

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005228.D
 Acq On : 25 Jun 2021 16:04
 Operator : SY/MD
 Sample : M2846-01
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-4-FEET-TP

Quant Time: Jun 26 05:12:36 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)

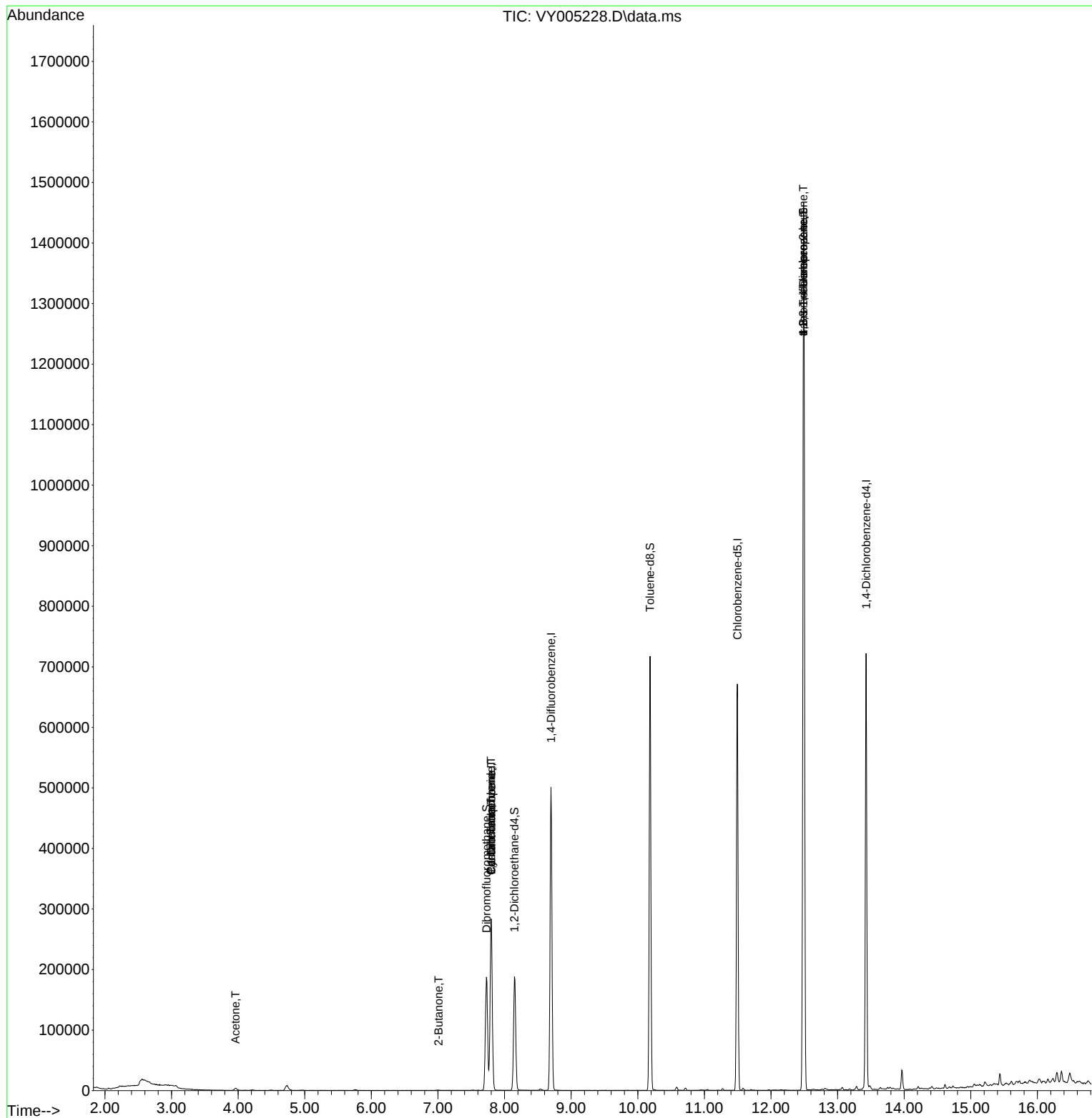
Internal Standards						
1) Pentafluorobenzene	7.801	168	244639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	443430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	382249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148331	73.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.120%	
35) Dibromofluoromethane	7.728	113	131910	50.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.185	98	468279	44.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.560%	
62) 4-Bromofluorobenzene	12.483	95	171013	49.072	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	444	Below Cal	#	77
16) Acetone	3.960	43	6301	13.435	ug/l	100
20) Methylene Chloride	4.735	84	6404	Below Cal		95
25) 2-Butanone	7.009	43	1205	1.762	ug/l	97
31) Cyclohexane	7.795	56	4322	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15672	4.014	ug/l #	47
38) Carbon Tetrachloride	7.795	117	20514	5.019	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	89348	53.137	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	89348	99.141	ug/l #	19

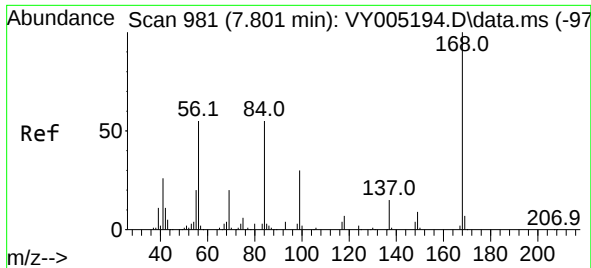
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1-4-FEET-TP

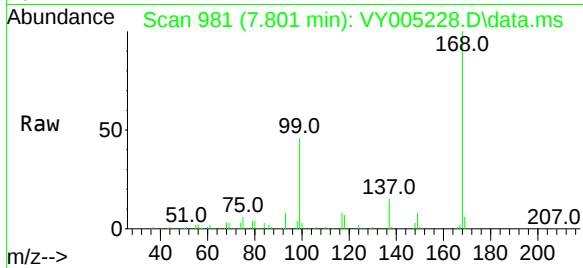
Quant Time: Jun 26 05:12:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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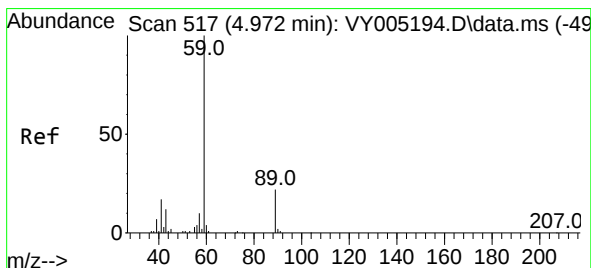
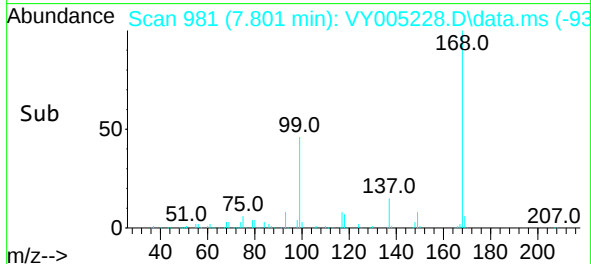
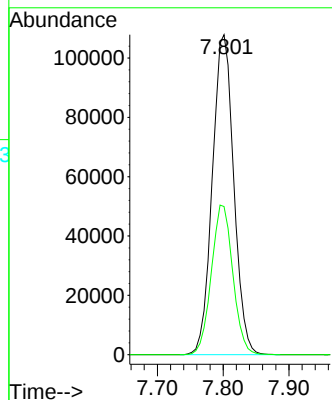


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Instrument :
MSVOA_Y
ClientSampleId :
1-4-FEET-TP

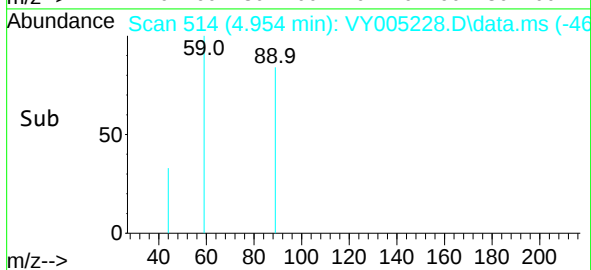
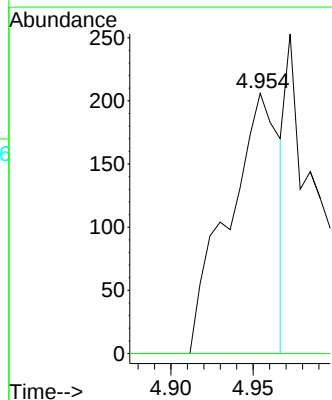
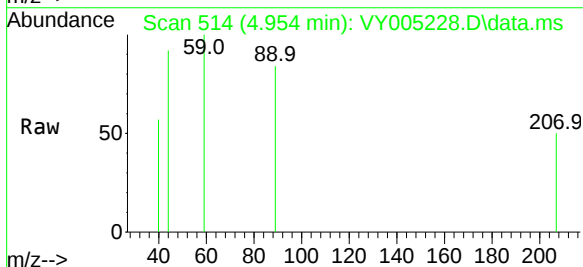


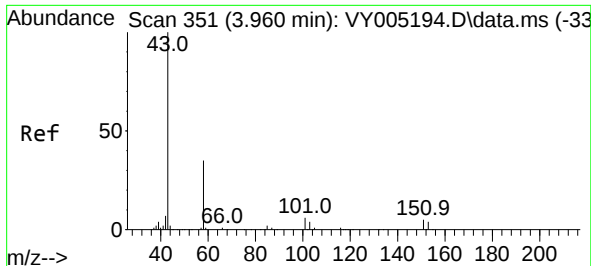
Tgt Ion:168 Resp: 244639
Ion Ratio Lower Upper
168 100
99 46.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

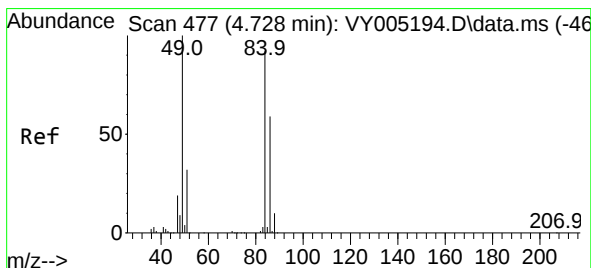
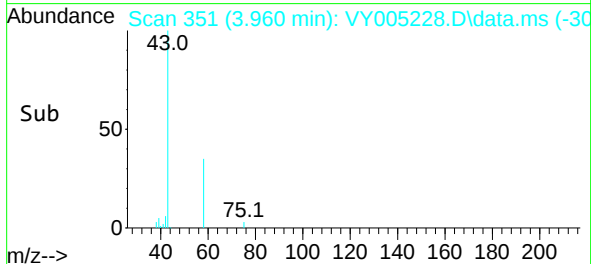
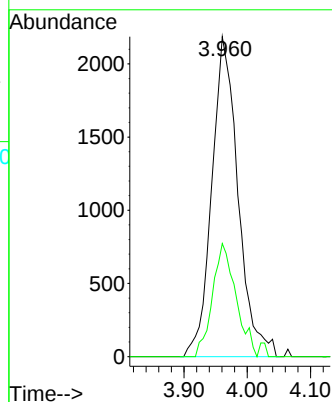
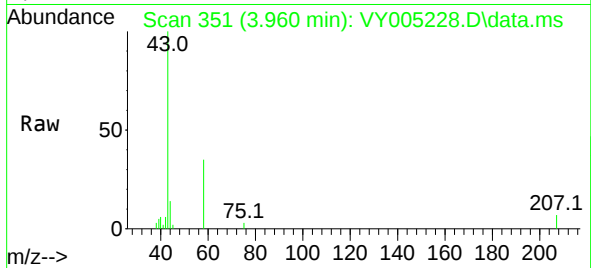




#16
Acetone
Concen: 13.435 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

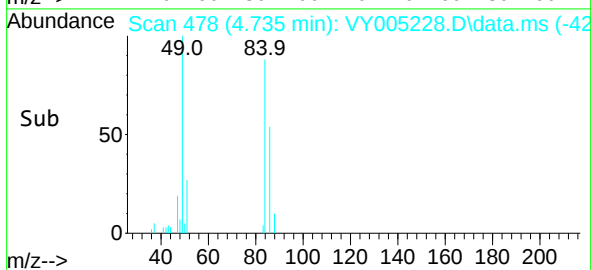
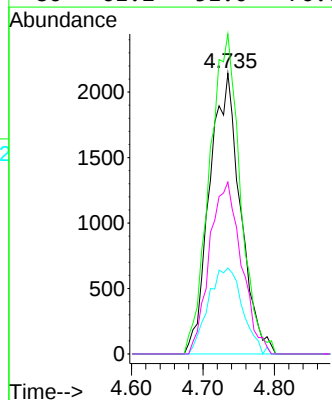
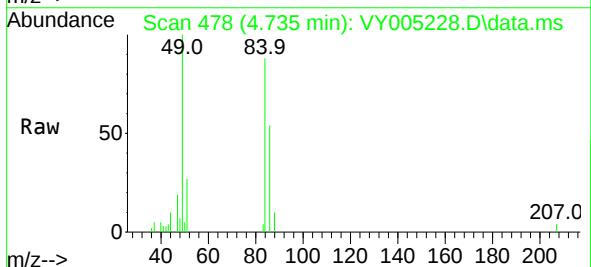
Instrument :
MSVOA_Y
ClientSampled :
1-4-FEET-TP

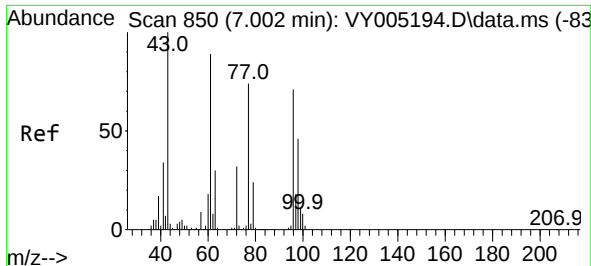
Tgt Ion: 43 Resp: 6301
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Tgt Ion: 84 Resp: 6404
Ion Ratio Lower Upper
84 100
49 114.0 86.9 130.3
51 30.6 27.4 41.2
86 61.2 51.0 76.6

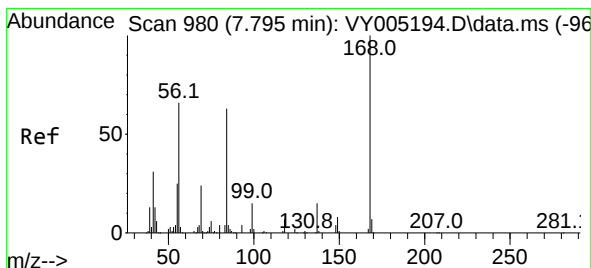
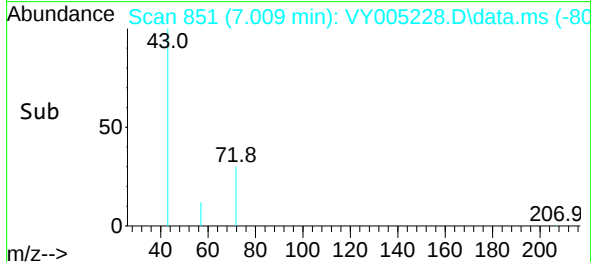
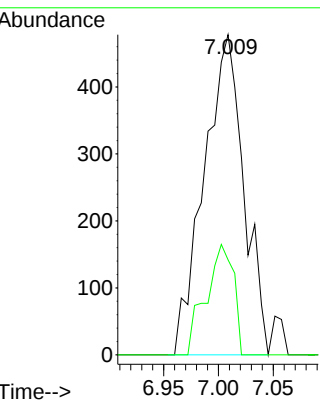
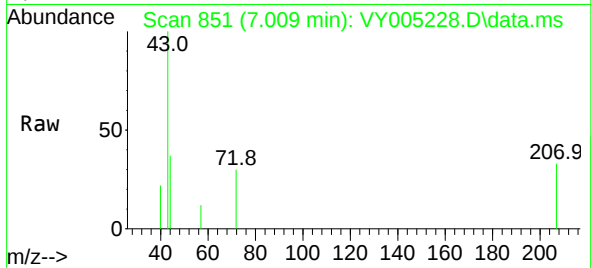




#25
2-Butanone
Concen: 1.762 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

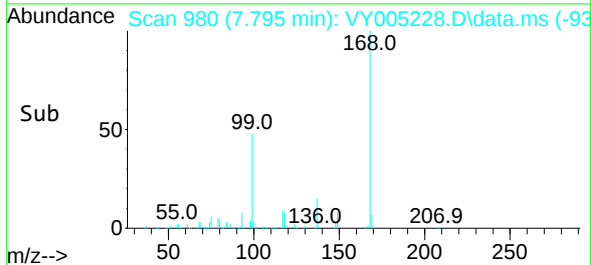
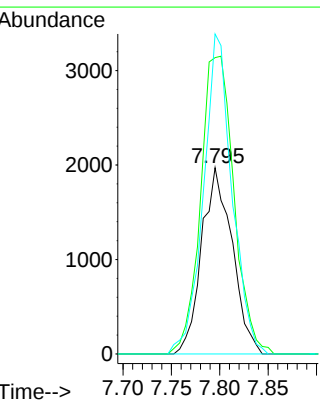
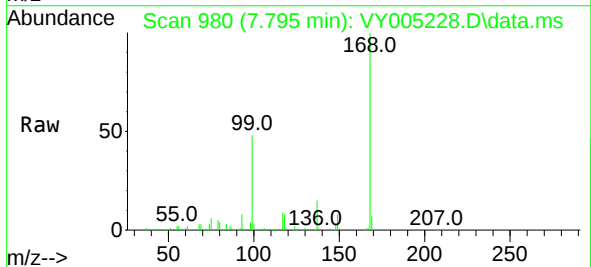
Instrument :
MSVOA_Y
ClientSampleId :
1-4-FEET-TP

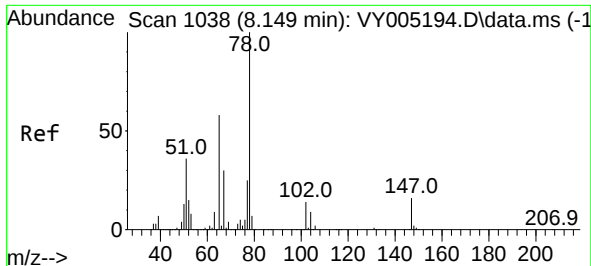
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
72 29.7 25.3 37.9



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Tgt Ion: 56 Resp: 4322
Ion Ratio Lower Upper
56 100
69 159.1 29.6 44.4#
84 171.8 76.4 114.6#

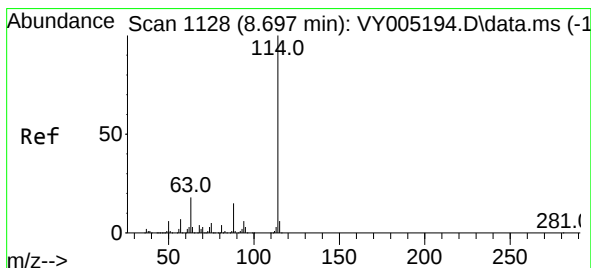
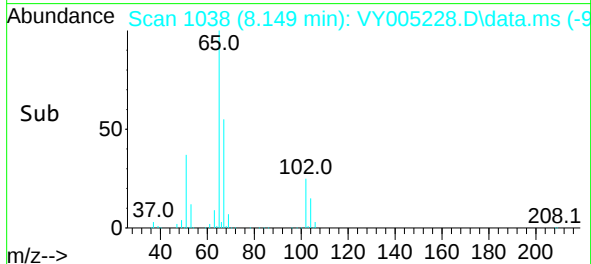
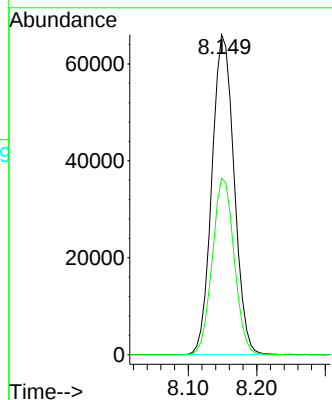
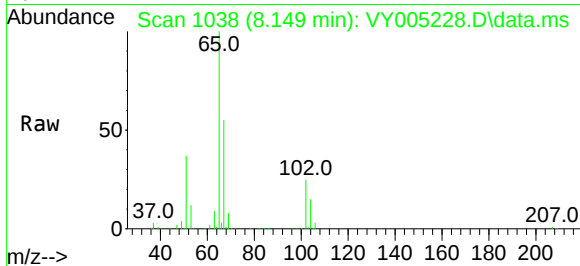




#33
 1,2-Dichloroethane-d4
 Concen: 73.064 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005228.D
 Acq: 25 Jun 2021 16:04

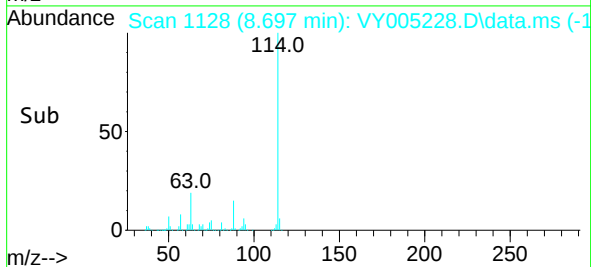
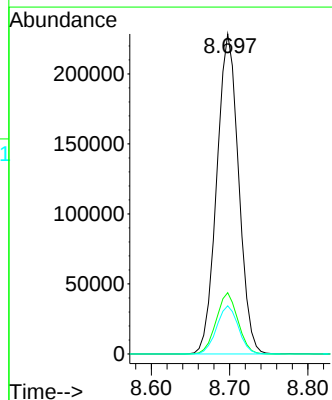
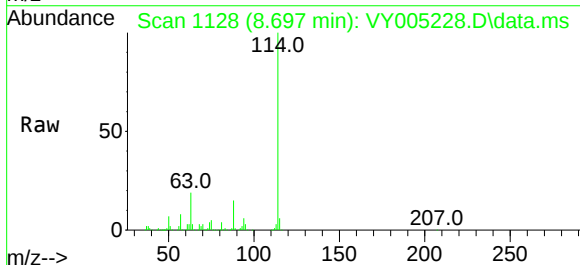
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-4-FEET-TP

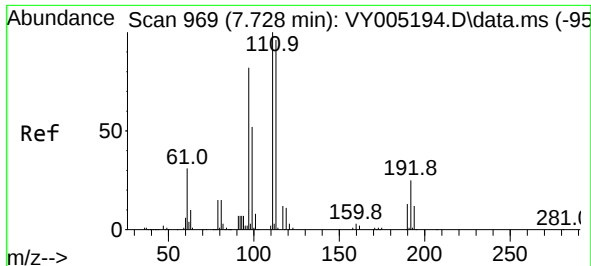
Tgt Ion: 65 Resp: 148331
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005228.D
 Acq: 25 Jun 2021 16:04

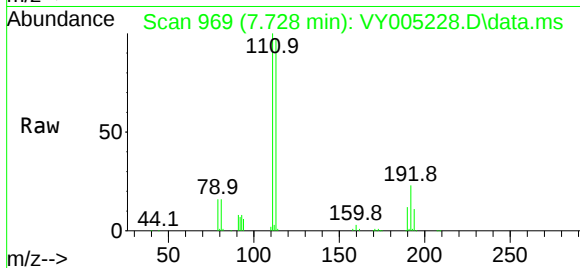
Tgt Ion: 114 Resp: 443430
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.2
 88 15.1 0.0 29.4



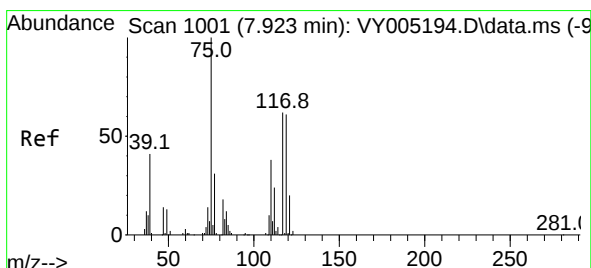
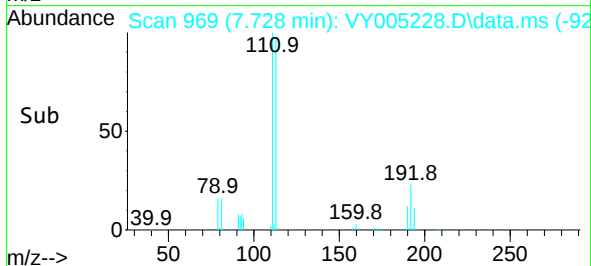
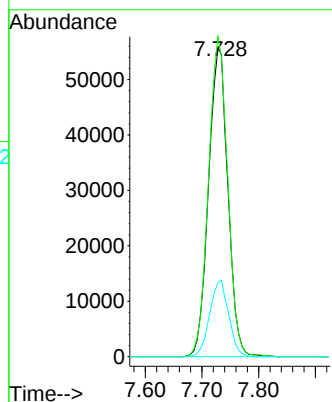


#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

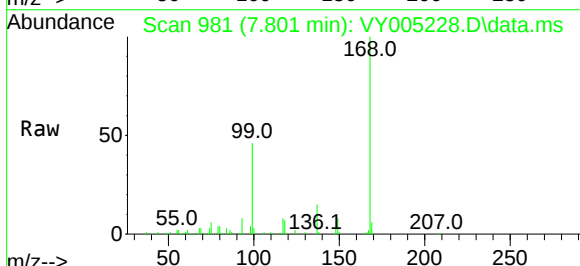
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MSVOA_Y
ClientSampleId :
1-4-FEET-TP



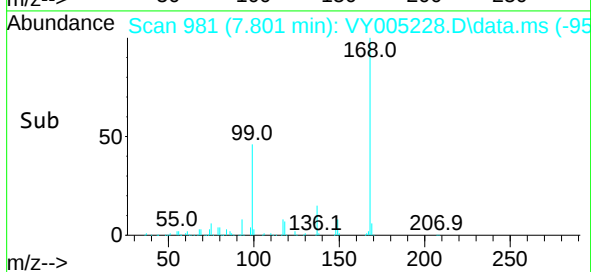
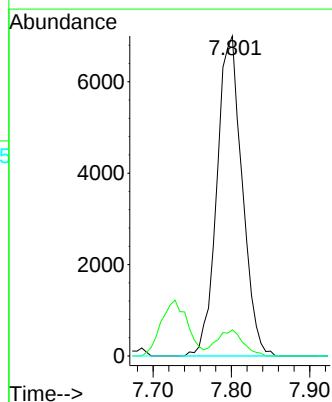
Tgt Ion:113 Resp: 131910
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 24.2 20.2 30.2

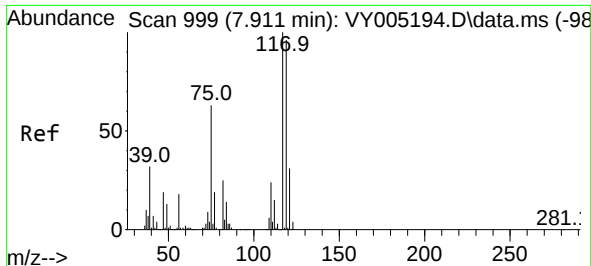


#36
1,1-Dichloropropene
Concen: 4.014 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04



Tgt Ion: 75 Resp: 15672
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#

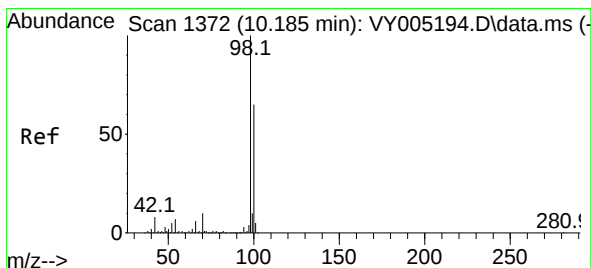
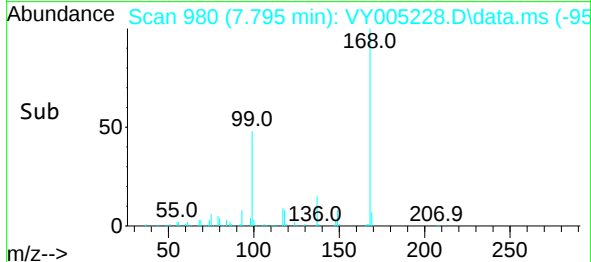
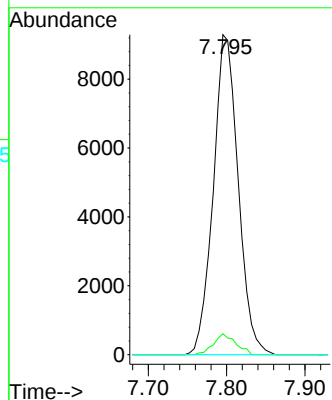
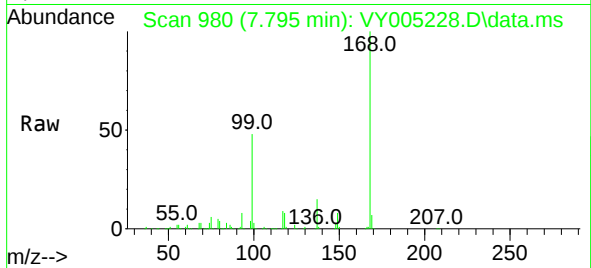




#38
Carbon Tetrachloride
Concen: 5.019 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

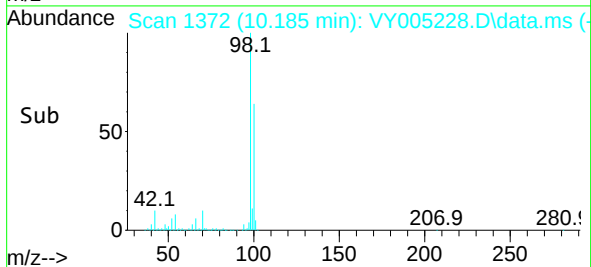
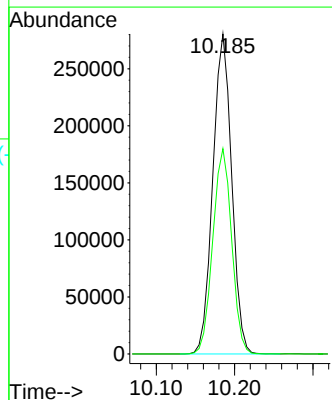
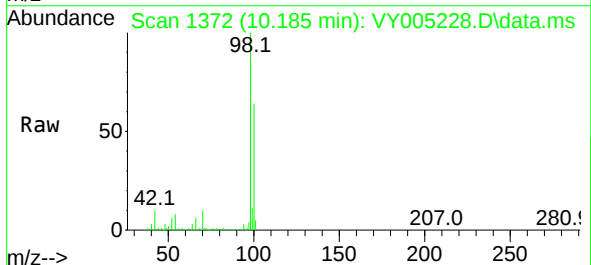
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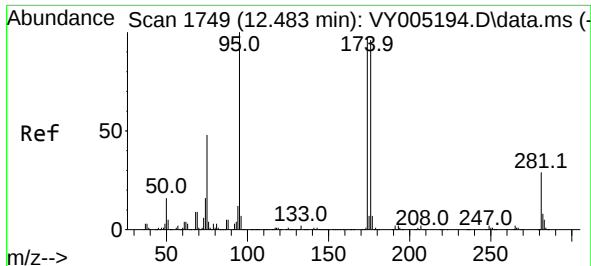
Tgt Ion:117 Resp: 20514
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 44.776 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Tgt Ion: 98 Resp: 468279
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

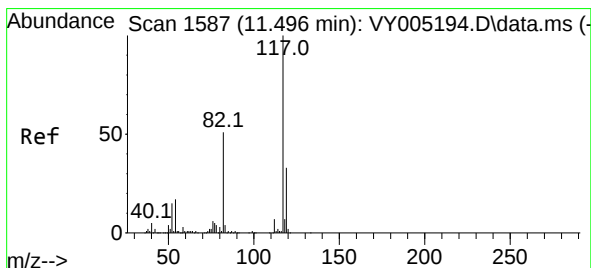
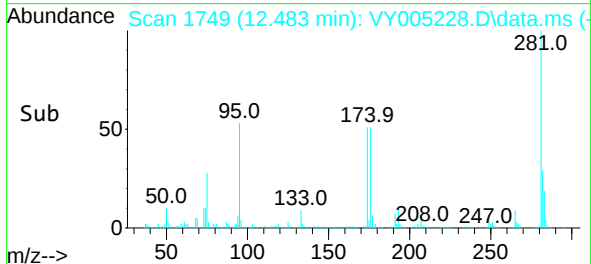
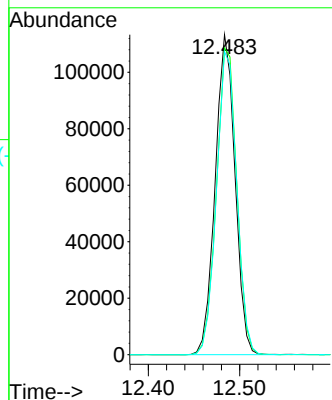
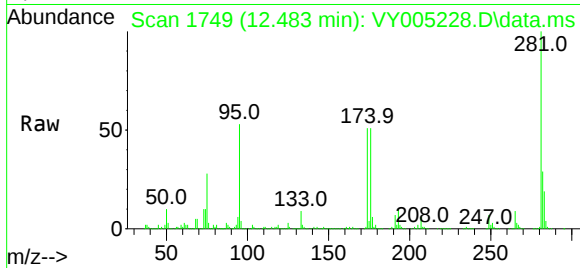




#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

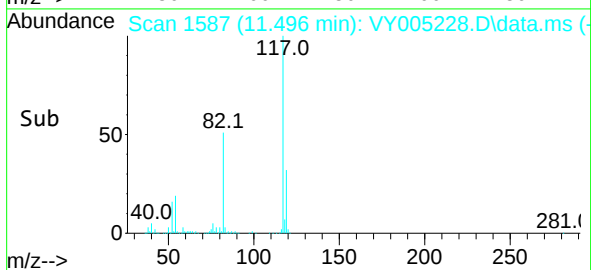
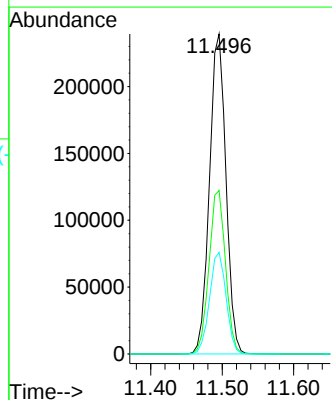
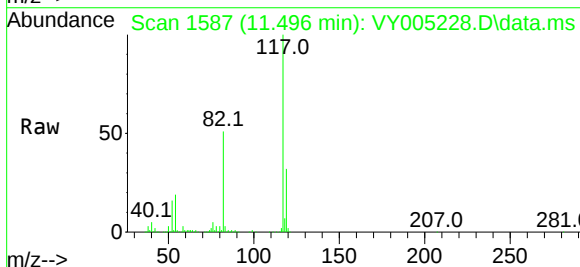
Instrument :
MSVOA_Y
ClientSampleId :
1-4-FEET-TP

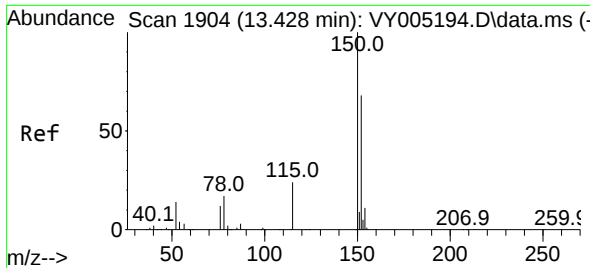
Tgt Ion: 95 Resp: 171013
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.6
176 96.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005228.D
Acq: 25 Jun 2021 16:04

Tgt Ion: 117 Resp: 382249
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 31.7 26.1 39.1

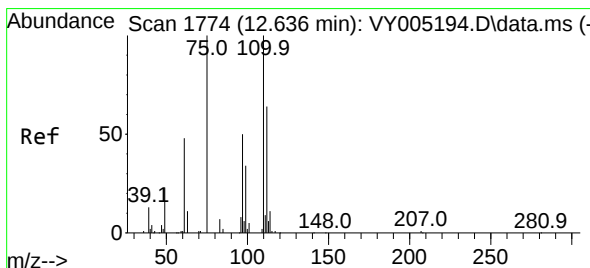
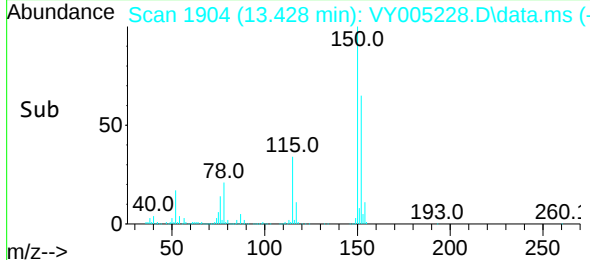
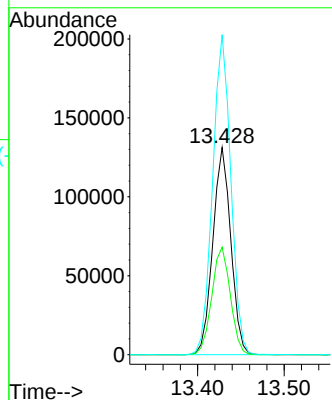
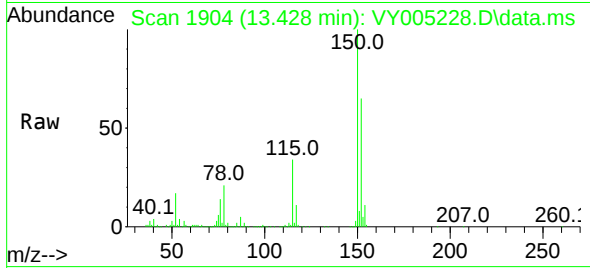




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005228.D
 Acq: 25 Jun 2021 16:04

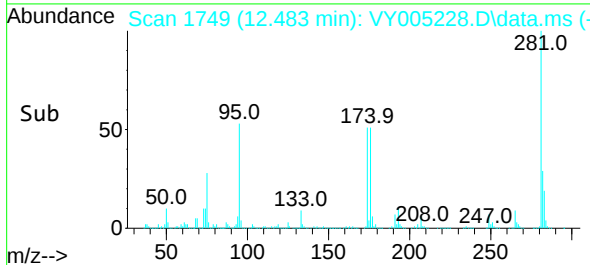
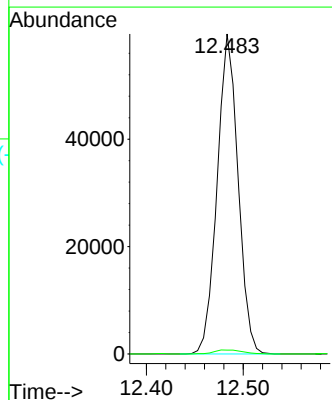
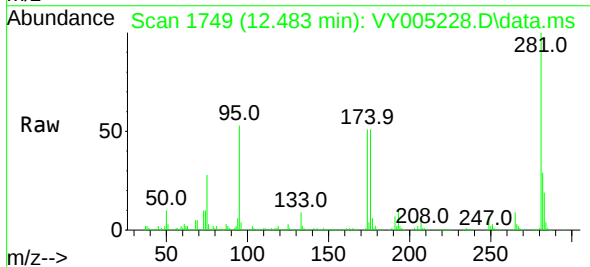
Instrument :
 MSVOA_Y
 ClientSampled :
 1-4-FEET-TP

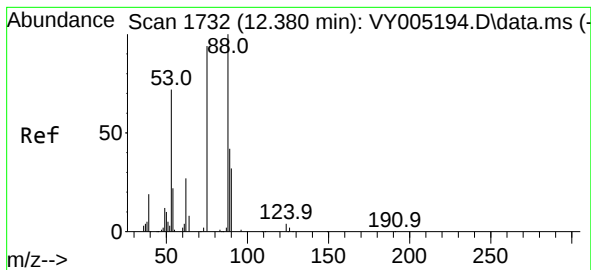
Tgt Ion:152 Resp: 189592
 Ion Ratio Lower Upper
 152 100
 115 53.3 26.3 78.8
 150 156.0 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 53.137 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005228.D
 Acq: 25 Jun 2021 16:04

Tgt Ion: 75 Resp: 89348
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.141 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005228.D
 Acq: 25 Jun 2021 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-4-FEET-TP

Tgt Ion: 75 Resp: 89348
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 2.6 38.0 57.0#

