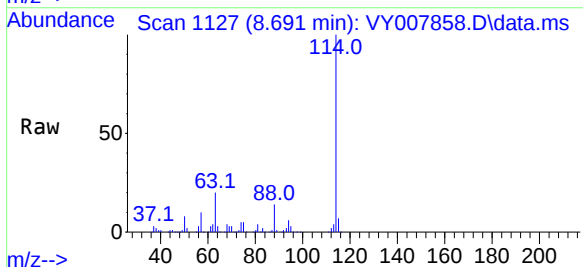
Tgt Ion: 114 Resp: 234251

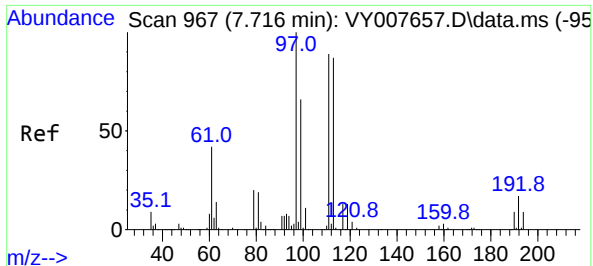
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.3 0.0 31.8

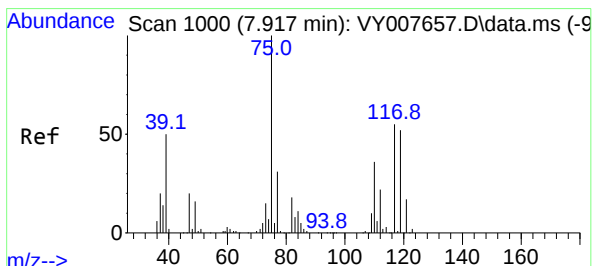
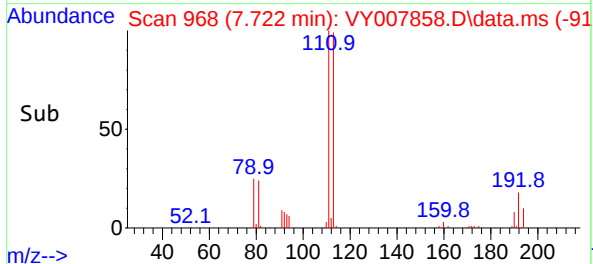
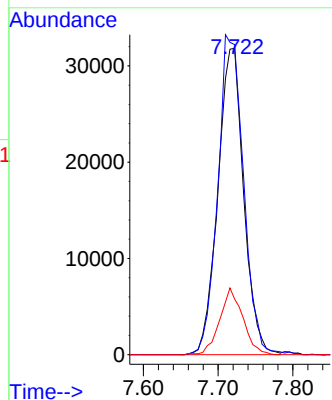
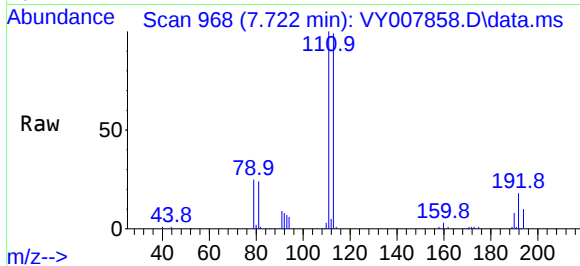




#35
Dibromofluoromethane
Concen: 51.064 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

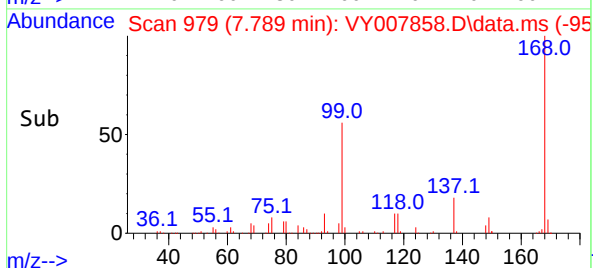
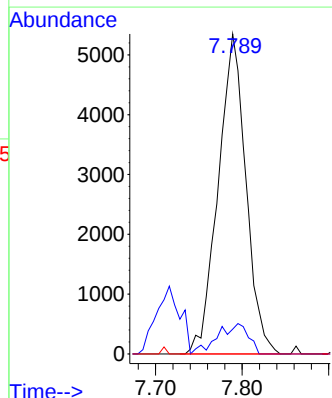
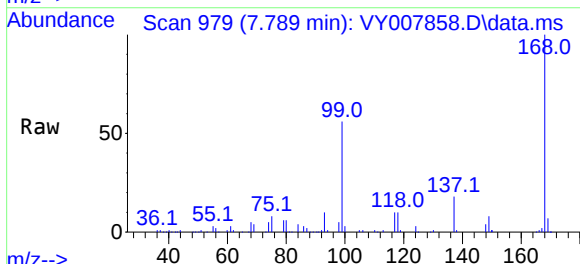
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

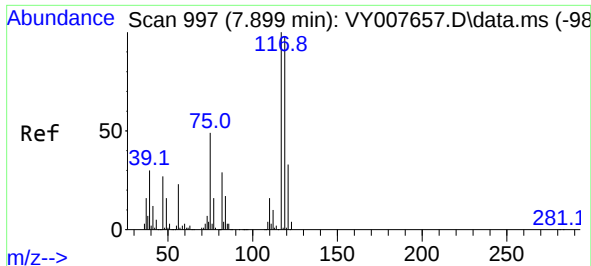
Tgt Ion:113 Resp: 76475
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 75 Resp: 11901
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

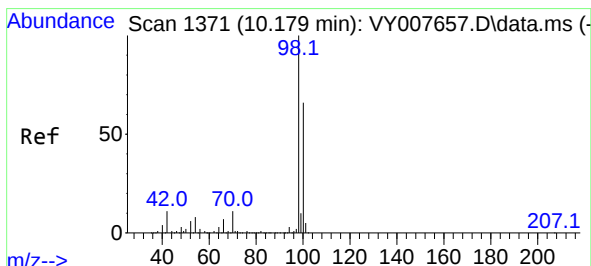
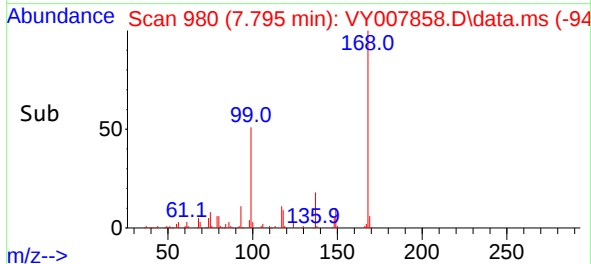
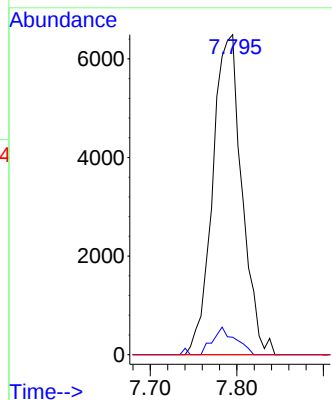
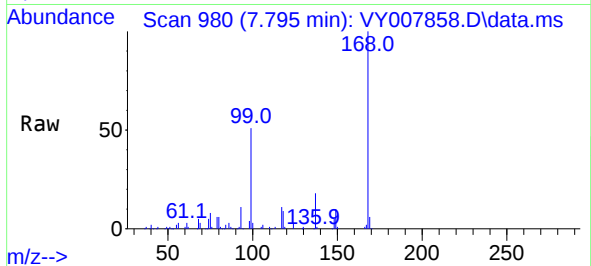




#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

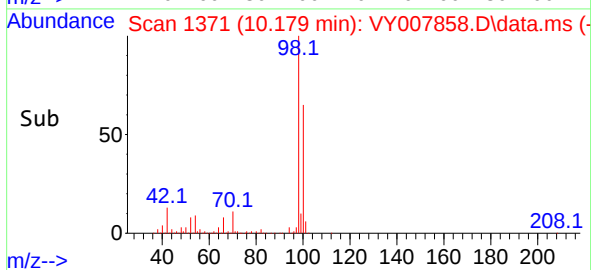
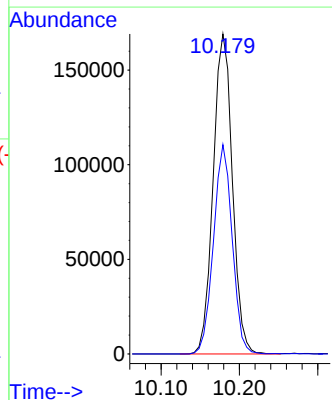
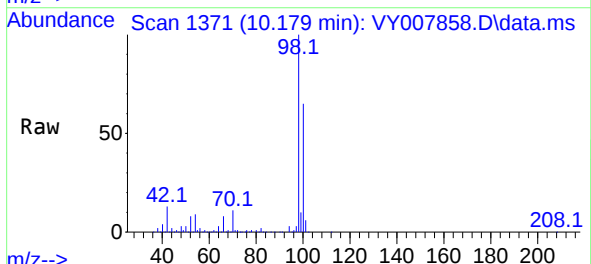
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

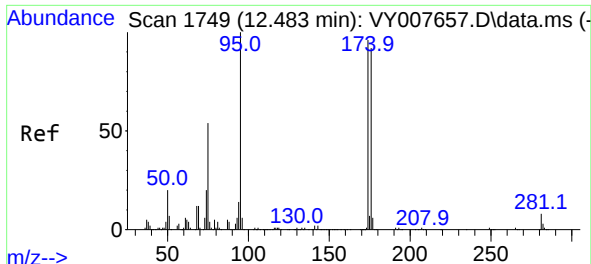
Tgt Ion:117 Resp: 15233
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 98 Resp: 288099
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

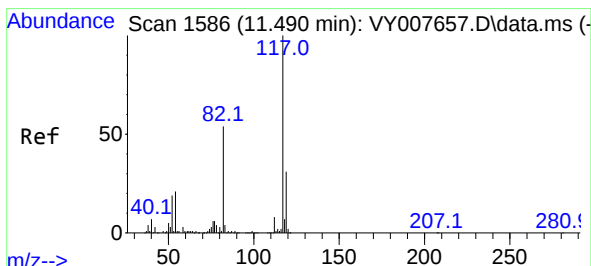
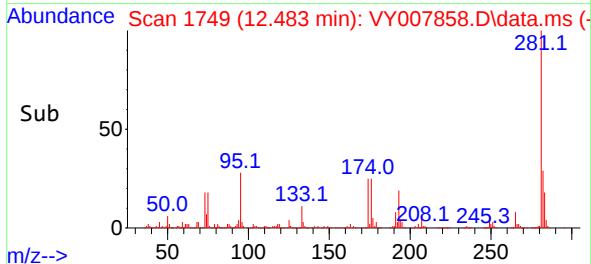
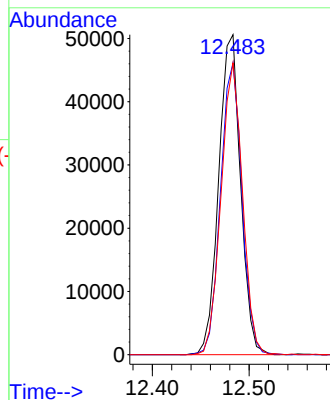
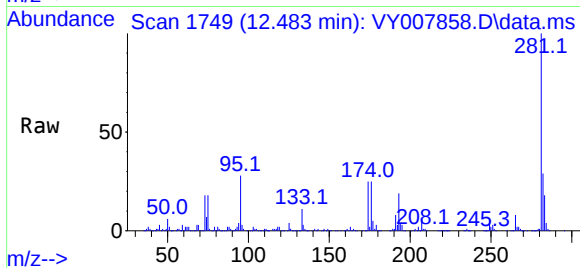




#62
4-Bromofluorobenzene
Concen: 44.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

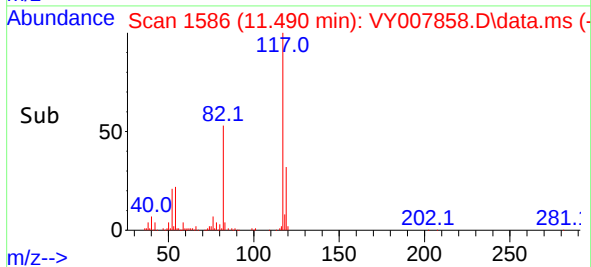
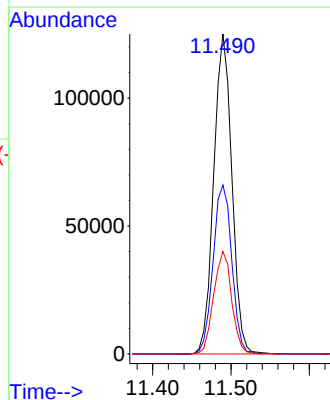
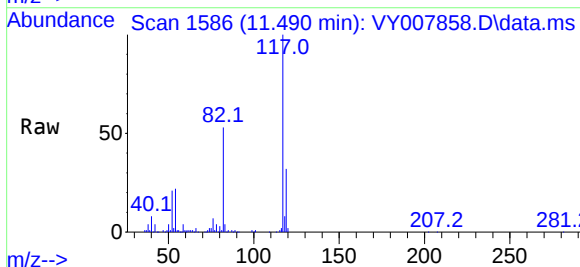
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-0-1

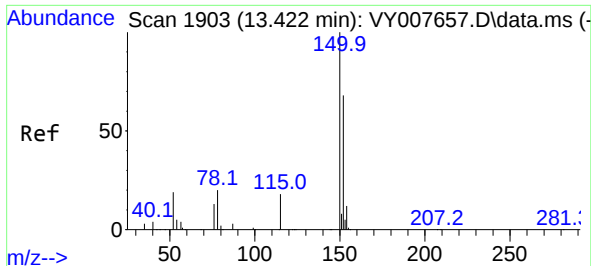
Tgt Ion: 95 Resp: 79129
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007858.D
Acq: 11 Mar 2022 16:37

Tgt Ion: 117 Resp: 201280
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 25.4 38.0

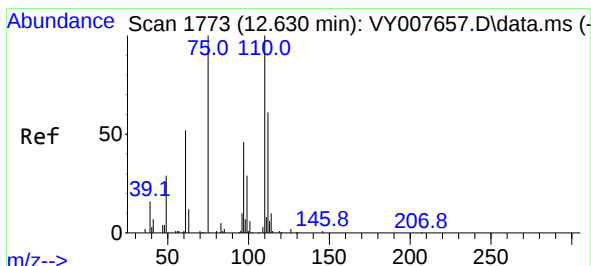
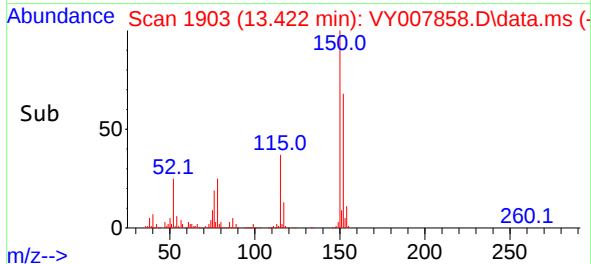
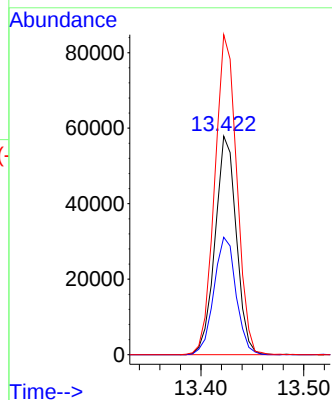
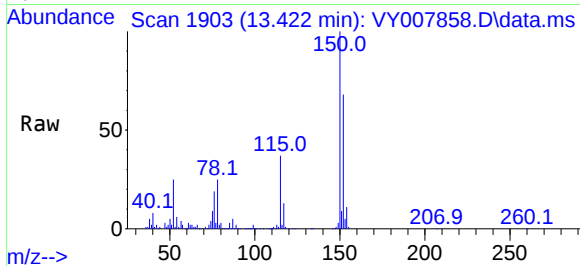




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007858.D
 Acq: 11 Mar 2022 16:37

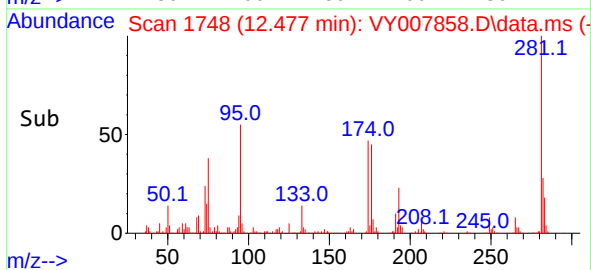
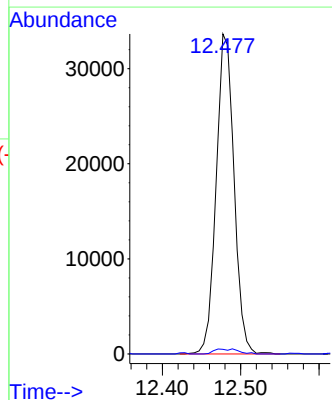
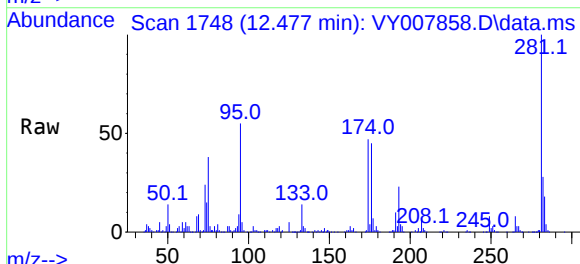
Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1

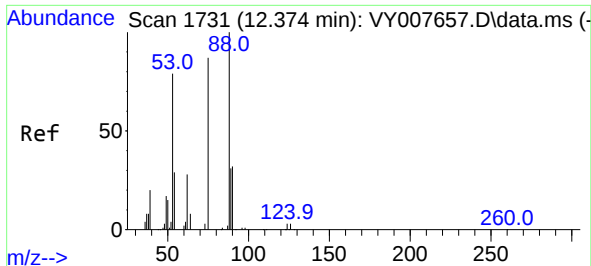
Tgt Ion:152 Resp: 83011
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 151.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 57.548 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007858.D
 Acq: 11 Mar 2022 16:37

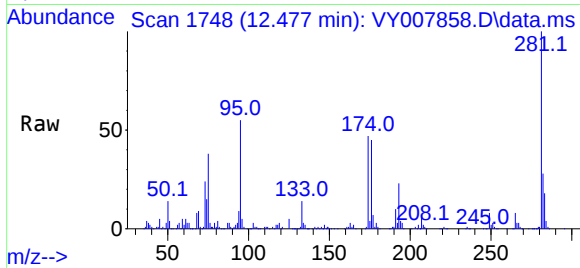
Tgt Ion: 75 Resp: 53349
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.649 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007858.D
 Acq: 11 Mar 2022 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-0-1



Tgt Ion: 75 Resp: 53349
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 3.9 37.0 55.4#

