

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005170.D
 Acq On : 17 Jun 2021 20:25
 Operator : SY/MD
 Sample : M2759-01
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

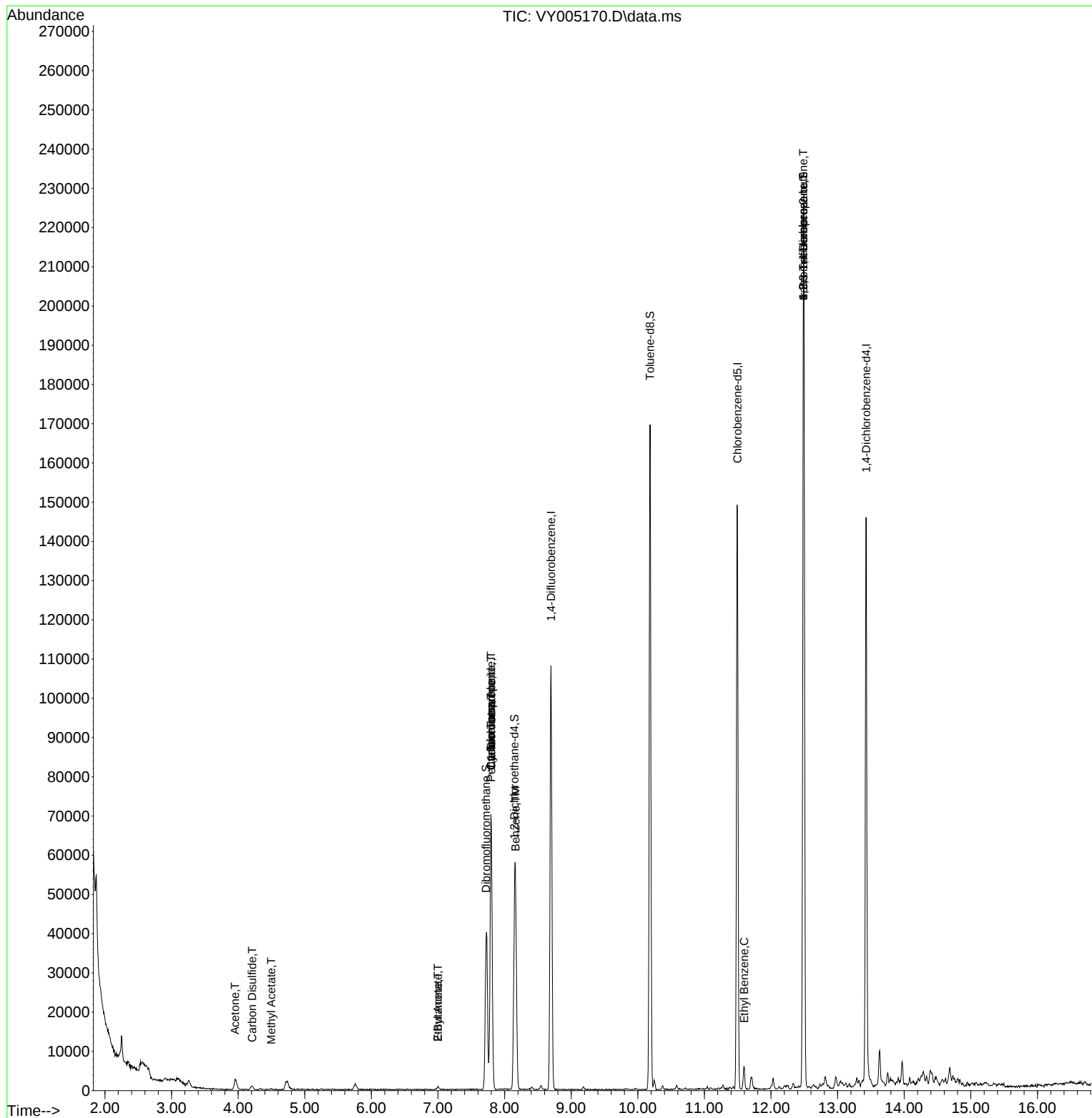
Internal Standards						
1) Pentafluorobenzene	7.801	168	52547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	90866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	83566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30422	59.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.760%			
35) Dibromofluoromethane	7.722	113	29303	75.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 150.980%#			
50) Toluene-d8	10.185	98	110691	57.180	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.360%			
62) 4-Bromofluorobenzene	12.483	95	33126	50.880	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	146	Below Cal	#	74
16) Acetone	3.954	43	4823	46.671	ug/l	100
17) Carbon Disulfide	4.210	76	1760	1.160	ug/l #	75
18) Methyl Acetate	4.497	43	345	1.137	ug/l #	48
20) Methylene Chloride	4.741	84	1704	Below Cal		96
25) 2-Butanone	6.996	43	1102	7.010	ug/l #	89
31) Cyclohexane	7.795	56	1245	1.441	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	3814	4.584	ug/l #	49
37) Ethyl Acetate	6.996	43	1102	2.599	ug/l #	67
38) Carbon Tetrachloride	7.795	117	5291	5.989	ug/l #	15
40) Benzene	8.167	78	32534	13.727	ug/l	96
67) Ethyl Benzene	11.599	91	3974	1.363	ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	18477	56.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18477	104.918	ug/l #	13

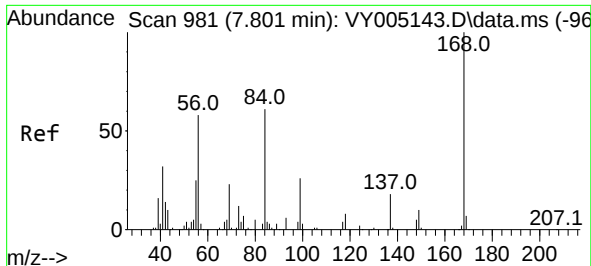
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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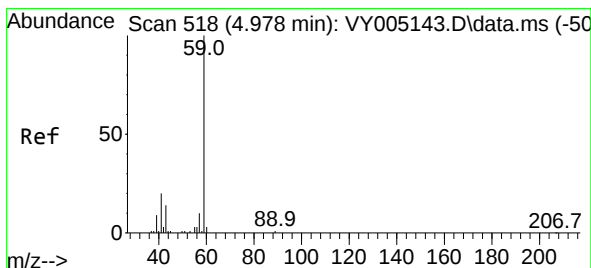
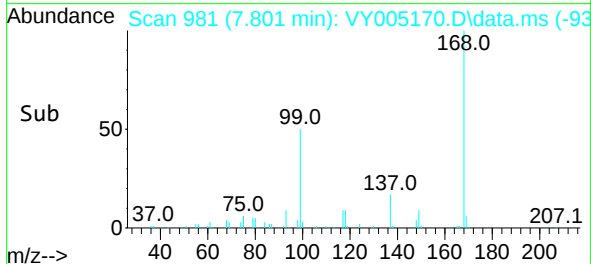
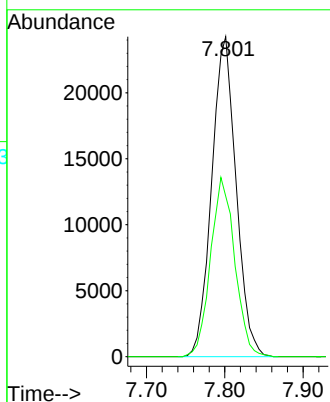
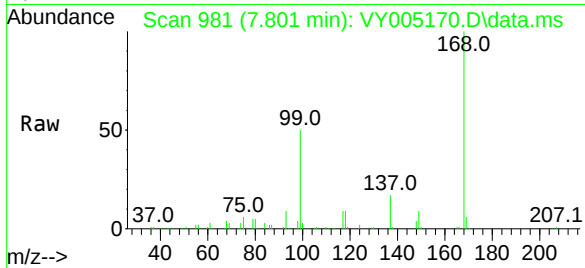




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

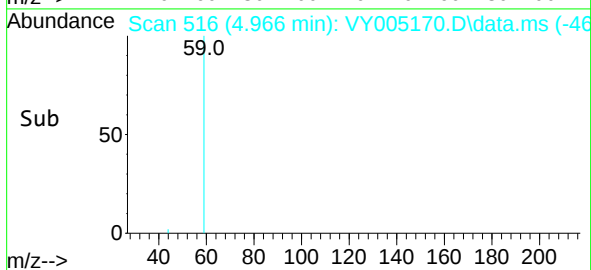
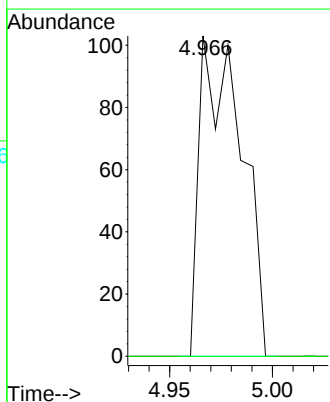
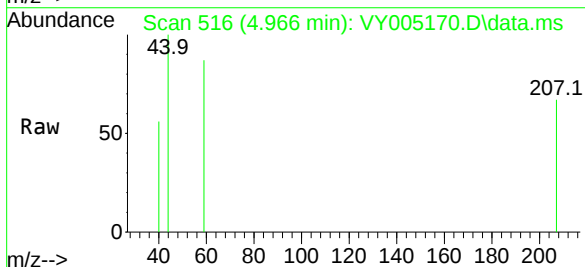
Instrument :
MSVOA_Y
ClientSampleId :

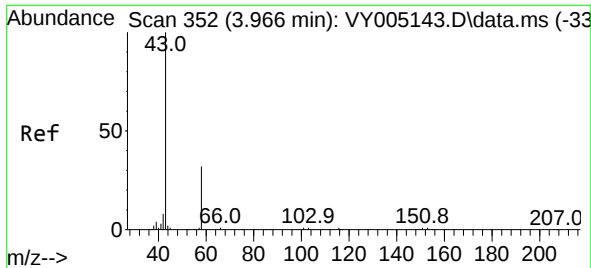
Tgt Ion:168 Resp: 52547
Ion Ratio Lower Upper
168 100
99 50.2 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

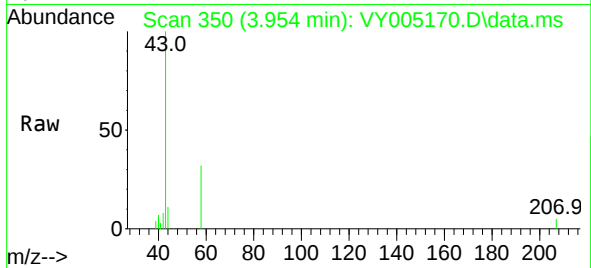
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



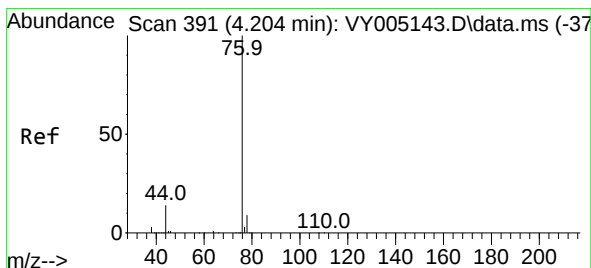
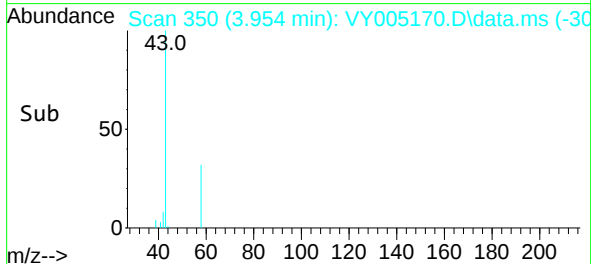
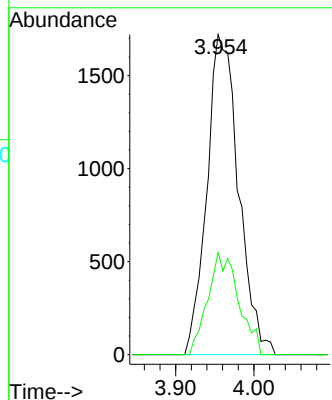


#16
Acetone
Concen: 46.671 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Instrument :
MSVOA_Y
ClientSampled :

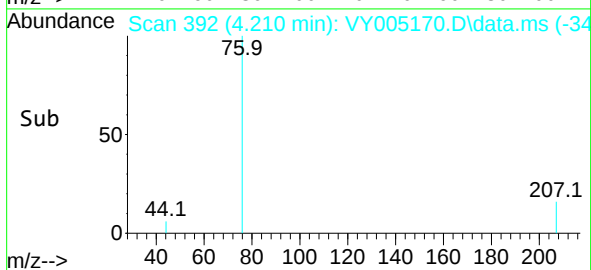
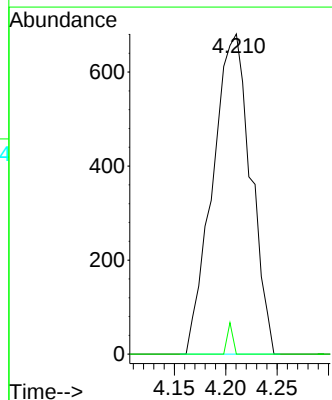
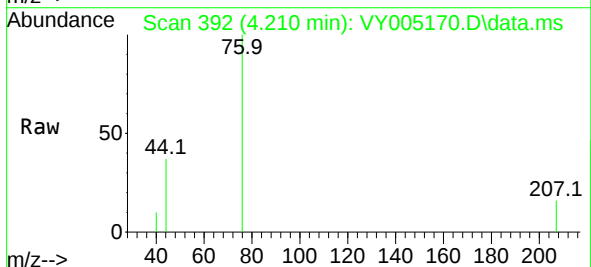


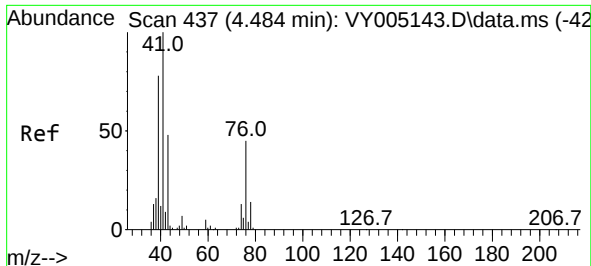
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
58 31.9 25.6 38.4



#17
Carbon Disulfide
Concen: 1.160 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

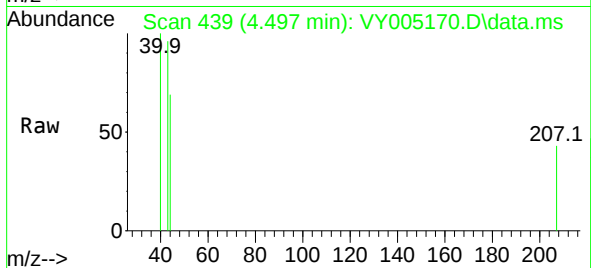
Tgt Ion: 76 Resp: 1760
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



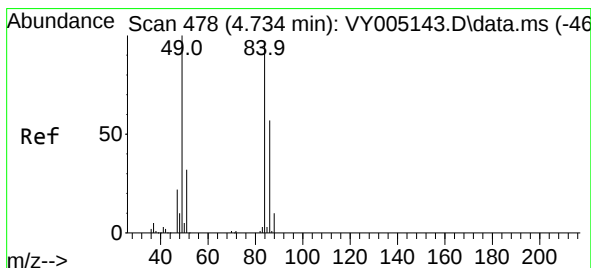
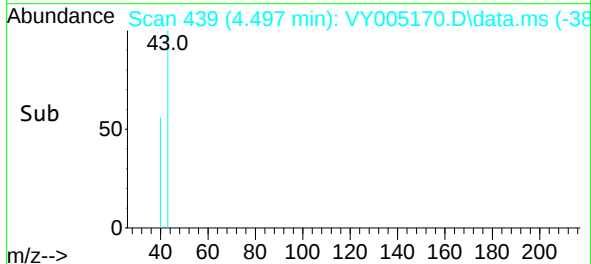
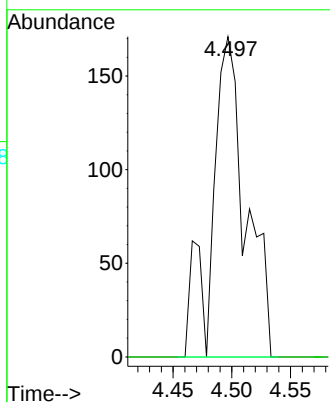


#18
Methyl Acetate
Concen: 1.137 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Instrument :
MSVOA_Y
ClientSampled :

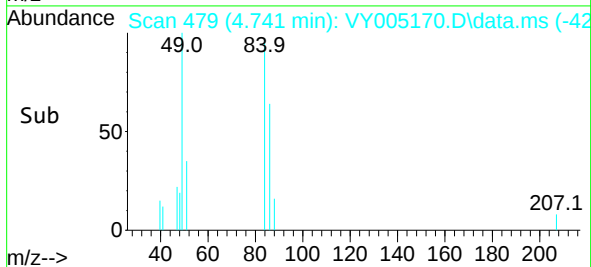
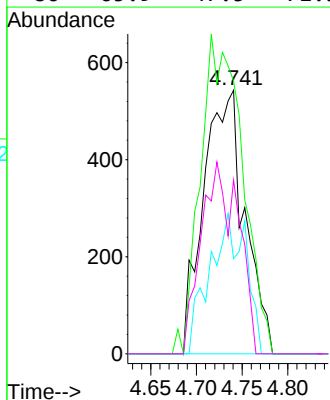
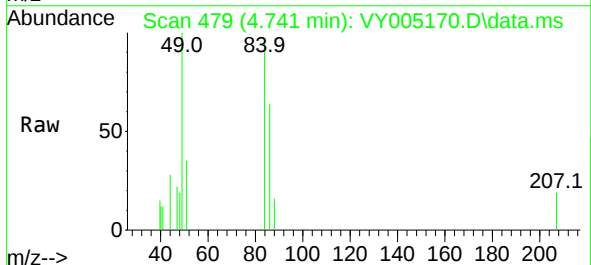


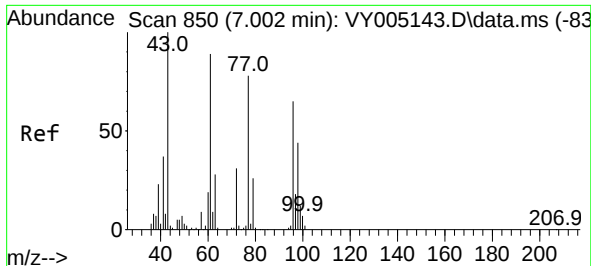
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

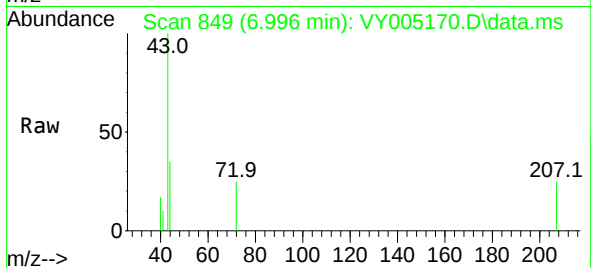
Tgt Ion: 84 Resp: 1704
Ion Ratio Lower Upper
84 100
49 103.5 83.4 125.2
51 36.1 26.8 40.2
86 65.9 47.5 71.3



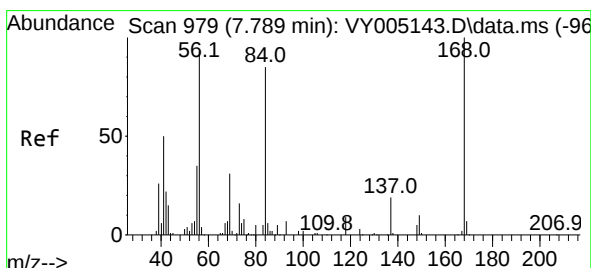
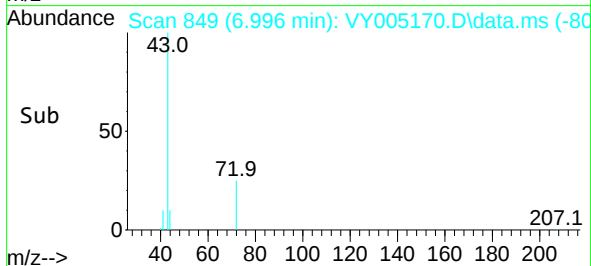
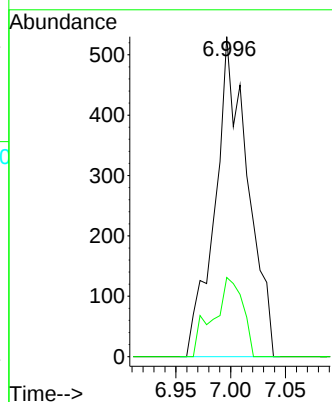


#25
2-Butanone
Concen: 7.010 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Instrument :
MSVOA_Y
ClientSampleId :

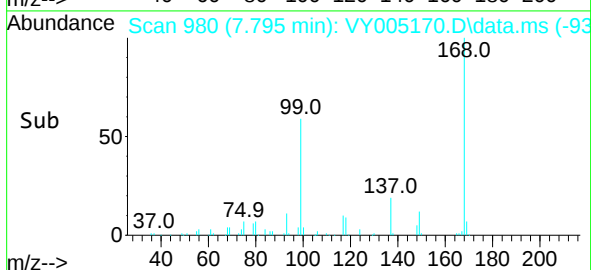
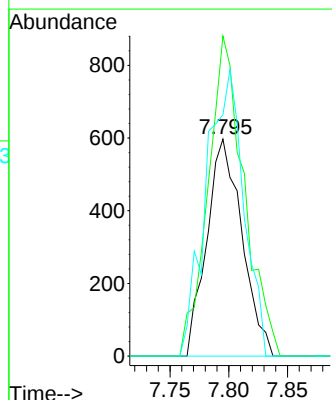
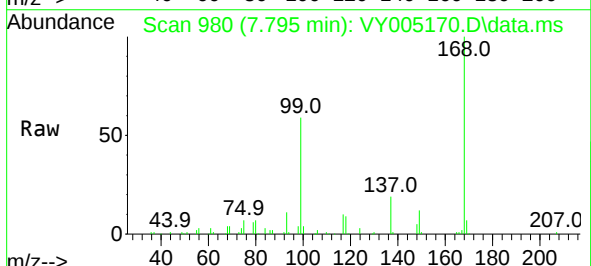


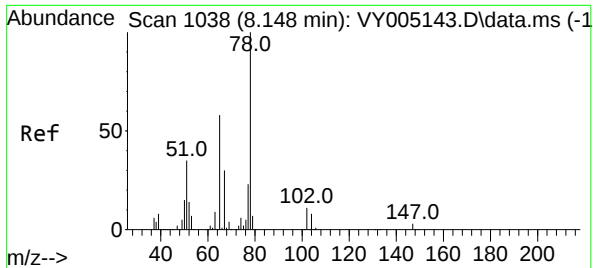
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
72 24.7 24.8 37.2#



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Tgt Ion: 56 Resp: 1245
Ion Ratio Lower Upper
56 100
69 147.6 26.3 39.5#
84 111.2 73.2 109.8#

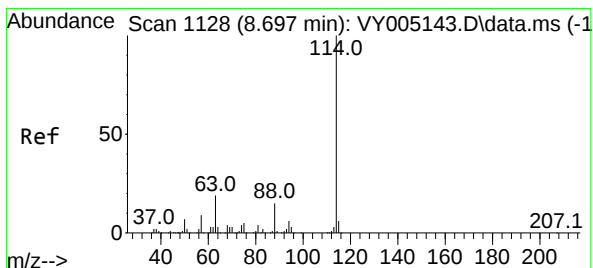
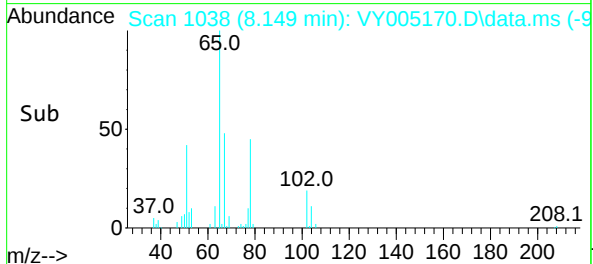
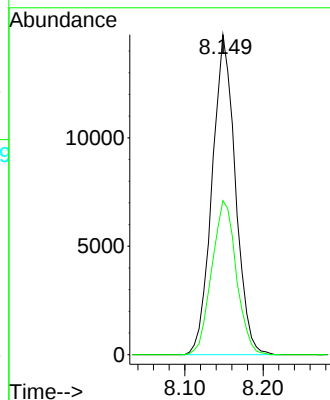
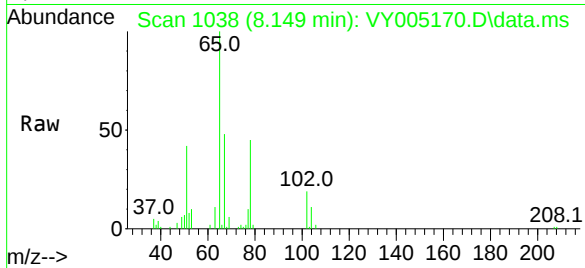




#33
 1,2-Dichloroethane-d4
 Concen: 59.877 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.001 min
 Lab File: VY005170.D
 Acq: 17 Jun 2021 20:25

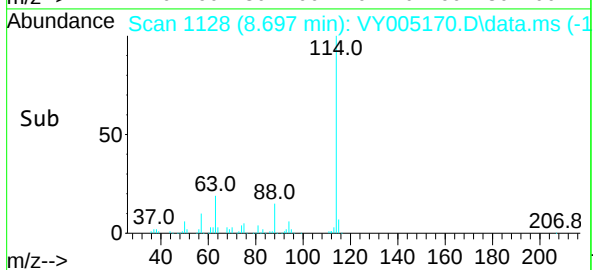
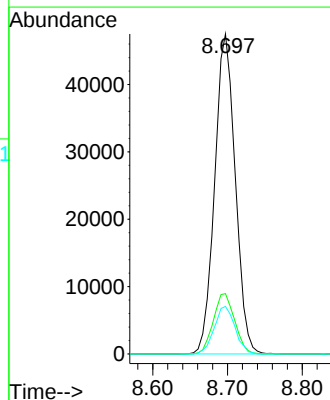
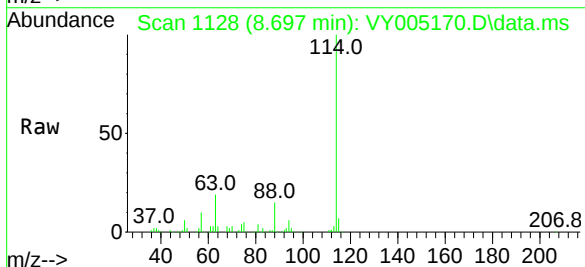
Instrument :
 MSVOA_Y
 ClientSampled :

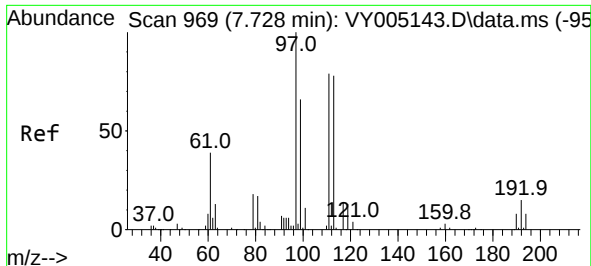
Tgt Ion: 65 Resp: 30422
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005170.D
 Acq: 17 Jun 2021 20:25

Tgt Ion: 114 Resp: 90866
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 14.9 0.0 29.6

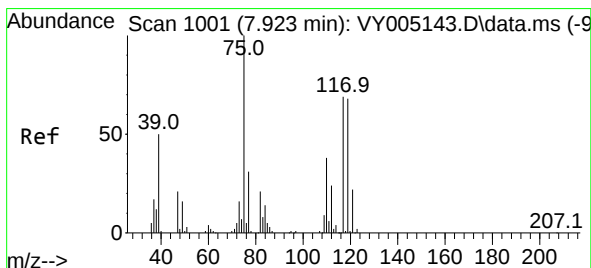
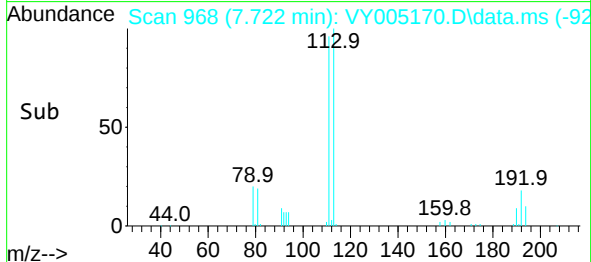
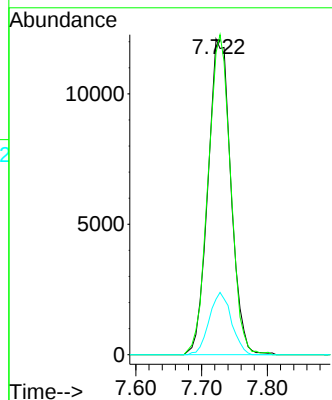
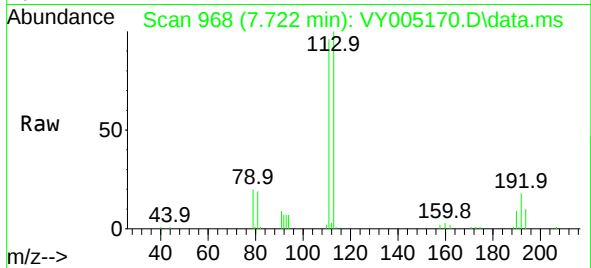




#35
Dibromofluoromethane
Concen: 75.489 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

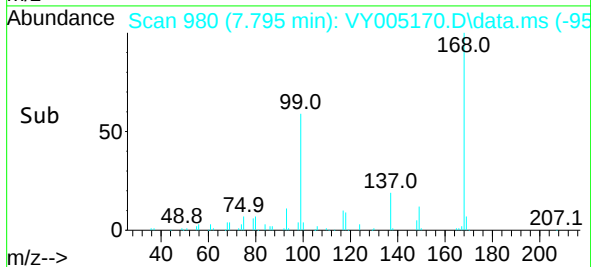
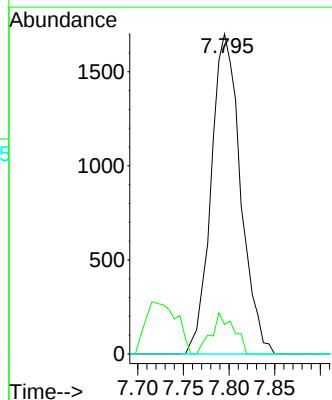
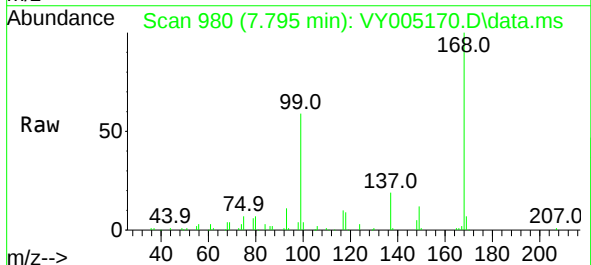
Instrument :
MSVOA_Y
ClientSampleId :

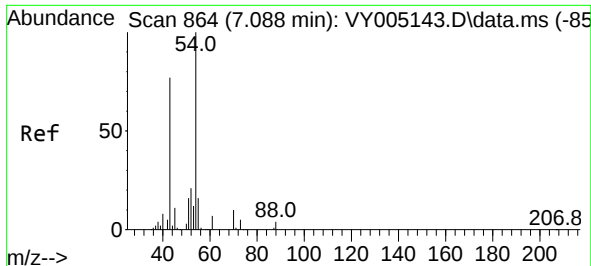
Tgt Ion:113 Resp: 29303
Ion Ratio Lower Upper
113 100
111 99.3 82.3 123.5
192 19.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Tgt Ion: 75 Resp: 3814
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.3#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 2.599 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.091 min

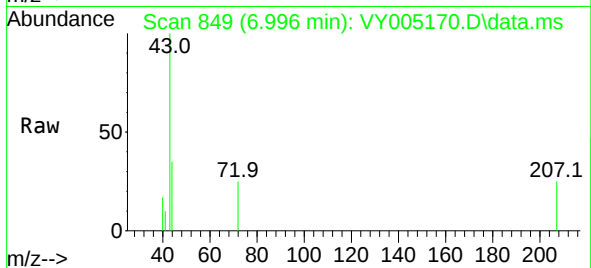
Lab File: VY005170.D

Acq: 17 Jun 2021 20:25

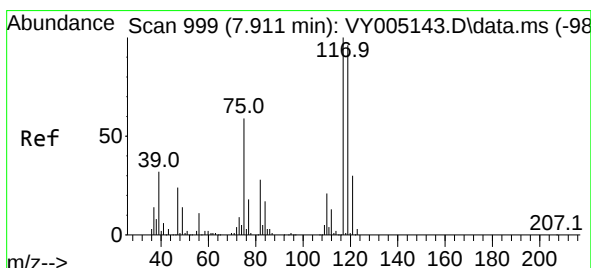
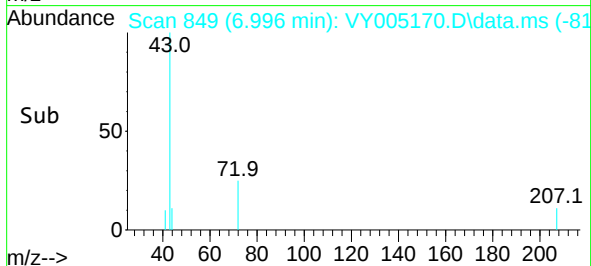
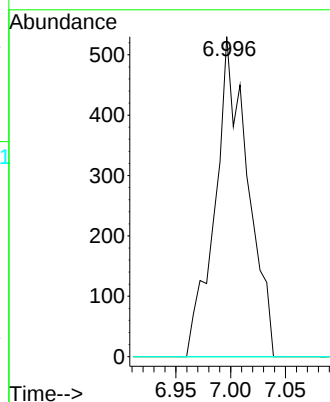
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 1102
Ion Ratio	Lower Upper
43 100	
61 0.0	11.8 17.8#
70 0.0	8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.989 ug/l

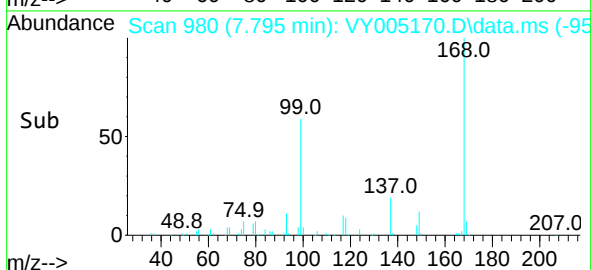
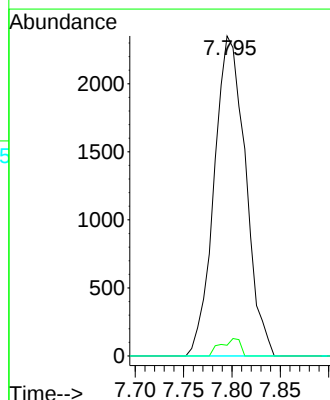
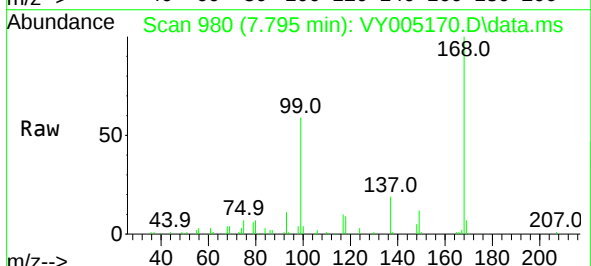
RT: 7.795 min Scan# 980

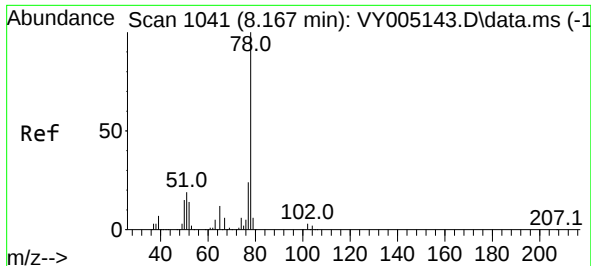
Delta R.T. -0.116 min

Lab File: VY005170.D

Acq: 17 Jun 2021 20:25

Tgt Ion: 117	Resp: 5291
Ion Ratio	Lower Upper
117 100	
119 3.4	76.9 115.3#
121 0.0	24.2 36.4#

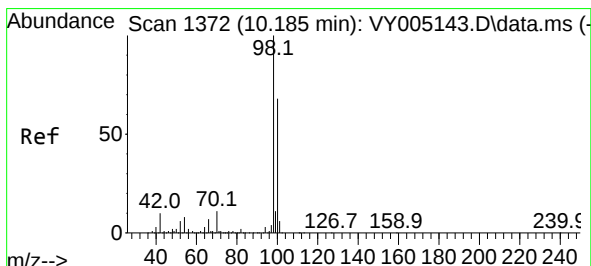
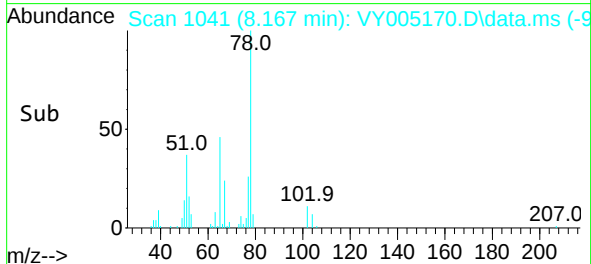
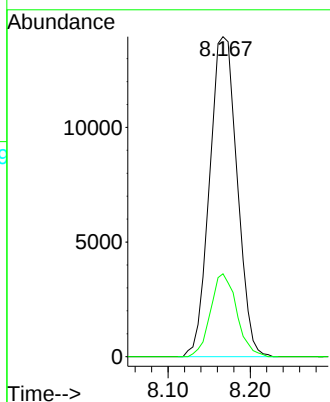
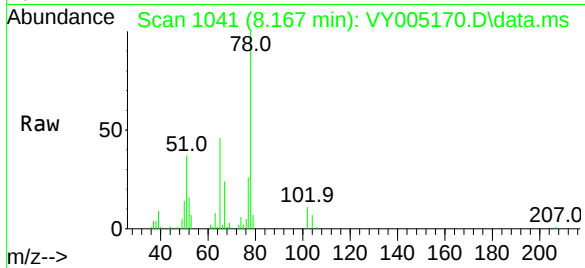




#40
Benzene
Concen: 13.727 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

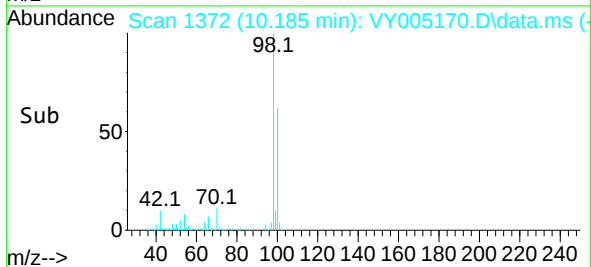
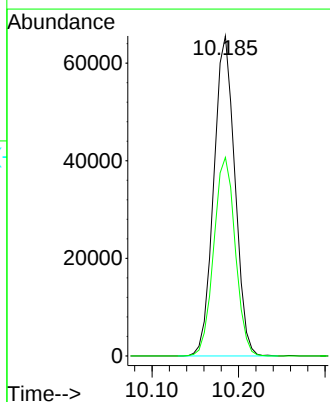
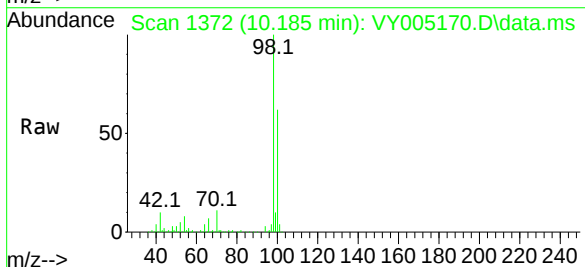
Instrument :
MSVOA_Y
ClientSampled :

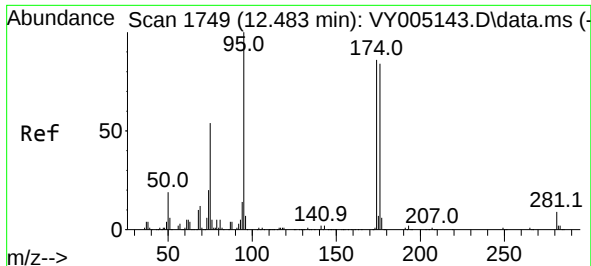
Tgt Ion: 78 Resp: 32534
Ion Ratio Lower Upper
78 100
77 25.9 19.0 28.6



#50
Toluene-d8
Concen: 57.180 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Tgt Ion: 98 Resp: 110691
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6

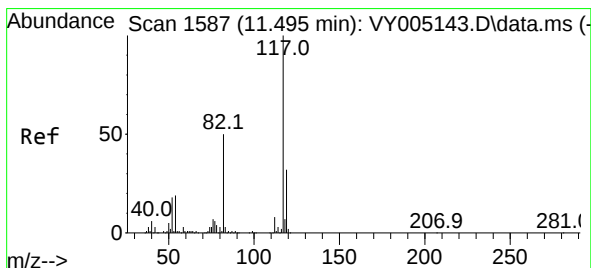
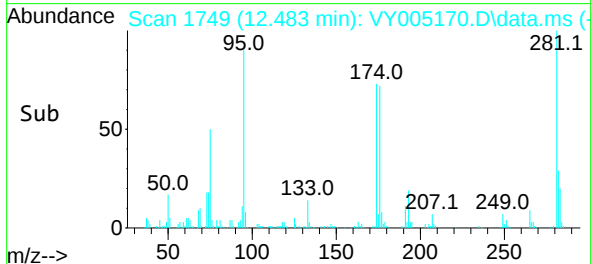
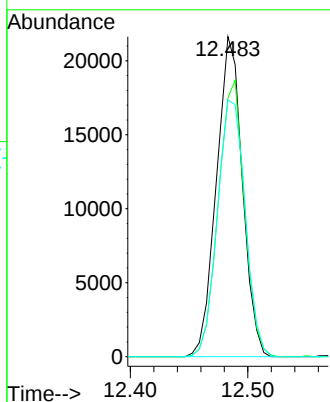
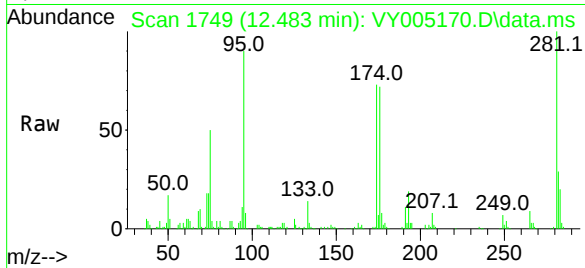




#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

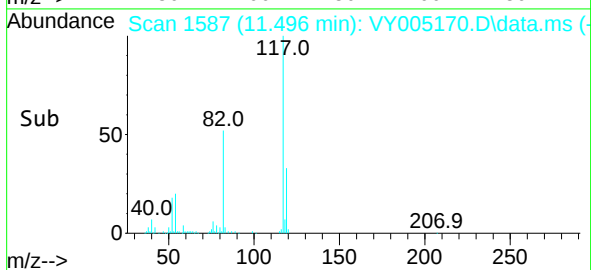
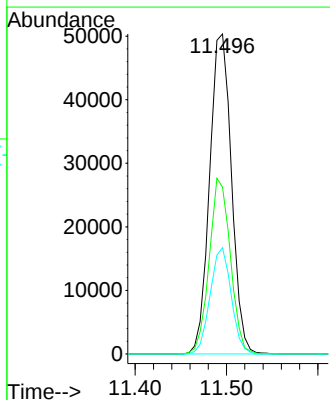
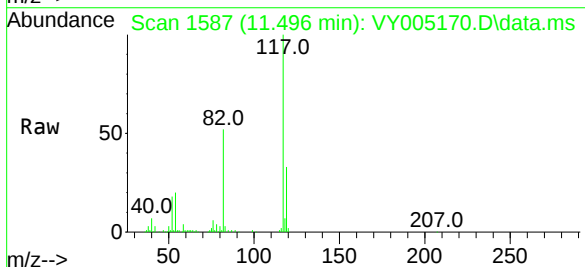
Instrument :
MSVOA_Y
ClientSampled :

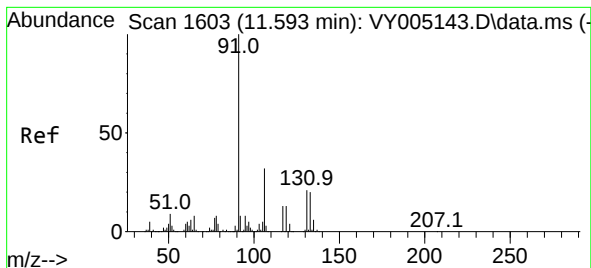
Tgt Ion: 95 Resp: 33126
Ion Ratio Lower Upper
95 100
174 87.1 0.0 179.2
176 86.1 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Tgt Ion: 117 Resp: 83566
Ion Ratio Lower Upper
117 100
82 52.1 39.8 59.6
119 33.2 25.9 38.9





#67

Ethyl Benzene

Concen: 1.363 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY005170.D

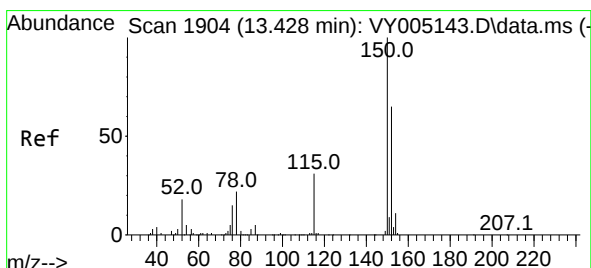
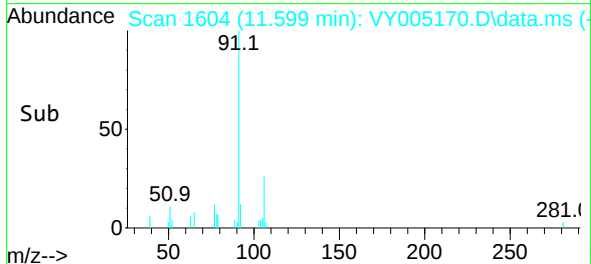
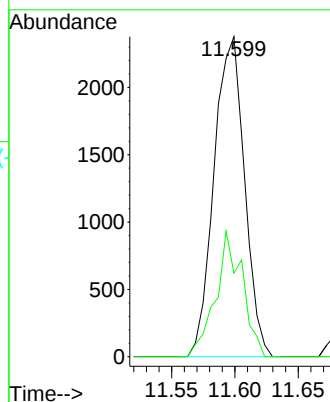
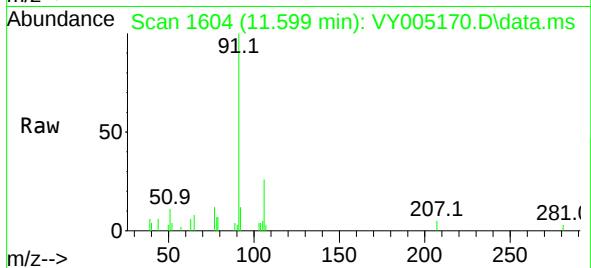
Acq: 17 Jun 2021 20:25

Tgt Ion: 91 Resp: 3974

Ion Ratio Lower Upper

91 100

106 26.1 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY005170.D

Acq: 17 Jun 2021 20:25

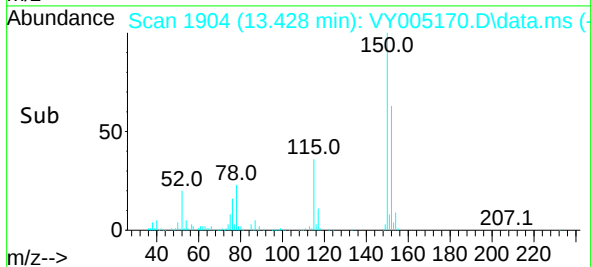
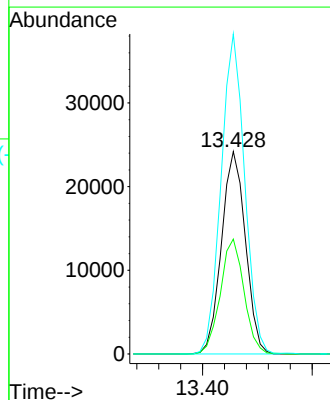
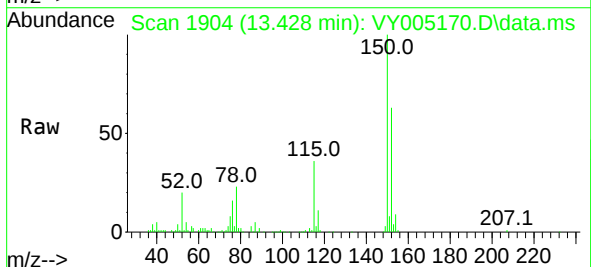
Tgt Ion: 152 Resp: 36704

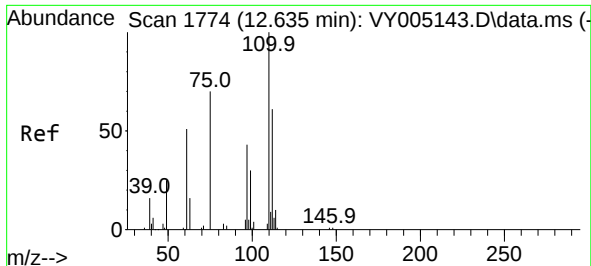
Ion Ratio Lower Upper

152 100

115 56.2 29.5 88.6

150 155.6 0.0 348.2

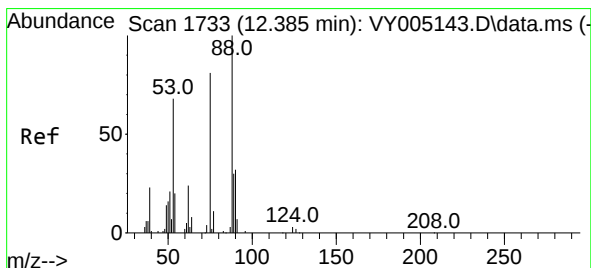
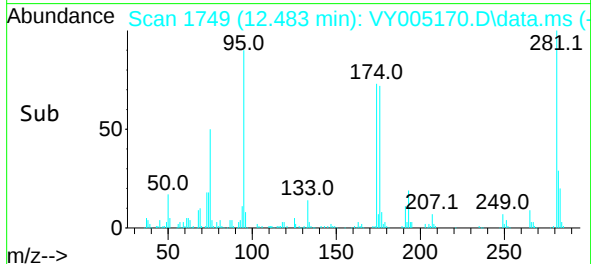
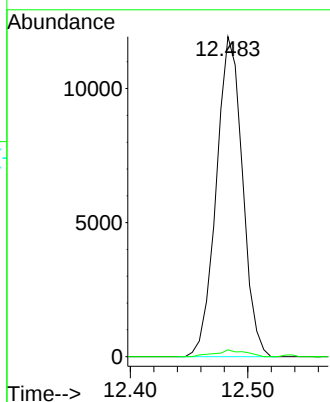
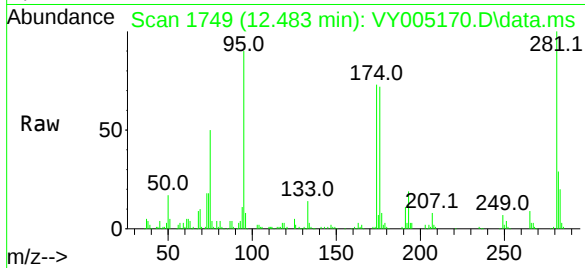




#76
1,2,3-Trichloropropane
Concen: 56.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 18477
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005170.D
Acq: 17 Jun 2021 20:25

Tgt Ion: 75 Resp: 18477
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 2.7 44.1 66.1#

