

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004947.D
 Acq On : 03 Jun 2021 19:18
 Operator : SY/MD
 Sample : M2589-17
 Misc : 6.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:19:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

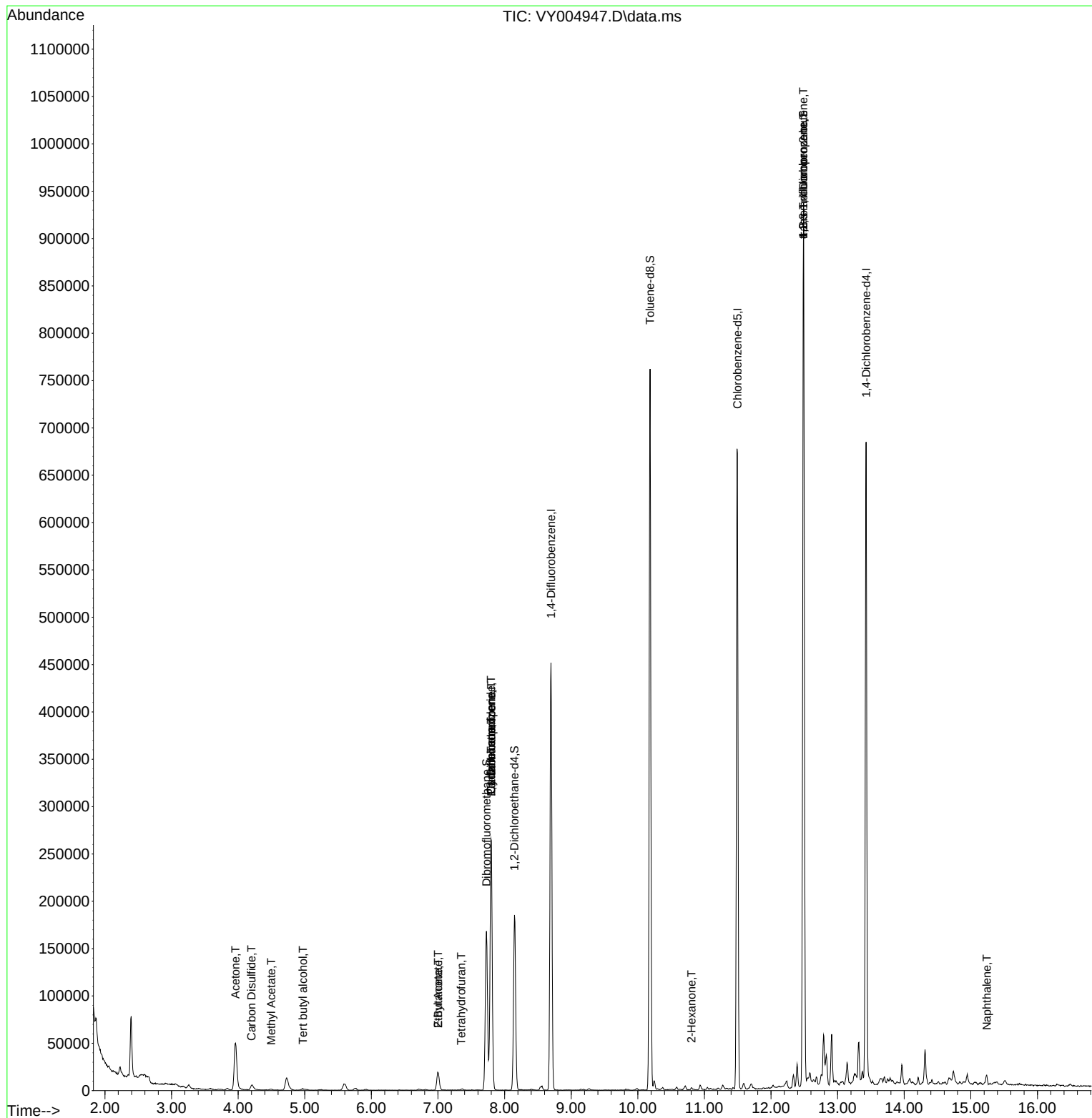
Internal Standards						
1) Pentafluorobenzene	7.801	168	202699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	364840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142047	66.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.58%			
35) Dibromofluoromethane	7.728	113	117321	57.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.76%			
50) Toluene-d8	10.185	98	472470	56.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.26%			
62) 4-Bromofluorobenzene	12.483	95	167354	57.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.62%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	2845	11.54	ug/l #	83
13) Acrolein	3.735	56	803	Below	Cal	99
16) Acetone	3.960	43	92283	178.90	ug/l	98
17) Carbon Disulfide	4.198	76	8543	1.33	ug/l	98
18) Methyl Acetate	4.497	43	1912	1.16	ug/l #	75
20) Methylene Chloride	4.728	84	9448	Below	Cal	97
25) 2-Butanone	7.002	43	33681	38.83	ug/l	96
29) Tetrahydrofuran	7.350	42	696	1.26	ug/l #	39
31) Cyclohexane	7.795	56	4942	1.31	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	17165	4.66	ug/l #	48
37) Ethyl Acetate	7.002	43	33681	13.89	ug/l #	70
38) Carbon Tetrachloride	7.795	117	20100	6.26	ug/l #	16
59) 2-Hexanone	10.807	43	2034	1.32	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	92979	52.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92979	95.60	ug/l #	16
95) Naphthalene	15.239	128	7514	1.18	ug/l	95

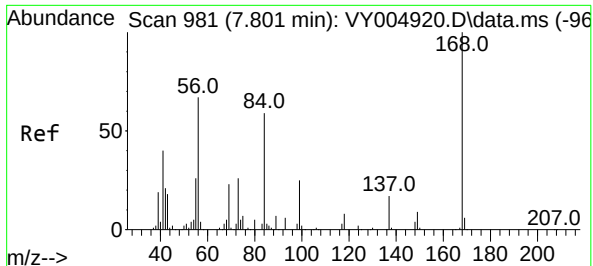
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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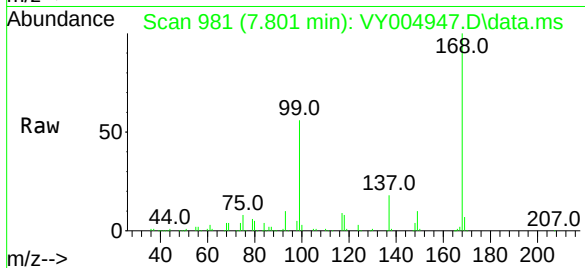
Quant Time: Jun 04 01:19:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration



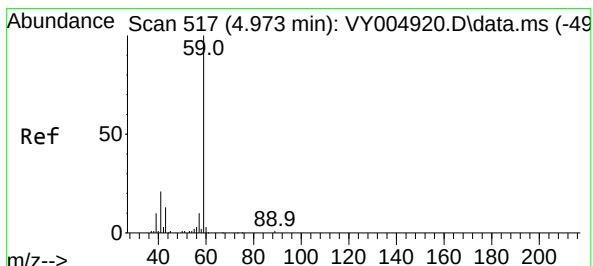
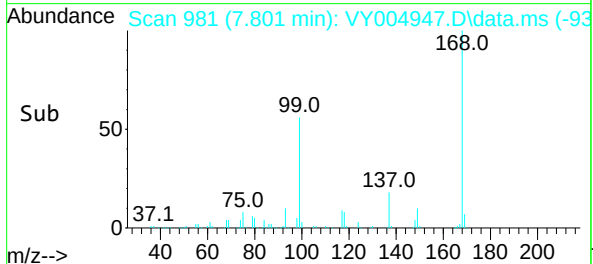
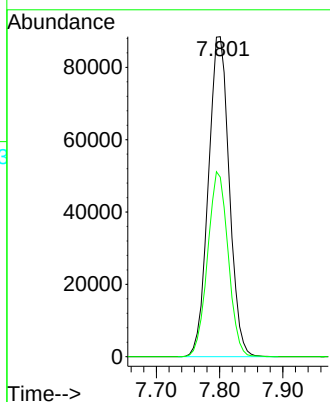


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Instrument :
MSVOA_Y
ClientSampleId :

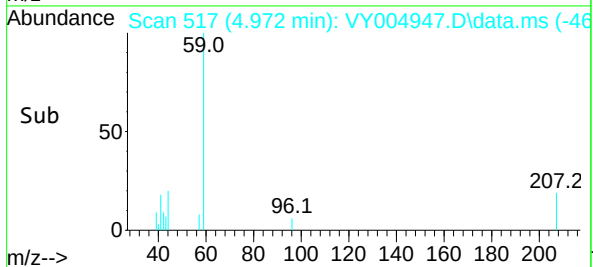
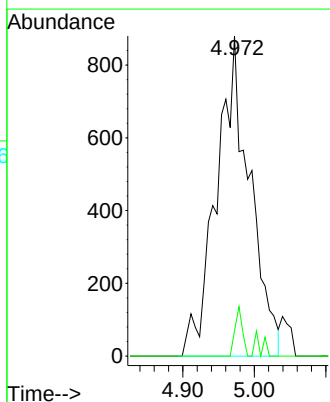
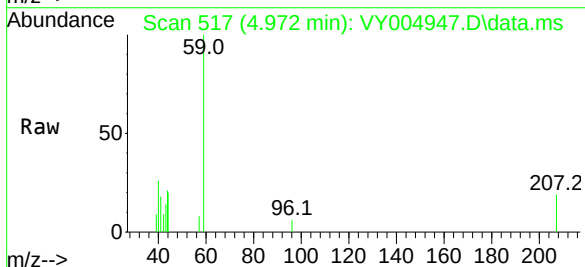


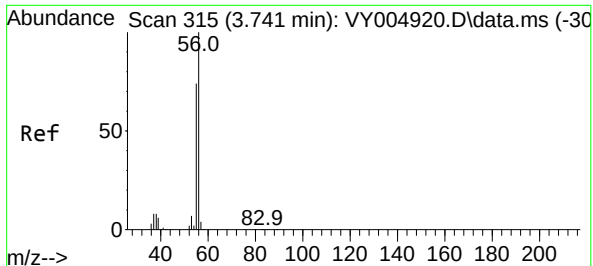
Tgt Ion:168 Resp: 202699
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 11.54 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion: 59 Resp: 2845
Ion Ratio Lower Upper
59 100
57 3.4 7.7 11.5#

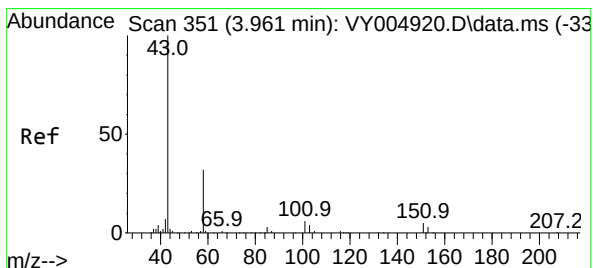
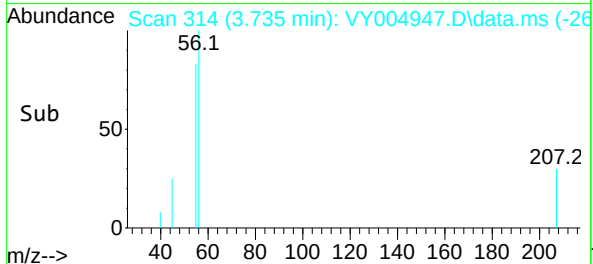
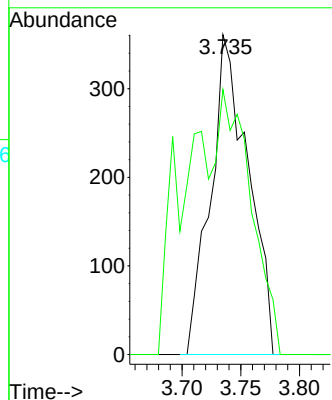
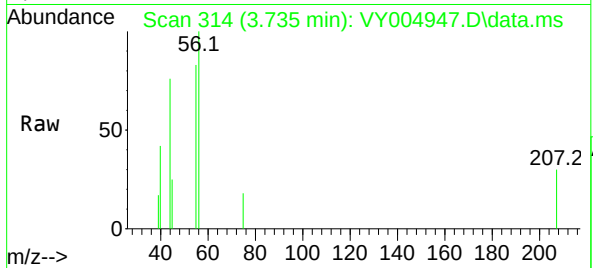




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

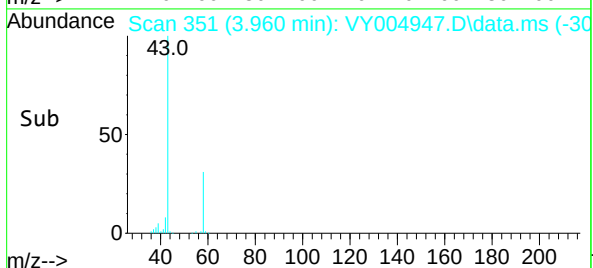
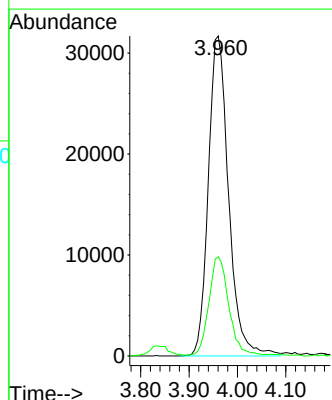
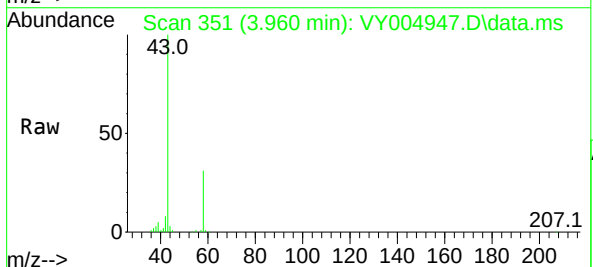
Instrument :
MSVOA_Y
ClientSampleId :

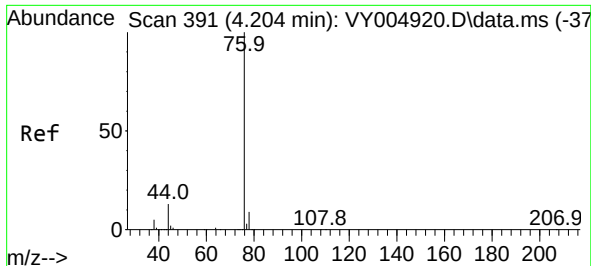
Tgt Ion: 56 Resp: 803
Ion Ratio Lower Upper
56 100
55 68.4 55.4 83.2



#16
Acetone
Concen: 178.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion: 43 Resp: 92283
Ion Ratio Lower Upper
43 100
58 30.5 25.3 37.9

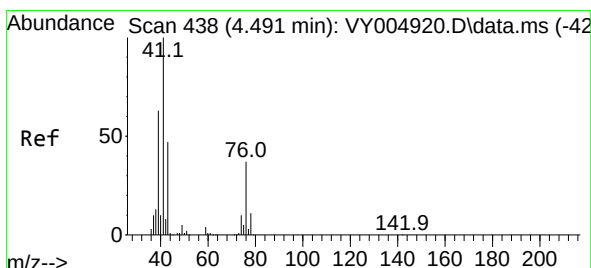
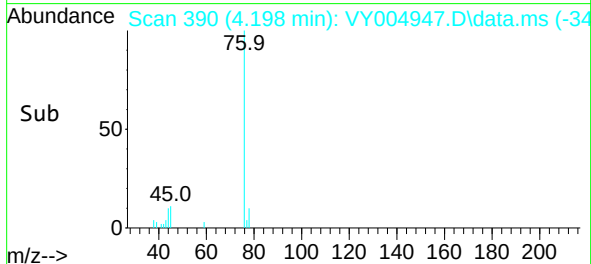
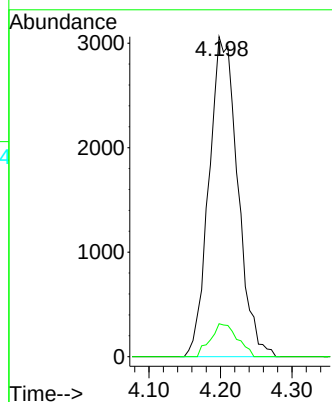
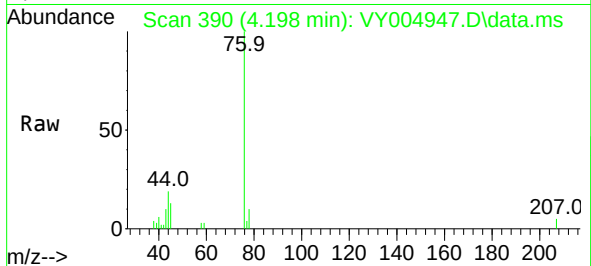




#17
Carbon Disulfide
Concen: 1.33 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

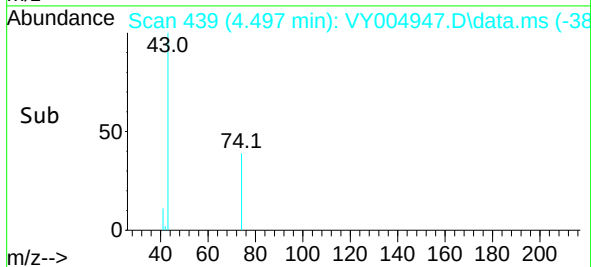
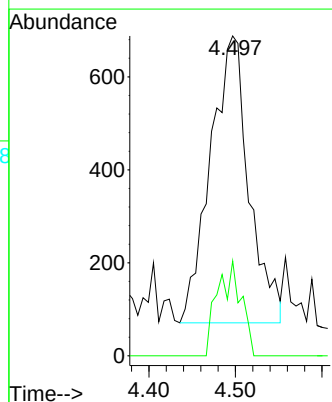
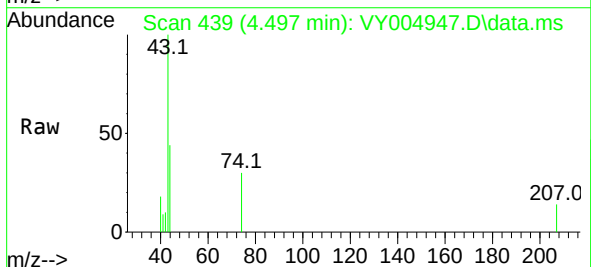
Instrument :
MSVOA_Y
ClientSampled :

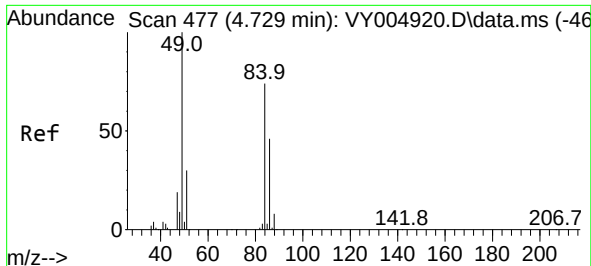
Tgt Ion: 76 Resp: 8543
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4



#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

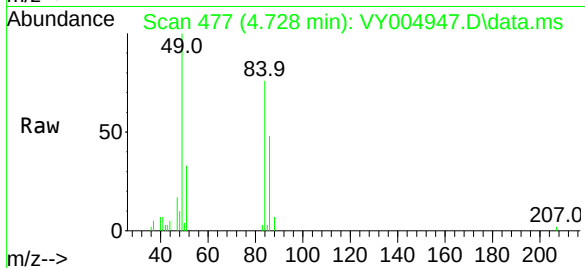
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
74 10.4 18.0 27.0#



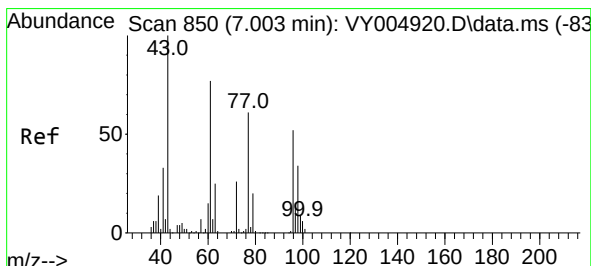
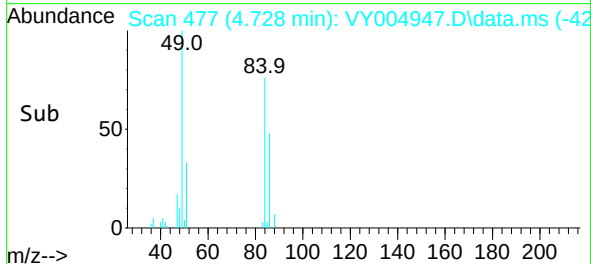
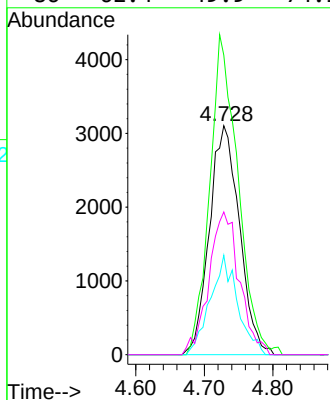


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Instrument :
MSVOA_Y
ClientSampleId :

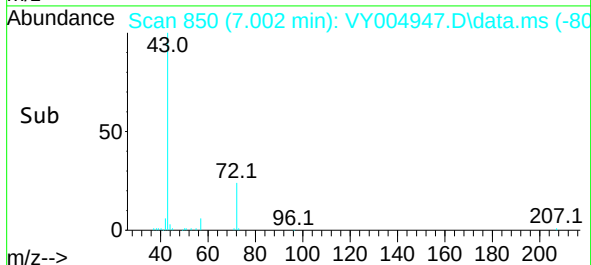
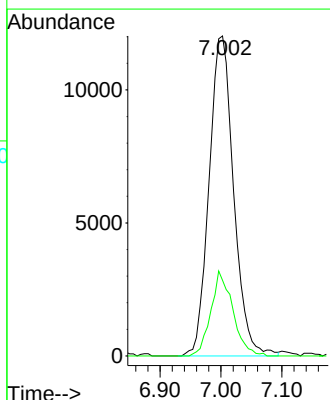
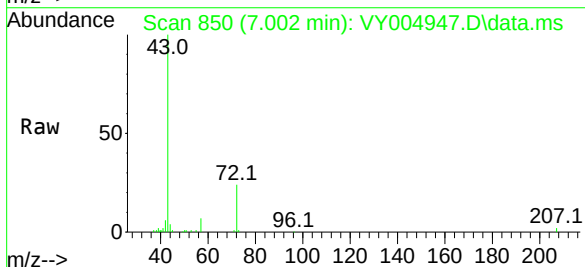


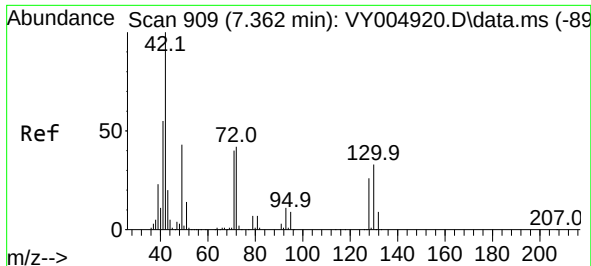
Tgt Ion:	84	Resp:	9448
Ion	Ratio	Lower	Upper
84	100		
49	130.9	108.0	162.0
51	43.4	32.6	48.8
86	62.4	49.9	74.9



#25
2-Butanone
Concen: 38.83 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion:	43	Resp:	33681
Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.6	31.0





#29

Tetrahydrofuran

Concen: 1.26 ug/l

RT: 7.350 min Scan# 907

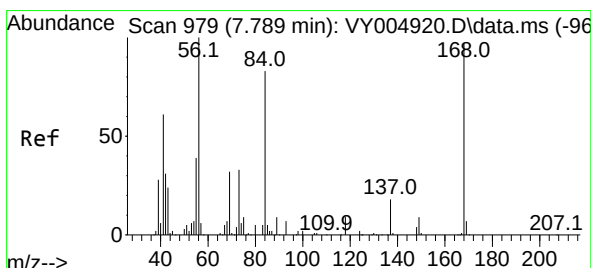
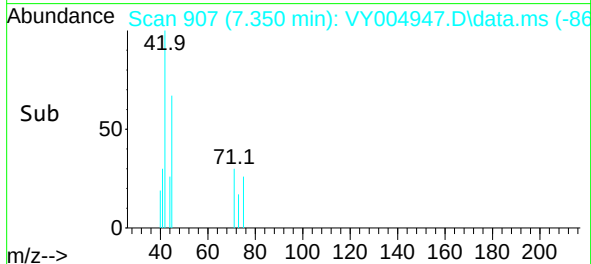
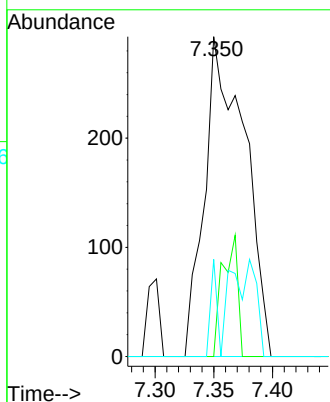
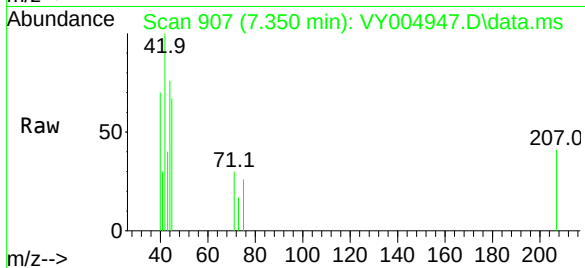
Delta R.T. -0.012 min

Lab File: VY004947.D

Acq: 03 Jun 2021 19:18

Tgt Ion:	42	Resp:	696
Ion Ratio	Lower	Upper	
42	100		
72	0.0	32.6	49.0#
71	4.7	30.9	46.3#

Instrument :
MSVOA_Y
ClientSampled :



#31

Cyclohexane

Concen: 1.31 ug/l

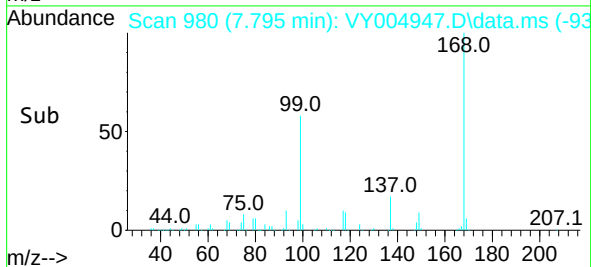
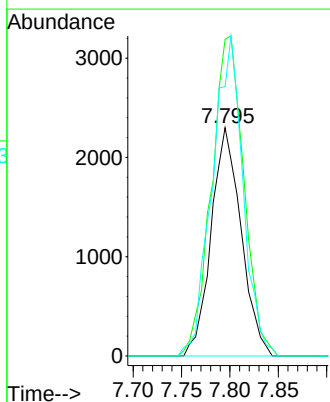
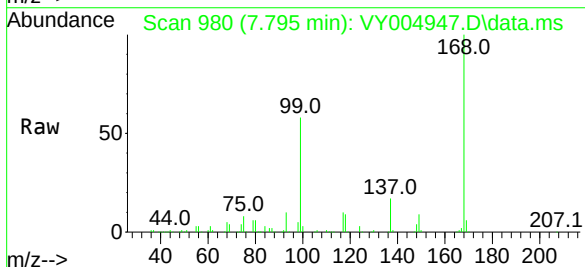
RT: 7.795 min Scan# 980

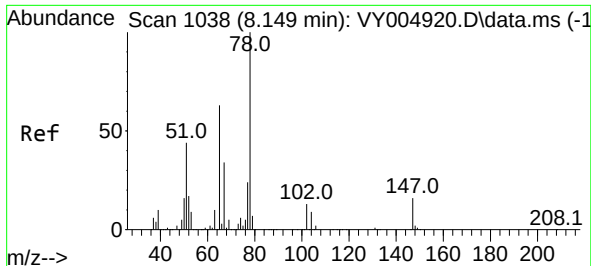
Delta R.T. 0.006 min

Lab File: VY004947.D

Acq: 03 Jun 2021 19:18

Tgt Ion:	56	Resp:	4942
Ion Ratio	Lower	Upper	
56	100		
69	138.6	25.3	37.9#
84	117.9	66.2	99.4#

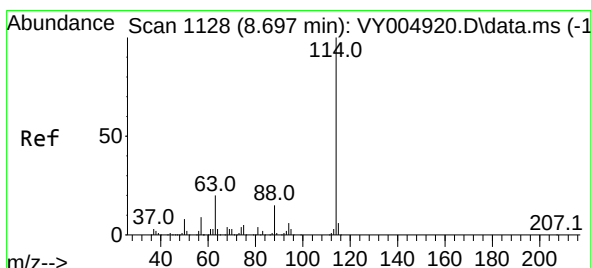
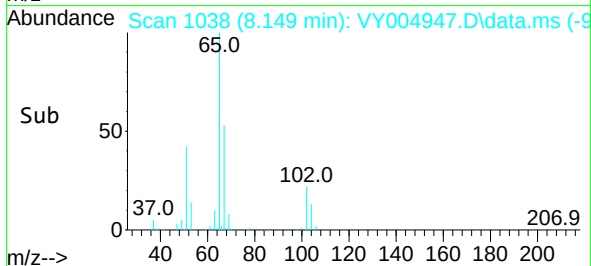
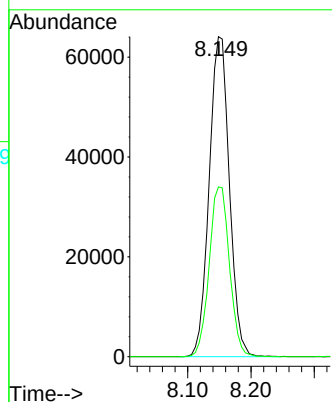
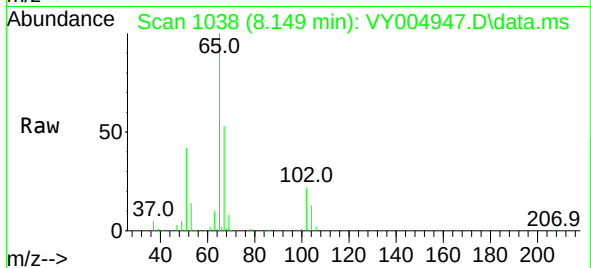




#33
1,2-Dichloroethane-d4
Concen: 66.29 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

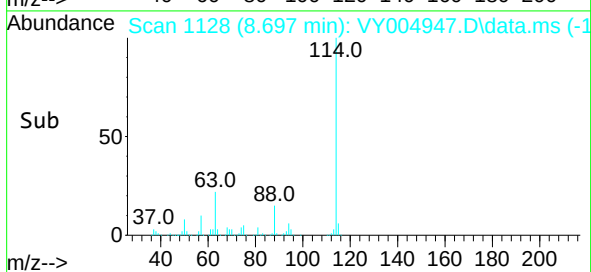
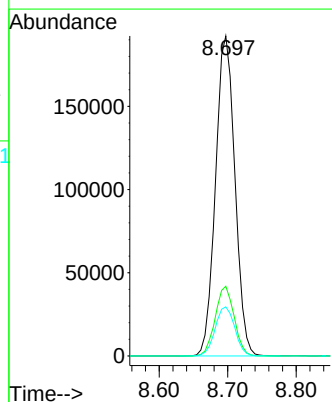
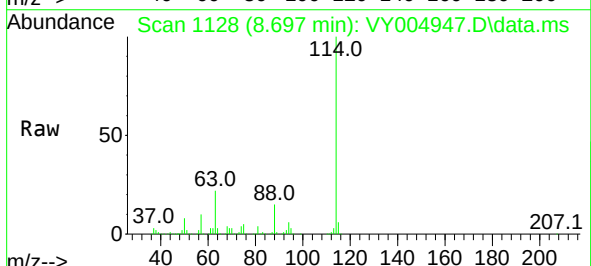
Instrument :
MSVOA_Y
ClientSampled :

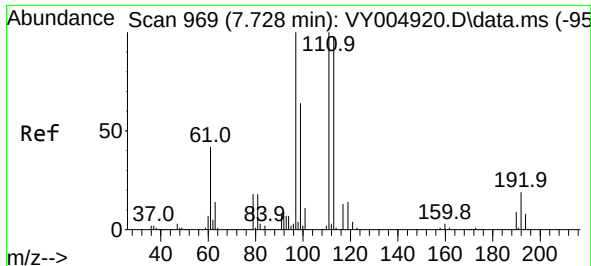
Tgt Ion: 65 Resp: 142047
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

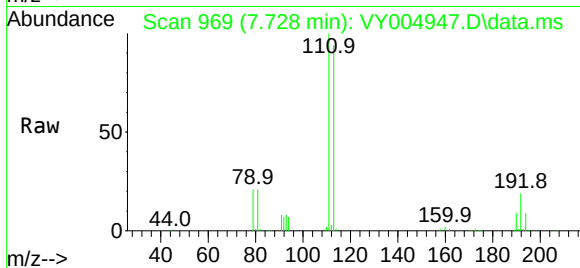
Tgt Ion: 114 Resp: 376746
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.0
88 15.4 0.0 30.6



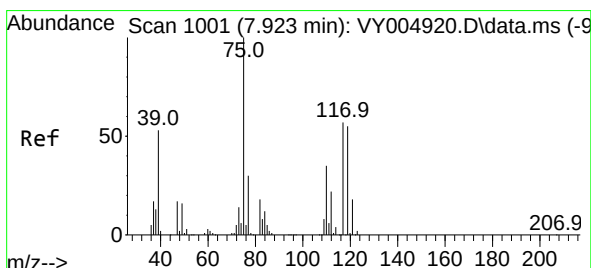
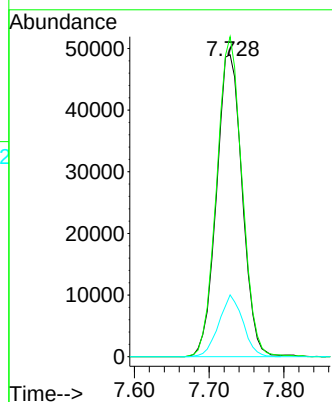
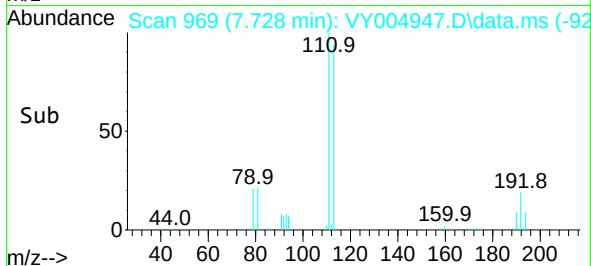


#35
Dibromofluoromethane
Concen: 57.88 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

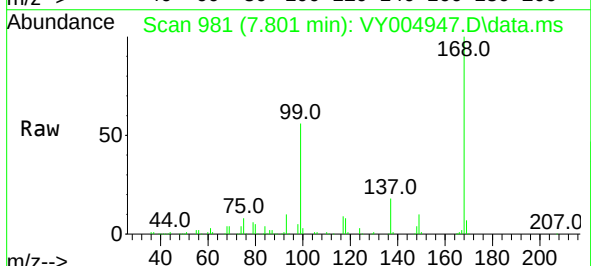
Instrument :
MSVOA_Y
ClientSampleId :



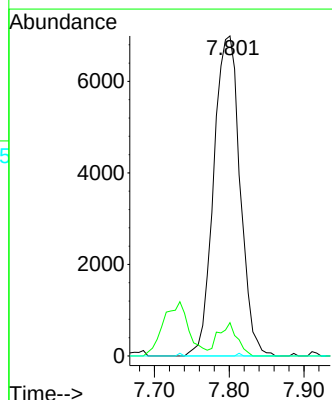
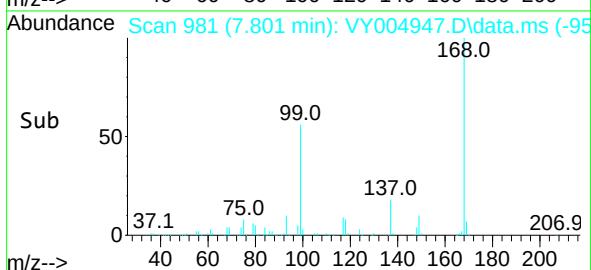
Tgt Ion:113 Resp: 117321
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.8
192 19.1 15.3 22.9

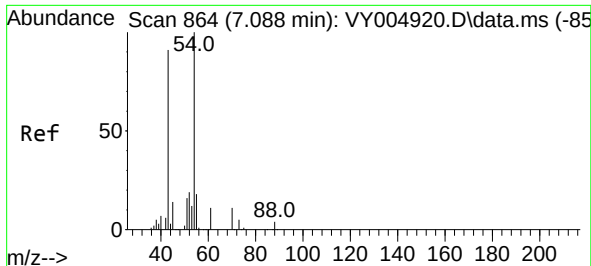


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18



Tgt Ion: 75 Resp: 17165
Ion Ratio Lower Upper
75 100
110 7.5 17.5 52.5#
77 0.1 25.1 37.7#





#37

Ethyl Acetate

Concen: 13.89 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.086 min

Lab File: VY004947.D

Acq: 03 Jun 2021 19:18

Tgt Ion: 43 Resp: 33681

Ion Ratio Lower Upper

43 100

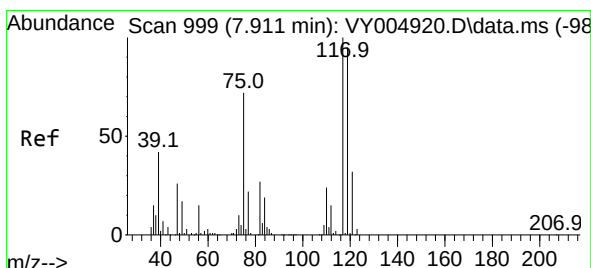
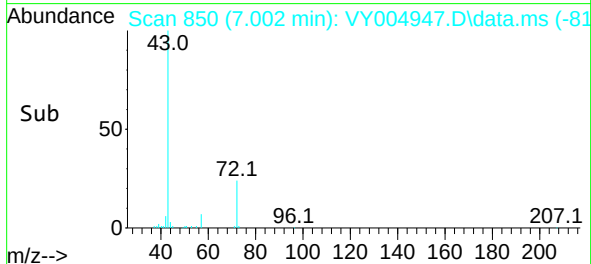
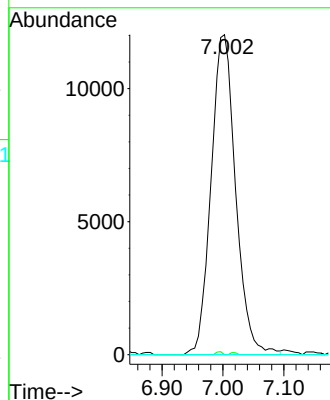
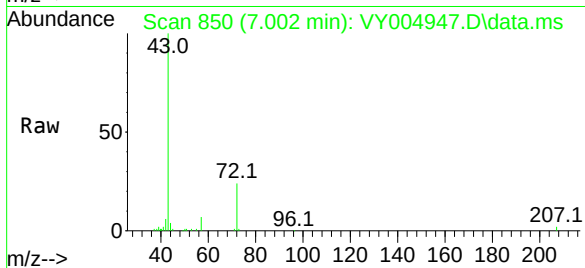
61 0.2 10.5 15.7#

70 0.0 7.9 11.9#

Instrument :

MSVOA_Y

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.26 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY004947.D

Acq: 03 Jun 2021 19:18

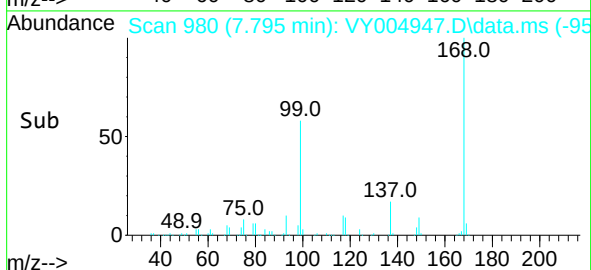
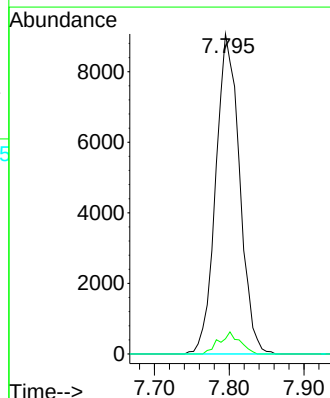
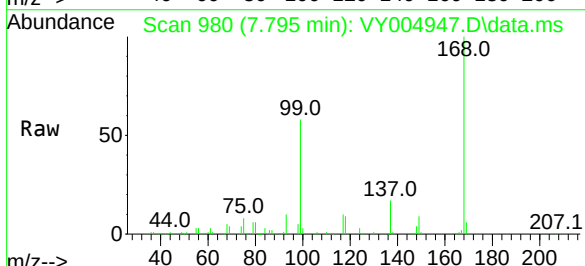
Tgt Ion: 117 Resp: 20100

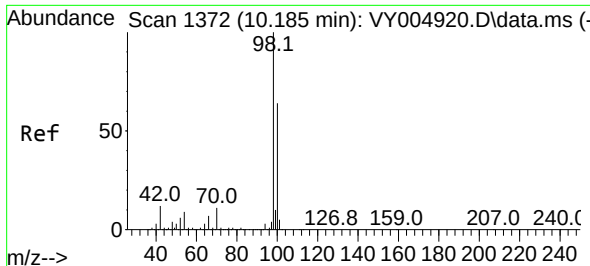
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 25.5 38.3#

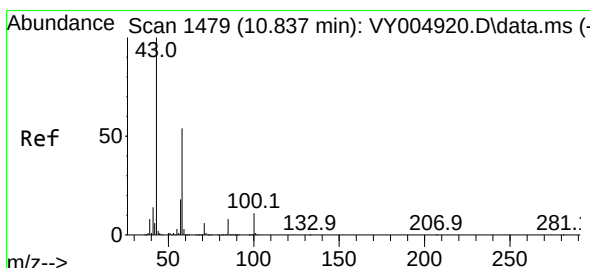
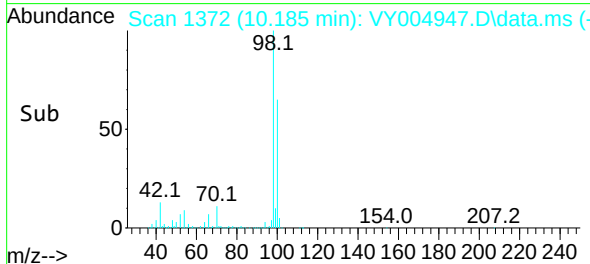
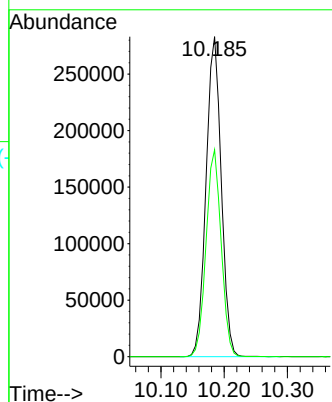
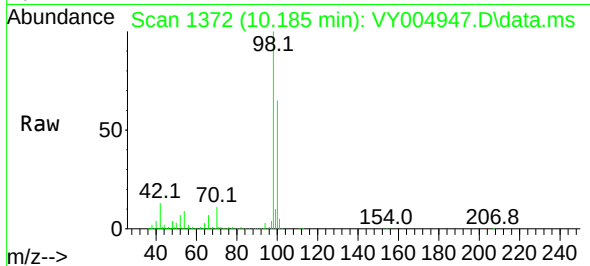




#50
Toluene-d8
Concen: 56.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

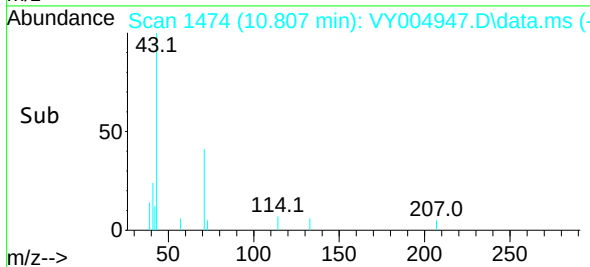
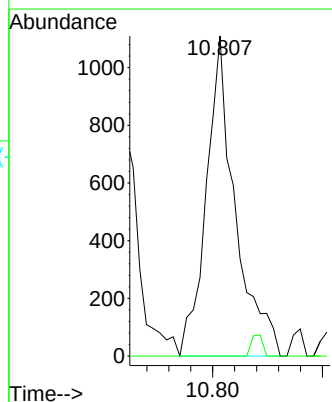
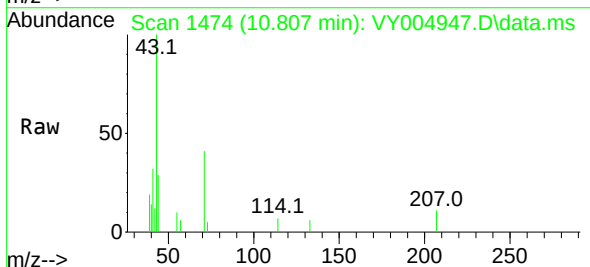
Instrument :
MSVOA_Y
ClientSampled :

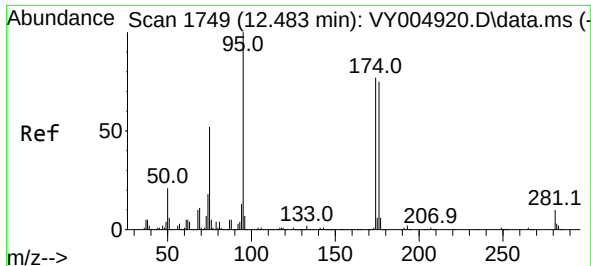
Tgt Ion: 98 Resp: 472470
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#59
2-Hexanone
Concen: 1.32 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#

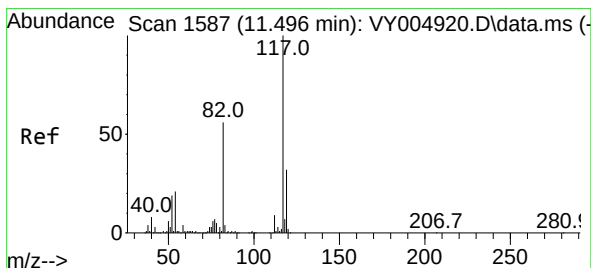
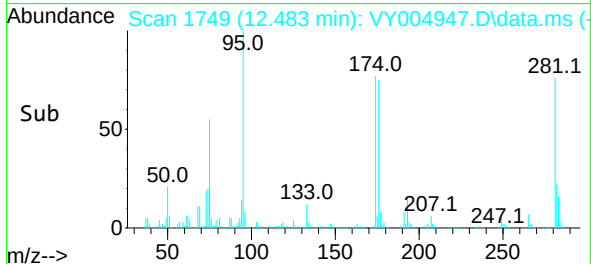
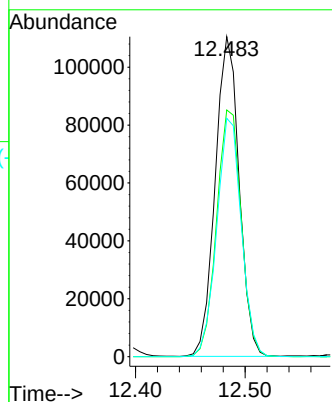
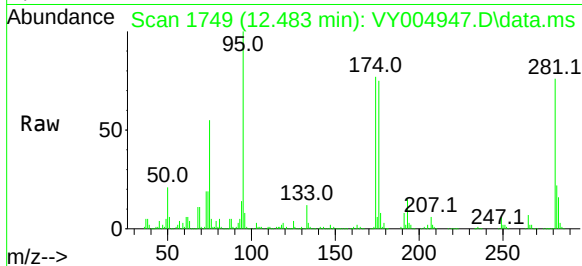




#62
4-Bromofluorobenzene
Concen: 57.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

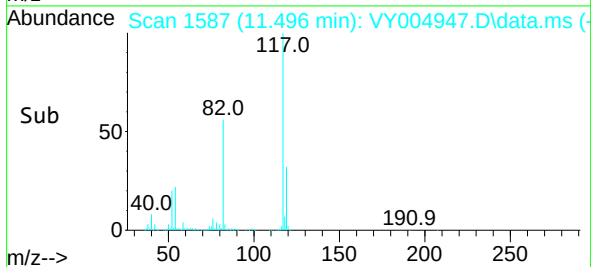
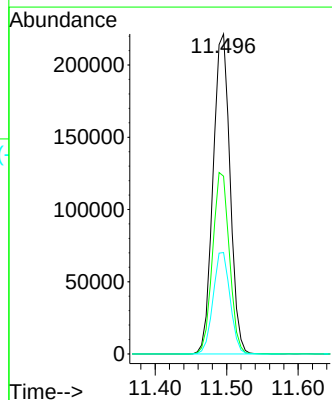
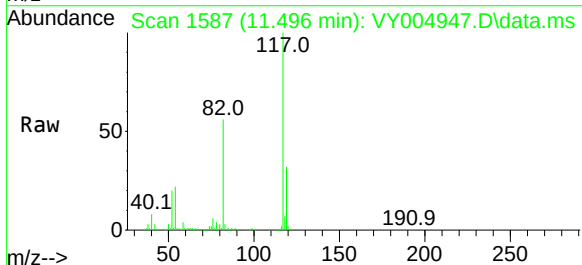
Instrument :
MSVOA_Y
ClientSampleId :

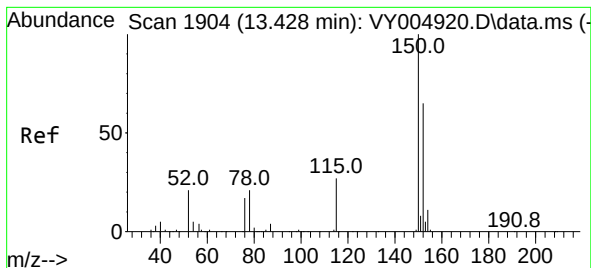
Tgt Ion: 95 Resp: 167354
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.8
176 76.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion: 117 Resp: 364840
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 31.7 25.2 37.8

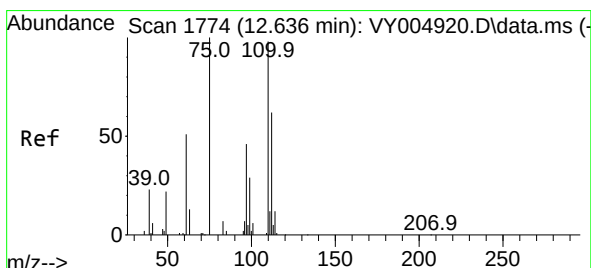
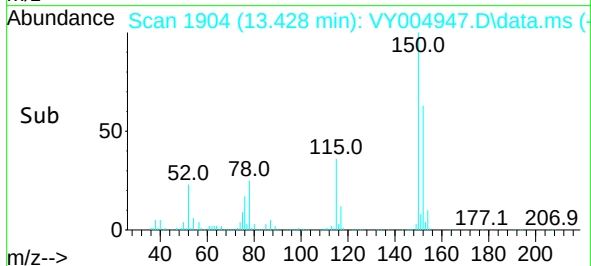
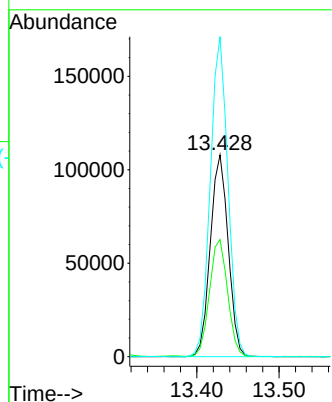
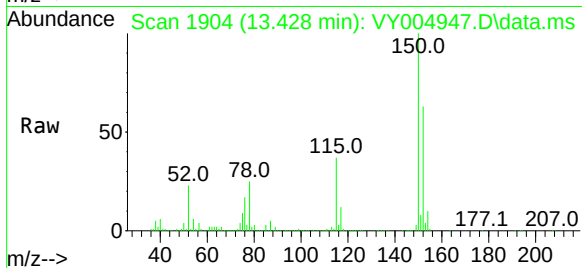




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004947.D
 Acq: 03 Jun 2021 19:18

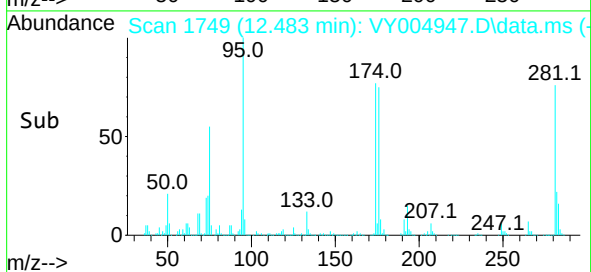
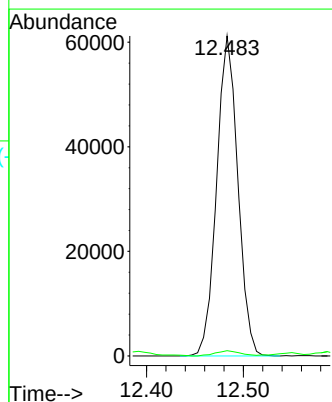
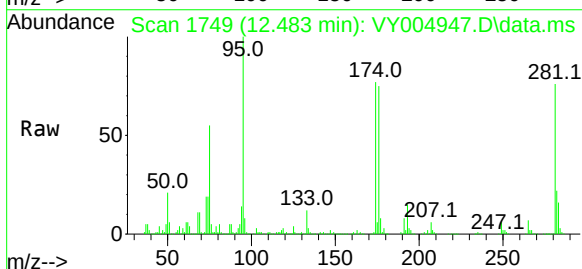
Instrument :
 MSVOA_Y
 ClientSampled :

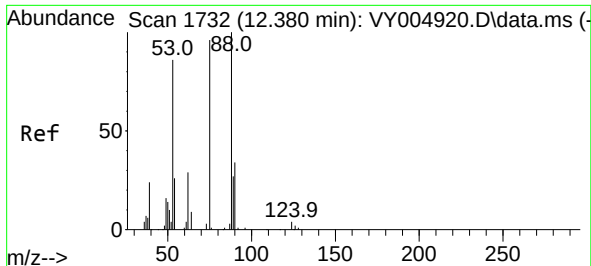
Tgt Ion:152 Resp: 163061
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.9 89.7
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.02 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004947.D
 Acq: 03 Jun 2021 19:18

Tgt Ion: 75 Resp: 92979
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

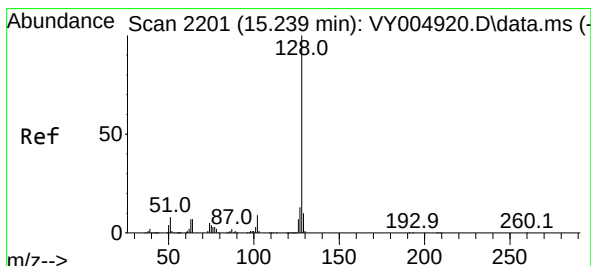
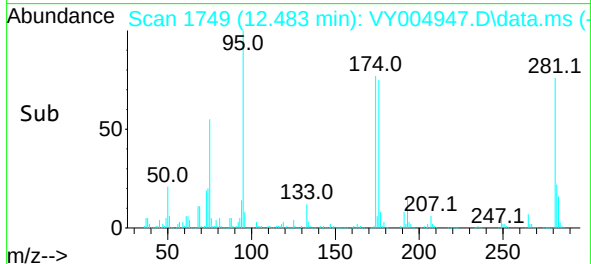
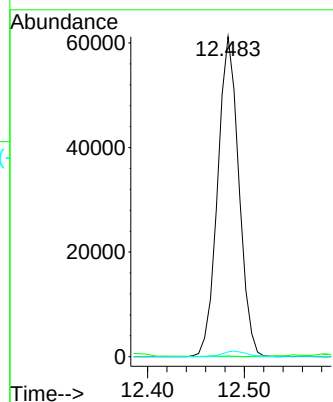
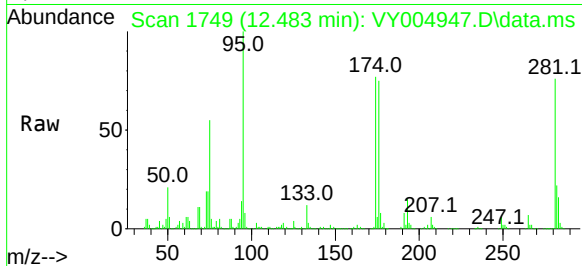




#81
trans-1,4-Dichloro-2-butene
Concen: 95.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 92979
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.9 35.0 52.6#



#95
Naphthalene
Concen: 1.18 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004947.D
Acq: 03 Jun 2021 19:18

Tgt Ion:128 Resp: 7514
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.2
129 12.1 8.7 13.1

