

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005264.D
 Acq On : 28 Jun 2021 21:02
 Operator : SY/MD
 Sample : M2890-01
 Misc : 6.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DW-1

Quant Time: Jun 29 01:20:58 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)

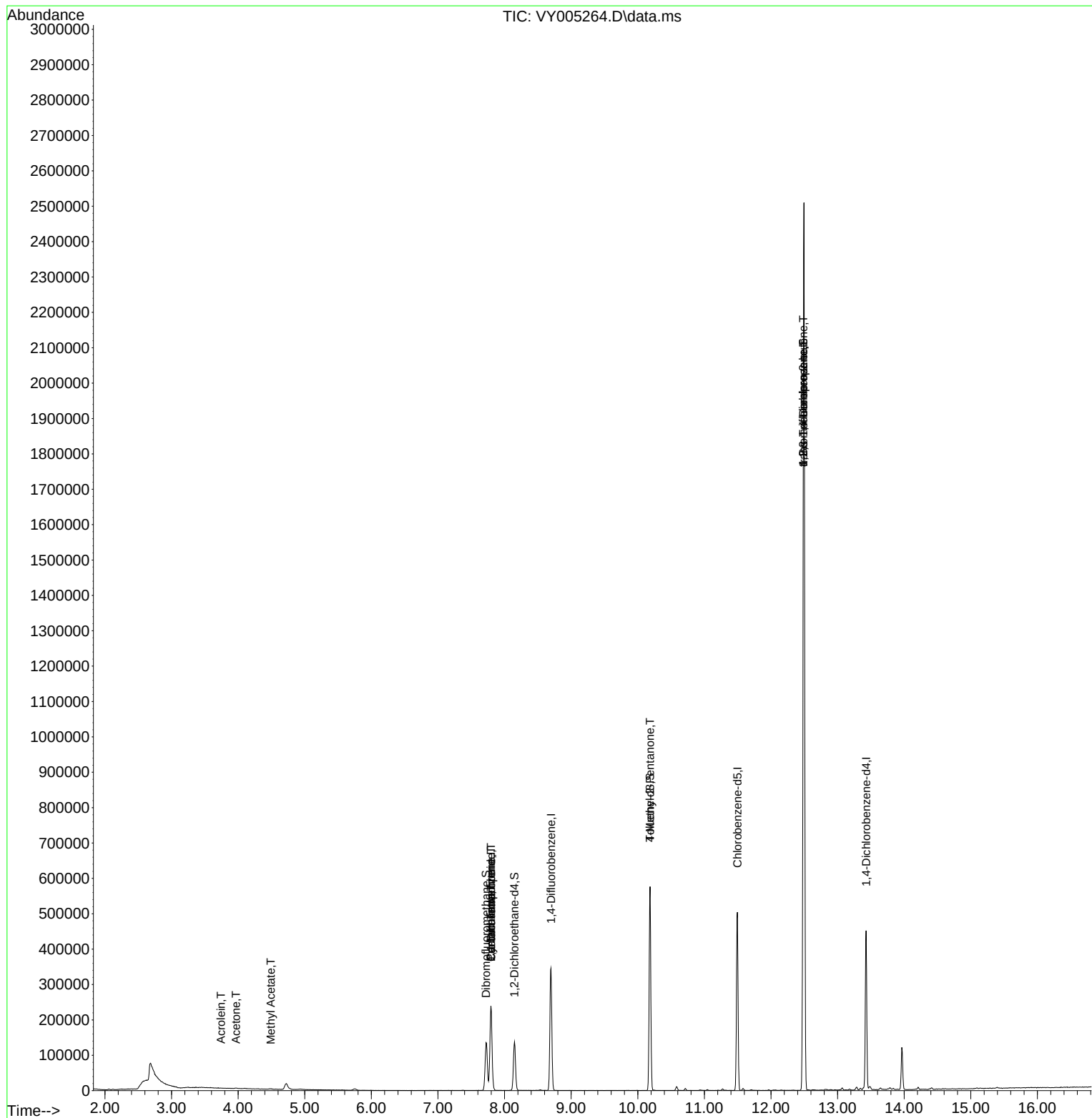
Internal Standards						
1) Pentafluorobenzene	7.795	168	207478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108688	63.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.260%	
35) Dibromofluoromethane	7.722	113	96443	51.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.185	98	383458	51.177	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.483	95	123574	49.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.980%	
Target Compounds						
11) Tert butyl alcohol	4.948	59	899	Below Cal	#	70
13) Acrolein	3.741	56	168	1.986	ug/l #	11
16) Acetone	3.967	43	2179	5.478	ug/l #	74
18) Methyl Acetate	4.491	43	2119	2.005	ug/l #	67
20) Methylene Chloride	4.729	84	13105	Below Cal		94
31) Cyclohexane	7.795	56	3228	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12834	4.588	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17284	5.902	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1469	1.058	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69962	63.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69962	119.183	ug/l #	21

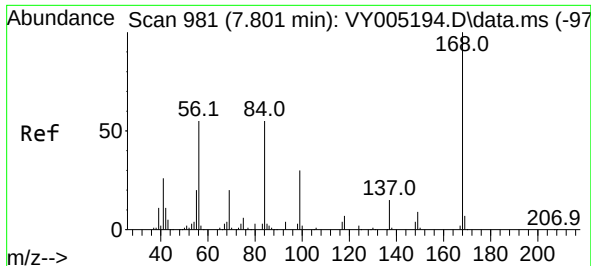
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

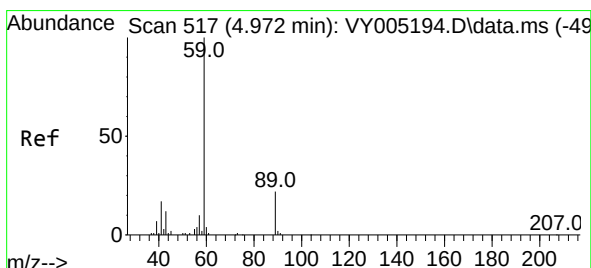
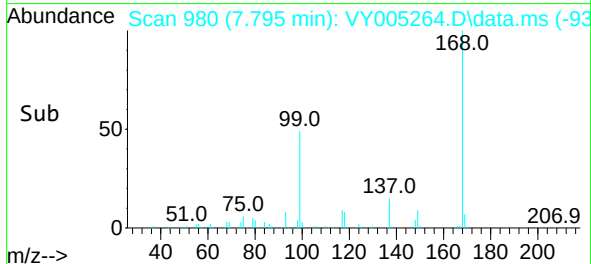
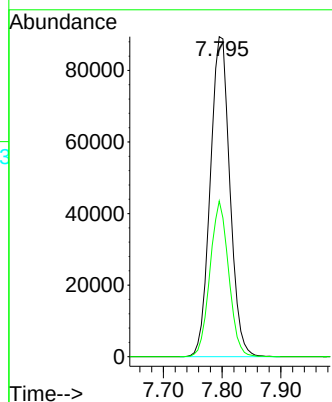
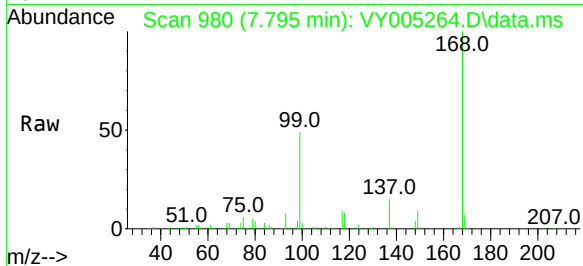




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

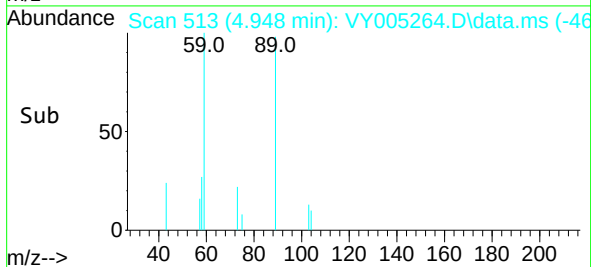
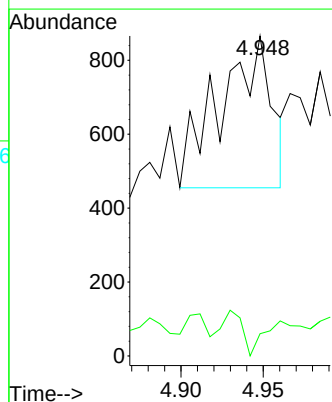
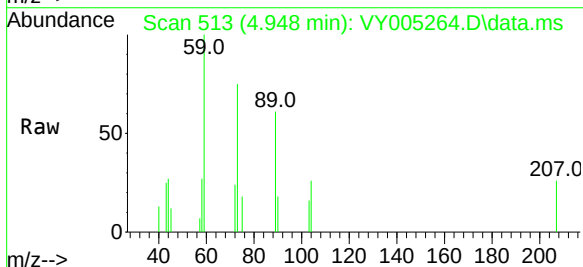
Instrument :
MSVOA_Y
ClientSampled :
DW-1

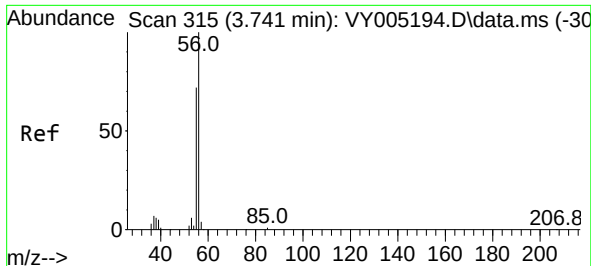
Tgt Ion:168 Resp: 207478
Ion Ratio Lower Upper
168 100
99 48.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 59 Resp: 899
Ion Ratio Lower Upper
59 100
57 18.7 6.5 9.7#

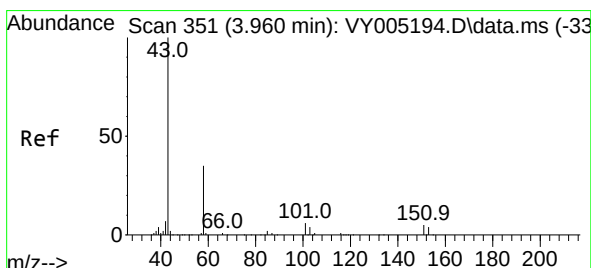
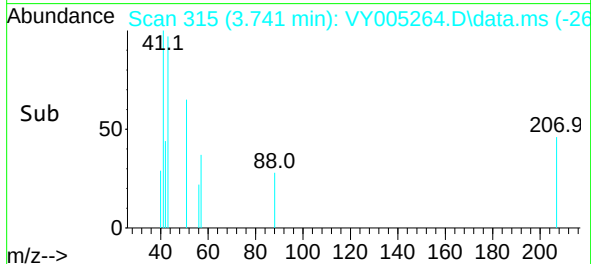
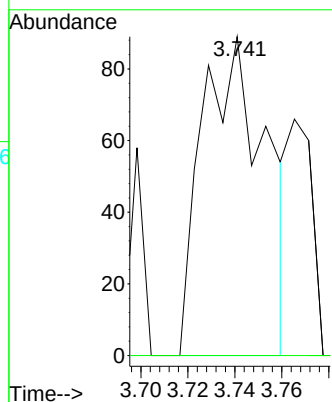
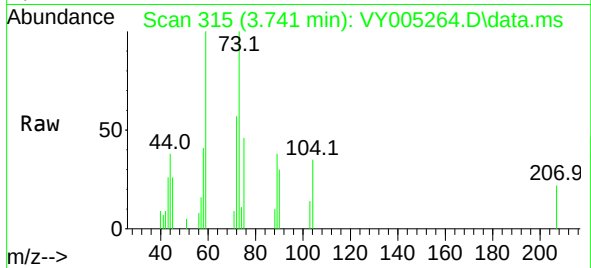




#13
Acrolein
Concen: 1.986 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

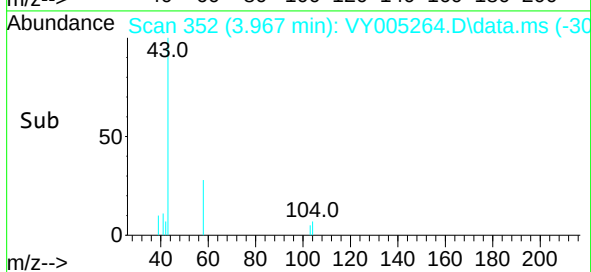
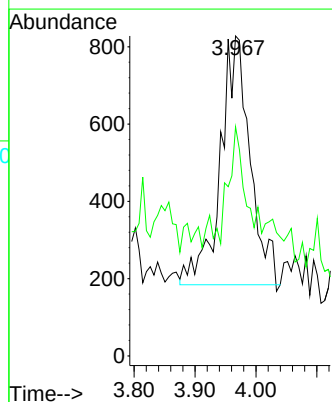
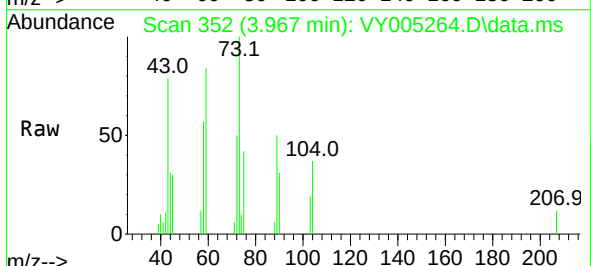
Instrument :
MSVOA_Y
ClientSampled :
DW-1

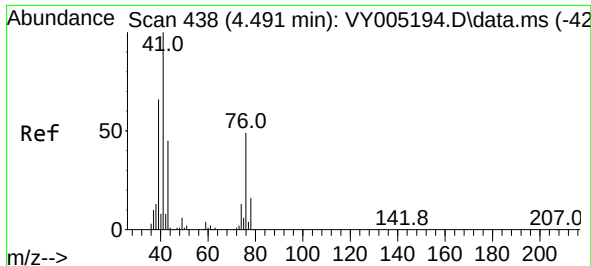
Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 0.0 61.0 91.6#



#16
Acetone
Concen: 5.478 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 50.5 28.2 42.2#

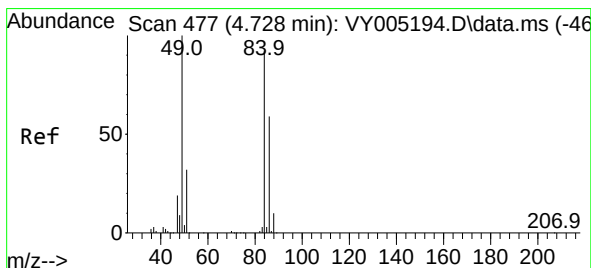
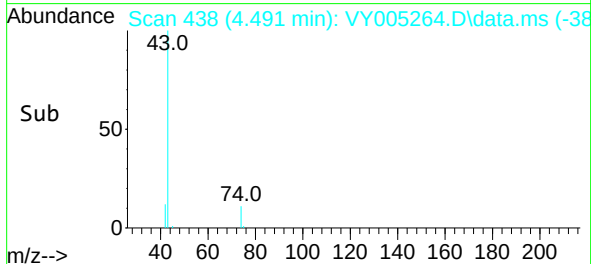
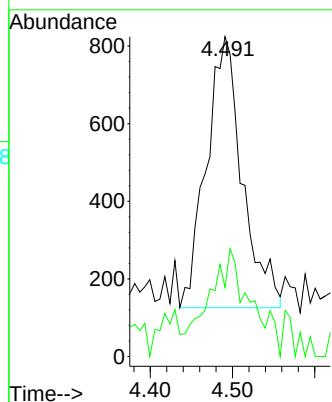
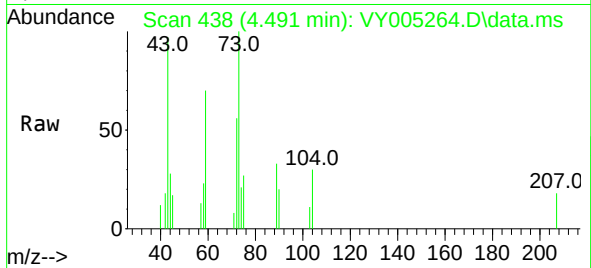




#18
Methyl Acetate
Concen: 2.005 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

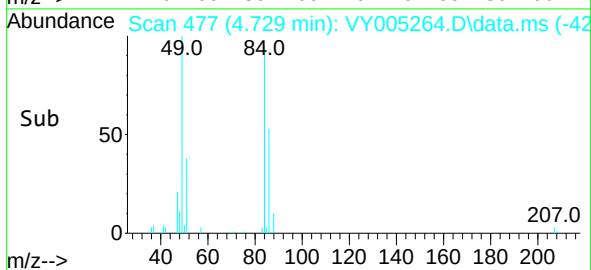
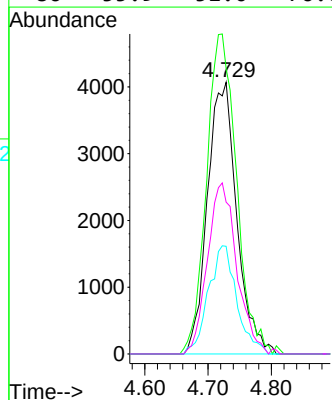
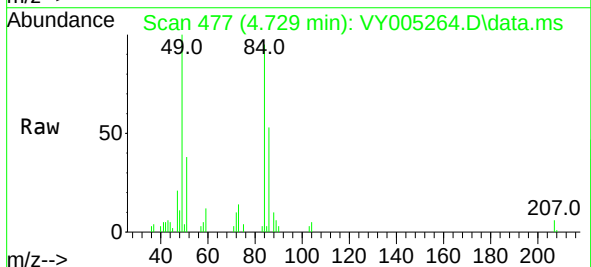
Instrument :
MSVOA_Y
ClientSampled :
DW-1

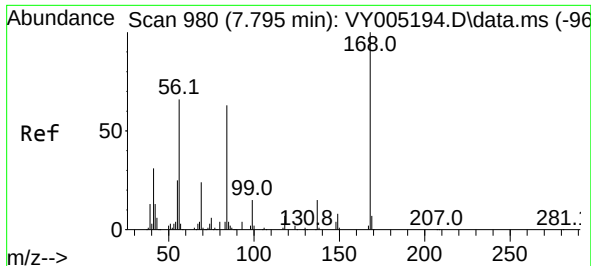
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
74 45.7 22.5 33.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 84 Resp: 13105
Ion Ratio Lower Upper
84 100
49 105.1 86.9 130.3
51 39.6 27.4 41.2
86 55.9 51.0 76.6

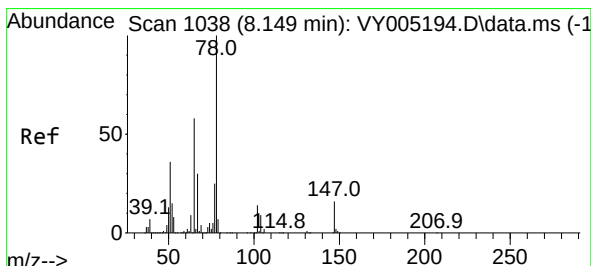
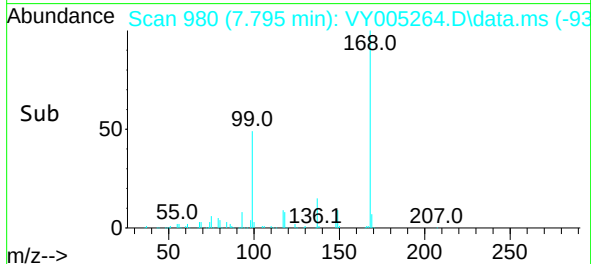
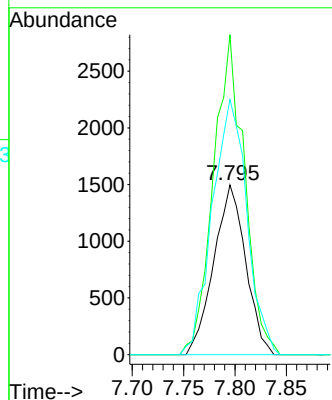
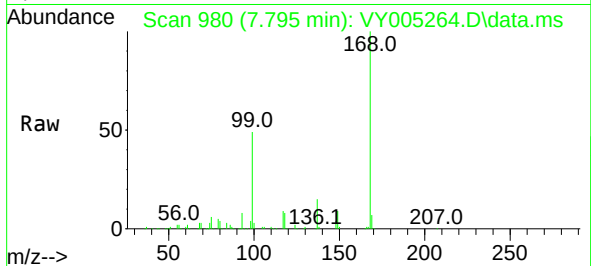




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

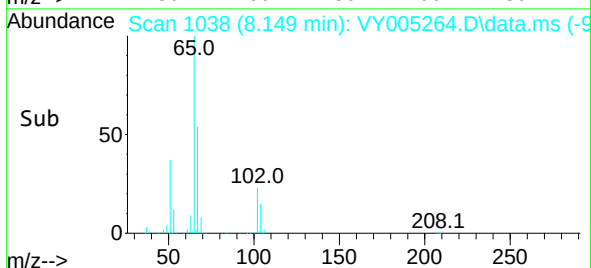
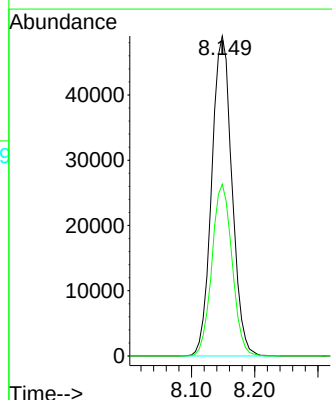
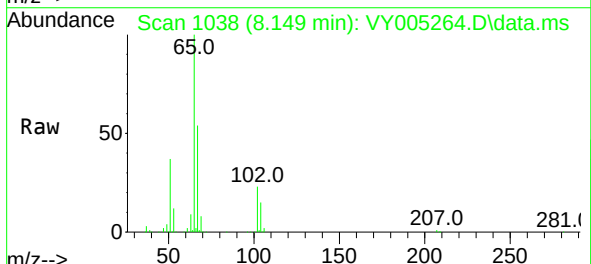
Instrument :
MSVOA_Y
ClientSampleId :
DW-1

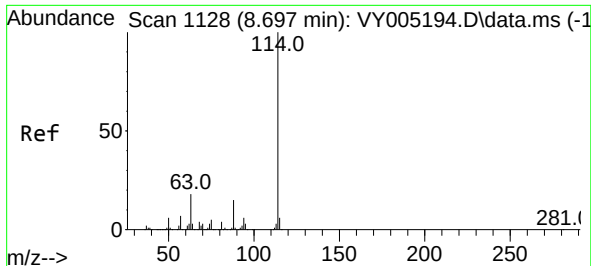
Tgt Ion: 56 Resp: 3228
Ion Ratio Lower Upper
56 100
69 188.5 29.6 44.4#
84 150.3 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 63.126 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 65 Resp: 108688
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

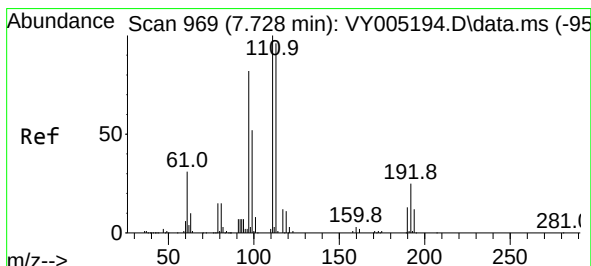
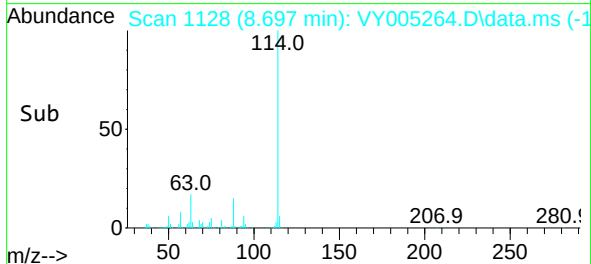
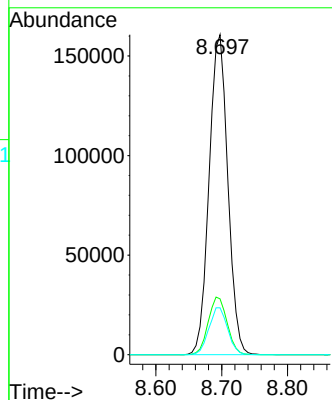
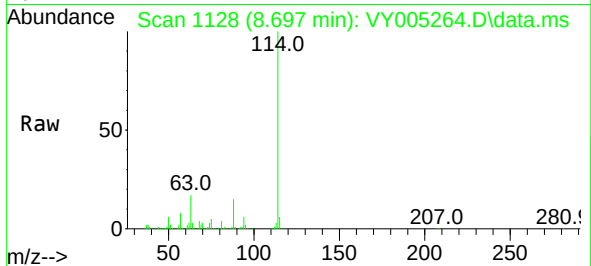




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

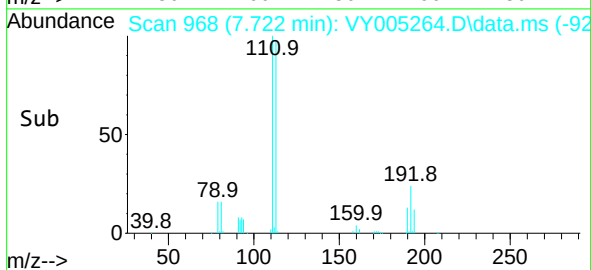
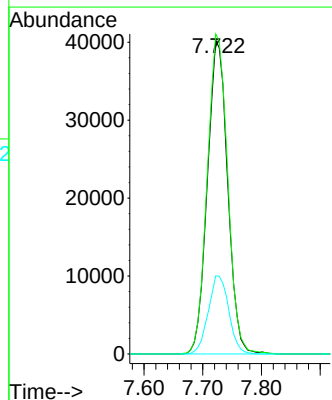
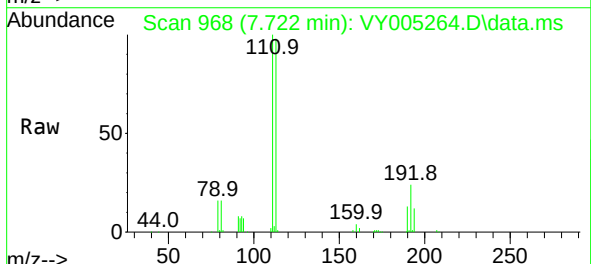
Instrument :
MSVOA_Y
ClientSampled :
DW-1

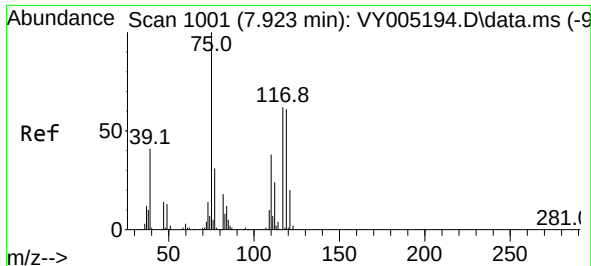
Tgt Ion:	114	Resp:	317697
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	35.2
88	14.7	0.0	29.4



#35
Dibromofluoromethane
Concen: 51.474 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion:	113	Resp:	96443
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.6	124.0
192	25.2	20.2	30.2

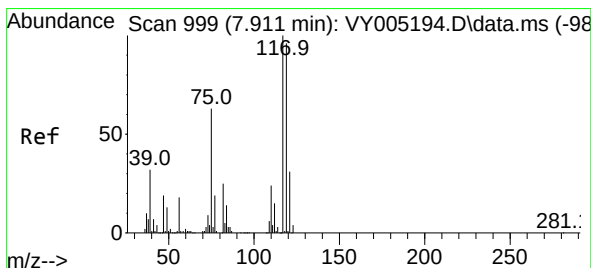
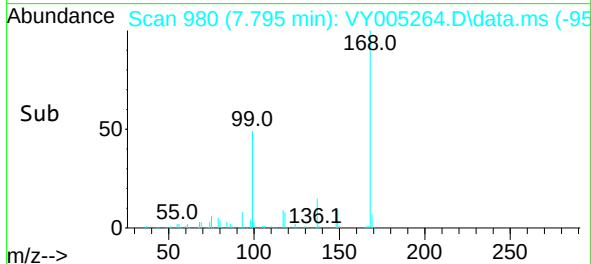
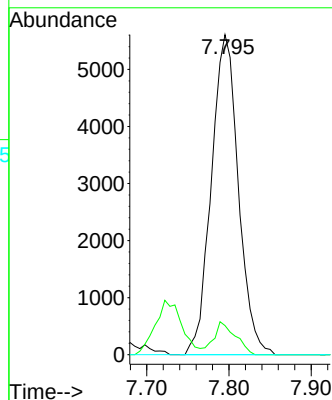
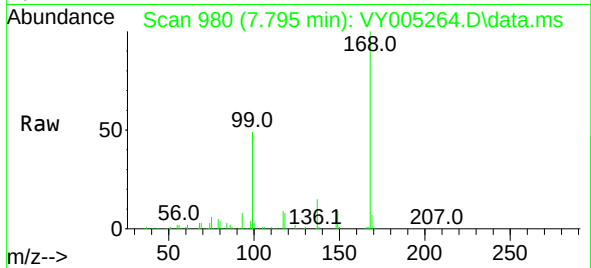




#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

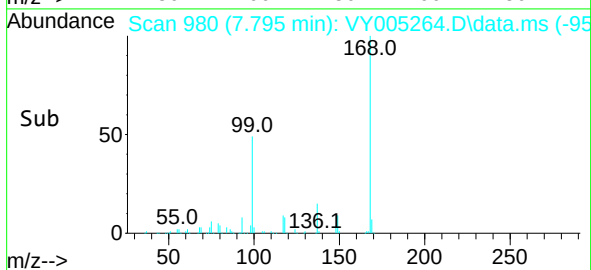
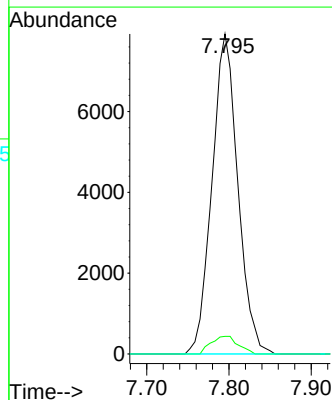
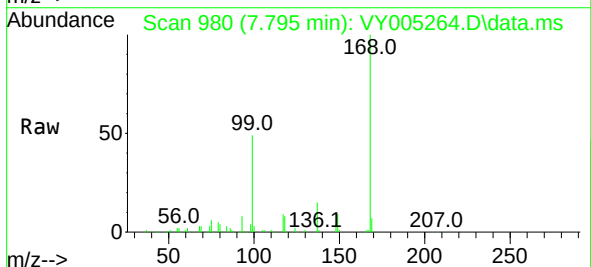
Instrument :
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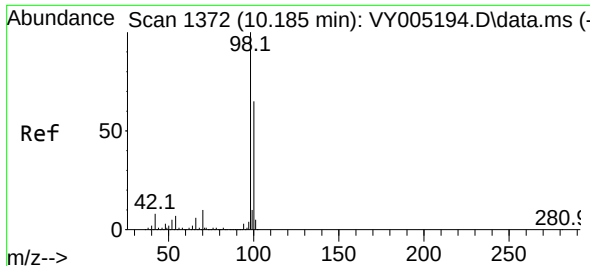
Tgt Ion: 75 Resp: 12834
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 117 Resp: 17284
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.4#
121 0.0 24.7 37.1#

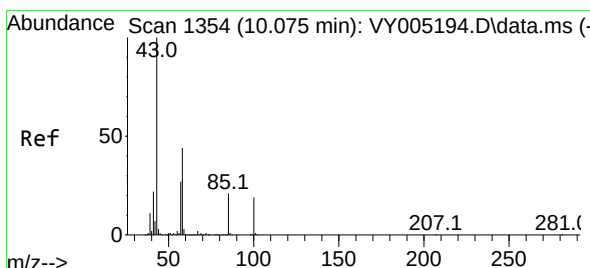
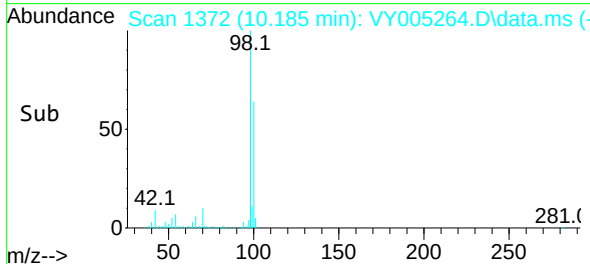
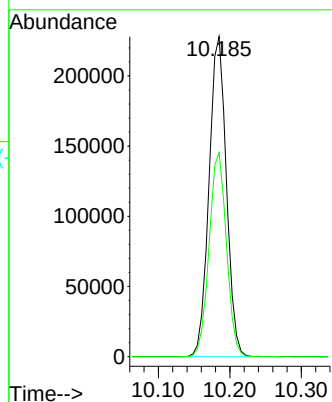
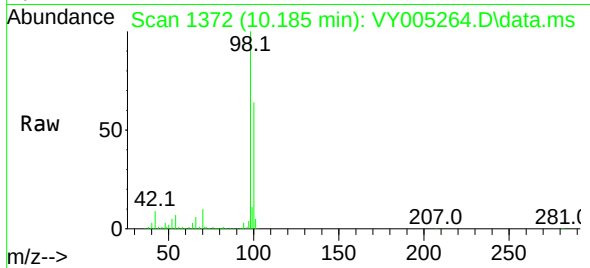




#50
Toluene-d8
Concen: 51.177 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

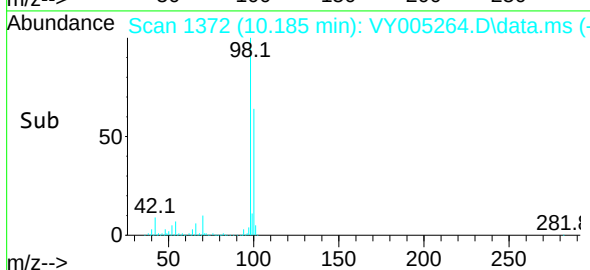
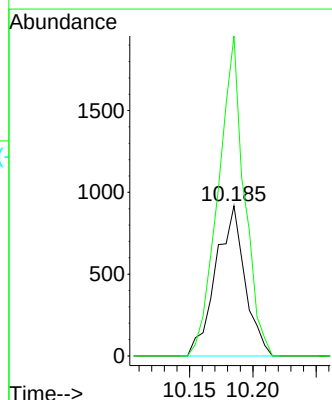
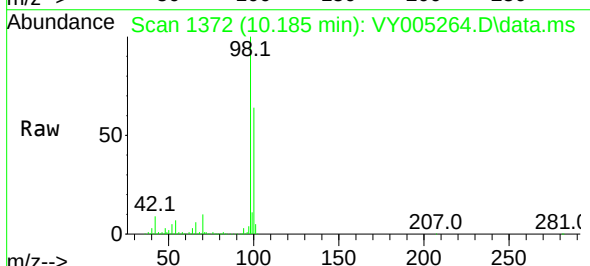
Instrument :
MSVOA_Y
ClientSampled :
DW-1

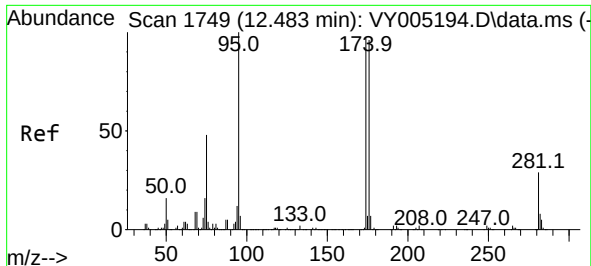
Tgt Ion: 98 Resp: 383458
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.058 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 190.7 35.3 52.9#

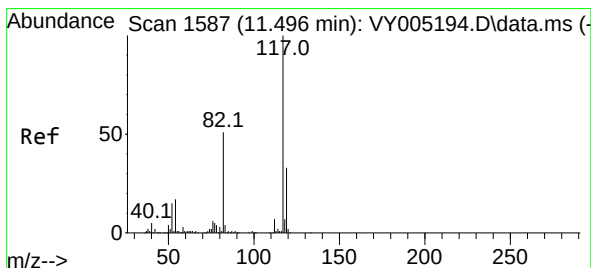
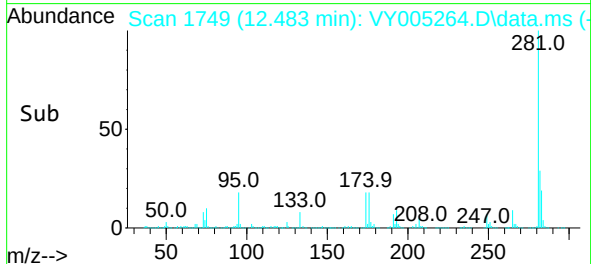
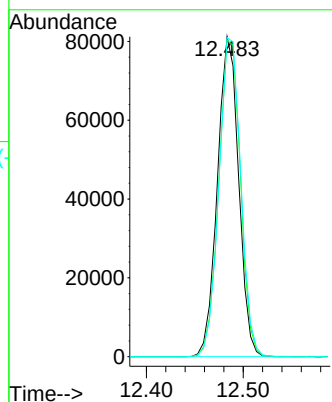
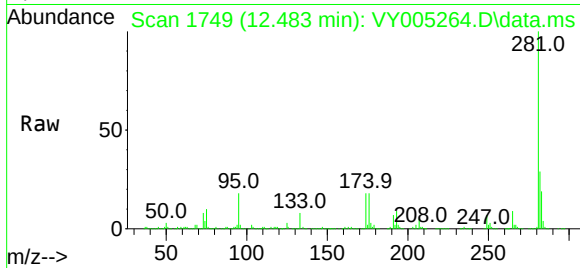




#62
4-Bromofluorobenzene
Concen: 49.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

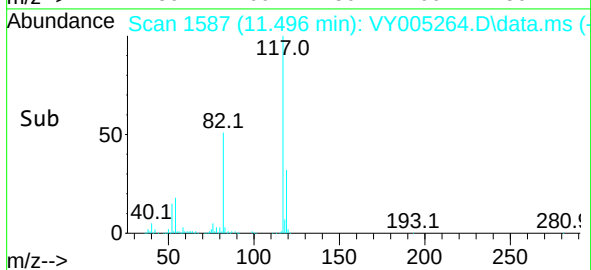
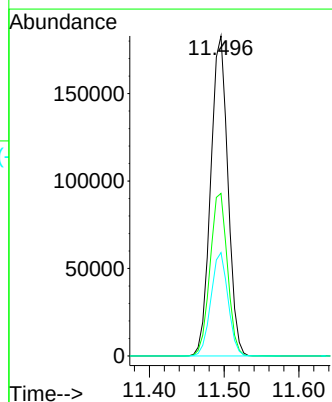
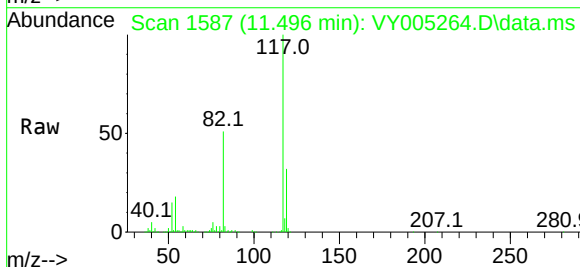
Instrument :
MSVOA_Y
ClientSampleId :
DW-1

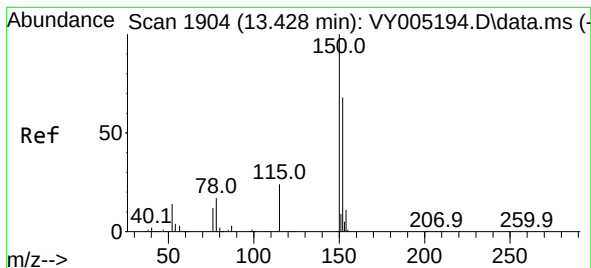
Tgt Ion: 95 Resp: 123574
Ion Ratio Lower Upper
95 100
174 101.1 0.0 201.6
176 102.7 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Tgt Ion: 117 Resp: 291748
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.3 26.1 39.1

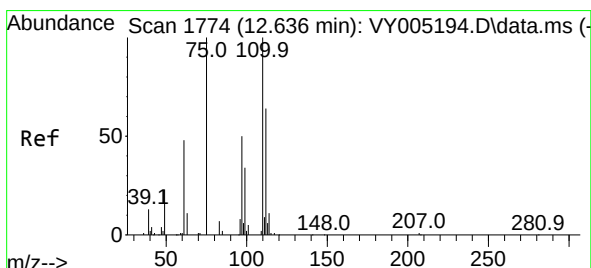
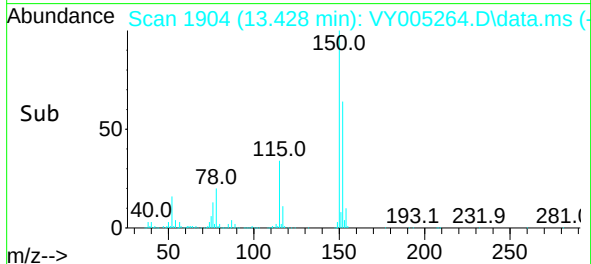
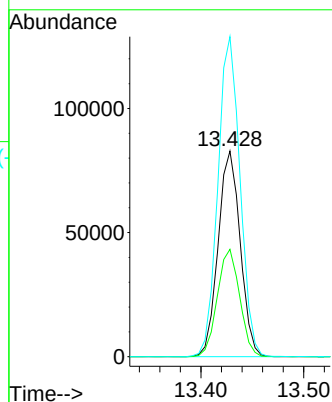
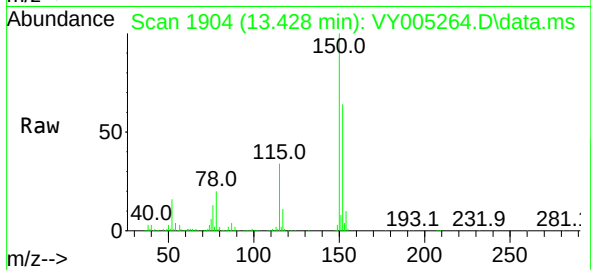




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005264.D
 Acq: 28 Jun 2021 21:02

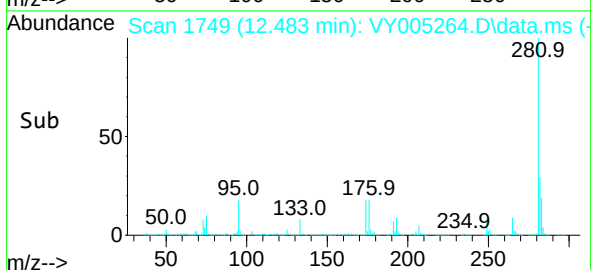
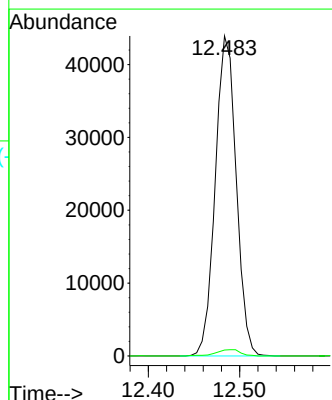
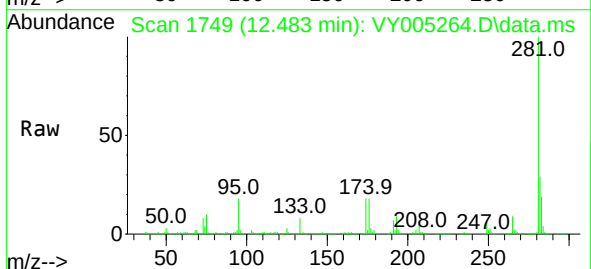
Instrument :
 MSVOA_Y
 ClientSampled :
 DW-1

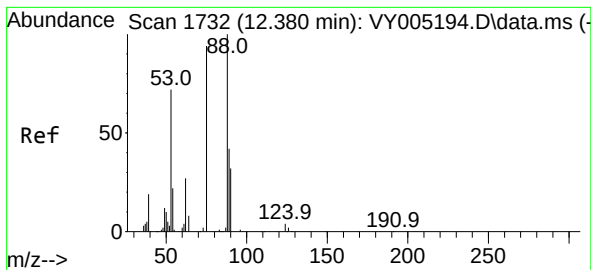
Tgt Ion:152 Resp: 123492
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.3 78.8
 150 155.9 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 63.878 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005264.D
 Acq: 28 Jun 2021 21:02

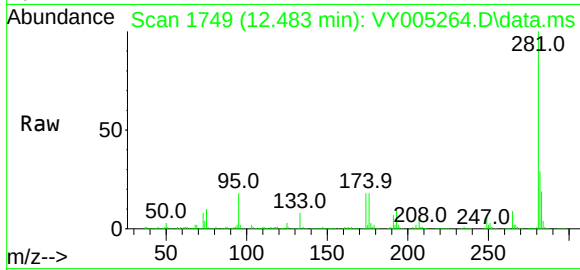
Tgt Ion: 75 Resp: 69962
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005264.D
Acq: 28 Jun 2021 21:02

Instrument :
MSVOA_Y
ClientSampleId :
DW-1



Tgt Ion:	75	Resp:	69962
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	5.9	38.0	57.0#

