

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005257.D
 Acq On : 28 Jun 2021 18:19
 Operator : SY/MD
 Sample : M2856-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-9.5-10.0

Quant Time: Jun 29 01:19:25 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)

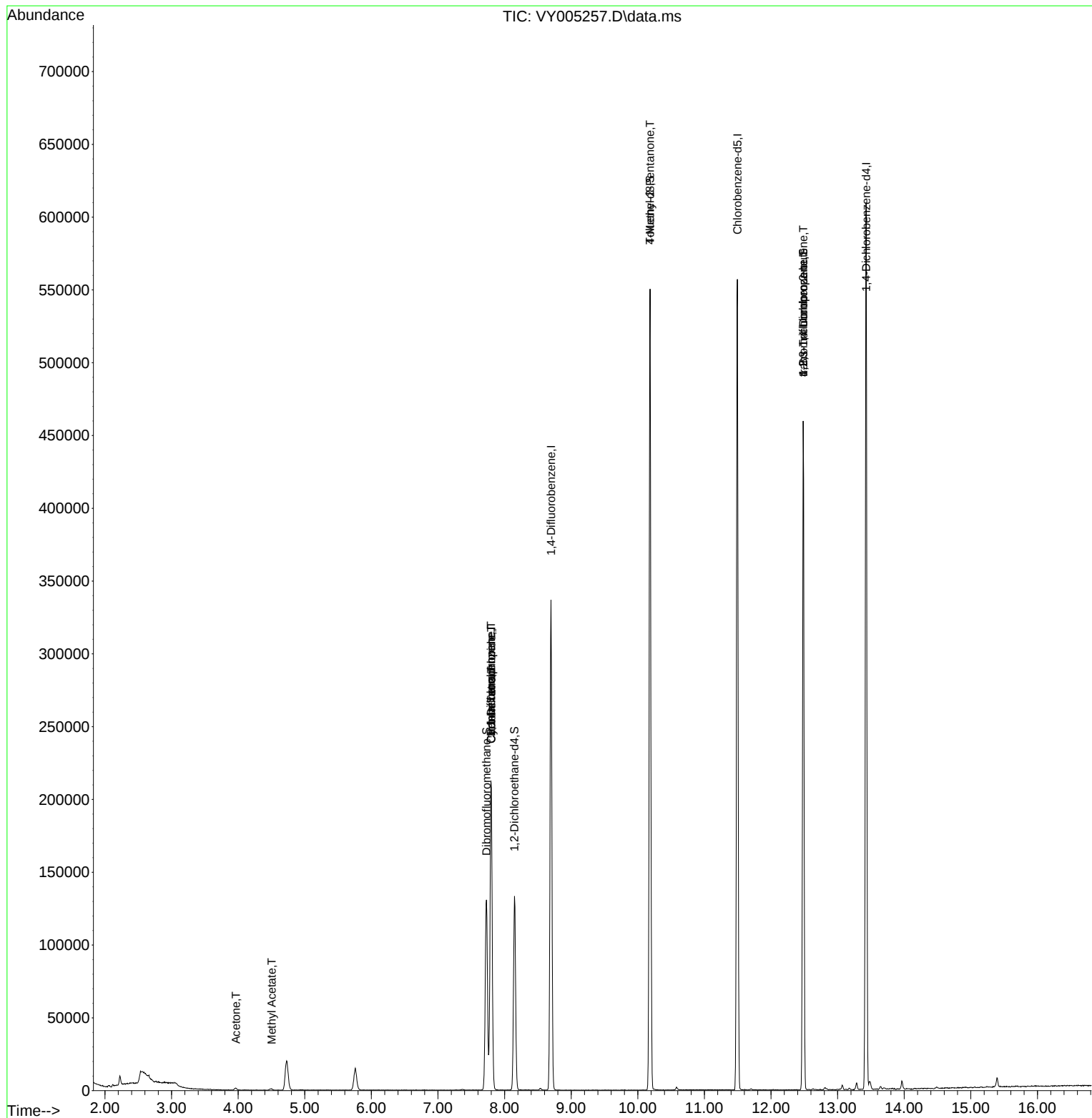
Internal Standards						
1) Pentafluorobenzene	7.795	168	183794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103030	67.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.100%	
35) Dibromofluoromethane	7.728	113	92302	52.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.940%	
50) Toluene-d8	10.185	98	360338	51.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.483	95	134418	57.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	226	Below Cal	#	77
16) Acetone	3.966	43	2437	6.916	ug/l	89
18) Methyl Acetate	4.503	43	1887	2.015	ug/l #	80
20) Methylene Chloride	4.728	84	16296	Below Cal		95
31) Cyclohexane	7.801	56	3038	1.116	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	11585	4.452	ug/l #	47
38) Carbon Tetrachloride	7.801	117	15447	5.671	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1518	1.176	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	65617	44.123	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65617	82.324	ug/l #	17

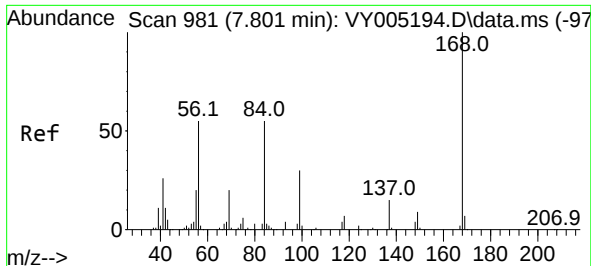
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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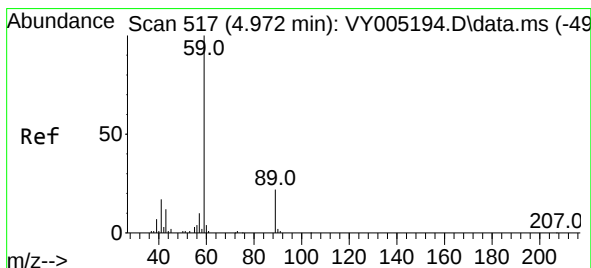
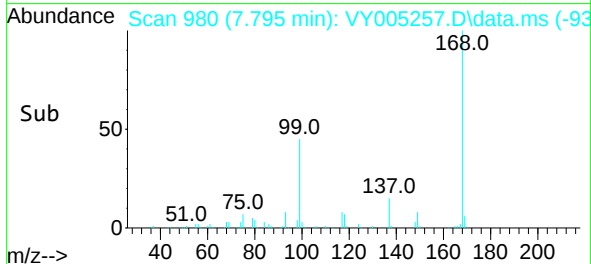
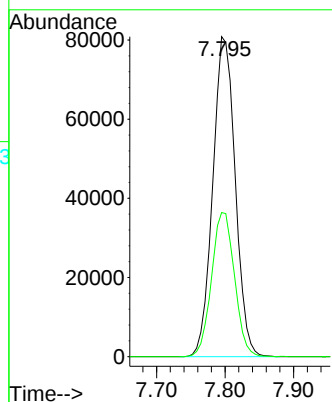
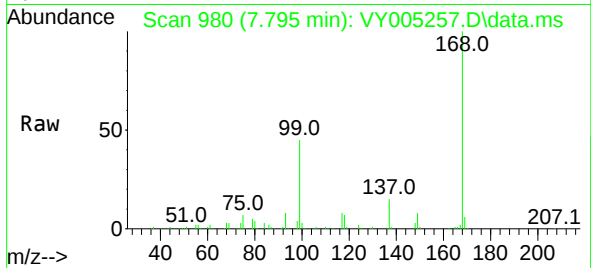




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

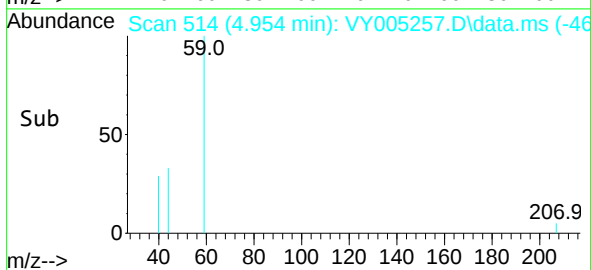
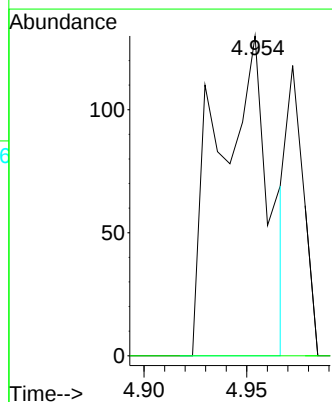
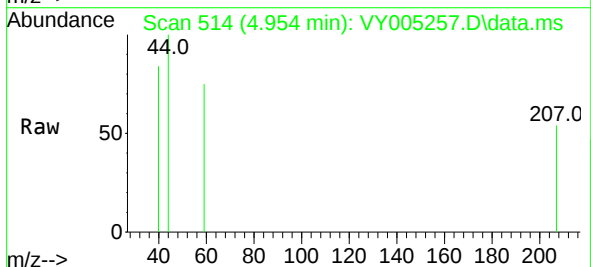
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MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

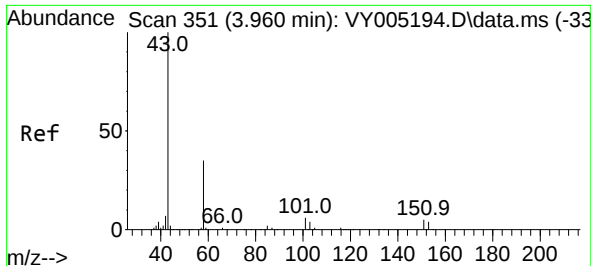
Tgt Ion:168 Resp: 183794
Ion Ratio Lower Upper
168 100
99 45.1 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

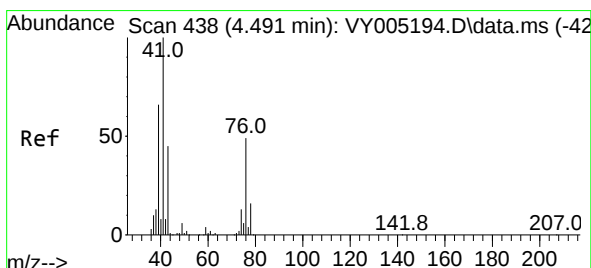
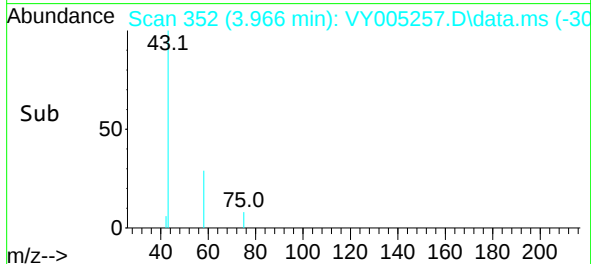
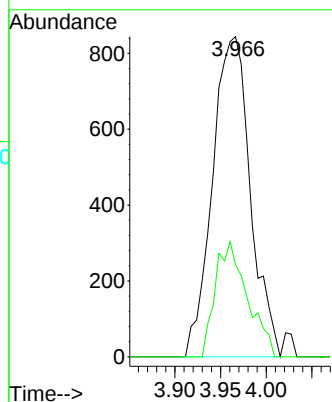
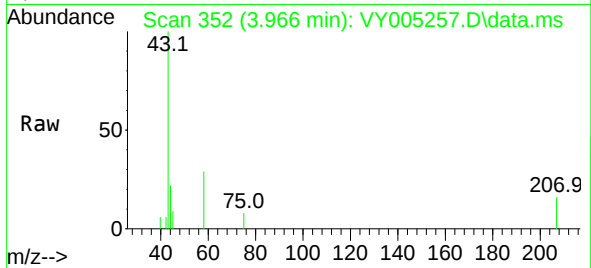




#16
Acetone
Concen: 6.916 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

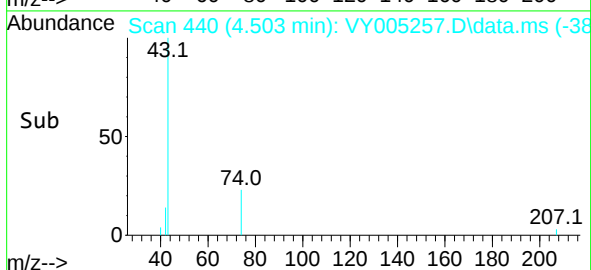
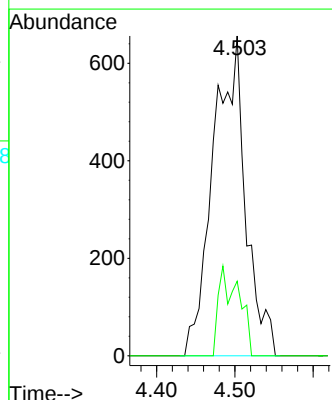
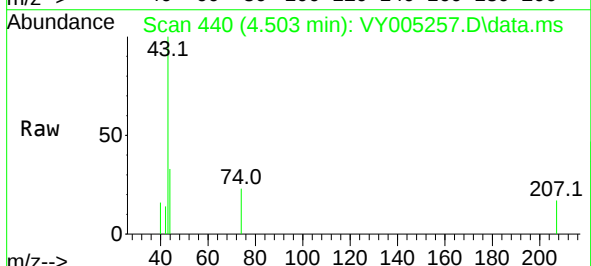
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

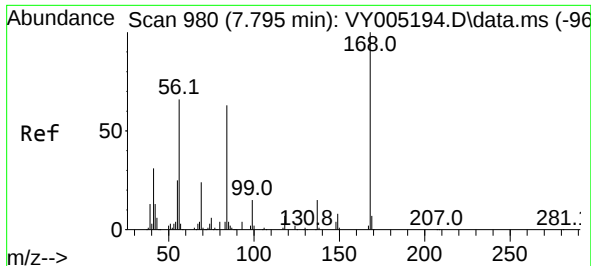
Tgt Ion: 43 Resp: 2437
Ion Ratio Lower Upper
43 100
58 28.8 28.2 42.2



#18
Methyl Acetate
Concen: 2.015 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
74 17.4 22.5 33.7#

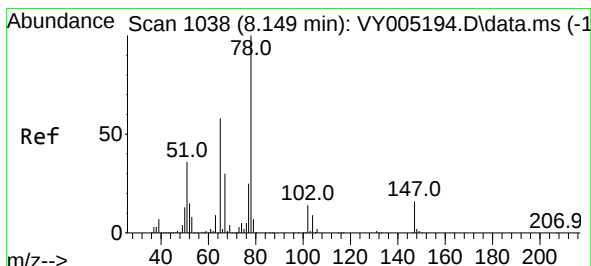
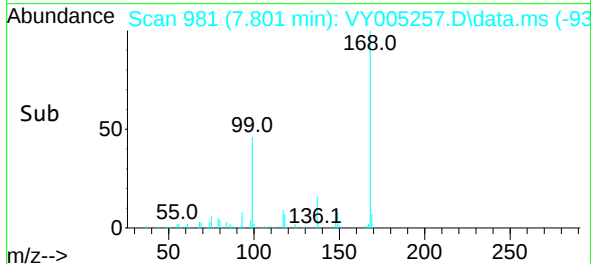
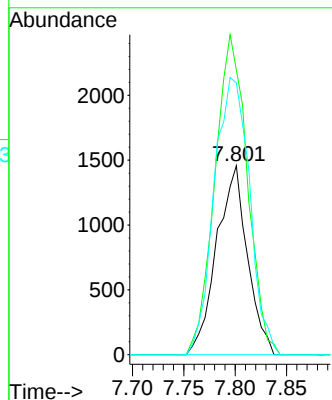
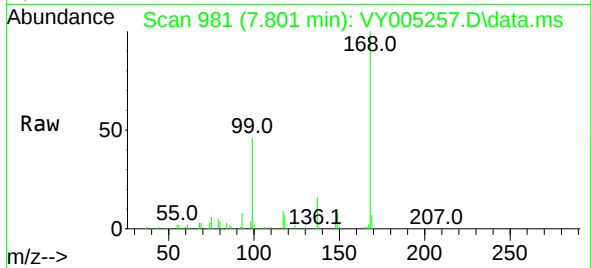




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

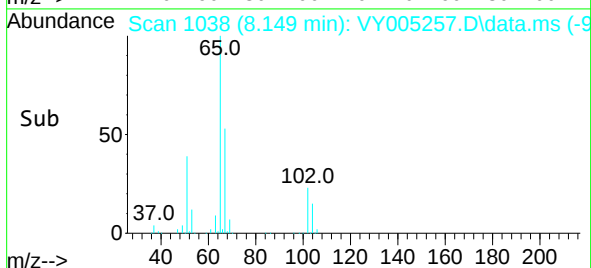
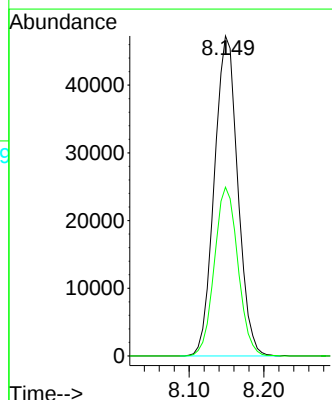
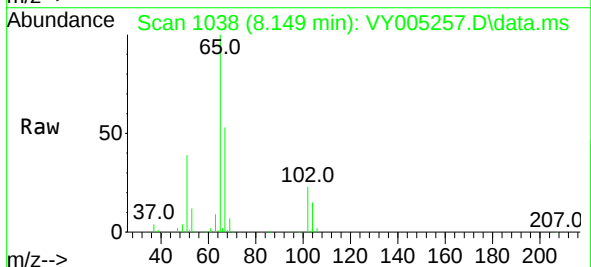
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

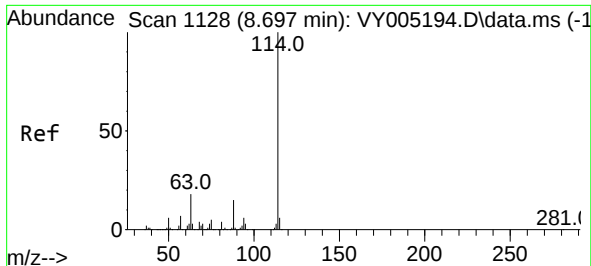
Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 150.7 29.6 44.4#
84 143.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.551 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion: 65 Resp: 103030
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.6

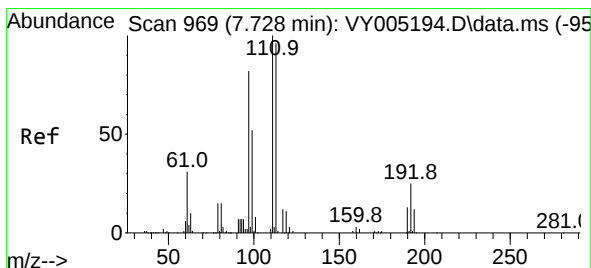
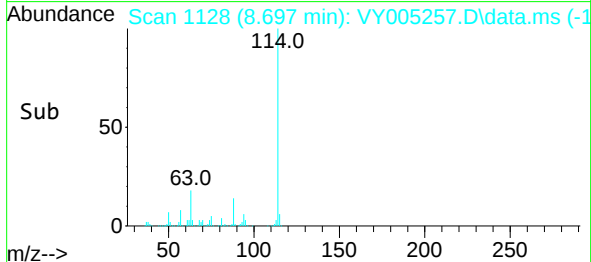
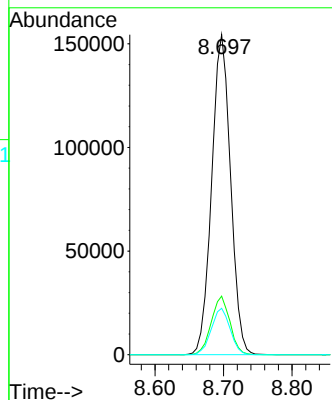
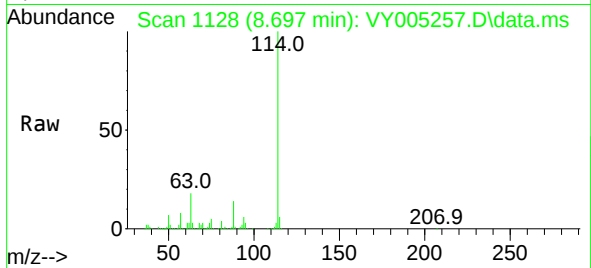




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

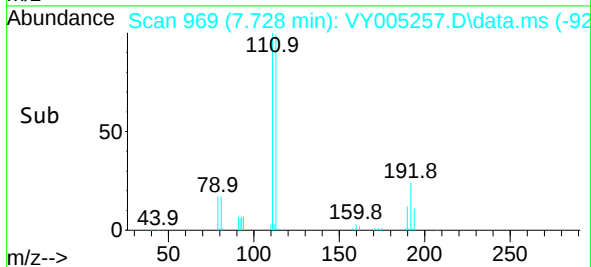
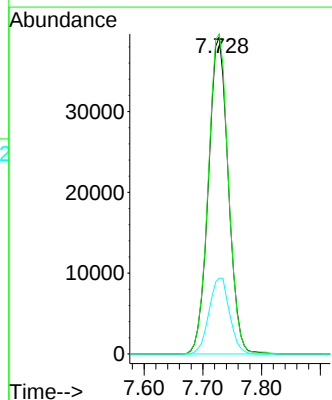
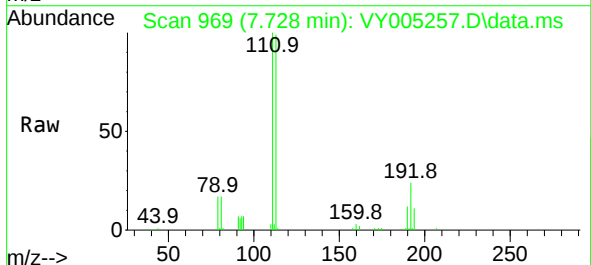
Instrument :
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ClientSampleId :
SB-04-9.5-10.0

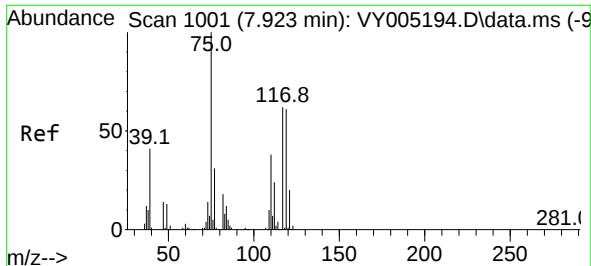
Tgt Ion:	114	Resp:	295495
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	35.2
88	14.5	0.0	29.4



#35
Dibromofluoromethane
Concen: 52.965 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion:	113	Resp:	92302
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	124.0
192	24.6	20.2	30.2

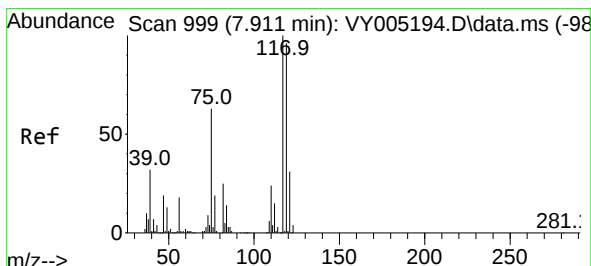
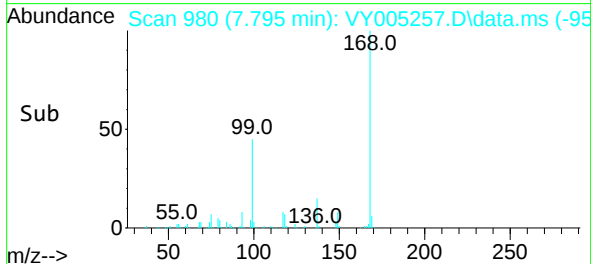
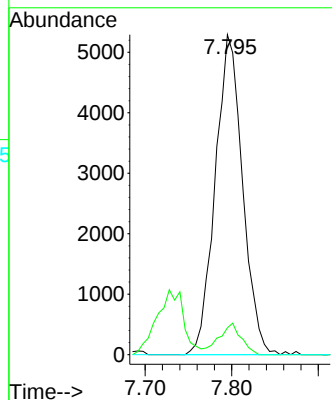
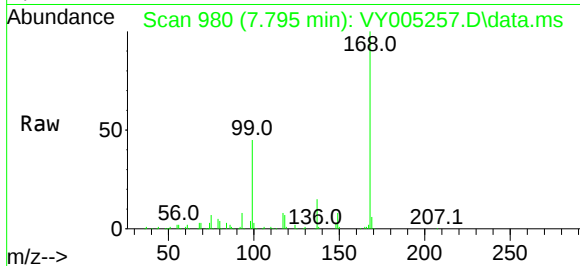




#36
 1,1-Dichloropropene
 Concen: 4.452 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005257.D
 Acq: 28 Jun 2021 18:19

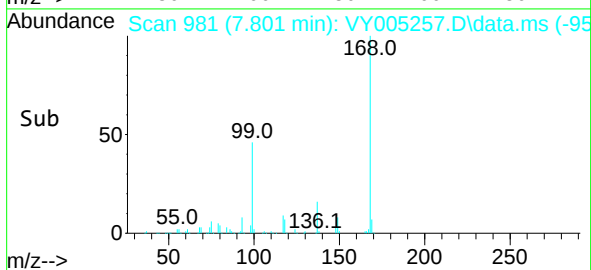
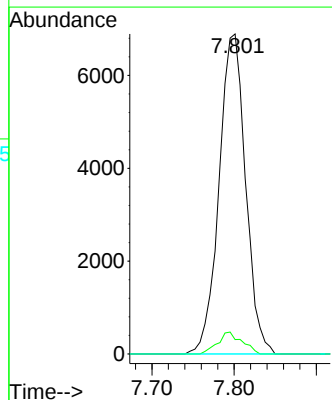
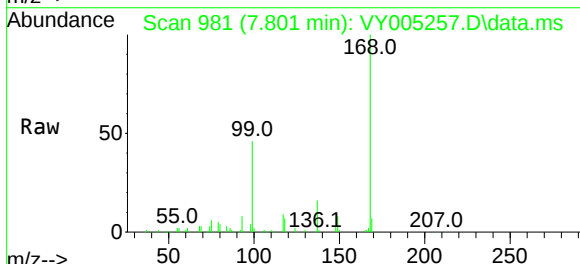
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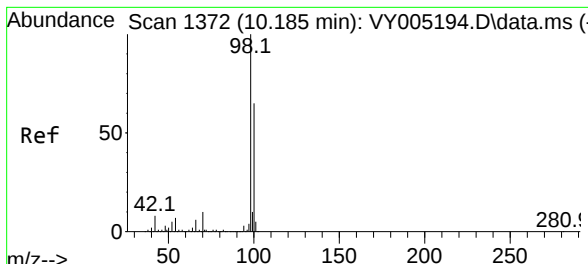
Tgt Ion: 75 Resp: 11585
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.1 57.5#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.671 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005257.D
 Acq: 28 Jun 2021 18:19

Tgt Ion: 117 Resp: 15447
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.2 114.4#
 121 0.0 24.7 37.1#

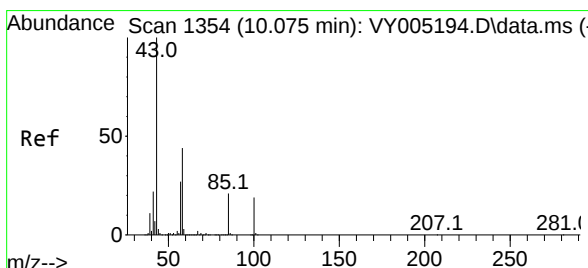
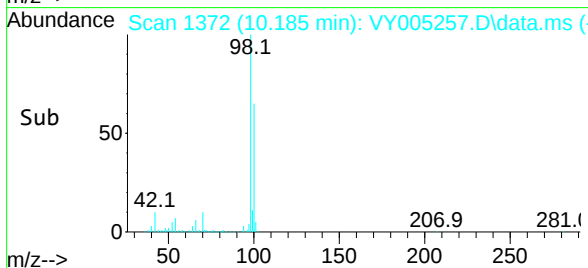
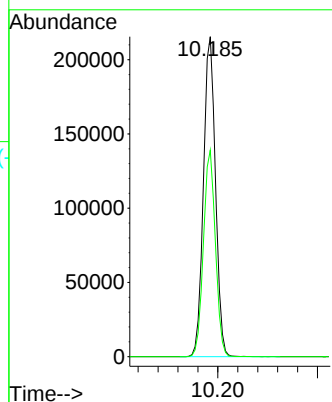
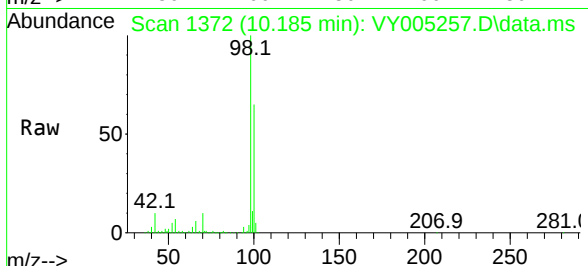




#50
Toluene-d8
Concen: 51.704 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

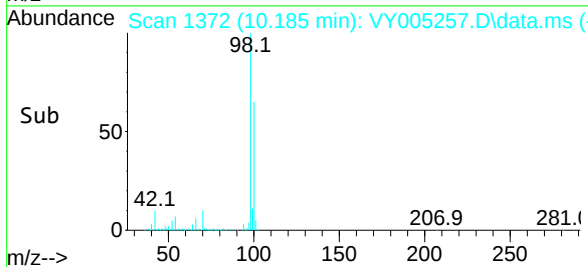
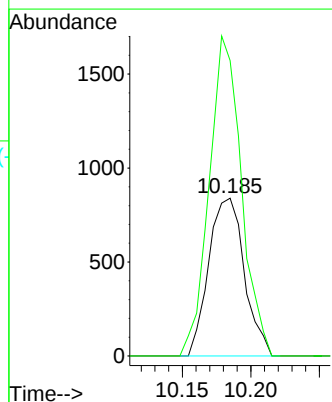
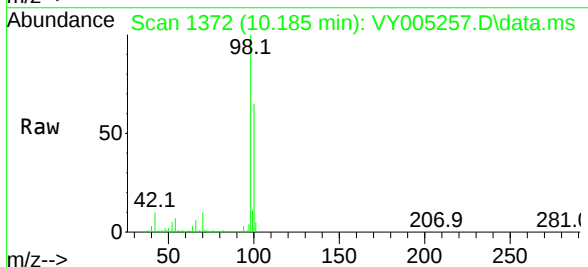
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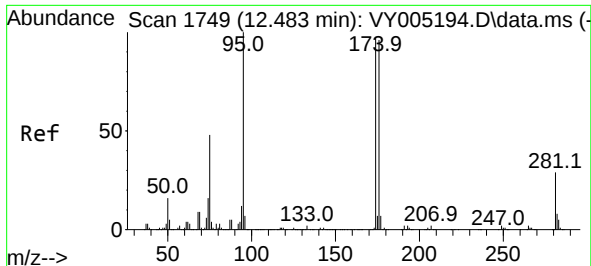
Tgt Ion: 98 Resp: 360338
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.176 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
58 183.1 35.3 52.9#

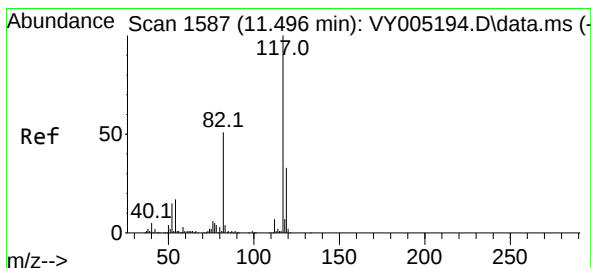
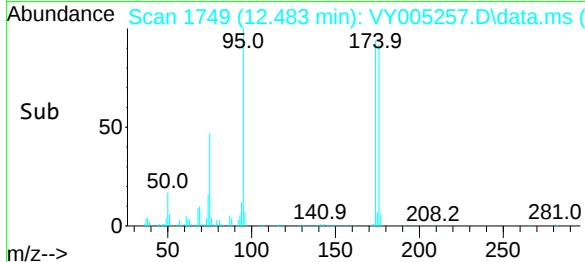
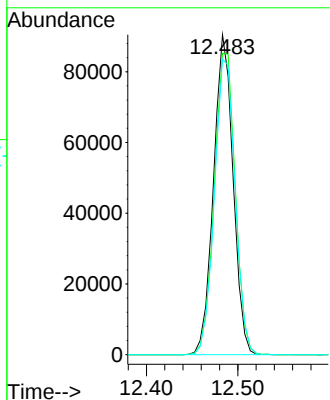
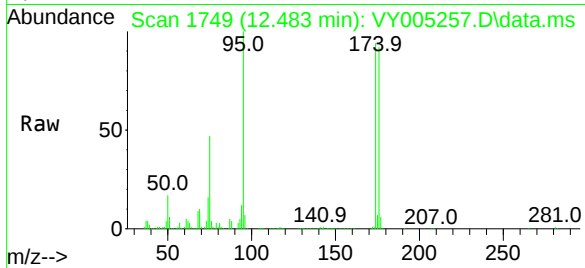




#62
4-Bromofluorobenzene
Concen: 57.881 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

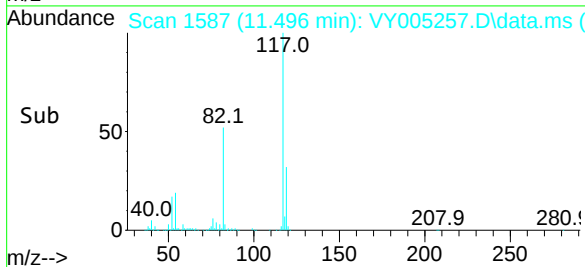
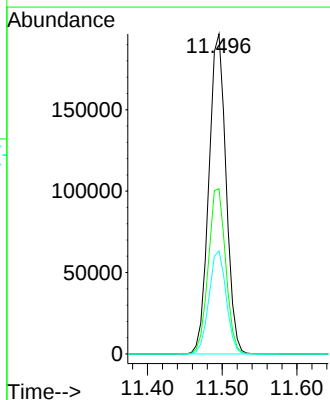
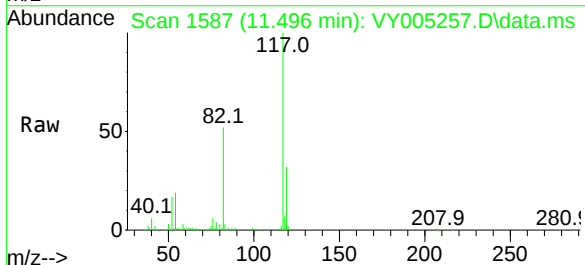
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

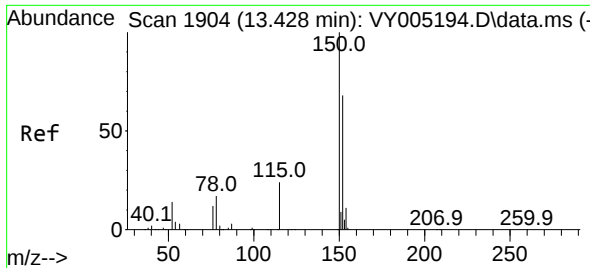
Tgt Ion: 95 Resp: 134418
Ion Ratio Lower Upper
95 100
174 101.1 0.0 201.6
176 97.7 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005257.D
Acq: 28 Jun 2021 18:19

Tgt Ion: 117 Resp: 313222
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 32.3 26.1 39.1

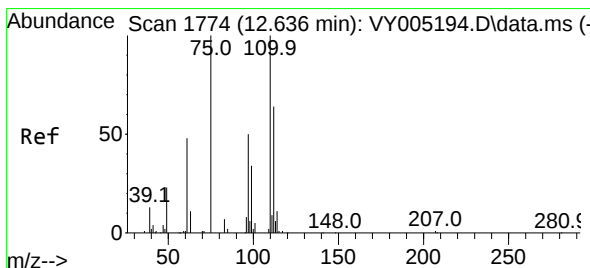
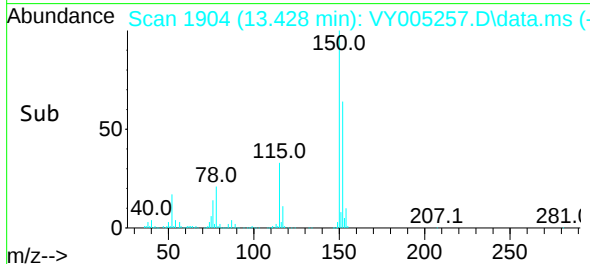
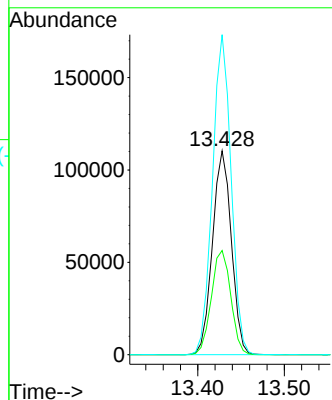
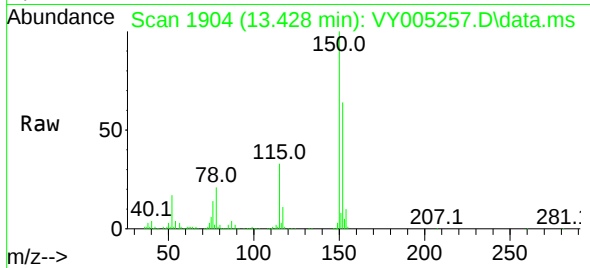




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005257.D
 Acq: 28 Jun 2021 18:19

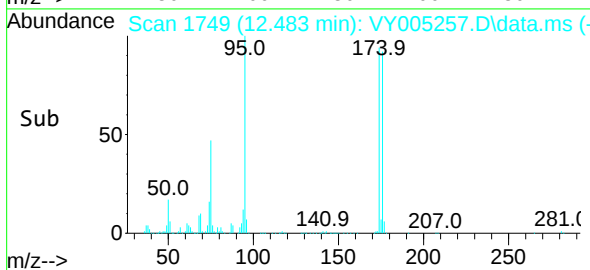
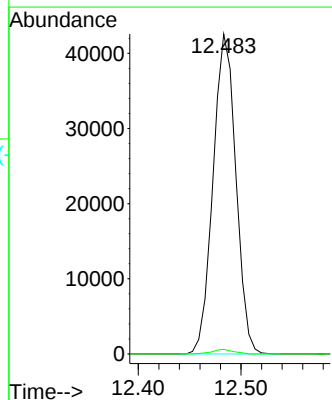
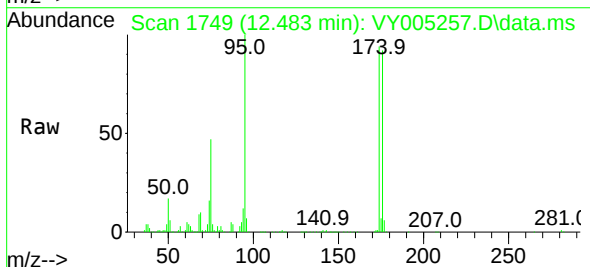
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-9.5-10.0

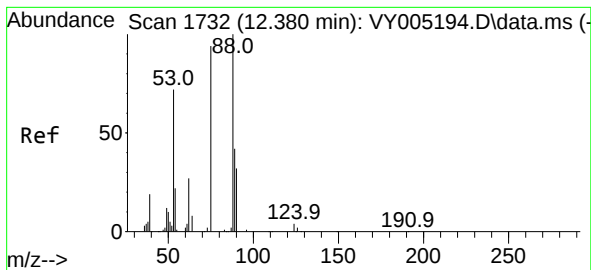
Tgt Ion:152 Resp: 167679
 Ion Ratio Lower Upper
 152 100
 115 52.4 26.3 78.8
 150 154.4 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 44.123 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005257.D
 Acq: 28 Jun 2021 18:19

Tgt Ion: 75 Resp: 65617
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.324 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005257.D
 Acq: 28 Jun 2021 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-9.5-10.0

Tgt Ion: 75 Resp: 65617
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

