

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005273.D
 Acq On : 29 Jun 2021 14:22
 Operator : SY/MD
 Sample : M2856-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Jun 30 04:00:00 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)

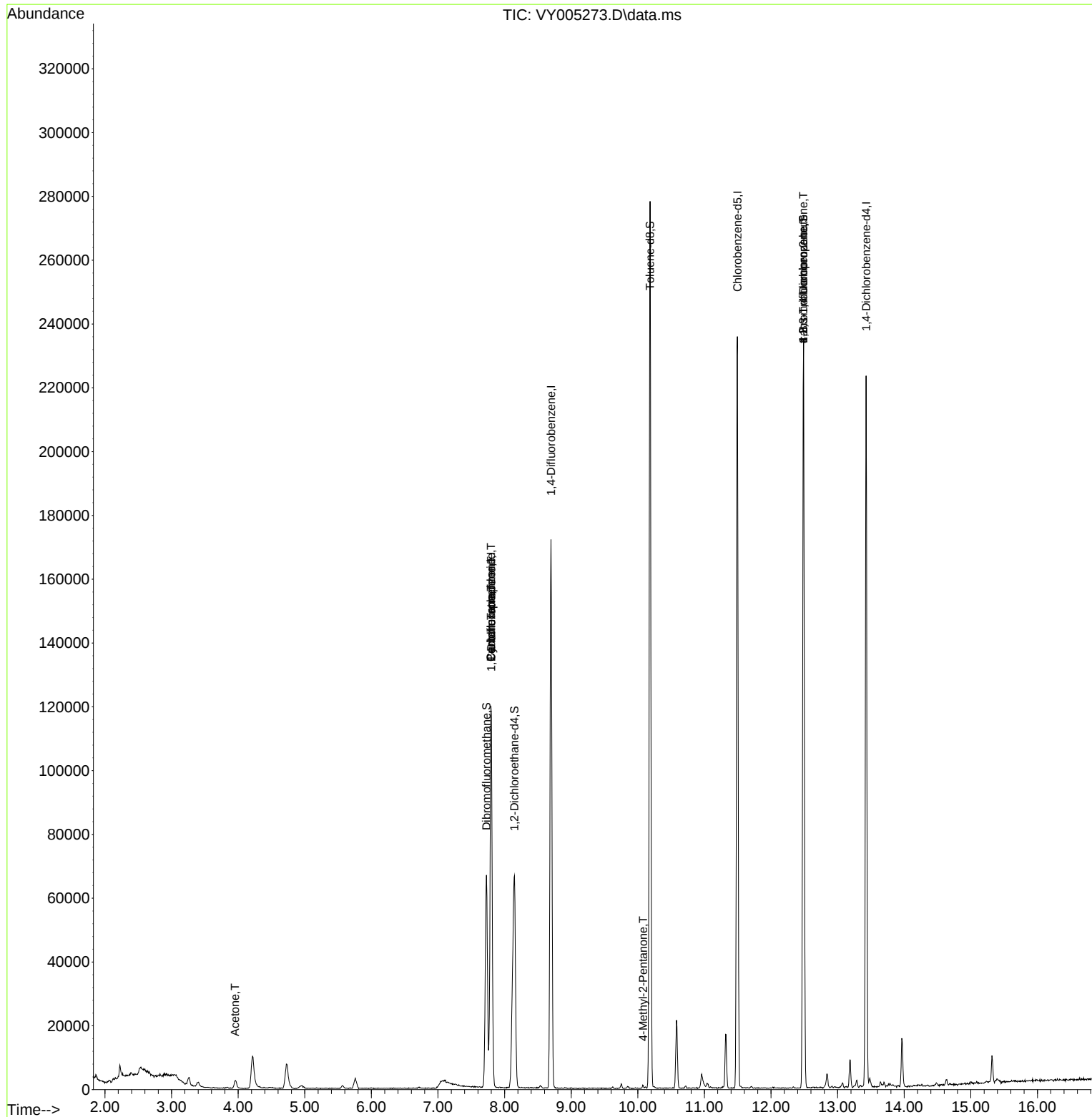
Internal Standards						
1) Pentafluorobenzene	7.795	168	100647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	136774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43123	51.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.26%	
35) Dibromofluoromethane	7.728	113	46486	52.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.68%	
50) Toluene-d8	10.185	98	180529	50.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.64%	
62) 4-Bromofluorobenzene	12.483	95	50705	42.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1033	Below Cal	#	77
16) Acetone	3.954	43	4340	22.49	ug/l	92
20) Methylene Chloride	4.728	84	5834	Below Cal		94
31) Cyclohexane	7.795	56	1629	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6601	4.98	ug/l #	47
38) Carbon Tetrachloride	7.795	117	8548	6.16	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	686	1.04	ug/l #	74
76) 1,2,3-Trichloropropane	12.483	75	26093	49.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26093	92.78	ug/l #	18

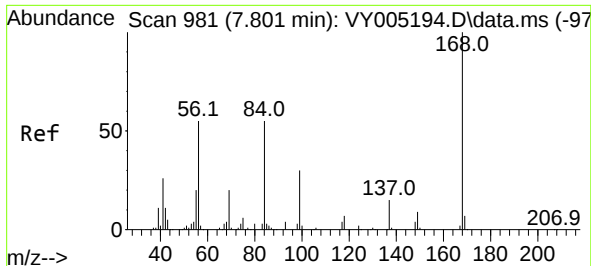
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-01-9.5-10.0

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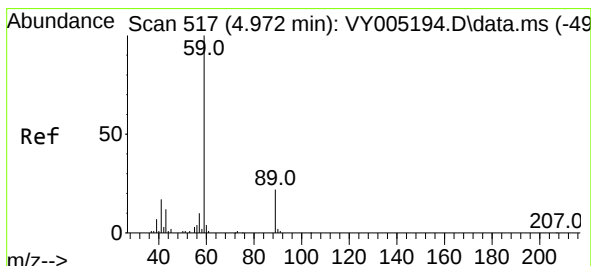
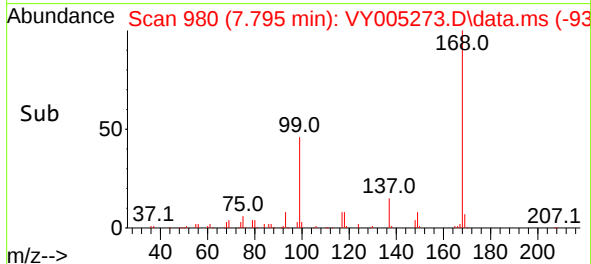
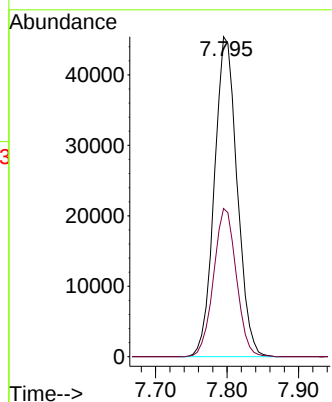
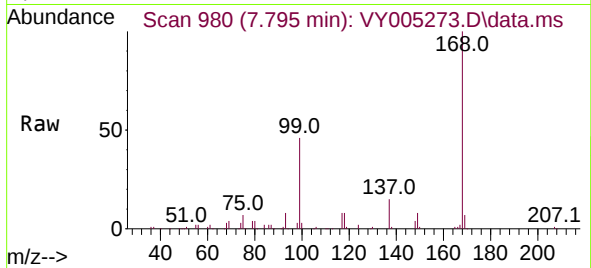




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

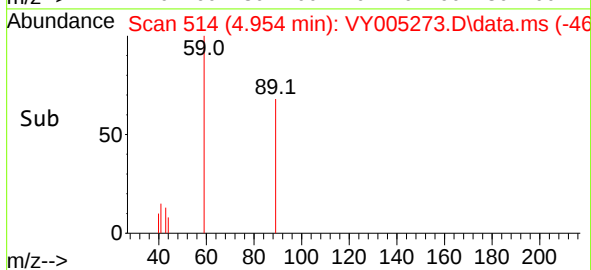
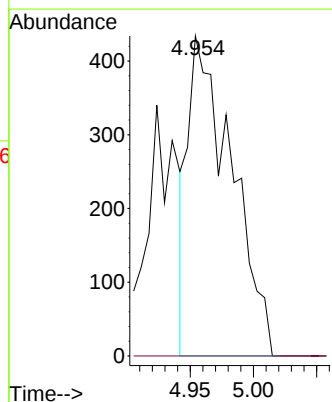
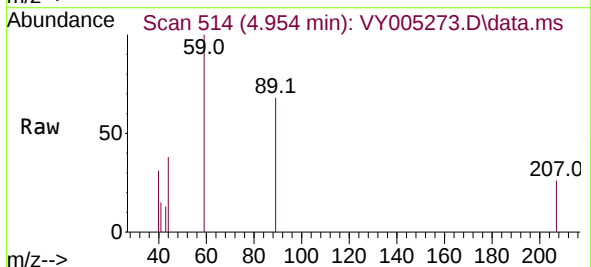
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

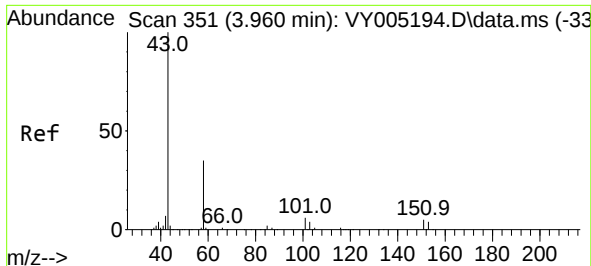
Tgt Ion:168 Resp: 100647
Ion Ratio Lower Upper
168 100
99 46.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 59 Resp: 1033
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

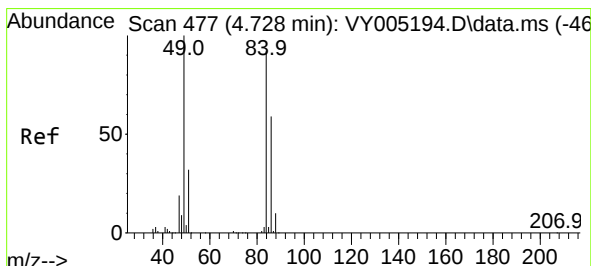
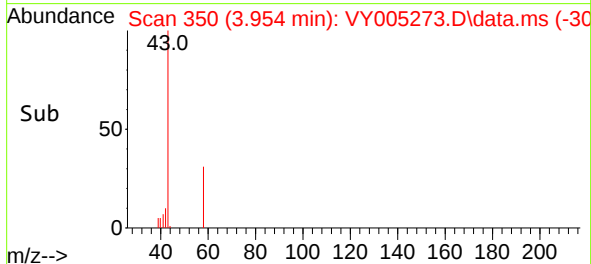
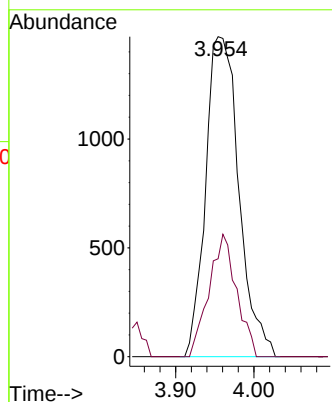
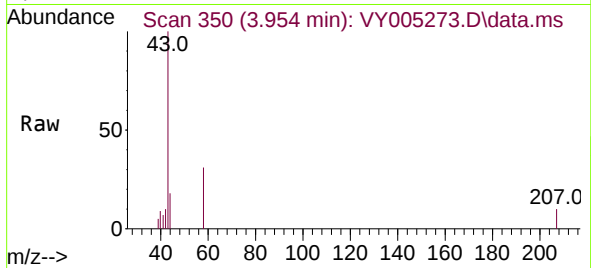




#16
Acetone
Concen: 22.49 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

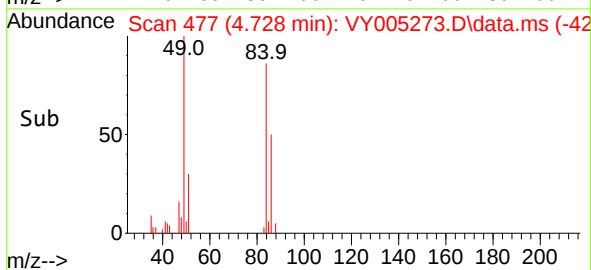
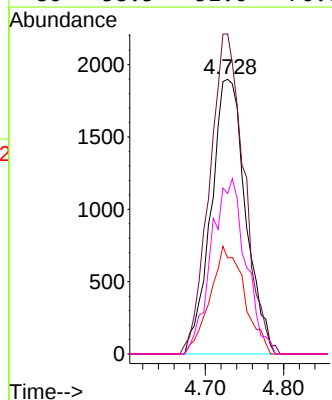
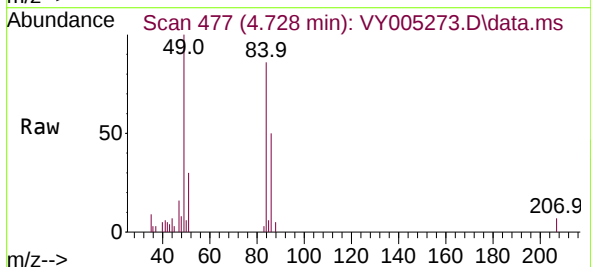
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

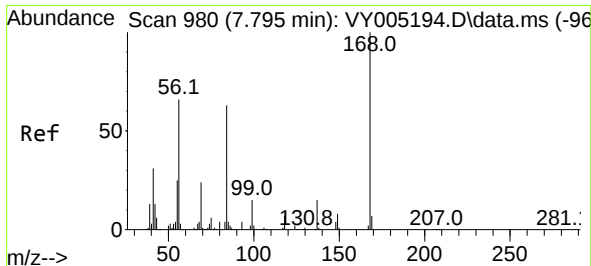
Tgt Ion: 43 Resp: 4340
Ion Ratio Lower Upper
43 100
58 30.6 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 84 Resp: 5834
Ion Ratio Lower Upper
84 100
49 116.5 86.9 130.3
51 35.0 27.4 41.2
86 58.5 51.0 76.6

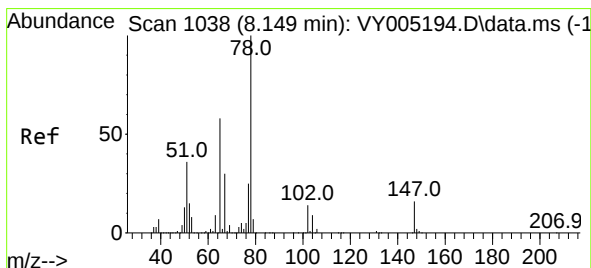
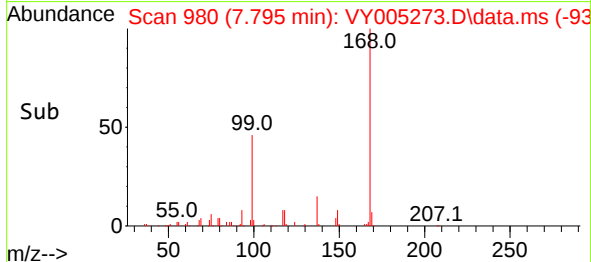
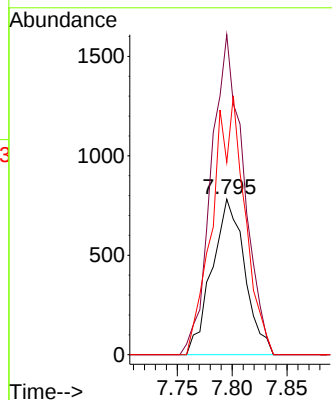
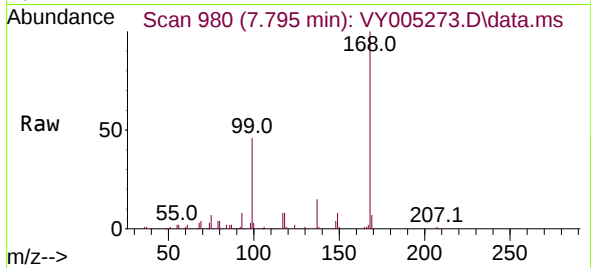




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

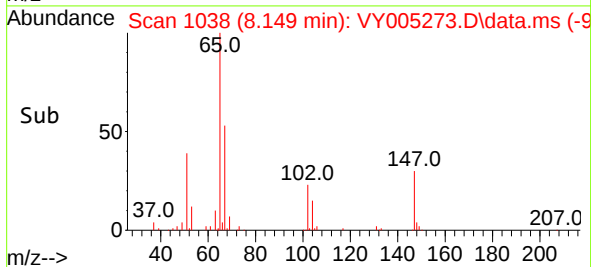
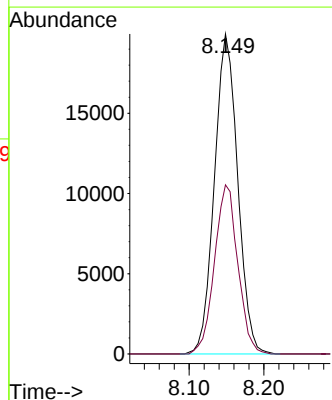
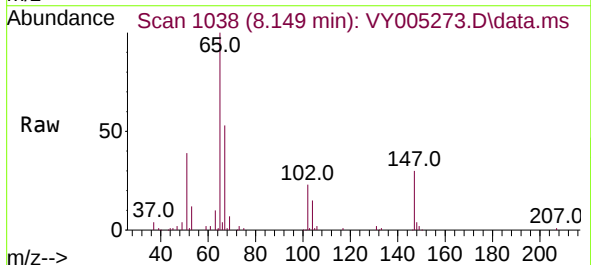
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

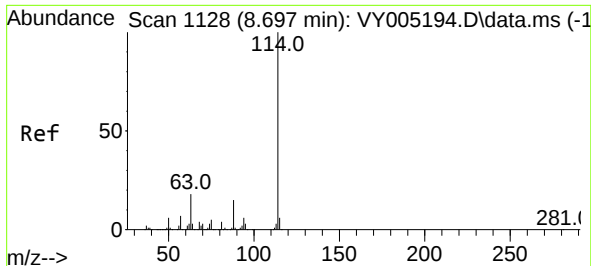
Tgt Ion: 56 Resp: 1629
Ion Ratio Lower Upper
56 100
69 205.8 29.6 44.4#
84 123.7 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 65 Resp: 43123
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6

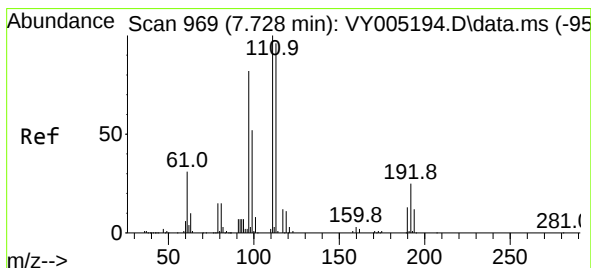
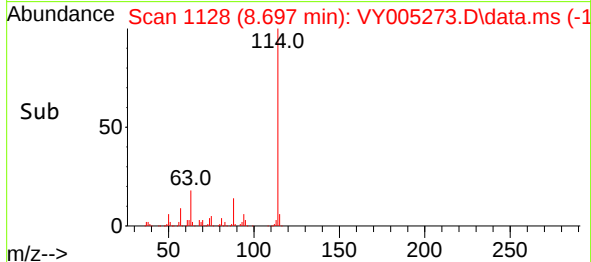
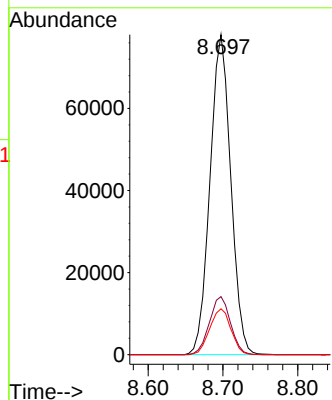
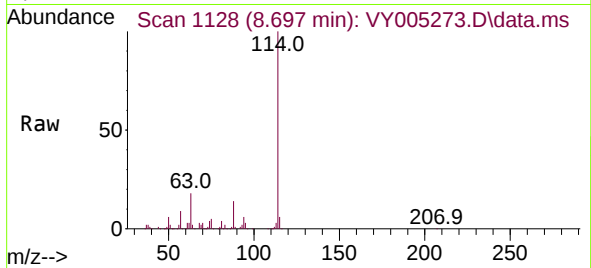




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

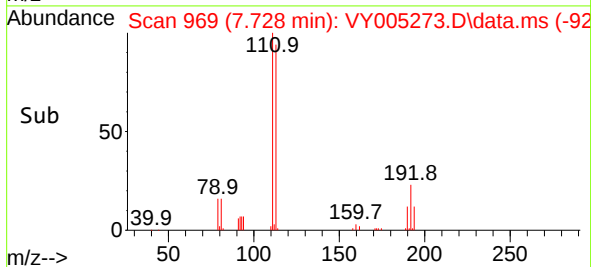
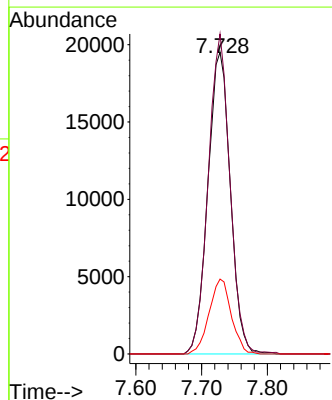
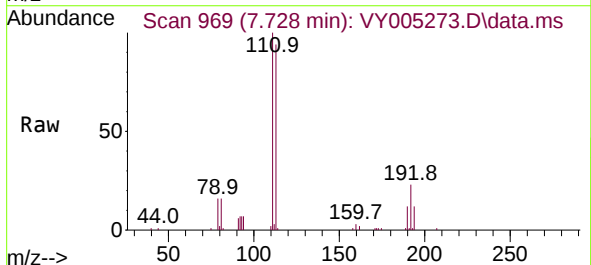
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

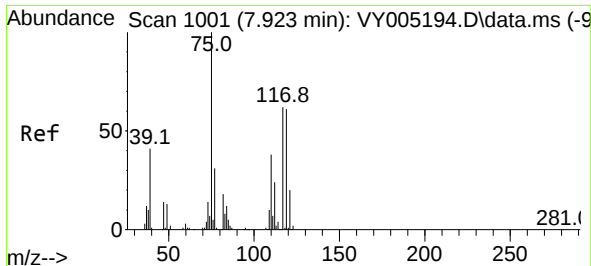
Tgt Ion:114 Resp: 150606
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion:113 Resp: 46486
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 24.4 20.2 30.2

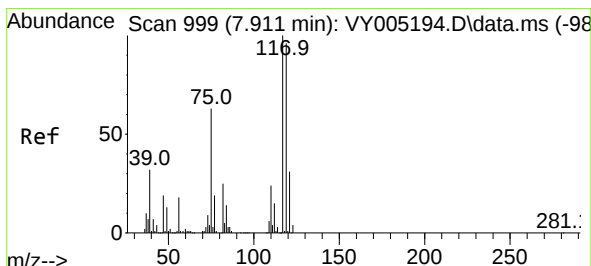
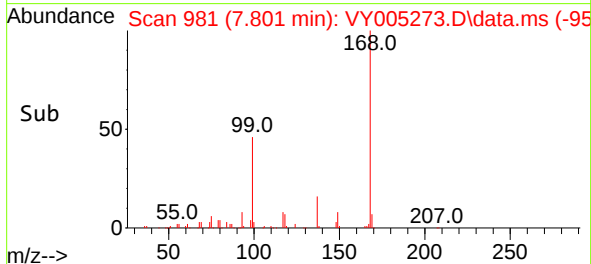
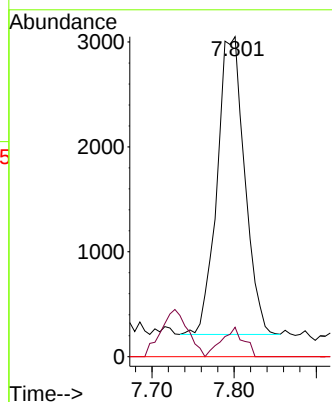
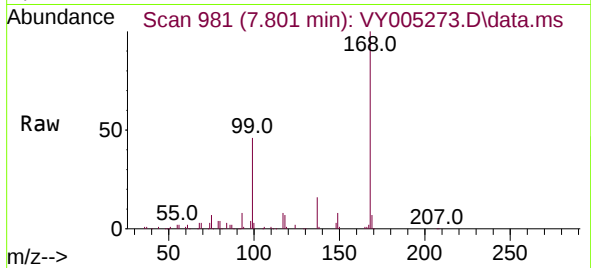




#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

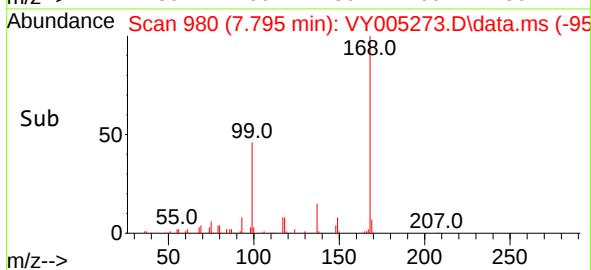
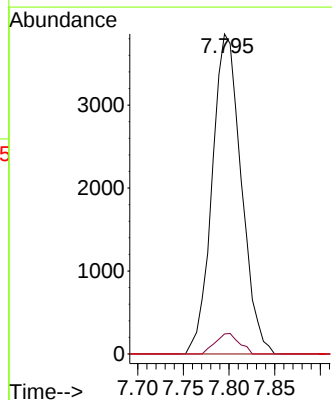
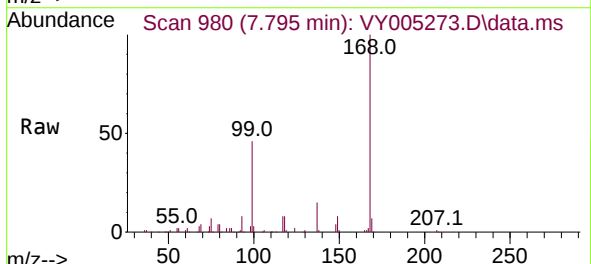
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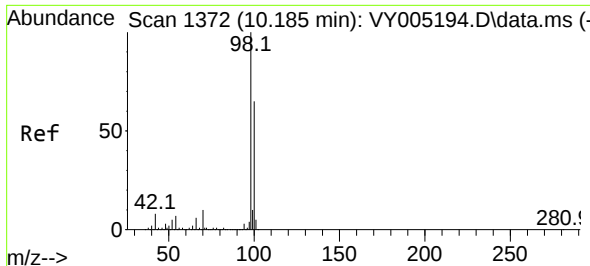
Tgt Ion: 75 Resp: 6601
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 117 Resp: 8548
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.4#
121 0.0 24.7 37.1#

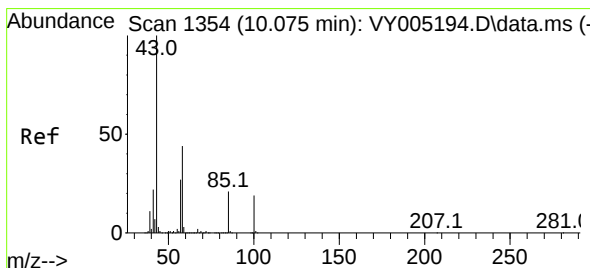
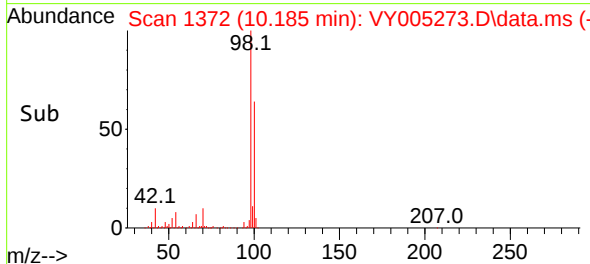
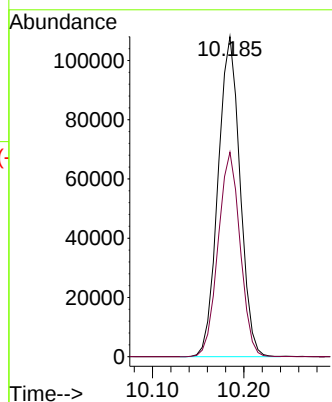
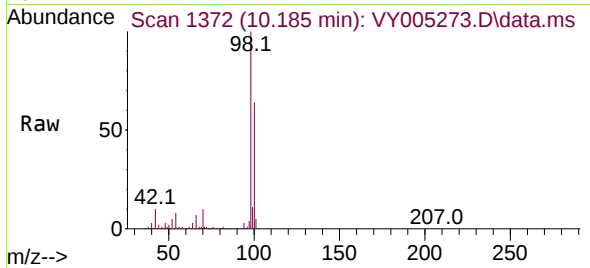




#50
Toluene-d8
Concen: 50.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

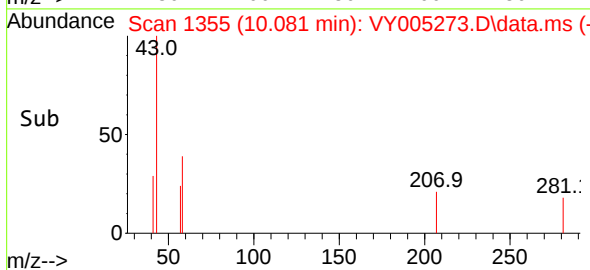
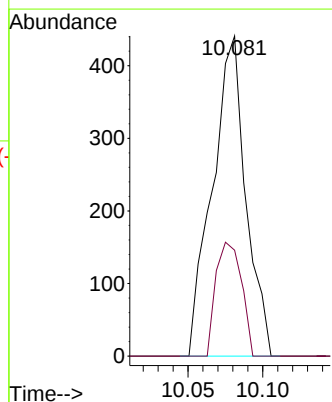
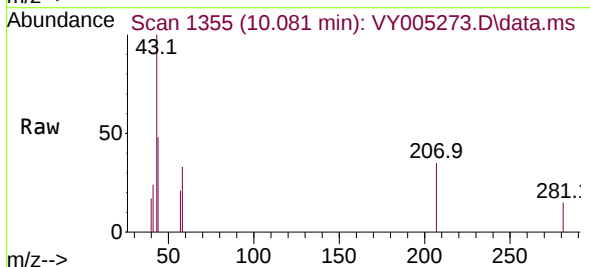
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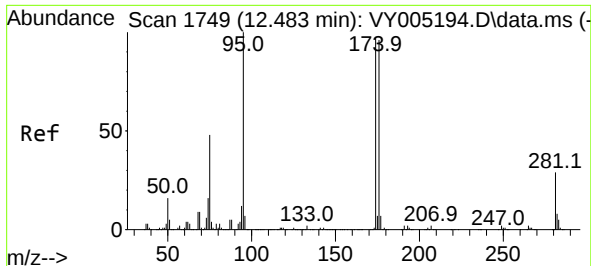
Tgt Ion: 98 Resp: 180529
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 27.3 35.3 52.9#

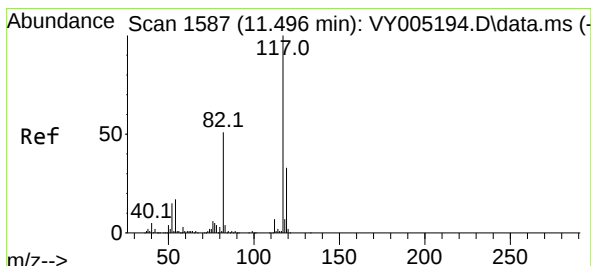
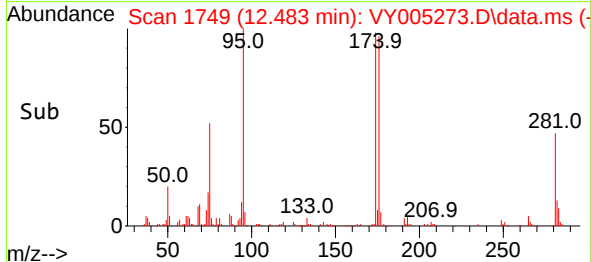
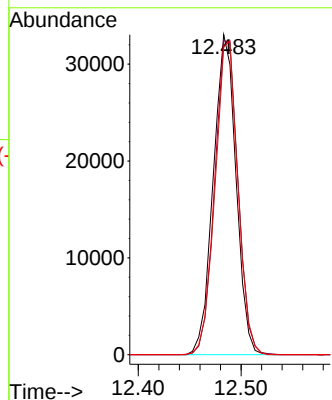
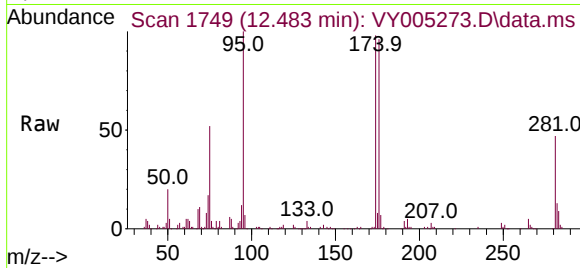




#62
4-Bromofluorobenzene
Concen: 42.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

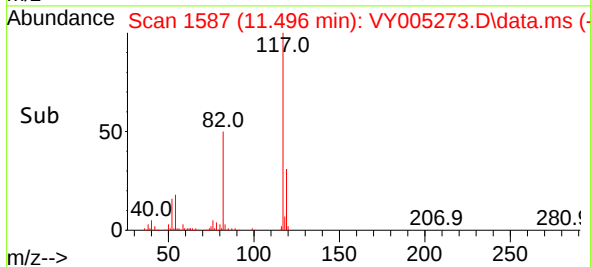
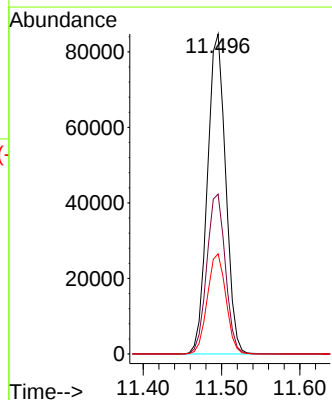
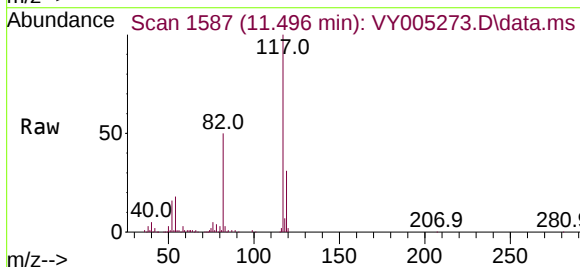
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

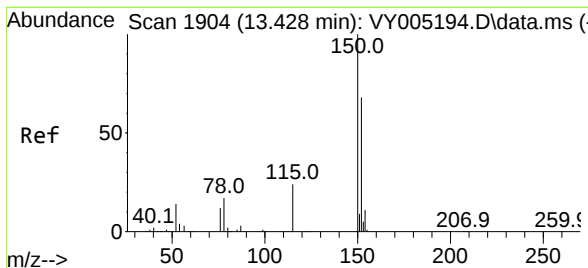
Tgt Ion: 95 Resp: 50705
Ion Ratio Lower Upper
95 100
174 100.5 0.0 201.6
176 98.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005273.D
Acq: 29 Jun 2021 14:22

Tgt Ion: 117 Resp: 136774
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 31.3 26.1 39.1

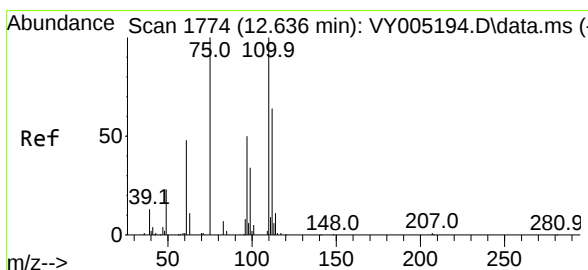
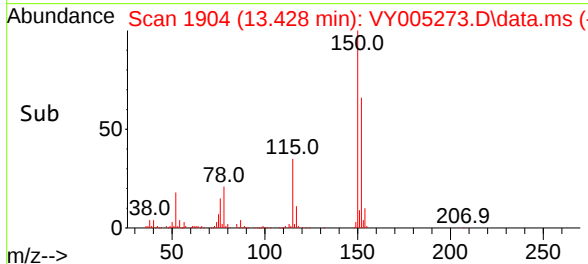
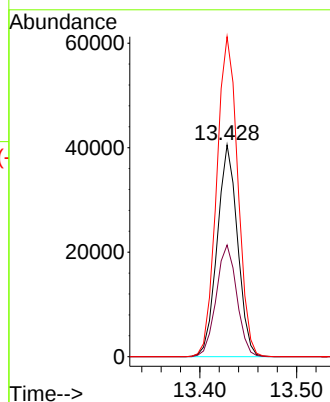
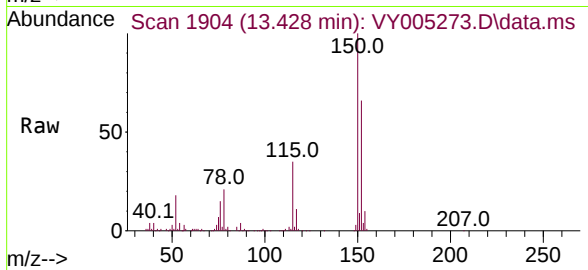




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005273.D
 Acq: 29 Jun 2021 14:22

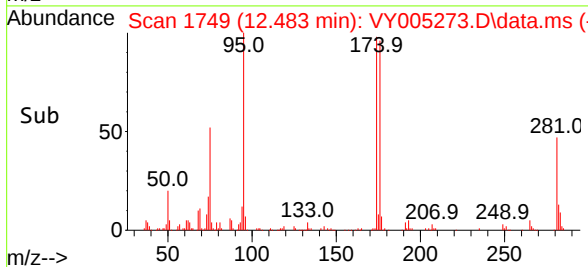
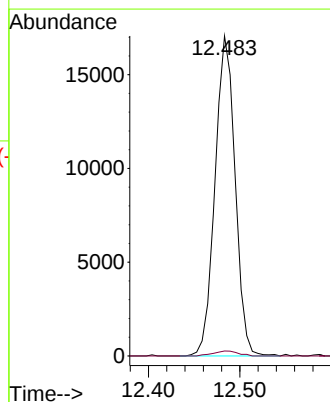
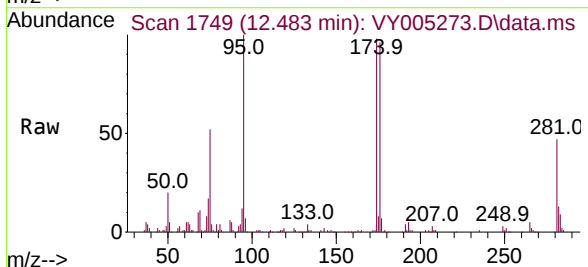
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

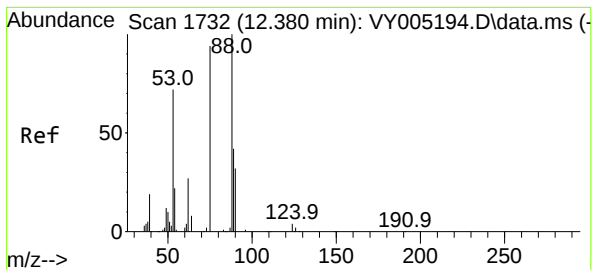
Tgt Ion:152 Resp: 59166
 Ion Ratio Lower Upper
 152 100
 115 53.4 26.3 78.8
 150 156.7 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 49.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005273.D
 Acq: 29 Jun 2021 14:22

Tgt Ion: 75 Resp: 26093
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005273.D
 Acq: 29 Jun 2021 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Tgt Ion: 75 Resp: 26093
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 0.5 38.0 57.0#

