

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005494.D
 Acq On : 28 Jul 2021 17:06
 Operator : SY/MD
 Sample : M3210-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(1.0-5.0)

Quant Time: Jul 29 05:34:00 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)

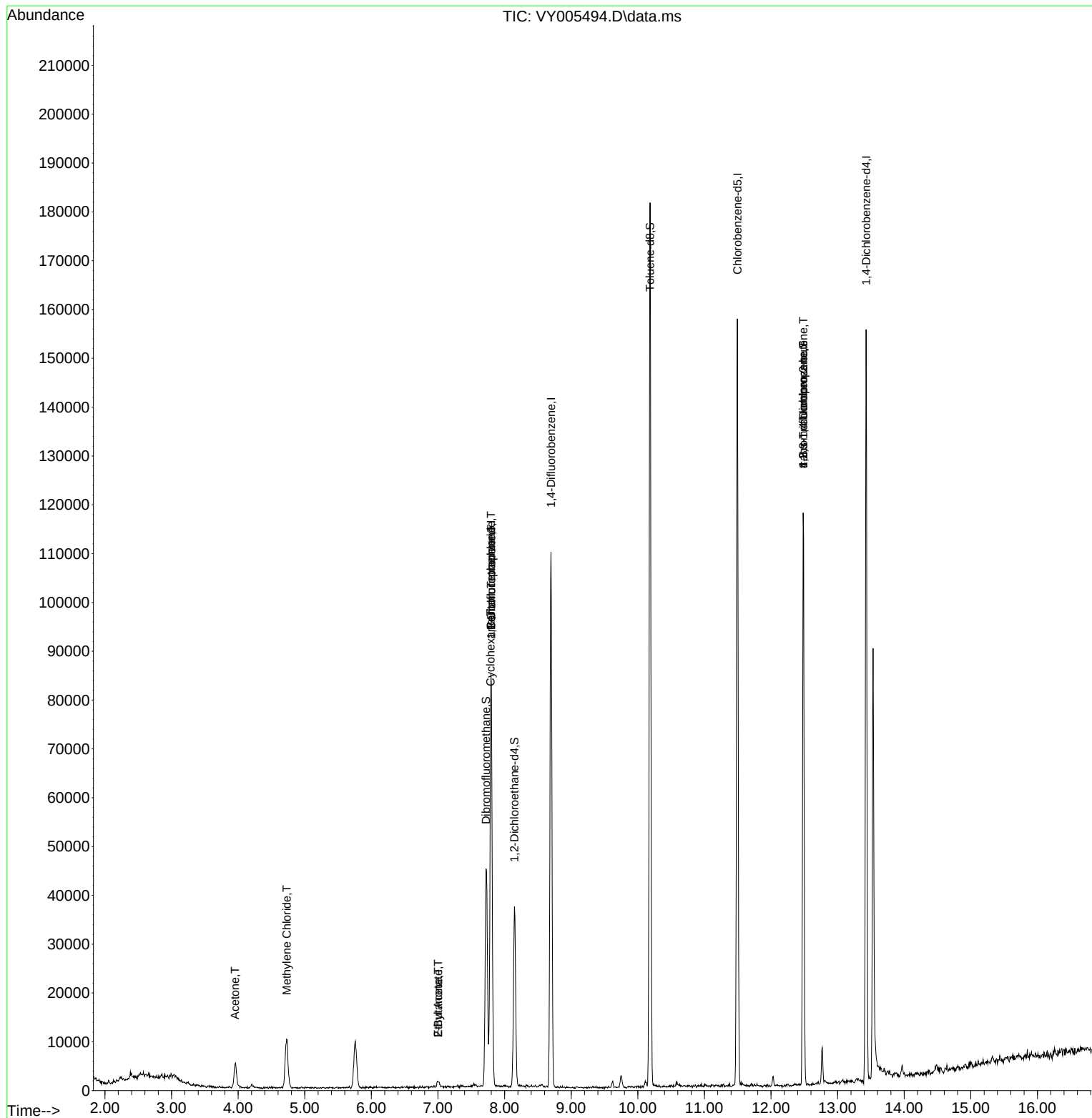
Internal Standards						
1) Pentafluorobenzene	7.795	168	69401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	94321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	83893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30742	41.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.920%		
35) Dibromofluoromethane	7.722	113	31346	57.556	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.120%		
50) Toluene-d8	10.185	98	118294	51.247	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.500%		
62) 4-Bromofluorobenzene	12.483	95	33530	44.012	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.020%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	9271	54.754	ug/l	96
20) Methylene Chloride	4.729	84	7345	6.473	ug/l	94
25) 2-Butanone	7.003	43	2022	7.974	ug/l #	70
31) Cyclohexane	7.789	56	1475	1.165	ug/l #	51
36) 1,1-Dichloropropene	7.801	75	4606	5.050	ug/l #	51
37) Ethyl Acetate	7.003	43	2022	3.642	ug/l #	70
38) Carbon Tetrachloride	7.795	117	6241	6.262	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	18223	46.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18223	90.875	ug/l #	11

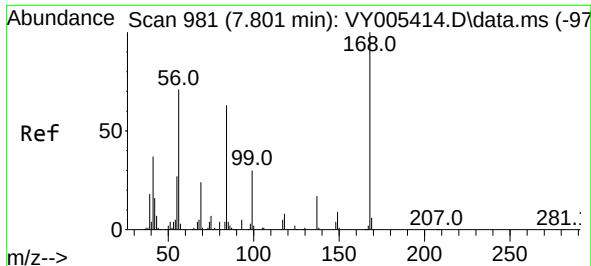
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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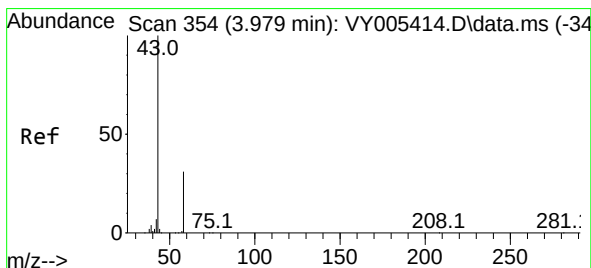
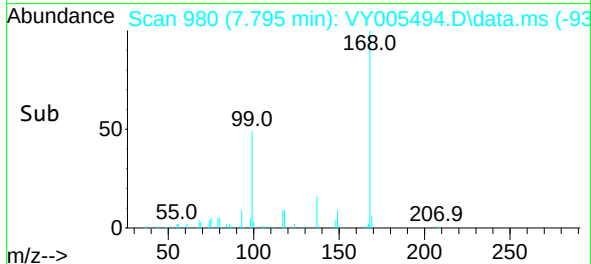
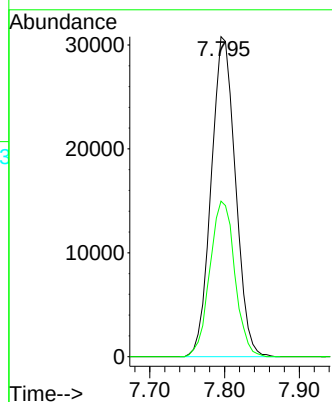
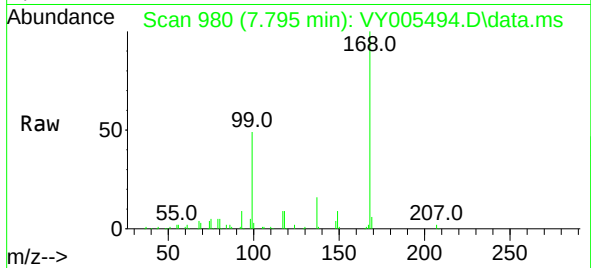




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

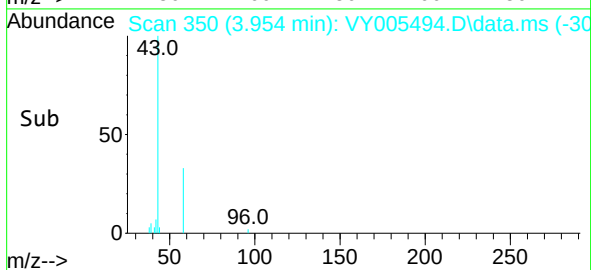
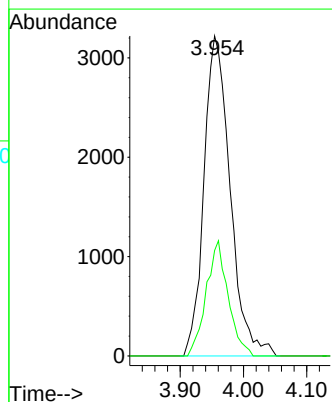
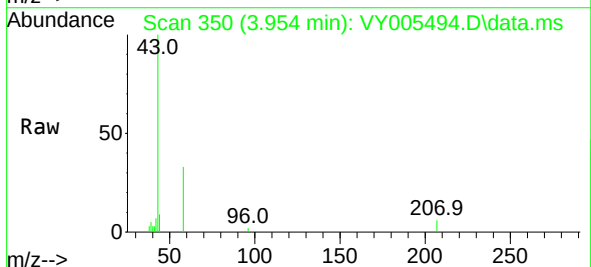
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

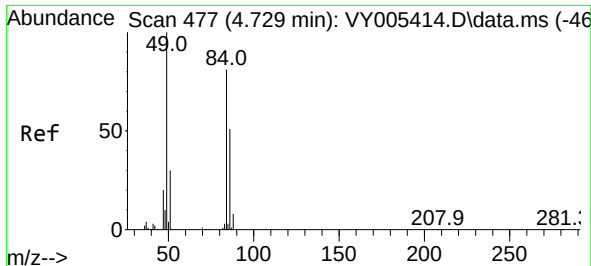
Tgt Ion:168 Resp: 69401
Ion Ratio Lower Upper
168 100
99 48.6 39.8 59.6



#16
Acetone
Concen: 54.754 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

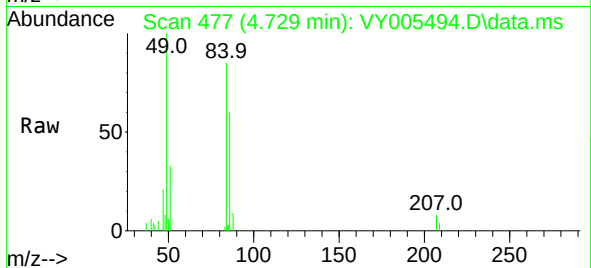
Tgt Ion: 43 Resp: 9271
Ion Ratio Lower Upper
43 100
58 32.9 24.5 36.7



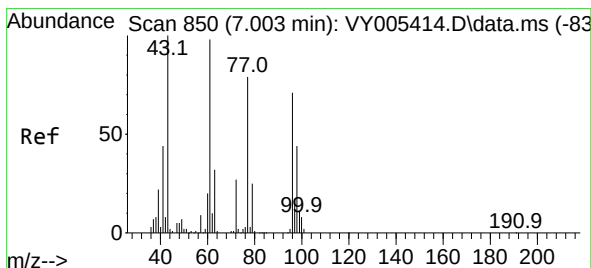
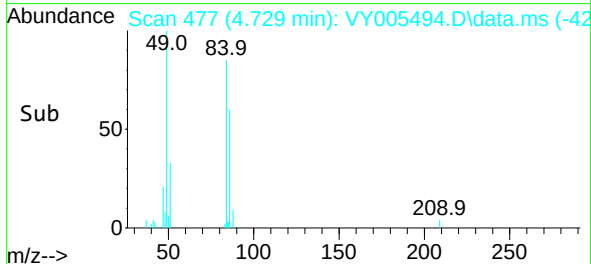
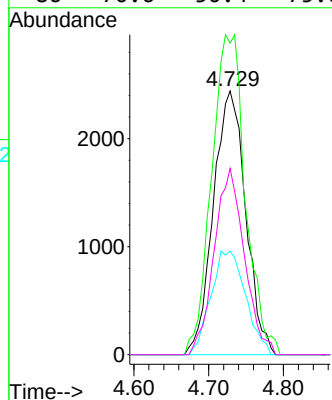


#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

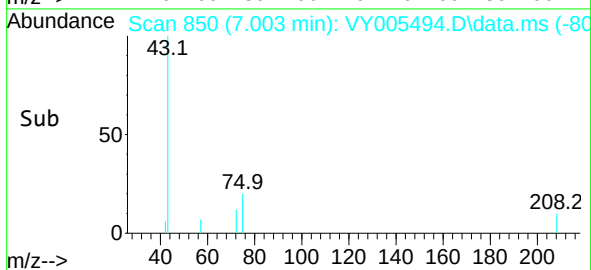
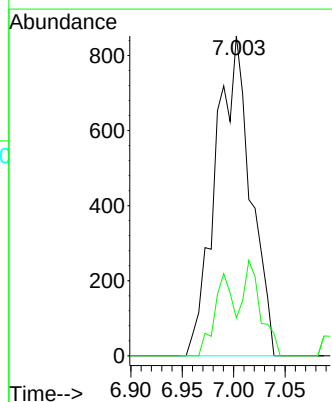
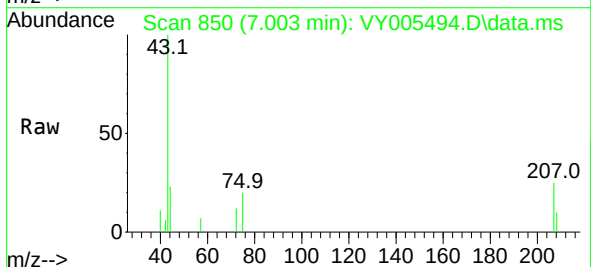


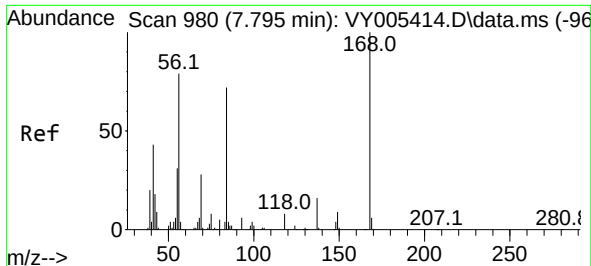
Tgt Ion:	84	Resp:	7345
Ion	Ratio	Lower	Upper
84	100		
49	118.1	98.9	148.3
51	39.3	30.0	45.0
86	70.6	50.4	75.6



#25
2-Butanone
Concen: 7.974 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

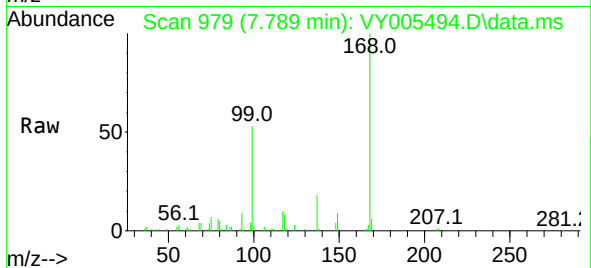
Tgt Ion:	43	Resp:	2022
Ion	Ratio	Lower	Upper
43	100		
72	11.9	21.9	32.9#



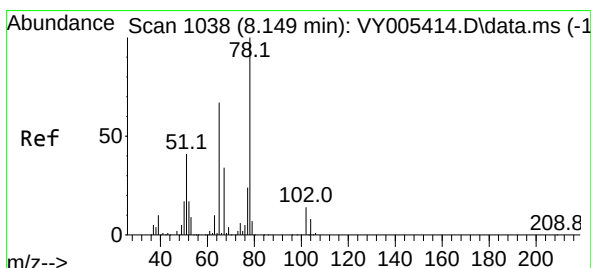
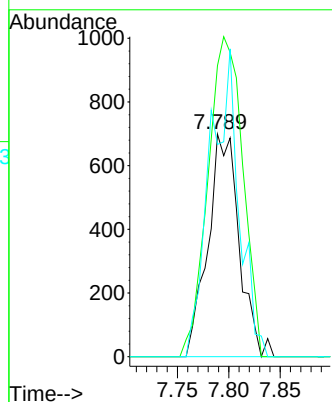
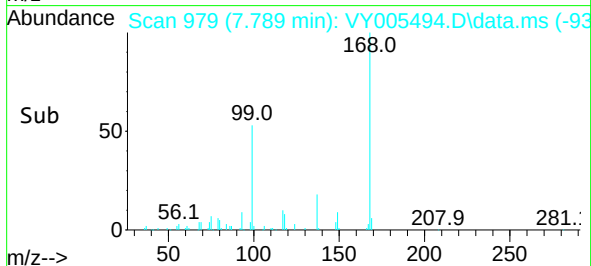


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

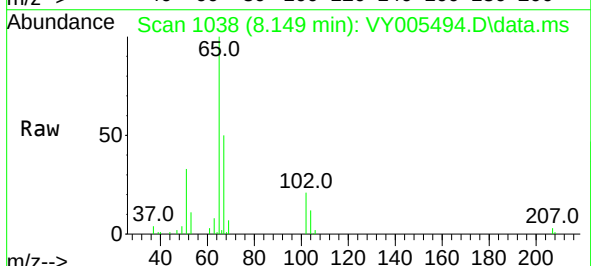
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)



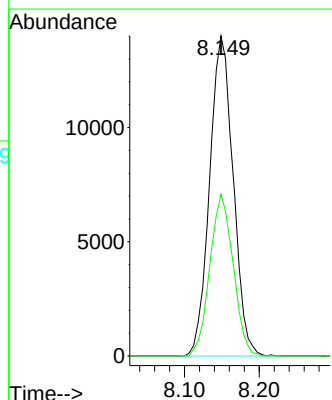
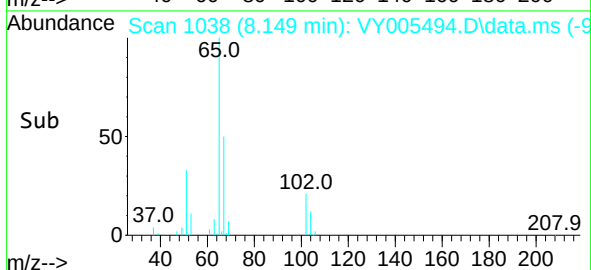
Tgt Ion: 56 Resp: 1475
Ion Ratio Lower Upper
56 100
69 130.8 28.7 43.1#
84 95.4 73.0 109.6

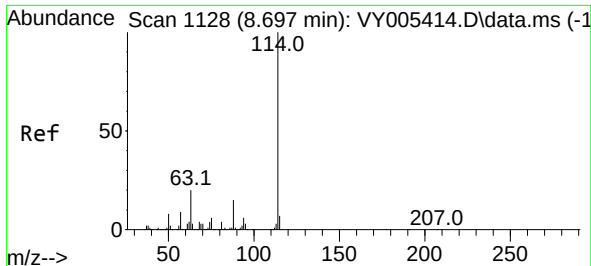


#33
1,2-Dichloroethane-d4
Concen: 41.463 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06



Tgt Ion: 65 Resp: 30742
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.2

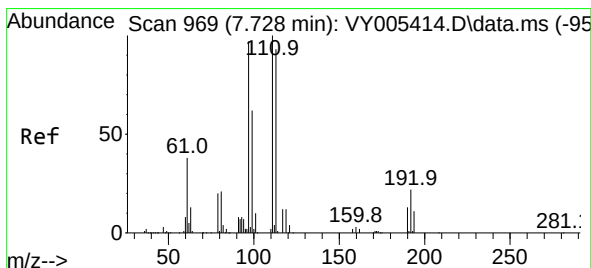
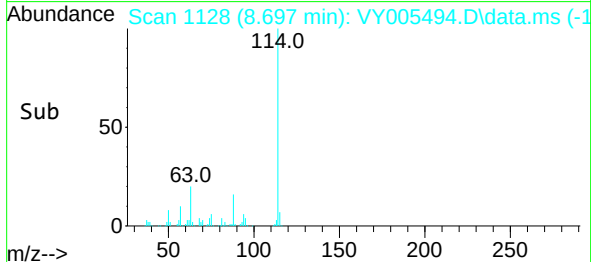
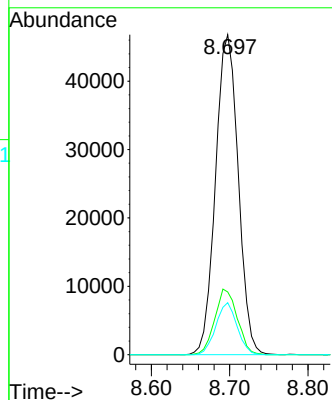
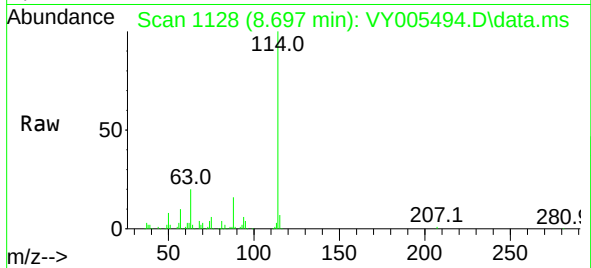




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

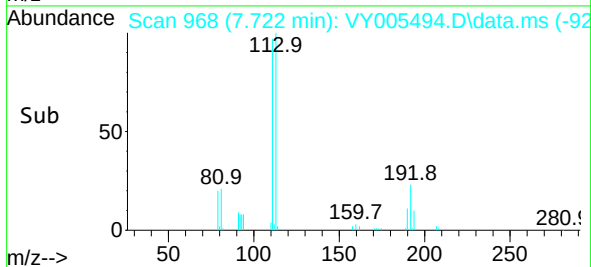
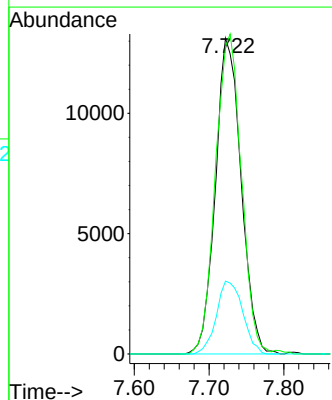
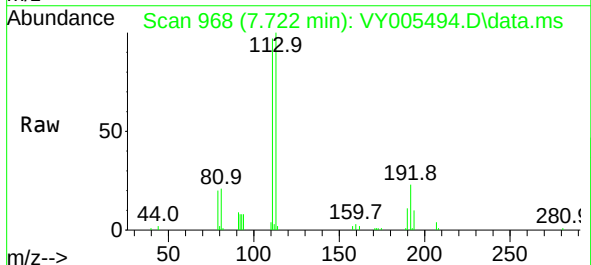
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

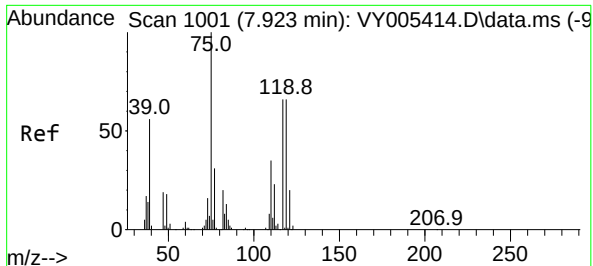
Tgt Ion:	114	Resp:	94321
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	39.0
88	16.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 57.556 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion:	113	Resp:	31346
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	23.6	18.9	28.3

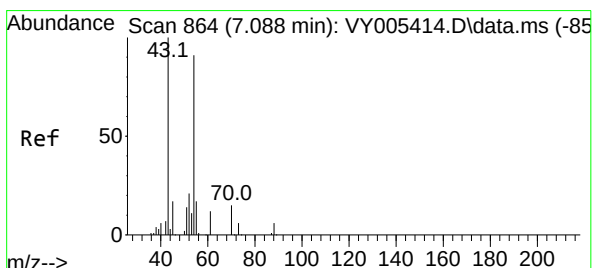
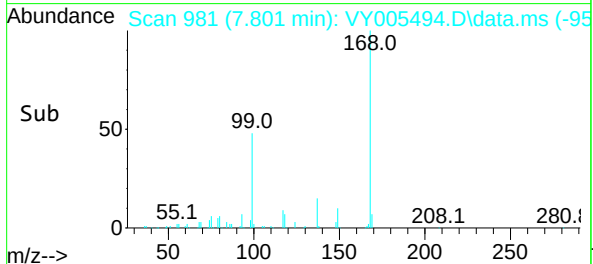
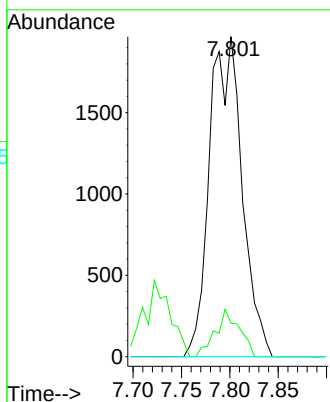
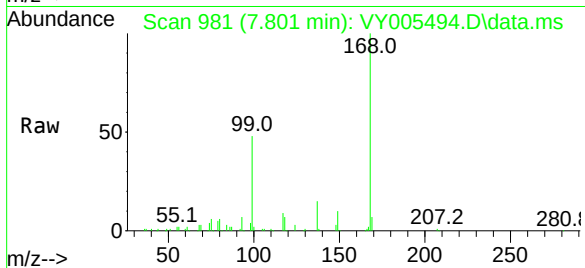




#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

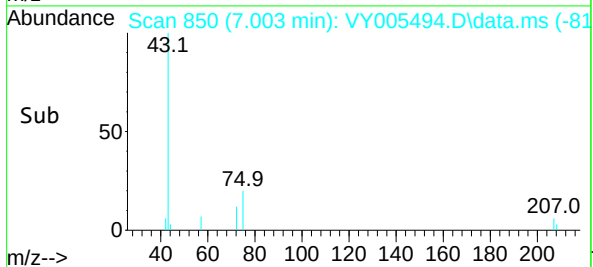
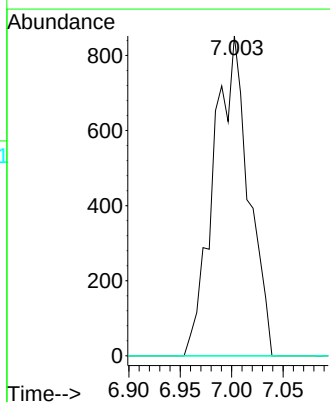
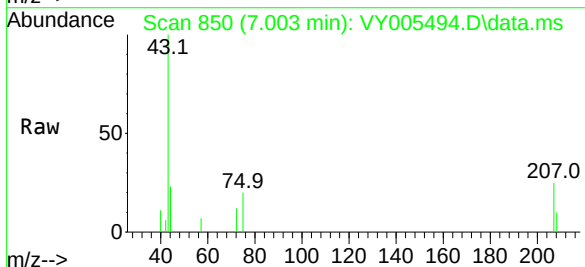
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ClientSampleId :
SB-5(1.0-5.0)

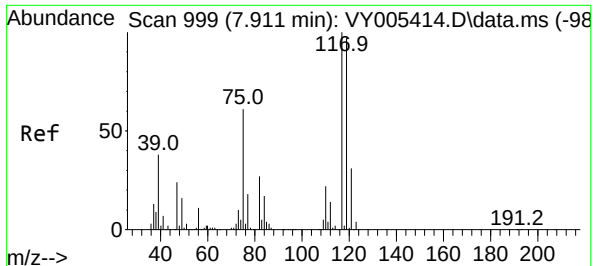
Tgt Ion: 75 Resp: 4606
Ion Ratio Lower Upper
75 100
110 10.8 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 3.642 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

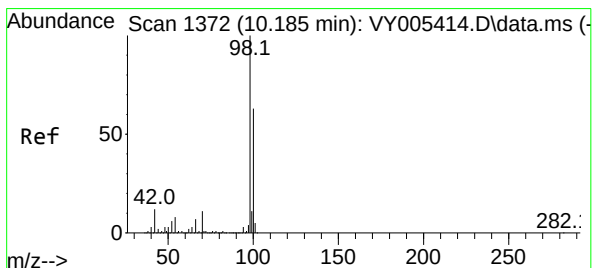
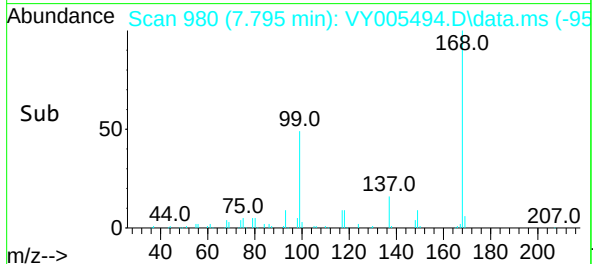
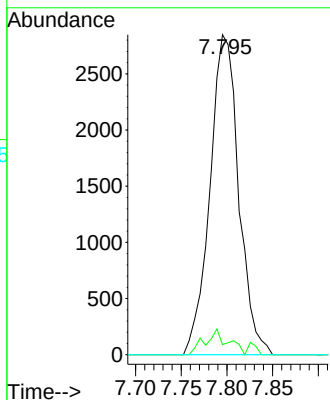
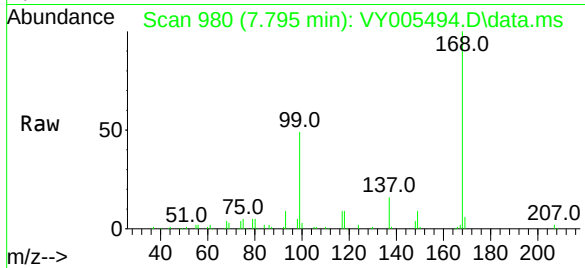




#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

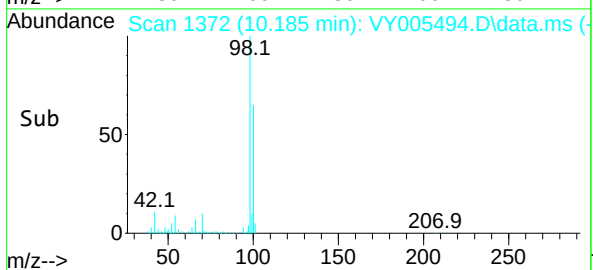
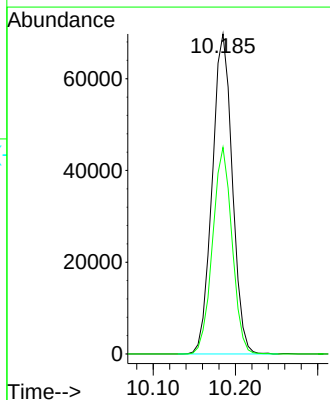
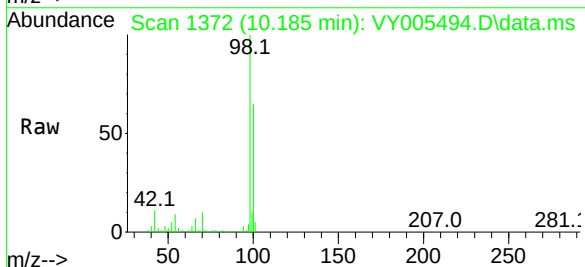
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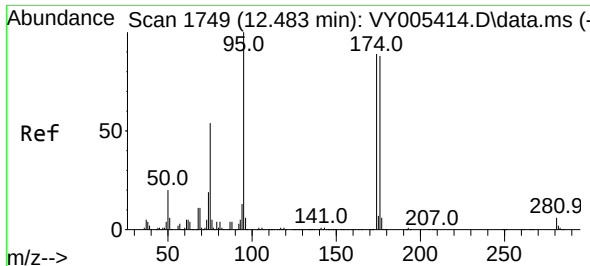
Tgt Ion:117 Resp: 6241
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion: 98 Resp: 118294
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

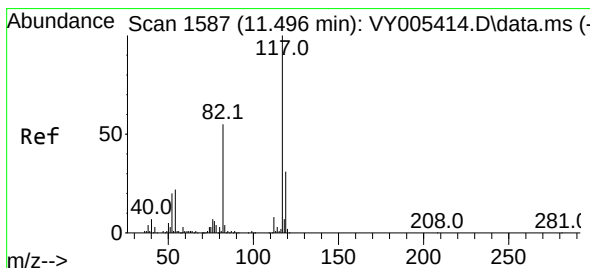
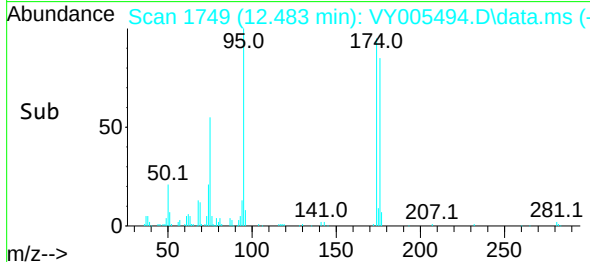
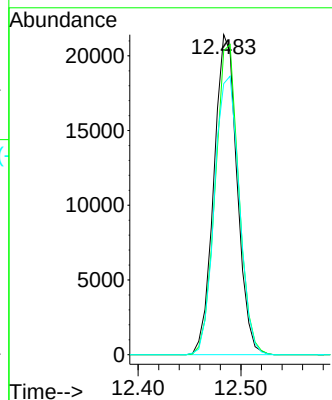
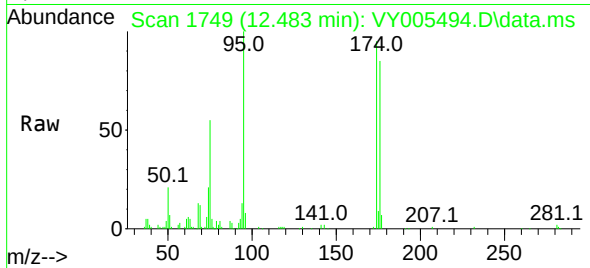




#62
4-Bromofluorobenzene
Concen: 44.012 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

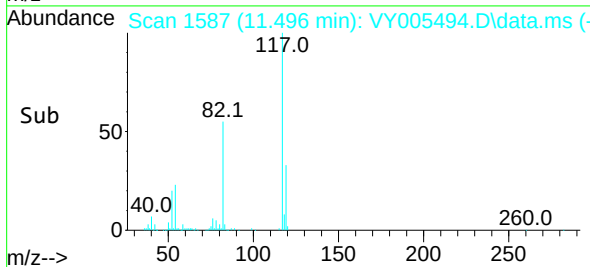
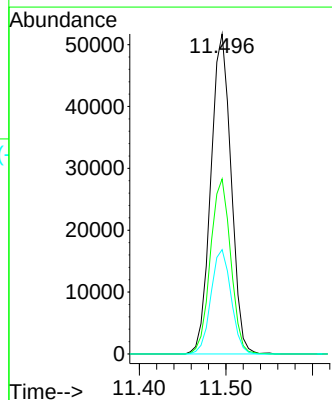
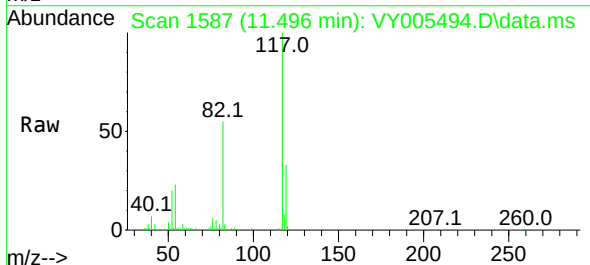
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

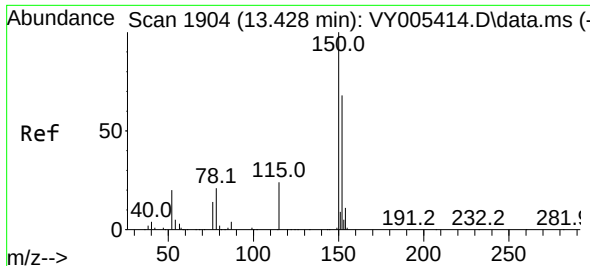
Tgt Ion:	95	Resp:	33530
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	186.6
176	92.9	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion:	117	Resp:	83893
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.6	24.8	37.2

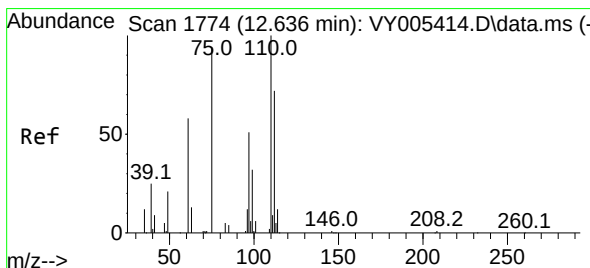
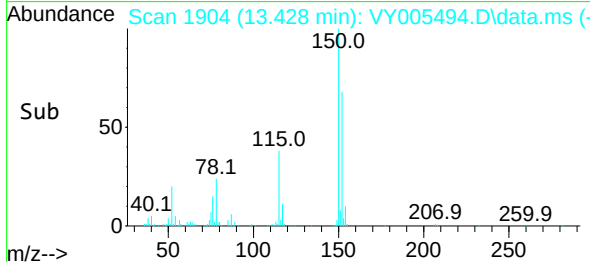
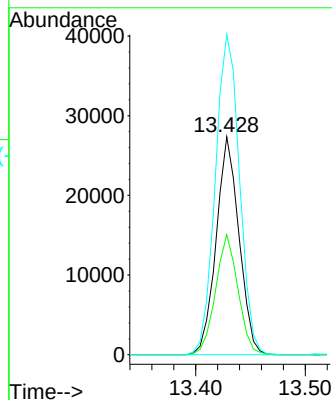
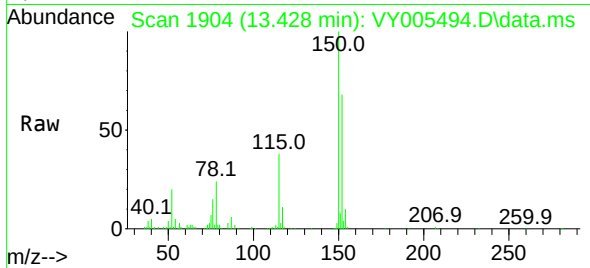




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

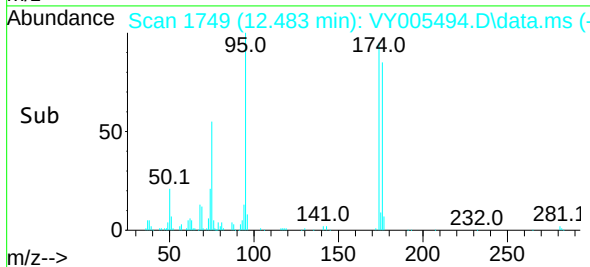
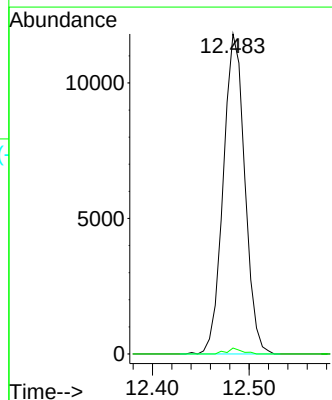
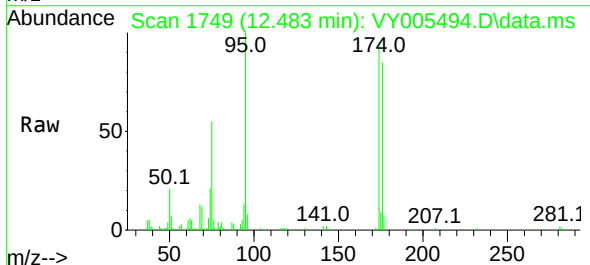
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

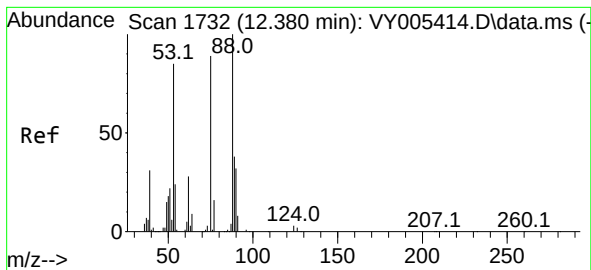
Tgt Ion:152 Resp: 39571
Ion Ratio Lower Upper
152 100
115 54.2 27.7 83.1
150 155.6 0.0 349.6



#76
1,2,3-Trichloropropane
Concen: 46.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

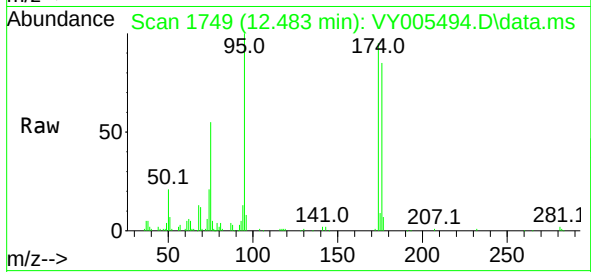
Tgt Ion: 75 Resp: 18223
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.875 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005494.D
 Acq: 28 Jul 2021 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(1.0-5.0)



Tgt Ion: 75 Resp: 18223
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.2 36.9 55.3#

