

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005476.D
 Acq On : 27 Jul 2021 19:43
 Operator : SY/MD
 Sample : M3165-03
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:36:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

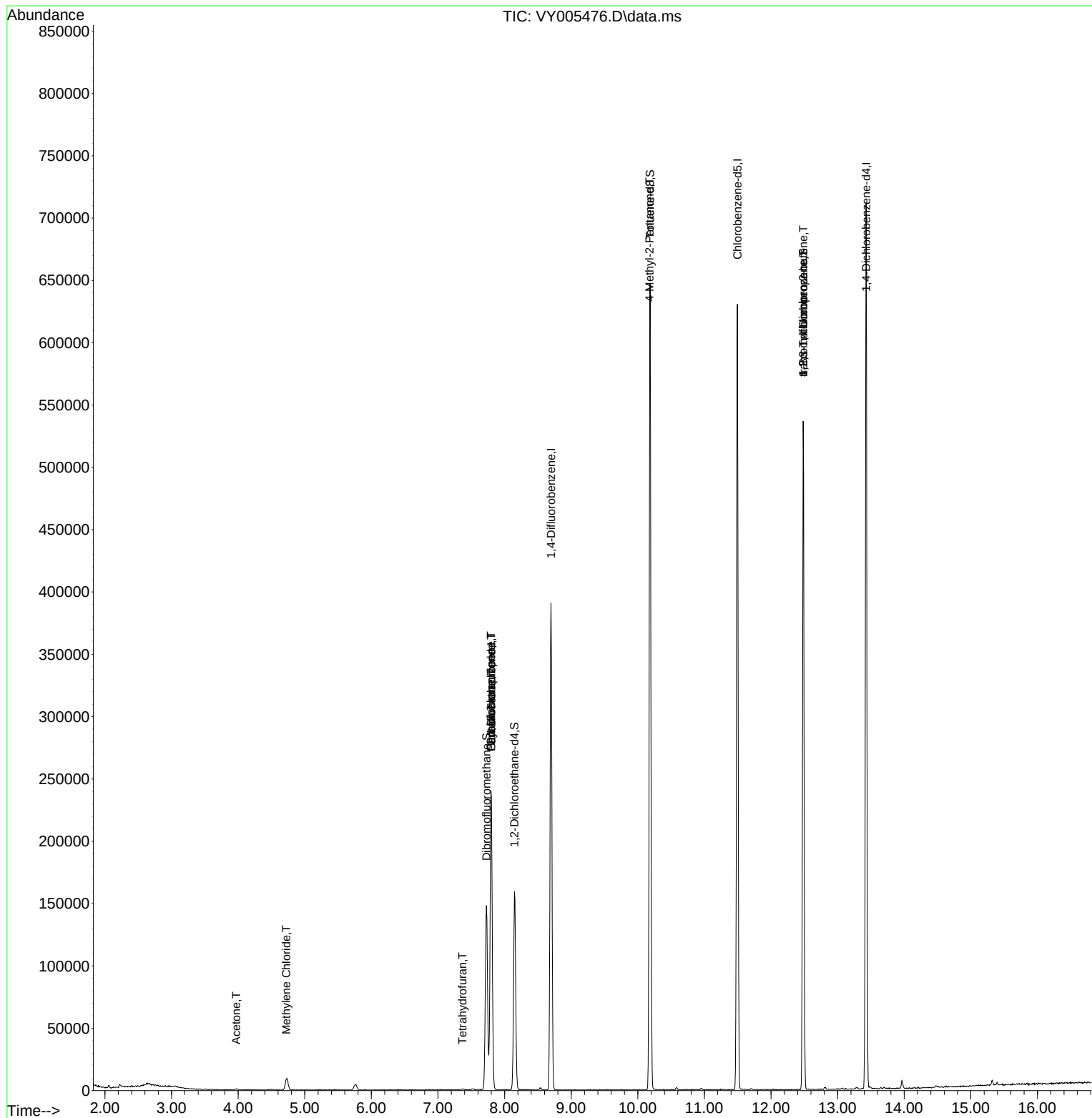
Internal Standards						
1) Pentafluorobenzene	7.801	168	194326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	324450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	335983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130180	62.705	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 125.420%		
35) Dibromofluoromethane	7.728	113	100491	53.641	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.280%		
50) Toluene-d8	10.185	98	419259	52.802	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.600%		
62) 4-Bromofluorobenzene	12.483	95	151186	57.691	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 115.380%		
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	1796	3.788	ug/l	90
20) Methylene Chloride	4.722	84	7078	1.526	ug/l	97
29) Tetrahydrofuran	7.368	42	672	1.429	ug/l #	67
31) Cyclohexane	7.795	56	3654	1.031	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	14392	4.588	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17314	5.051	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1892	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83137	47.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83137	91.495	ug/l #	11

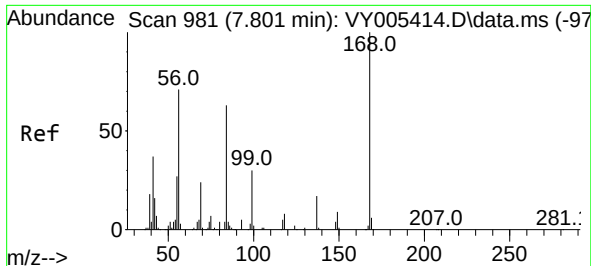
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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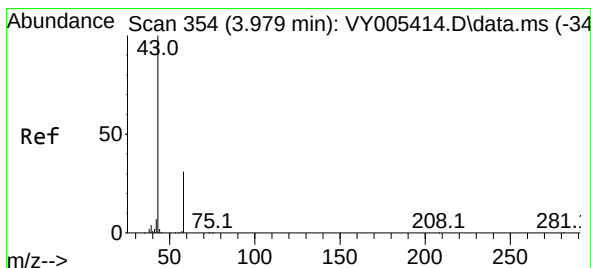
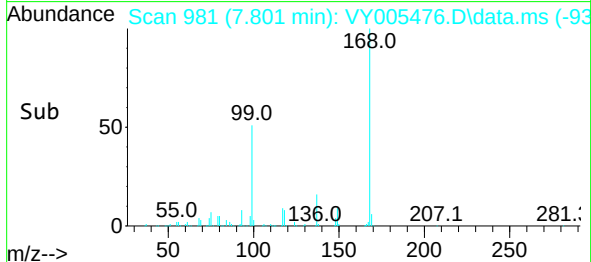
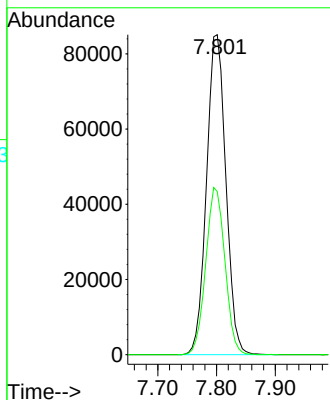
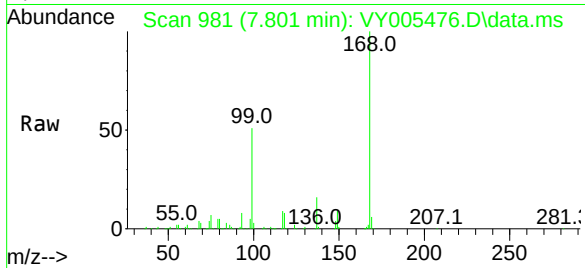




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

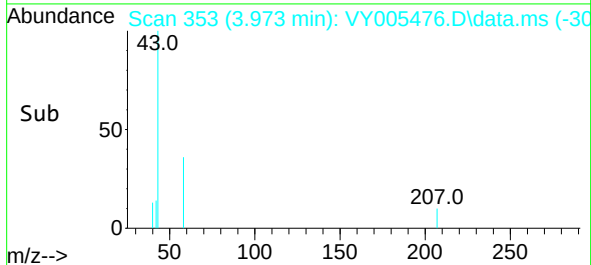
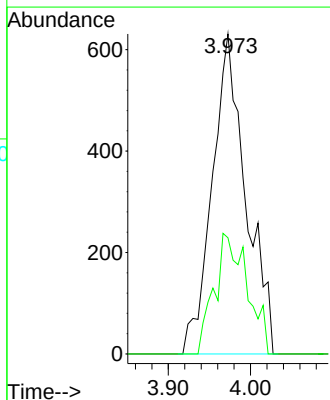
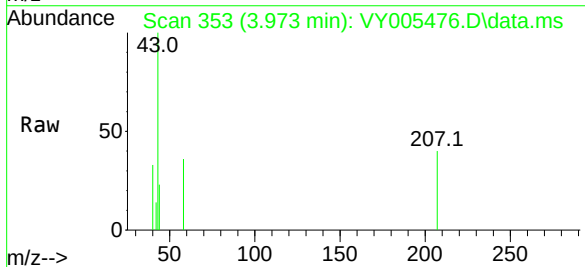
Instrument :
MSVOA_Y
ClientSampleId :

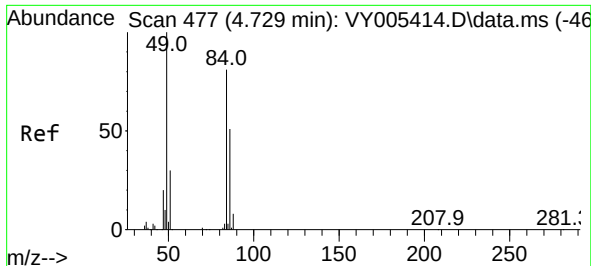
Tgt Ion:168 Resp: 194326
Ion Ratio Lower Upper
168 100
99 51.0 39.8 59.6



#16
Acetone
Concen: 3.788 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

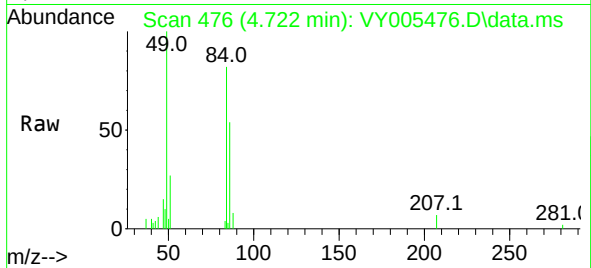
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 36.3 24.5 36.7



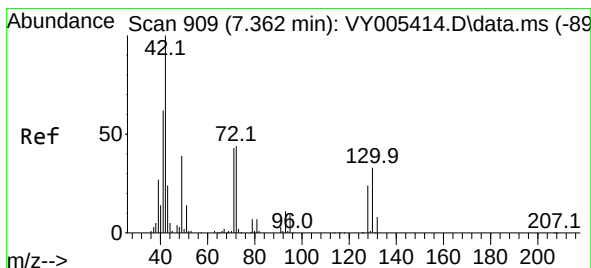
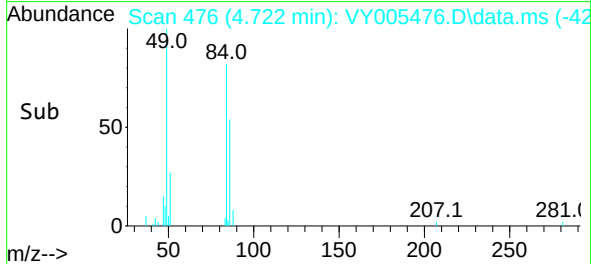
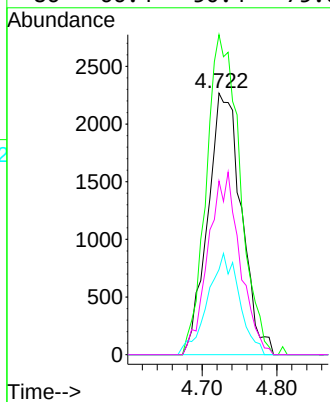


#20
Methylene Chloride
Concen: 1.526 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Instrument :
MSVOA_Y
ClientSampleId :

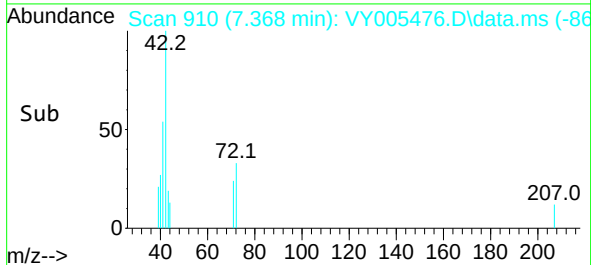
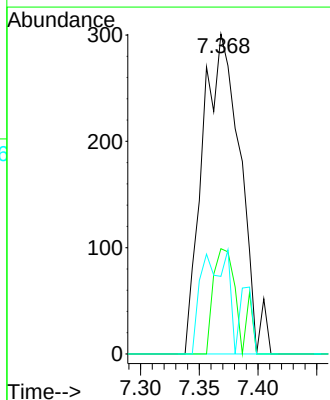
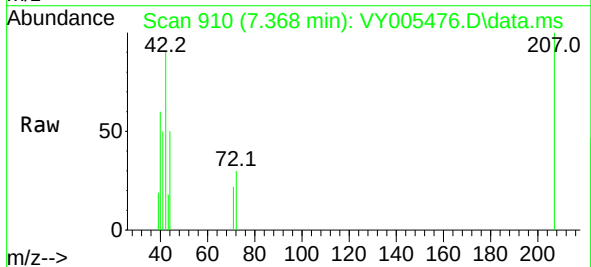


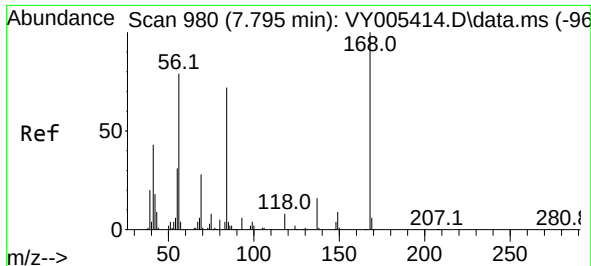
Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	98.9	148.3
51	32.6	30.0	45.0
86	66.4	50.4	75.6



#29
Tetrahydrofuran
Concen: 1.429 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion	Ratio	Lower	Upper
42	100		
72	21.3	35.3	52.9#
71	22.2	33.4	50.2#

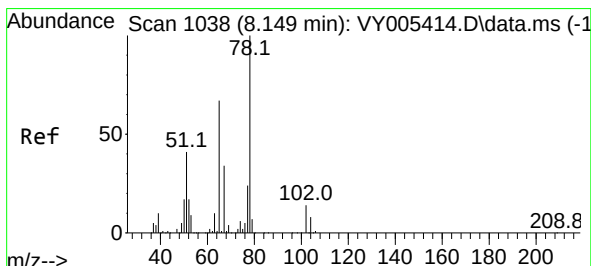
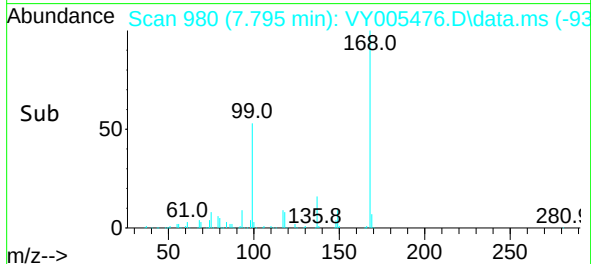
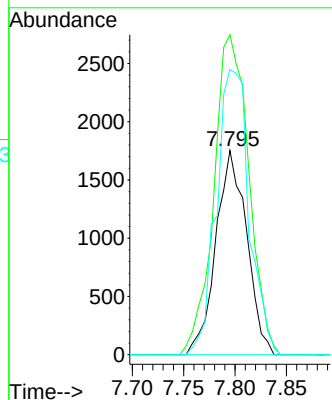
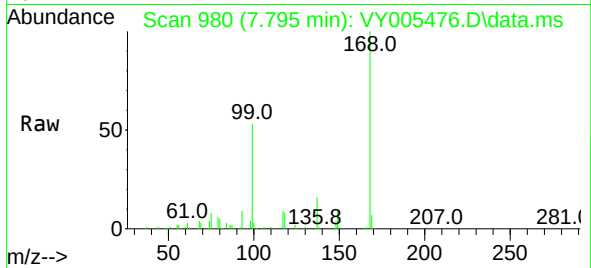




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

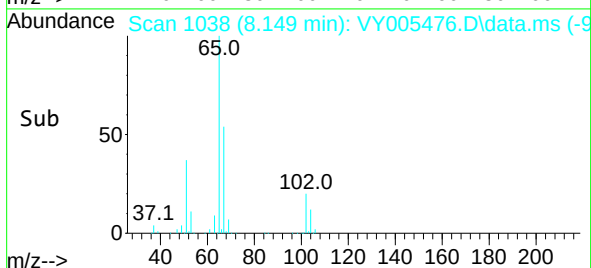
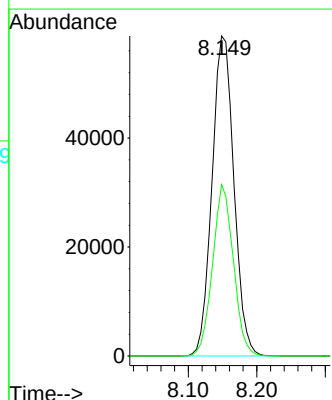
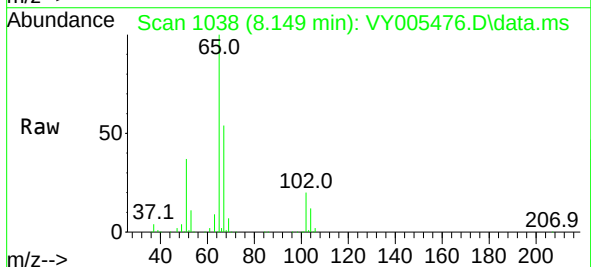
Instrument :
MSVOA_Y
ClientSampleId :

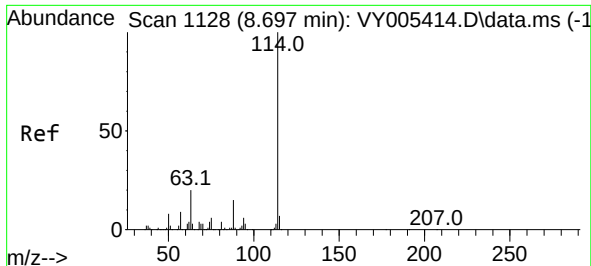
Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 156.7 28.7 43.1#
84 139.6 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 62.705 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion: 65 Resp: 130180
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

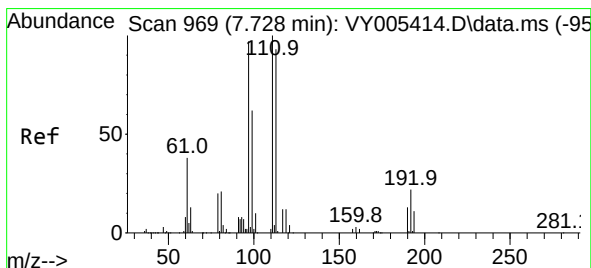
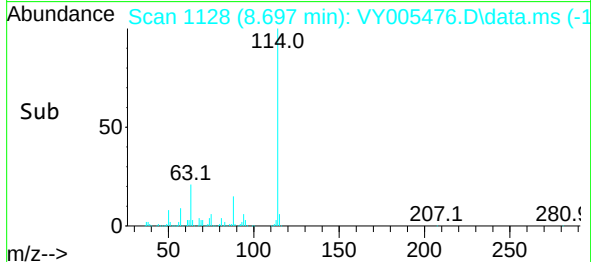
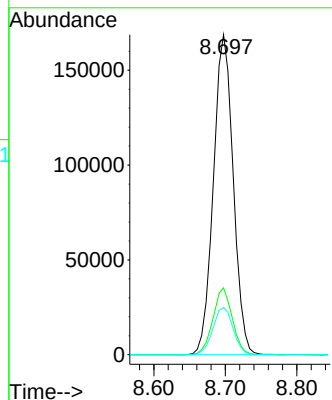
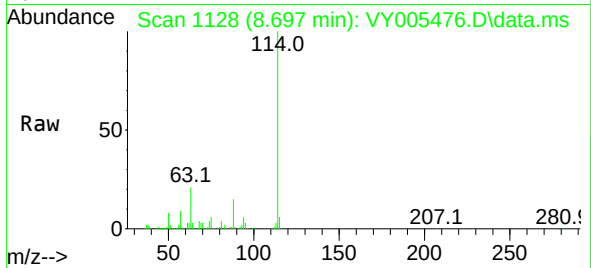




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

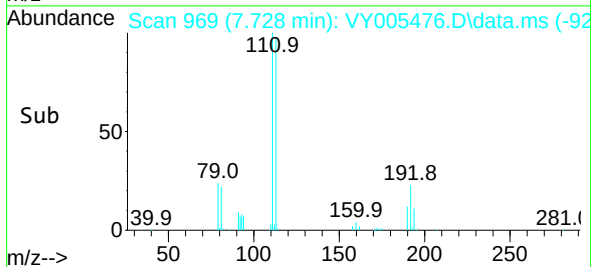
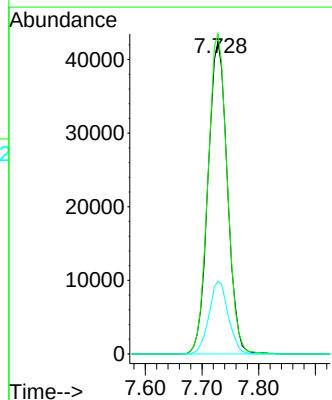
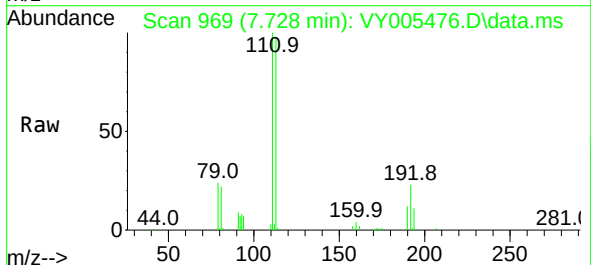
Instrument :
MSVOA_Y
ClientSampleId :

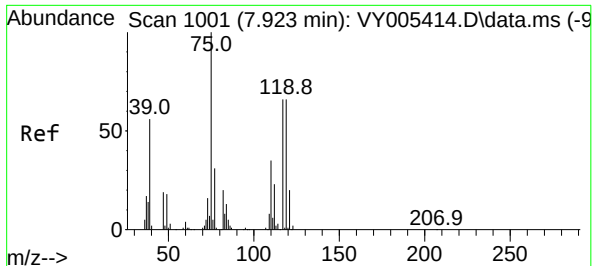
Tgt Ion:114 Resp: 324450
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 14.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.641 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion:113 Resp: 100491
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 23.2 18.9 28.3

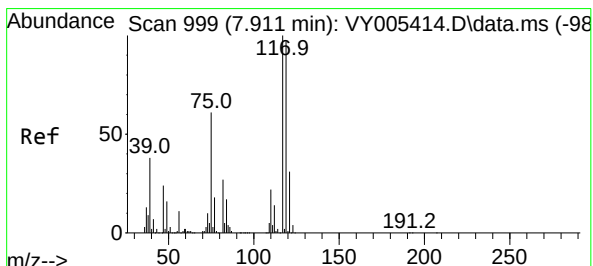
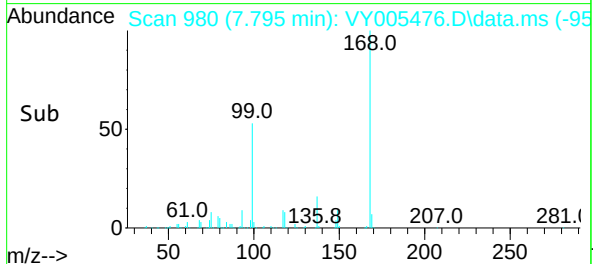
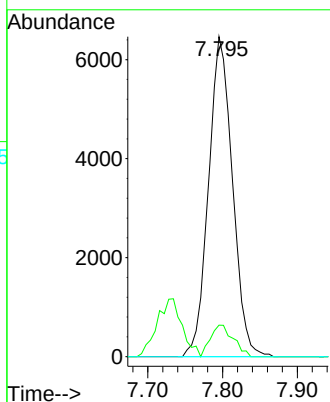
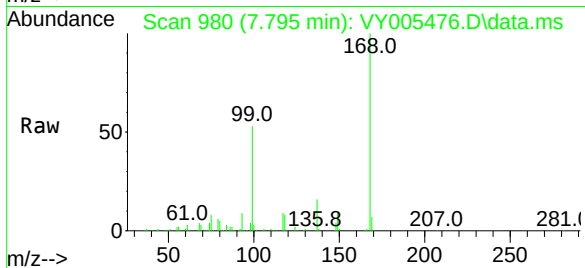




#36
 1,1-Dichloropropene
 Concen: 4.588 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005476.D
 Acq: 27 Jul 2021 19:43

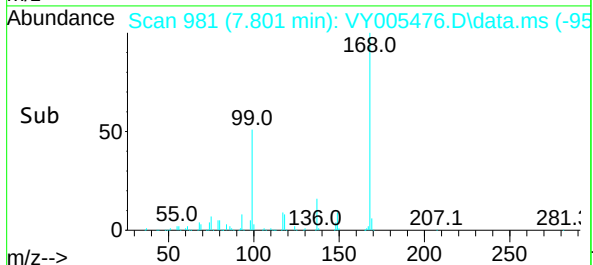
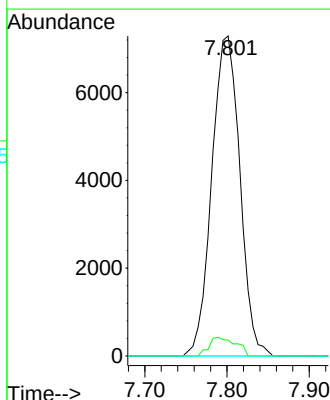
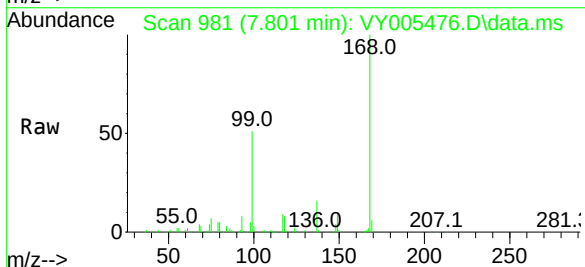
Instrument :
 MSVOA_Y
 ClientSampleId :

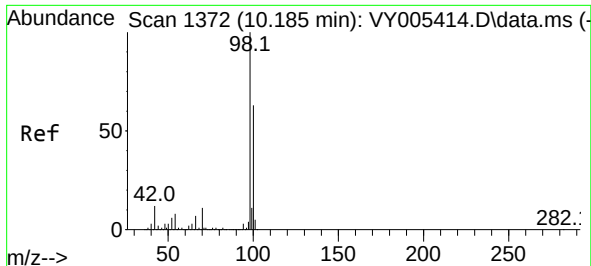
Tgt Ion: 75 Resp: 14392
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.6 52.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.051 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005476.D
 Acq: 27 Jul 2021 19:43

Tgt Ion: 117 Resp: 17314
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.2 115.8#
 121 0.0 25.1 37.7#

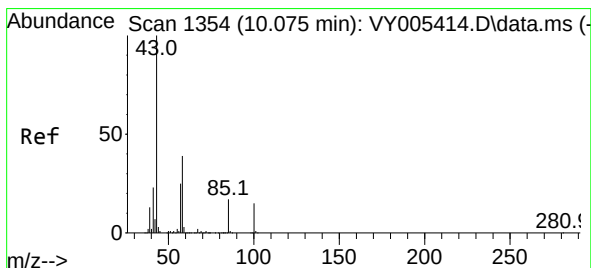
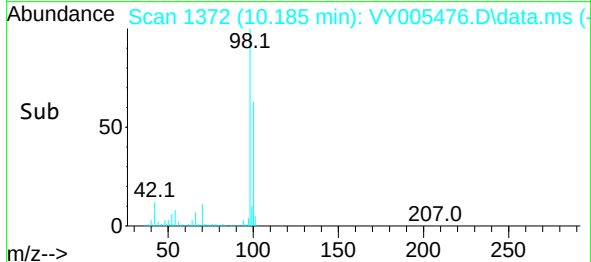
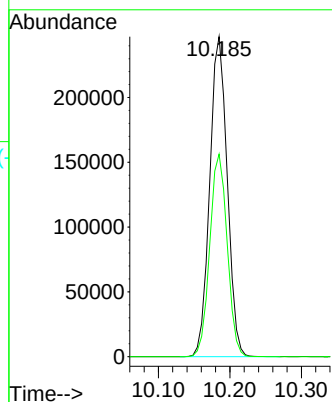
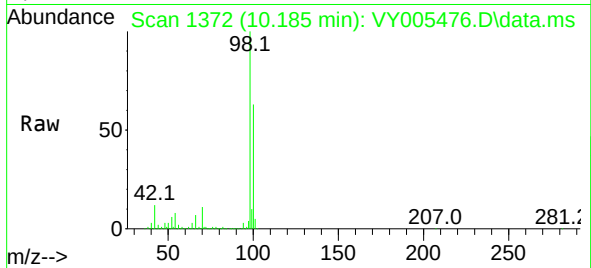




#50
Toluene-d8
Concen: 52.802 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

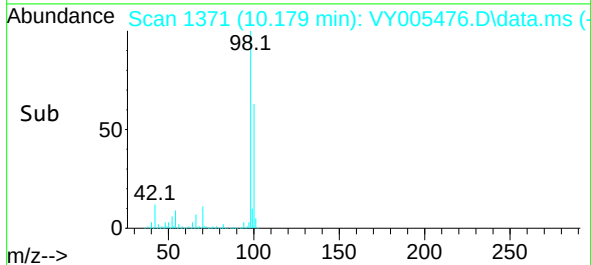
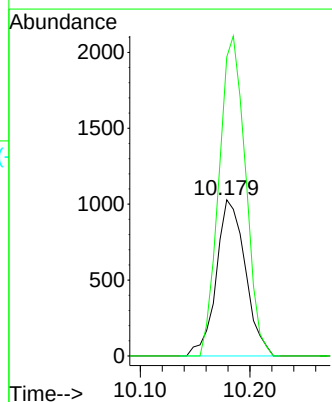
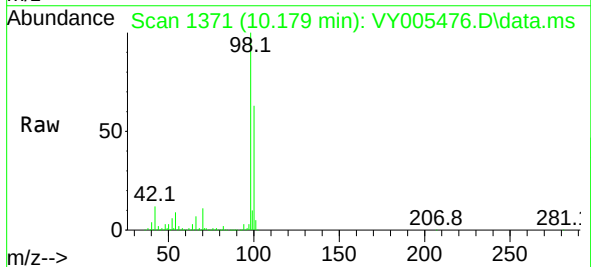
Instrument :
MSVOA_Y
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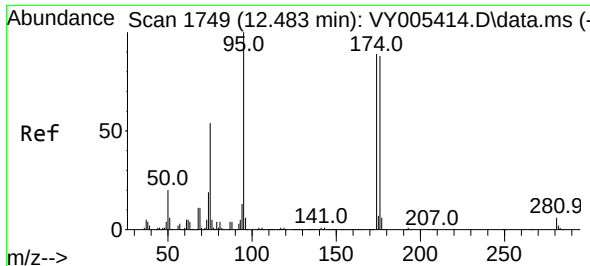
Tgt Ion: 98 Resp: 419259
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 187.3 31.2 46.8#

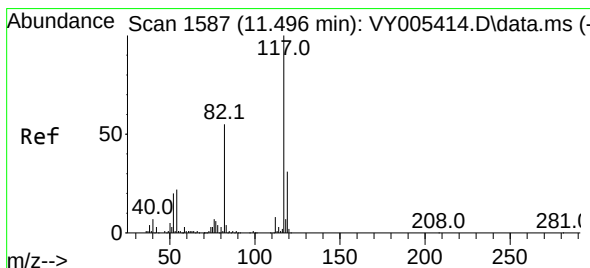
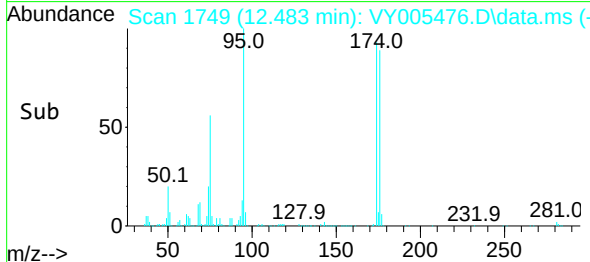
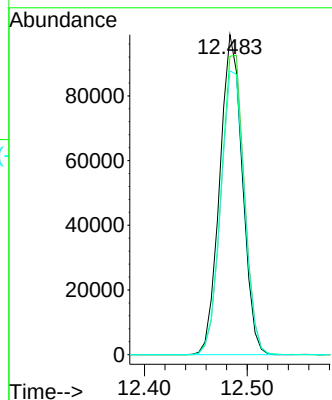
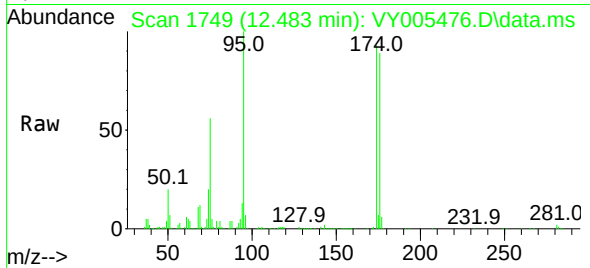




#62
4-Bromofluorobenzene
Concen: 57.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

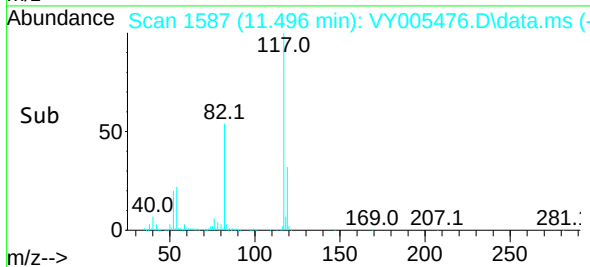
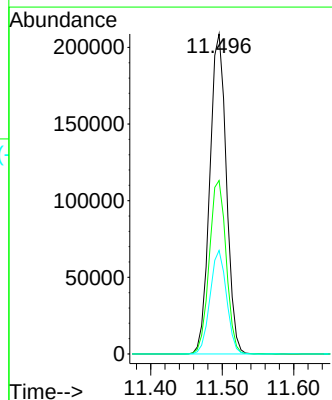
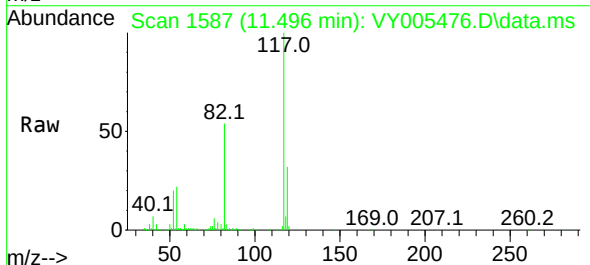
Instrument :
MSVOA_Y
ClientSampleId :

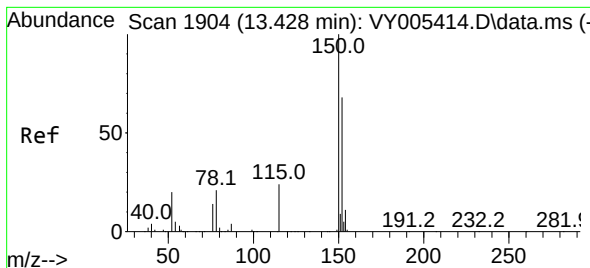
Tgt Ion: 95 Resp: 151186
Ion Ratio Lower Upper
95 100
174 96.4 0.0 186.6
176 92.1 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005476.D
Acq: 27 Jul 2021 19:43

Tgt Ion: 117 Resp: 335983
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 32.3 24.8 37.2

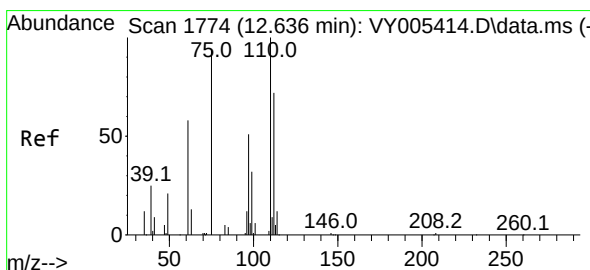
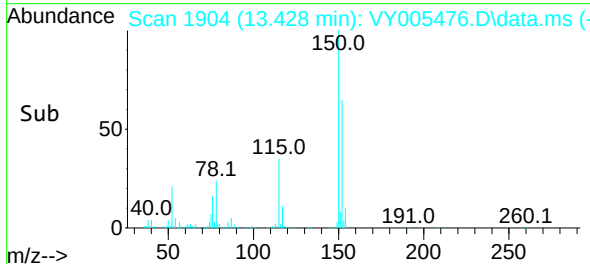
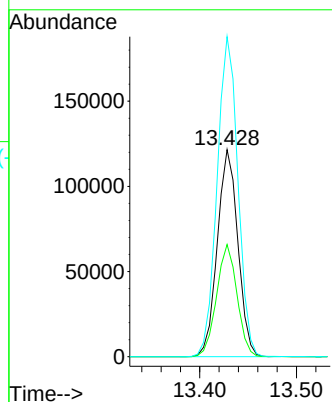
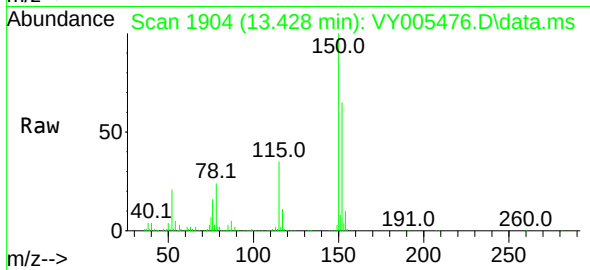




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005476.D
 Acq: 27 Jul 2021 19:43

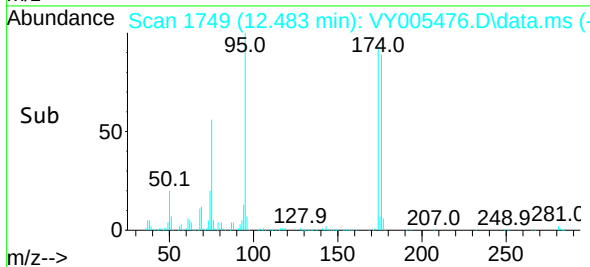
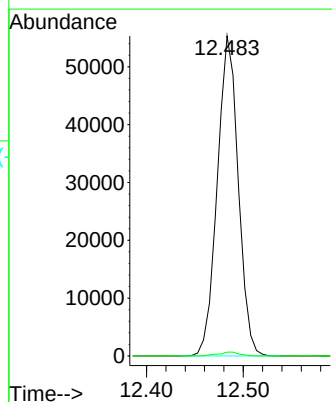
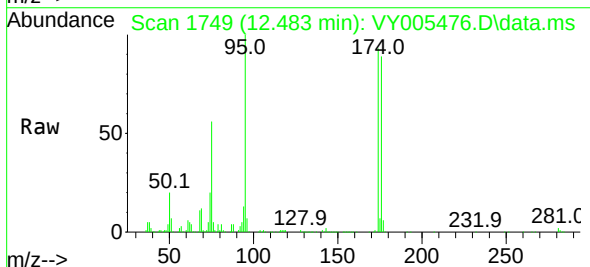
Instrument :
 MSVOA_Y
 ClientSampleId :

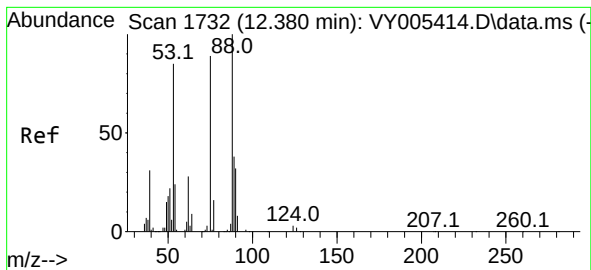
Tgt Ion:152 Resp: 179308
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.7 83.1
 150 156.4 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 47.120 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005476.D
 Acq: 27 Jul 2021 19:43

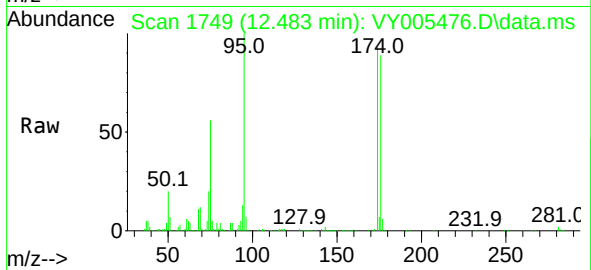
Tgt Ion: 75 Resp: 83137
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.495 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005476.D
 Acq: 27 Jul 2021 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83137
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.9 55.3#

