

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005259.D
 Acq On : 28 Jun 2021 19:06
 Operator : SY/MD
 Sample : M2889-01
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1(11.5-12)

Quant Time: Jun 29 01:19:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

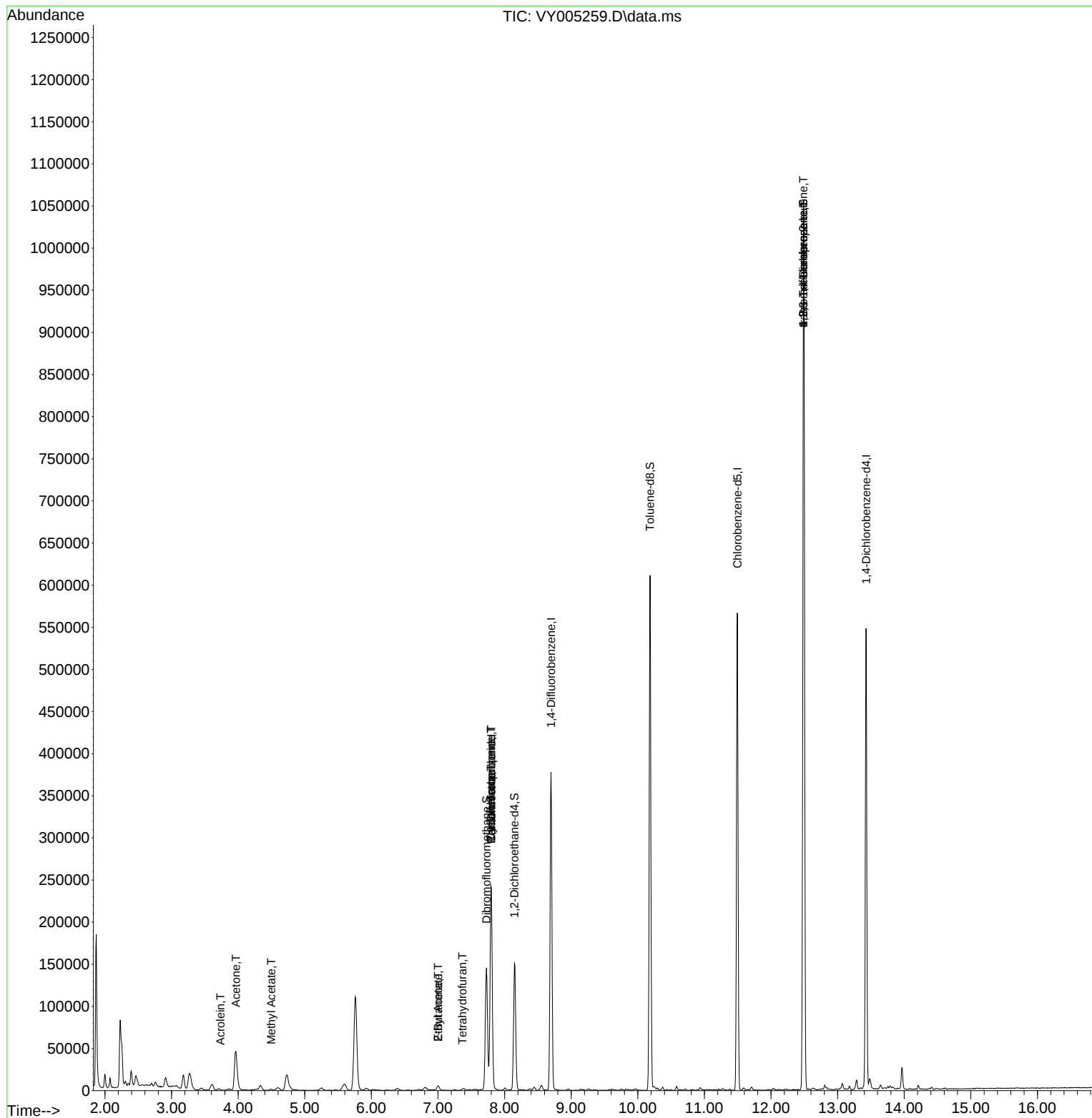
Internal Standards						
1) Pentafluorobenzene	7.801	168	212706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	322054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116251	65.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.720%	
35) Dibromofluoromethane	7.728	113	102032	51.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.960%	
50) Toluene-d8	10.185	98	404905	51.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.483	95	135778	51.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	319	Below Cal	#	77
13) Acrolein	3.735	56	218	2.513	ug/l #	11
16) Acetone	3.966	43	83568	204.937	ug/l	97
18) Methyl Acetate	4.497	43	2740	2.528	ug/l	95
20) Methylene Chloride	4.735	84	14696	Below Cal		98
25) 2-Butanone	7.002	43	8812	14.820	ug/l	98
29) Tetrahydrofuran	7.368	42	405	1.035	ug/l #	41
31) Cyclohexane	7.795	56	4442	1.410	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	12953	4.420	ug/l #	48
37) Ethyl Acetate	7.002	43	8756	5.794	ug/l #	65
38) Carbon Tetrachloride	7.801	117	17690	5.766	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	69973	52.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69973	98.637	ug/l #	19

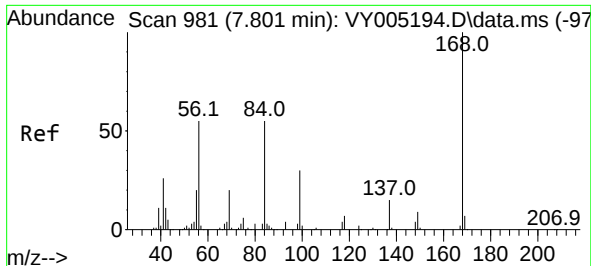
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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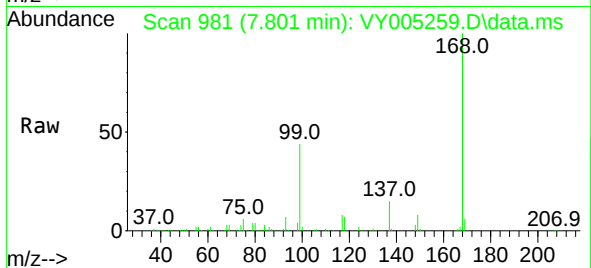
Quant Time: Jun 29 01:19:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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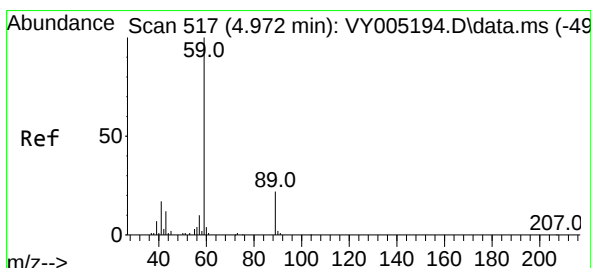
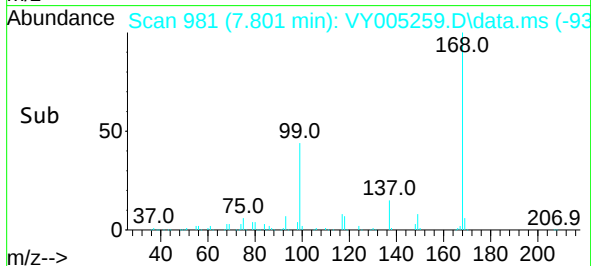
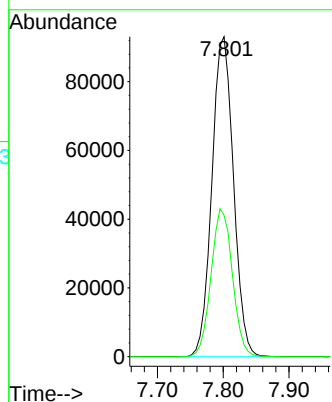


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

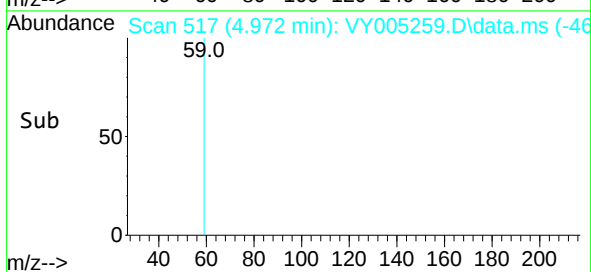
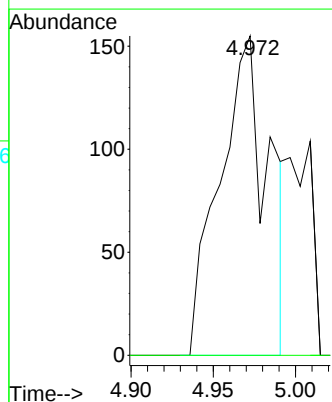
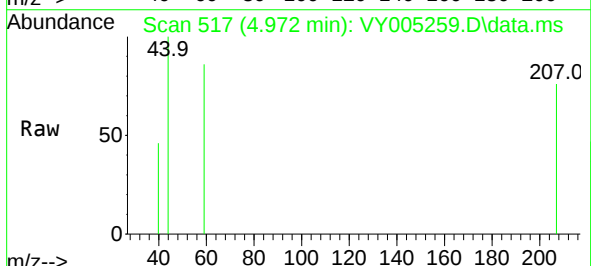


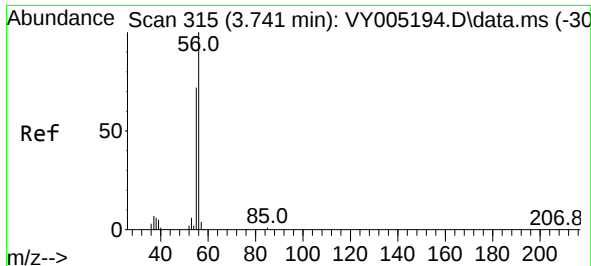
Tgt Ion:168 Resp: 212706
Ion Ratio Lower Upper
168 100
99 44.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

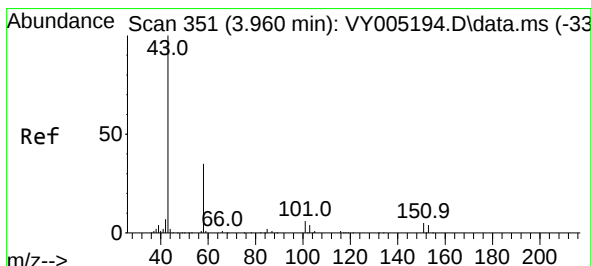
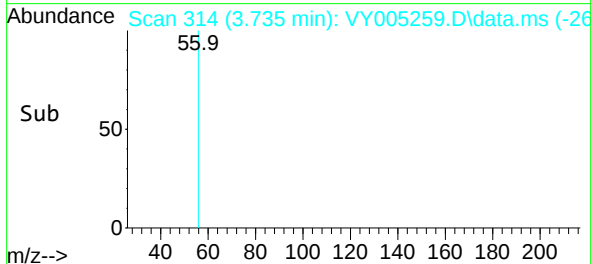
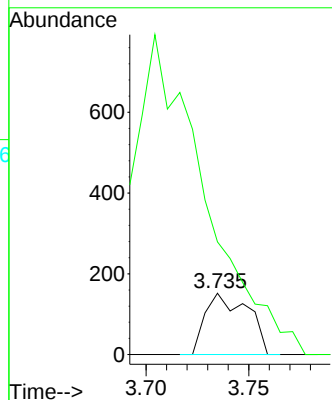
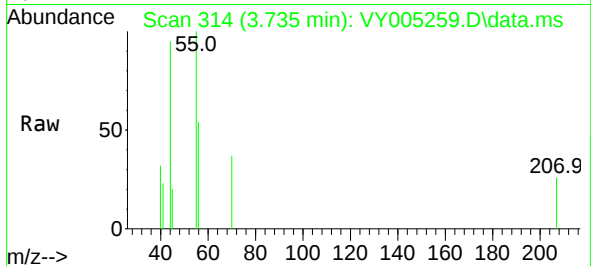




#13
Acrolein
Concen: 2.513 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

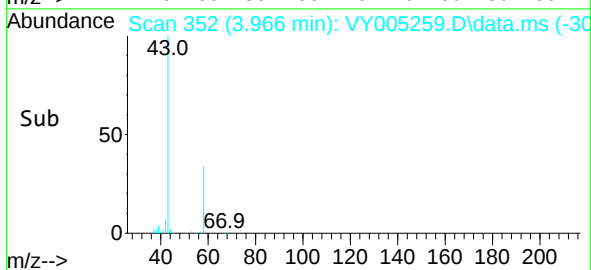
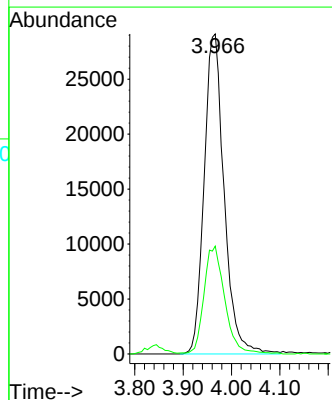
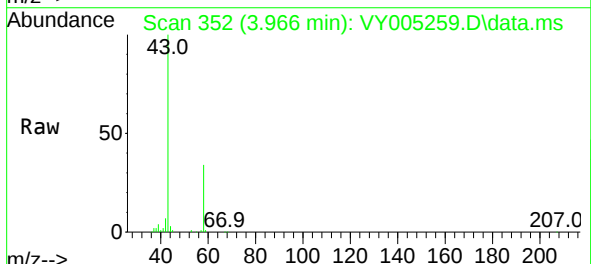
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

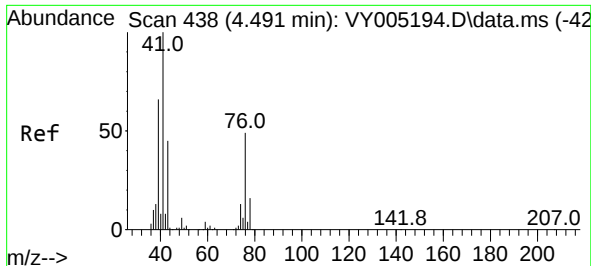
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 0.0 61.0 91.6#



#16
Acetone
Concen: 204.937 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion: 43 Resp: 83568
Ion Ratio Lower Upper
43 100
58 33.5 28.2 42.2

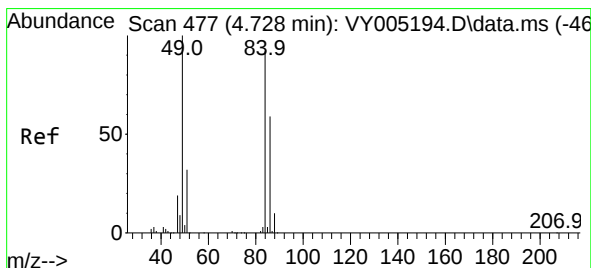
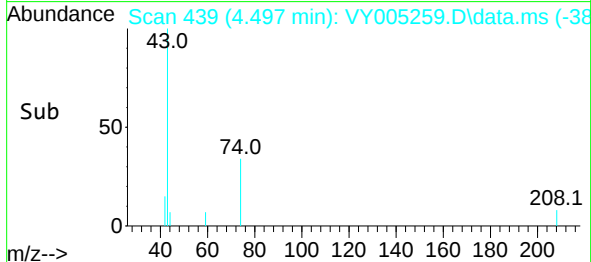
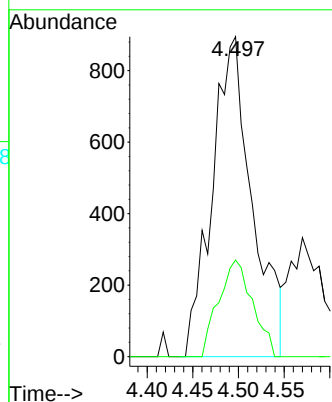
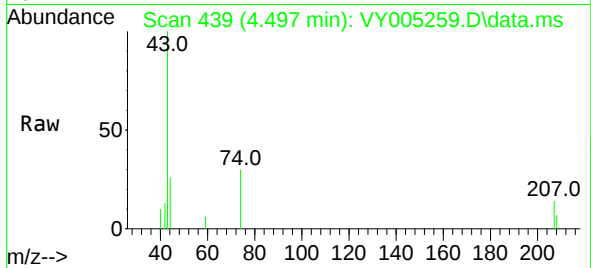




#18
Methyl Acetate
Concen: 2.528 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

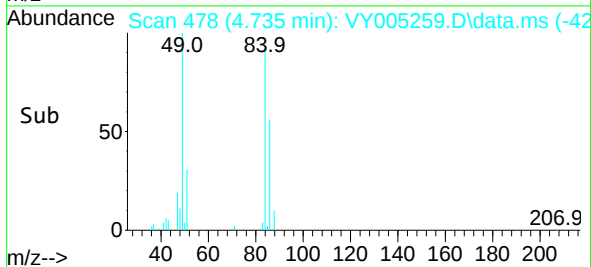
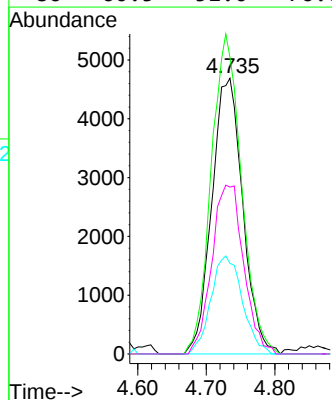
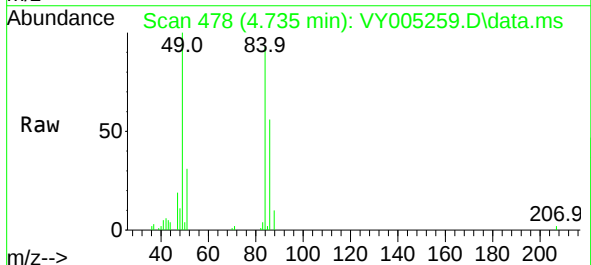
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

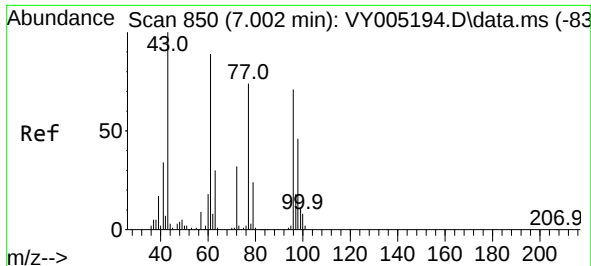
Tgt Ion: 43 Resp: 2740
Ion Ratio Lower Upper
43 100
74 25.4 22.5 33.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion: 84 Resp: 14696
Ion Ratio Lower Upper
84 100
49 107.6 86.9 130.3
51 32.9 27.4 41.2
86 60.5 51.0 76.6

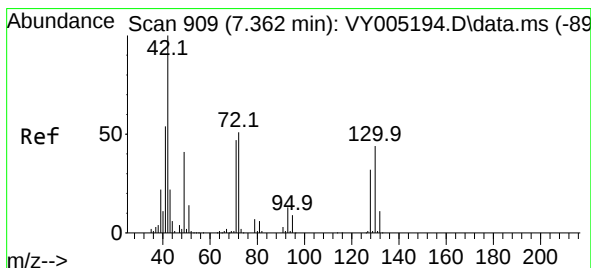
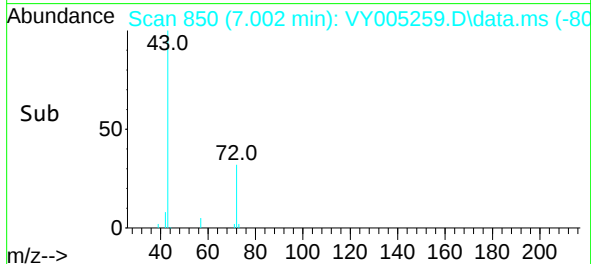
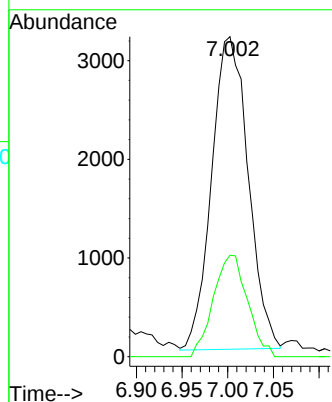
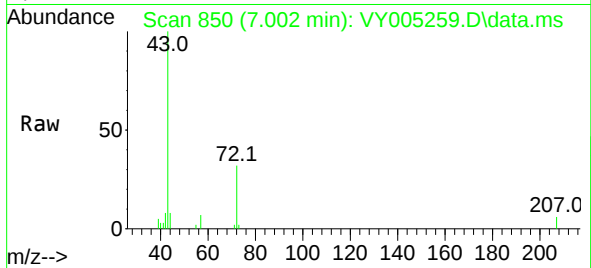




#25
2-Butanone
Concen: 14.820 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

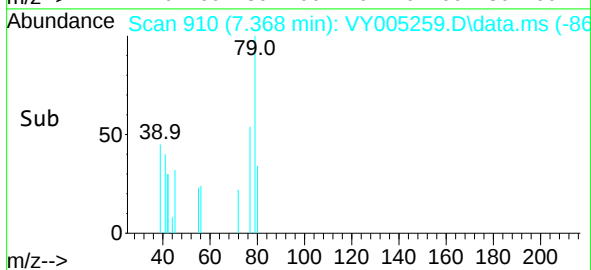
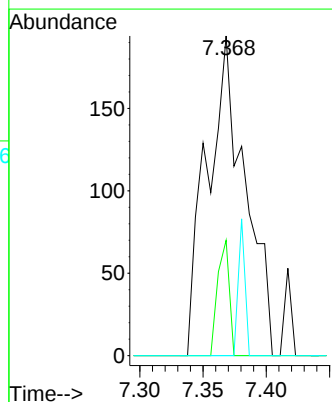
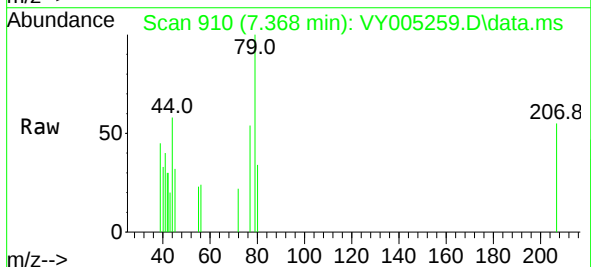
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

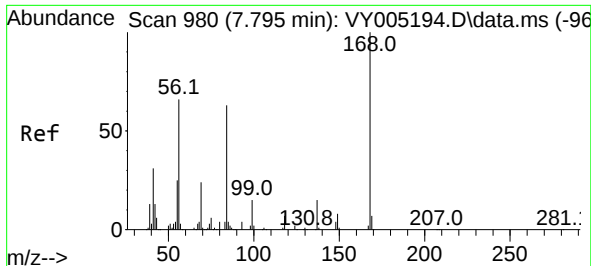
Tgt Ion: 43 Resp: 8812
Ion Ratio Lower Upper
43 100
72 32.5 25.3 37.9



#29
Tetrahydrofuran
Concen: 1.035 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

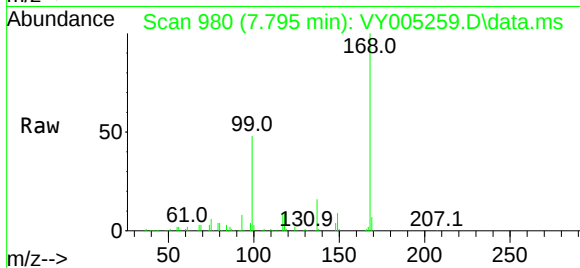
Tgt Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 10.9 40.9 61.3#
71 7.4 37.9 56.9#



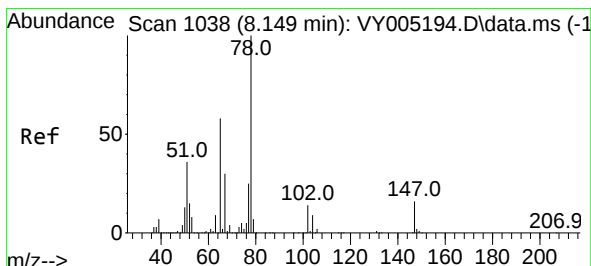
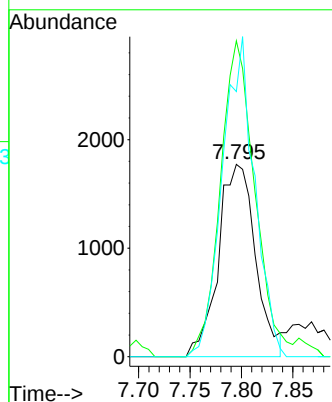
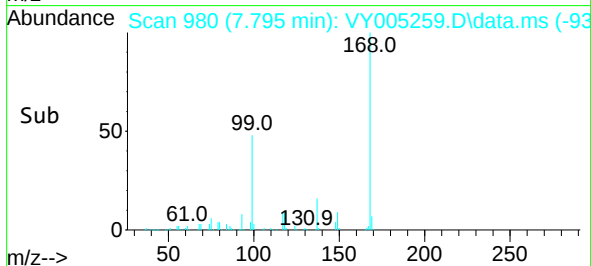


#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

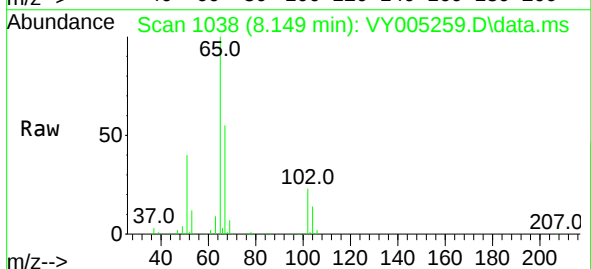
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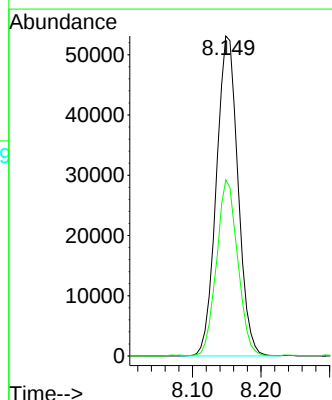
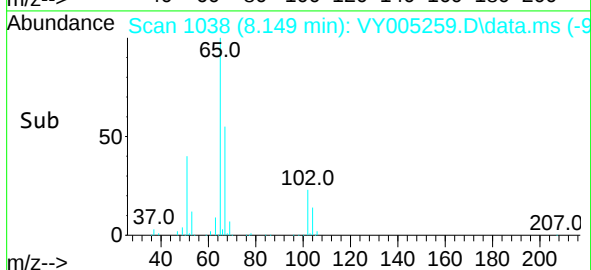
Tgt Ion: 56 Resp: 4442
Ion Ratio Lower Upper
56 100
69 164.2 29.6 44.4#
84 137.8 76.4 114.6#

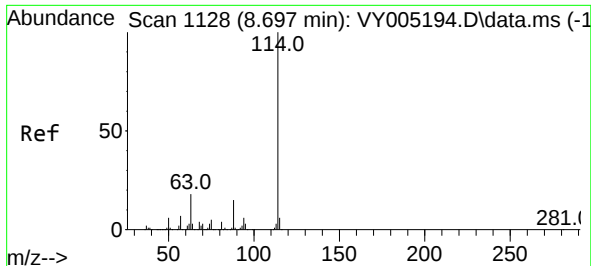


#33
1,2-Dichloroethane-d4
Concen: 65.859 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06



Tgt Ion: 65 Resp: 116251
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

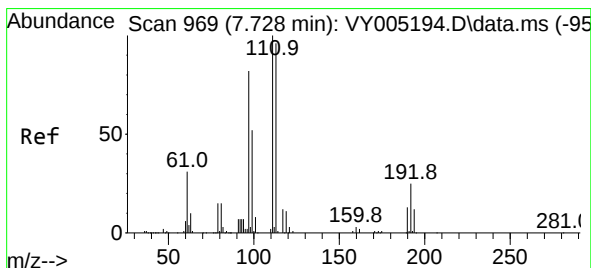
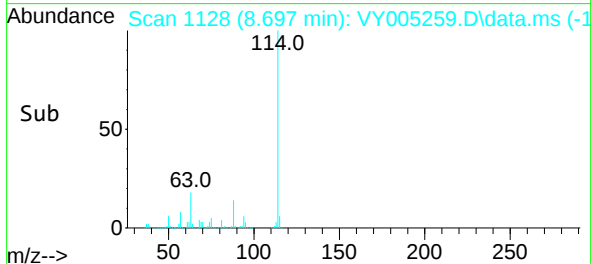
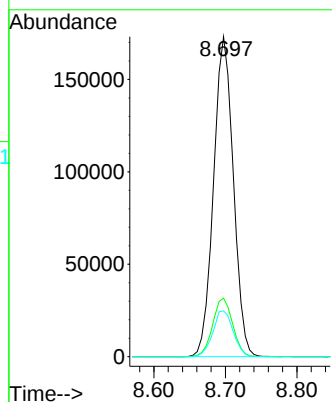
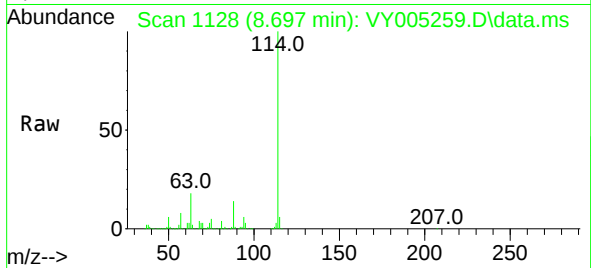




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

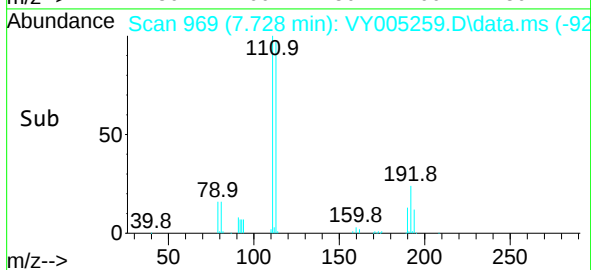
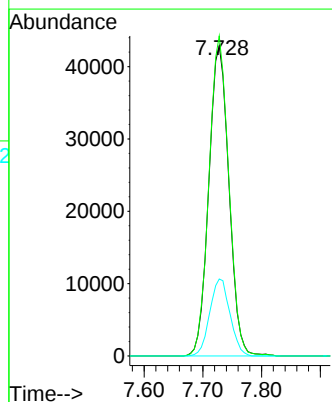
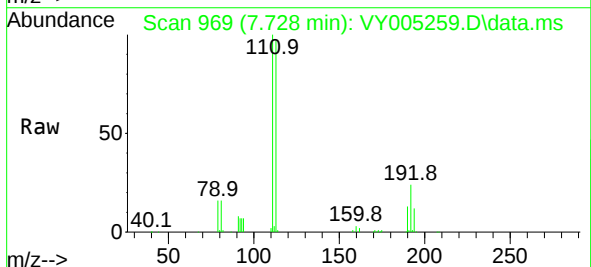
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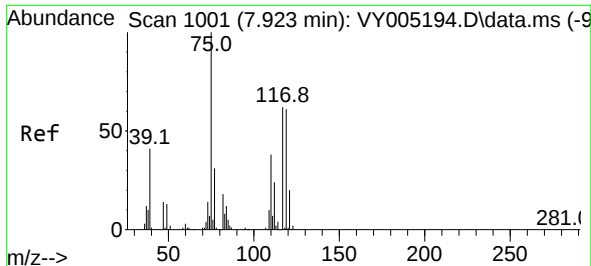
Tgt Ion:114 Resp: 332807
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 51.984 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion:113 Resp: 102032
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 24.9 20.2 30.2

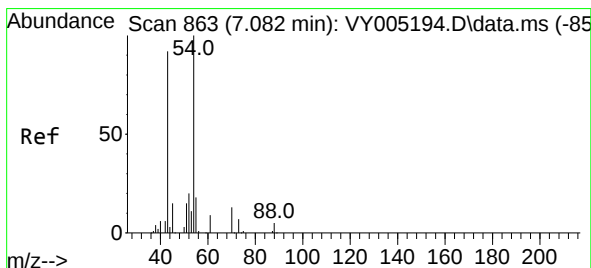
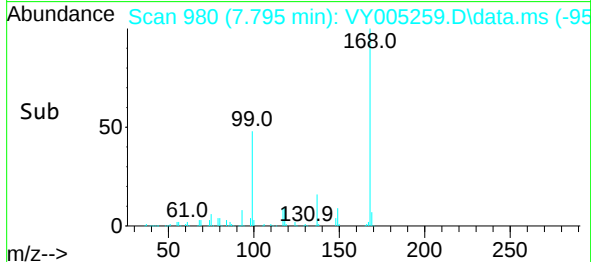
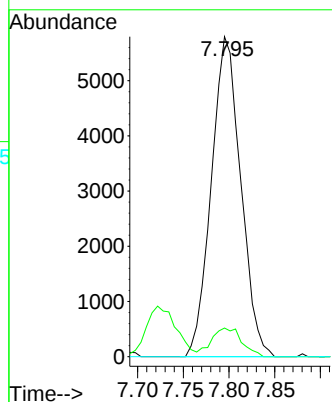
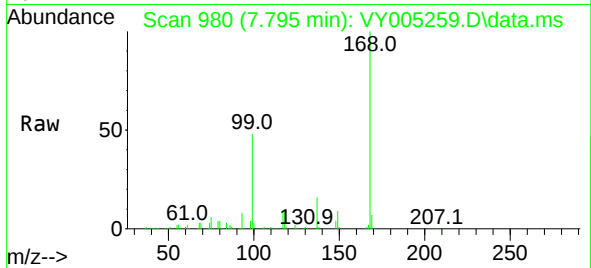




#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

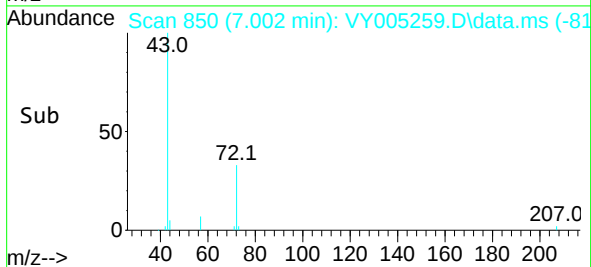
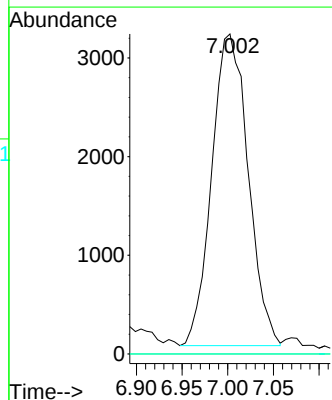
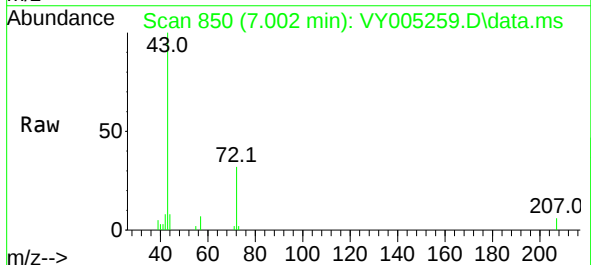
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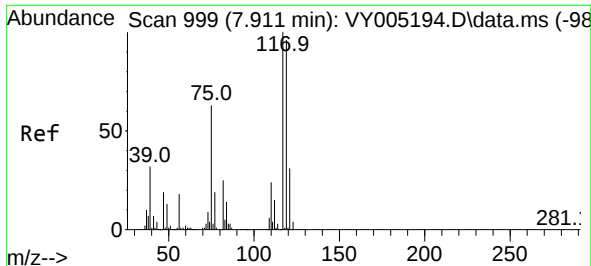
Tgt Ion: 75 Resp: 12953
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.5#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 5.794 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.079 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

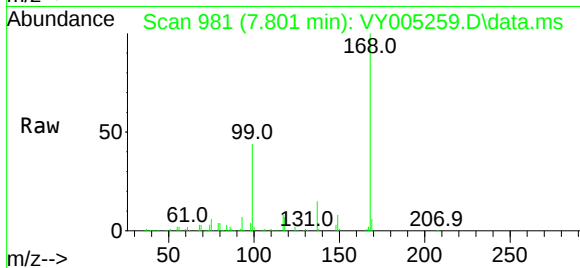
Tgt Ion: 43 Resp: 8756
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 9.7 14.5#



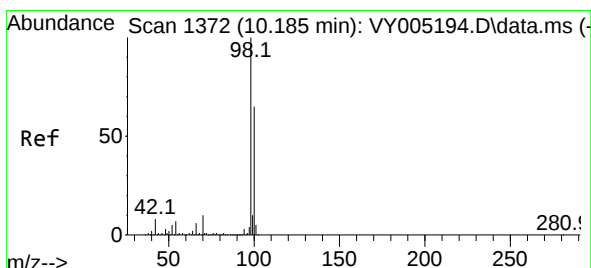
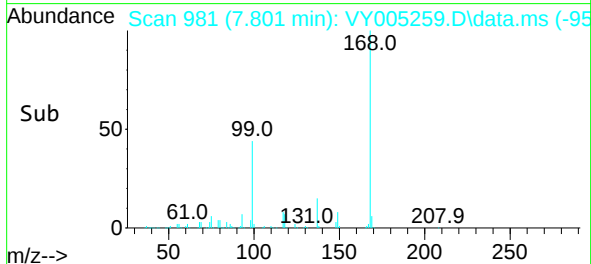
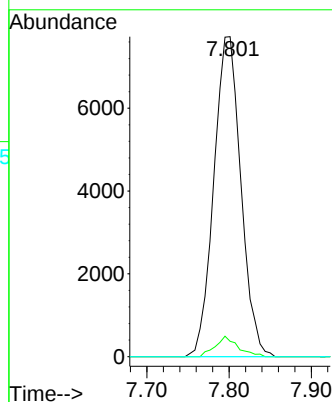


#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

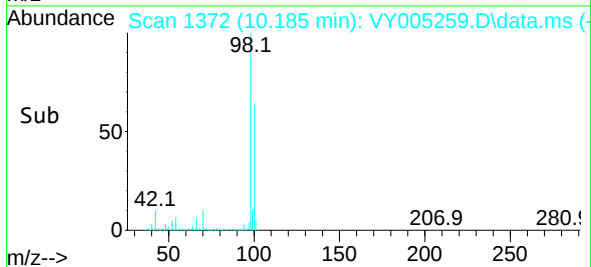
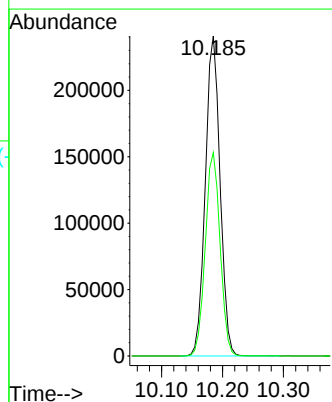
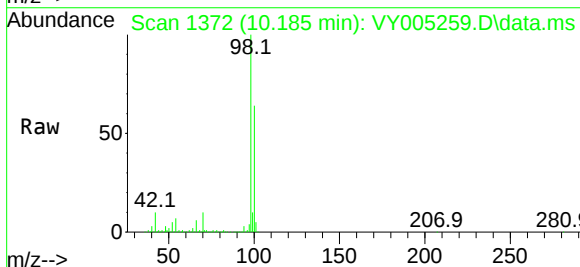


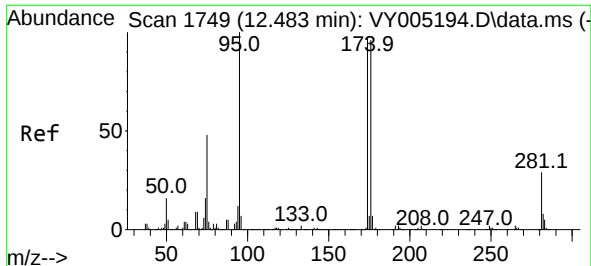
Tgt Ion: 117 Resp: 17690
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.586 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion: 98 Resp: 404905
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

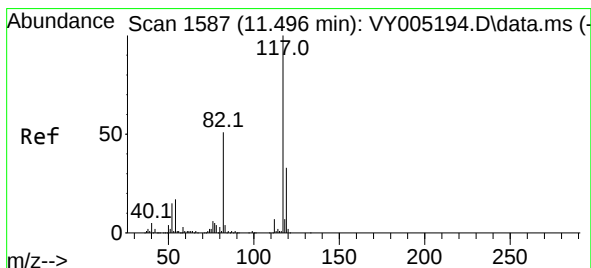
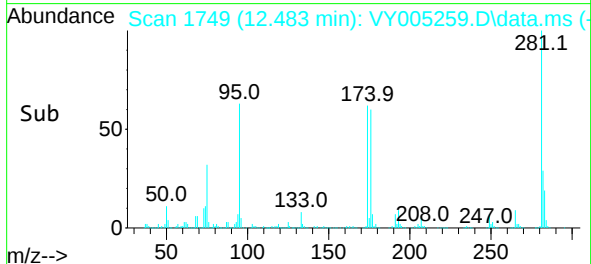
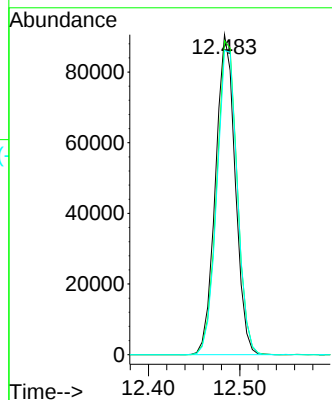
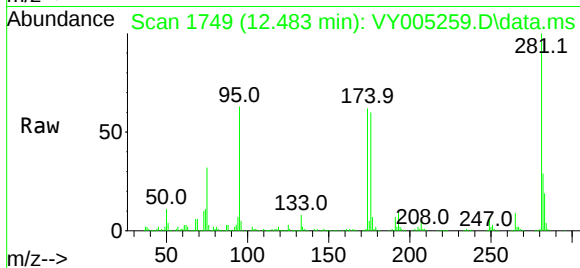




#62
4-Bromofluorobenzene
Concen: 51.911 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

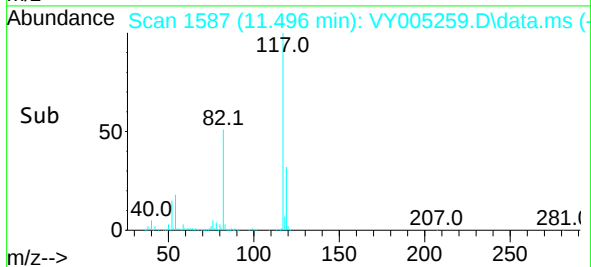
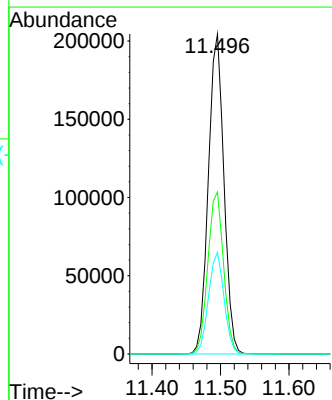
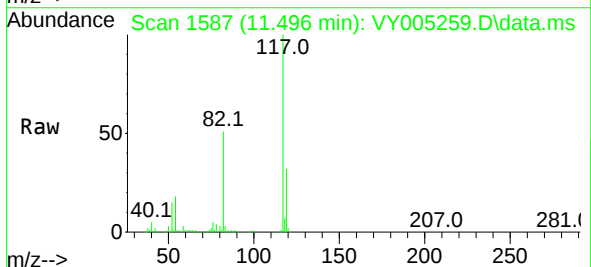
Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)

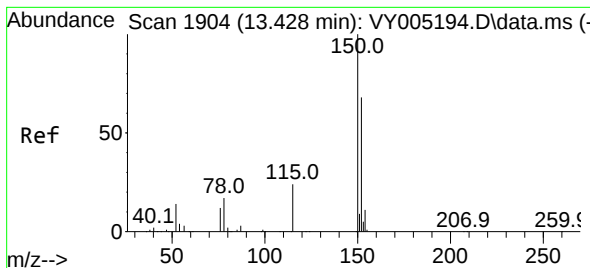
Tgt Ion: 95 Resp: 135778
Ion Ratio Lower Upper
95 100
174 101.2 0.0 201.6
176 98.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Tgt Ion: 117 Resp: 322054
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 31.7 26.1 39.1

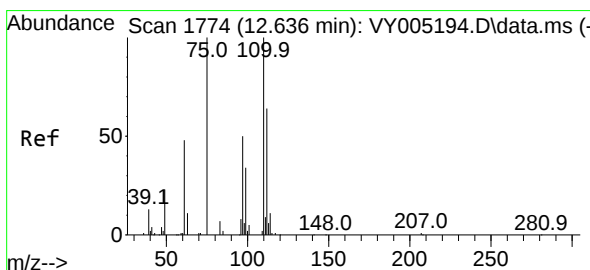
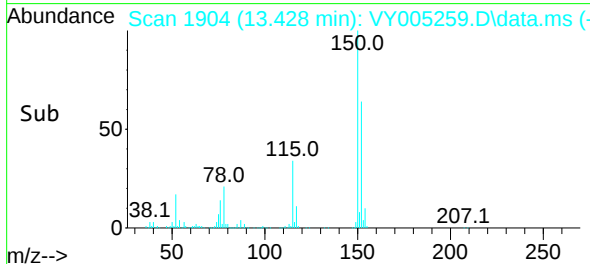
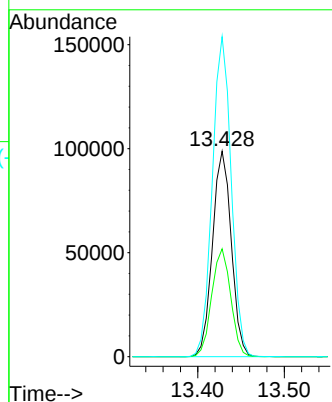
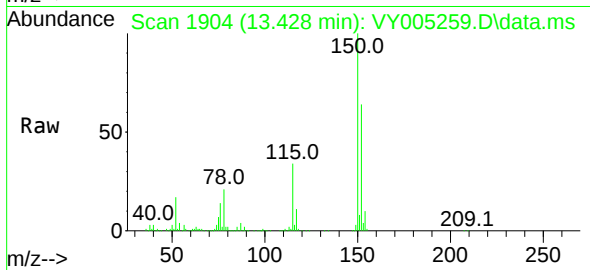




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005259.D
 Acq: 28 Jun 2021 19:06

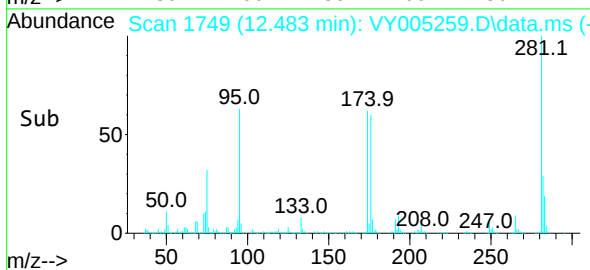
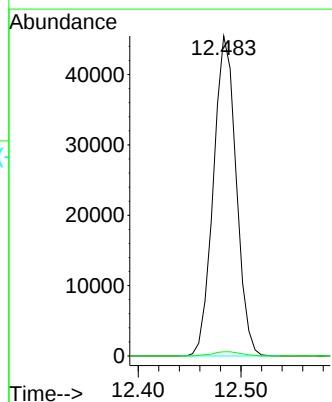
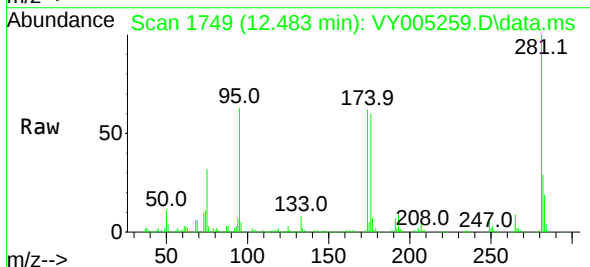
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-1(11.5-12)

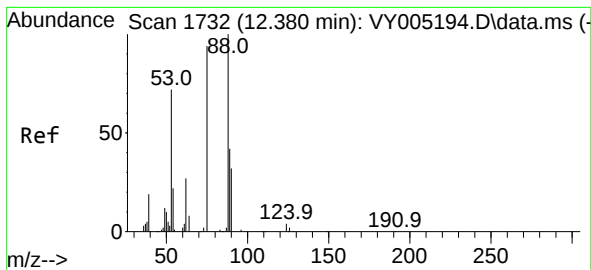
Tgt Ion:152 Resp: 149238
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 156.2 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 52.867 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005259.D
 Acq: 28 Jun 2021 19:06

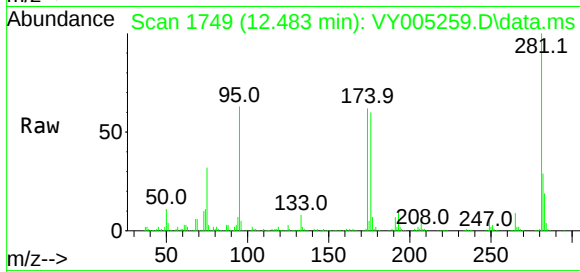
Tgt Ion: 75 Resp: 69973
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005259.D
Acq: 28 Jun 2021 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(11.5-12)



Tgt Ion: 75 Resp: 69973
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 2.1 38.0 57.0#

