

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005692.D
 Acq On : 17 Aug 2021 01:11
 Operator : SY/MD
 Sample : M3424-07
 Misc : 8.2G/5ML/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19N

Quant Time: Aug 17 05:23:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

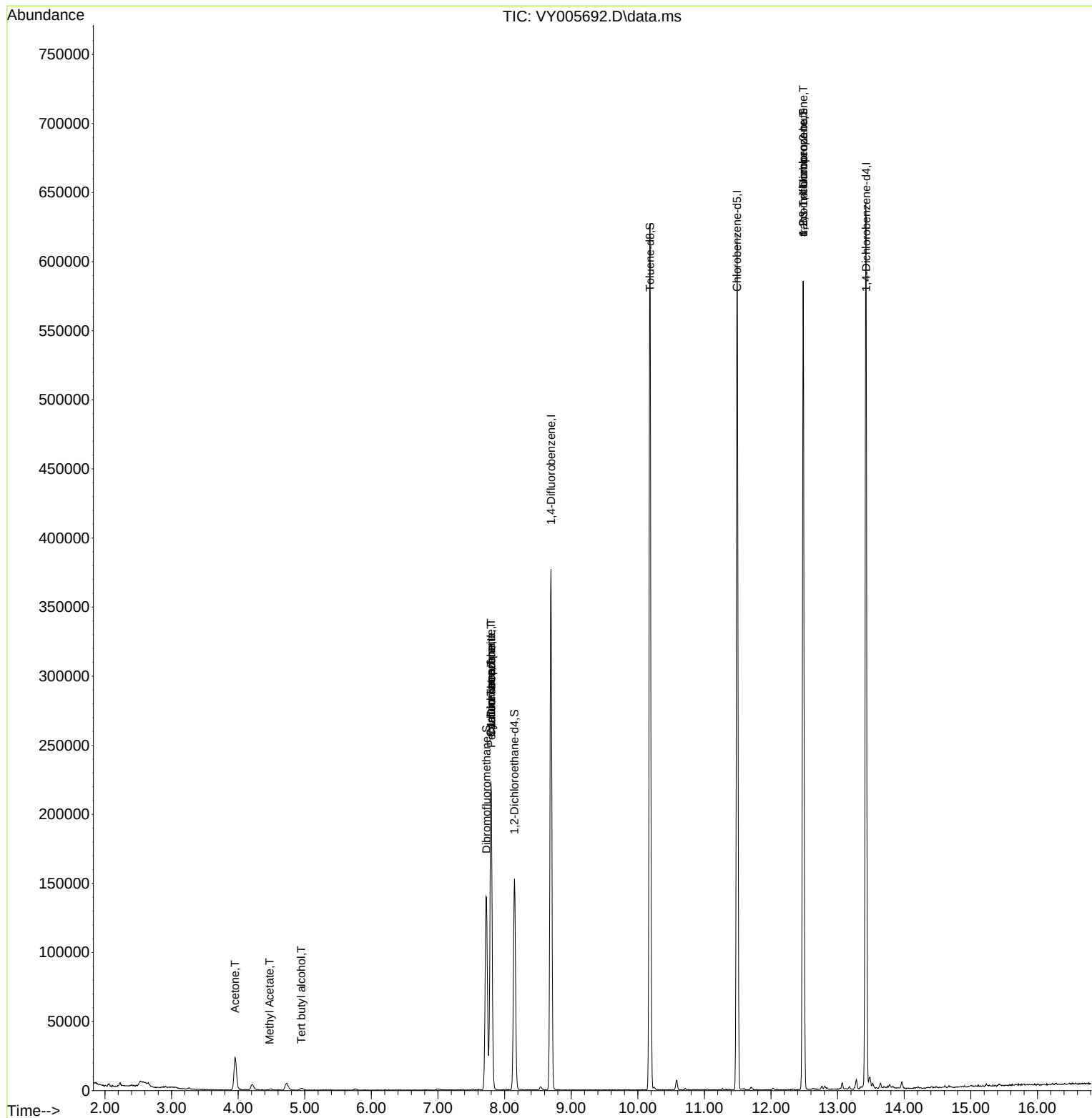
Internal Standards						
1) Pentafluorobenzene	7.801	168	183945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	126310	67.836	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 135.680%		
35) Dibromofluoromethane	7.728	113	96515	55.482	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.960%		
50) Toluene-d8	10.185	98	402733	55.202	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 110.400%		
62) 4-Bromofluorobenzene	12.483	95	145965	60.417	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1264	6.867	ug/l #	89
16) Acetone	3.954	43	41324	88.026	ug/l	98
18) Methyl Acetate	4.472	43	1780	1.450	ug/l #	52
20) Methylene Chloride	4.734	84	3583	Below Cal		95
31) Cyclohexane	7.795	56	3708	1.161	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	13196	4.528	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16210	5.118	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	82617	47.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82617	95.393	ug/l #	11

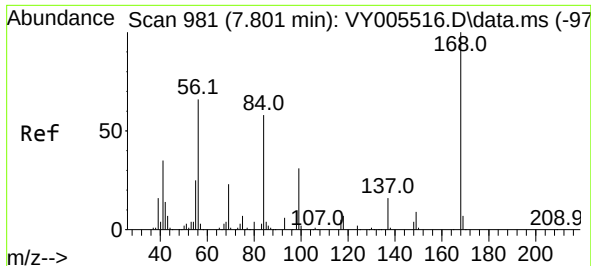
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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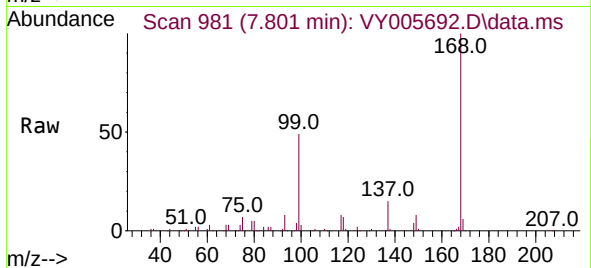
Quant Time: Aug 17 05:23:33 2021
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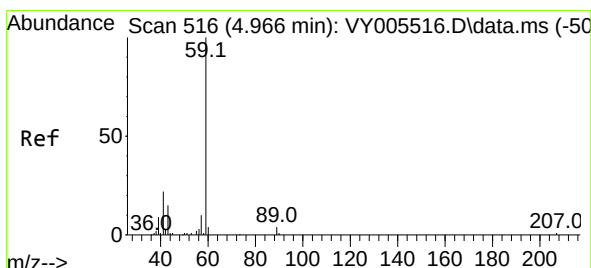
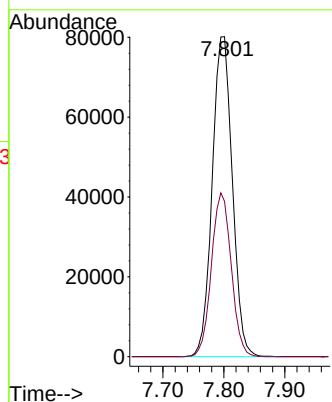
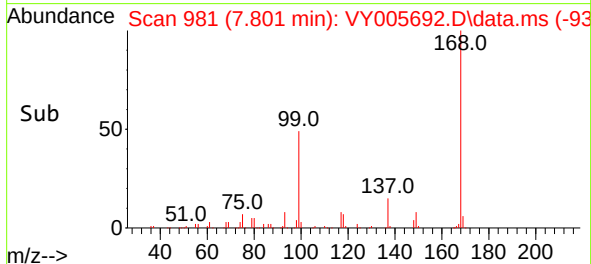


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

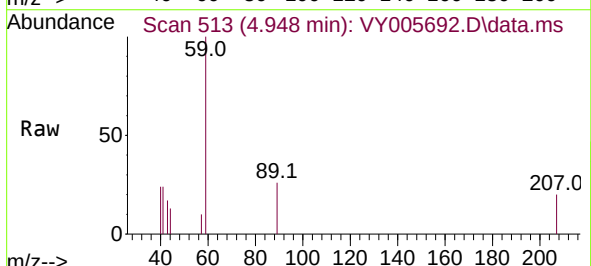
Instrument :
MSVOA_Y
ClientSampled :
19N



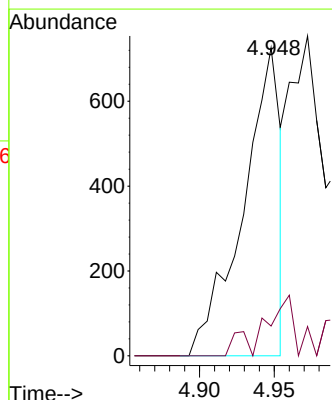
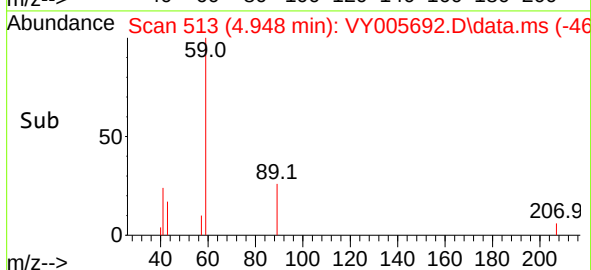
Tgt Ion:168 Resp: 183945
Ion Ratio Lower Upper
168 100
99 48.5 38.9 58.3

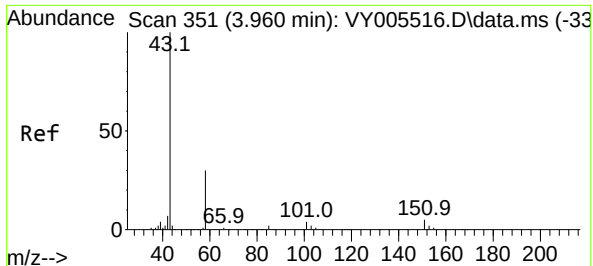


#11
Tert butyl alcohol
Concen: 6.867 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.019 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11



Tgt Ion: 59 Resp: 1264
Ion Ratio Lower Upper
59 100
57 13.9 8.0 12.0#

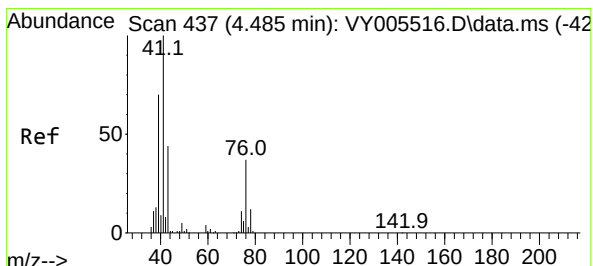
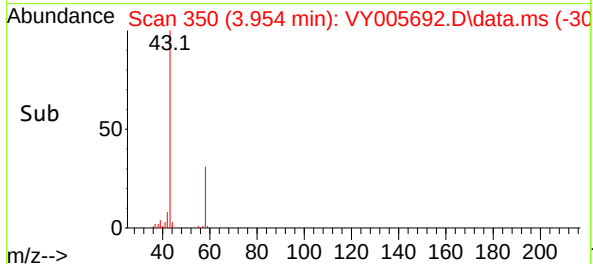
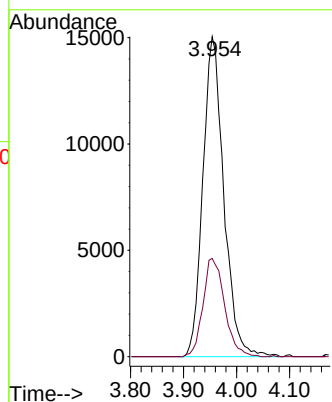
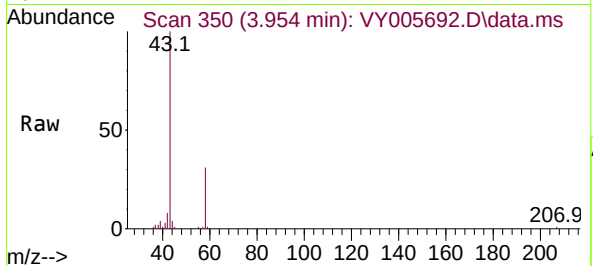




#16
Acetone
Concen: 88.026 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

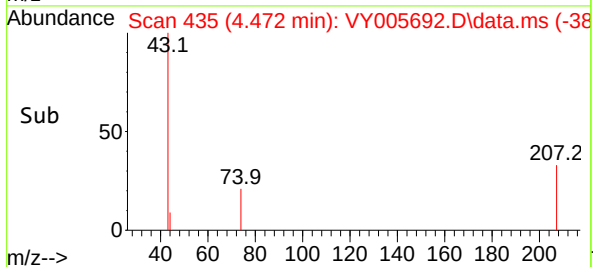
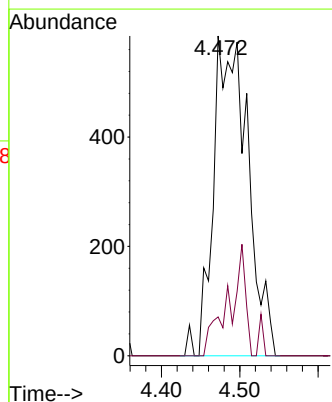
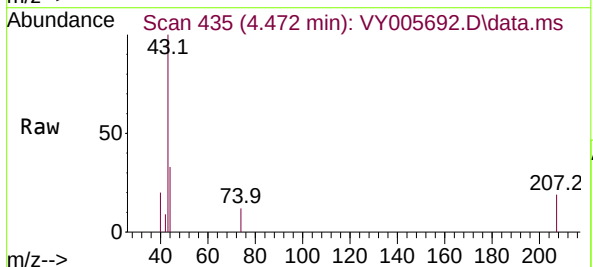
Instrument :
MSVOA_Y
ClientSampled :
19N

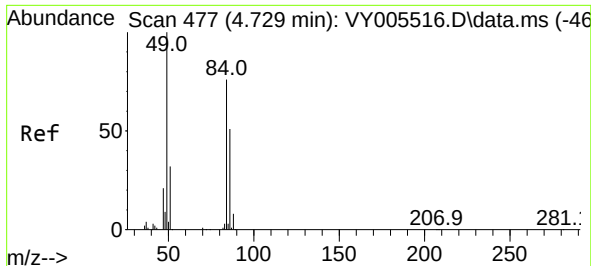
Tgt Ion: 43 Resp: 41324
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.6



#18
Methyl Acetate
Concen: 1.450 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



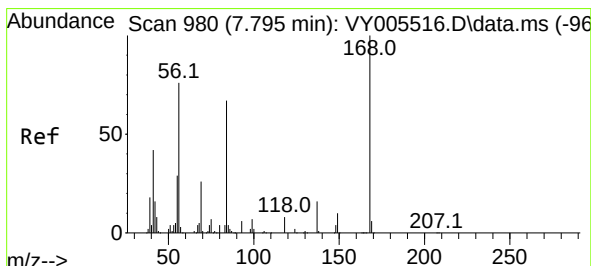
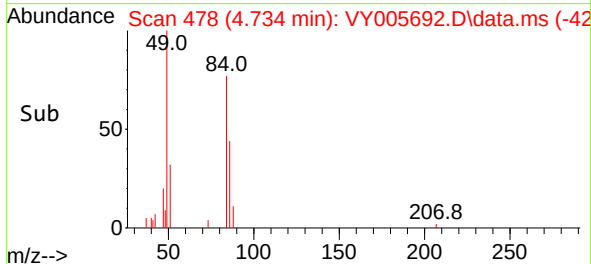
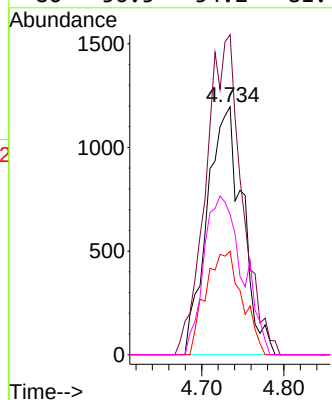
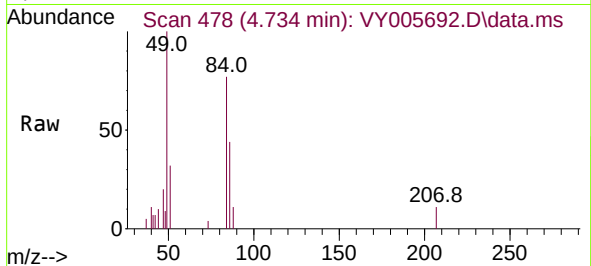


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Instrument :
MSVOA_Y
ClientSampled :
19N

Tgt Ion: 84 Resp: 3583

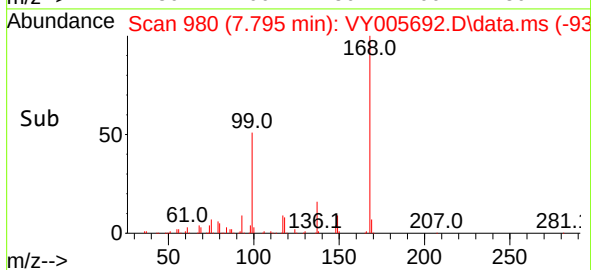
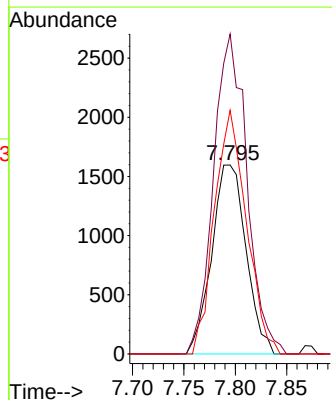
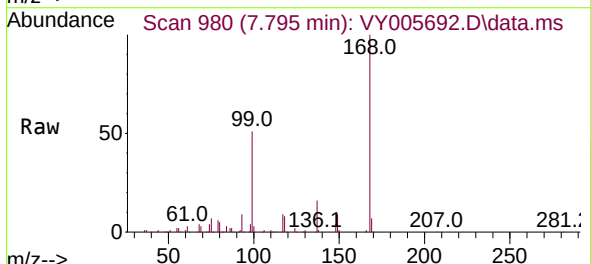
Ion	Ratio	Lower	Upper
84	100		
49	129.1	105.8	158.6
51	41.7	33.4	50.2
86	56.5	54.2	81.4

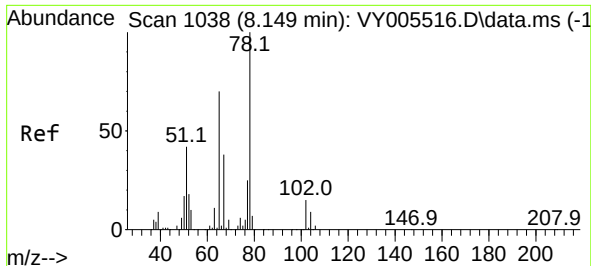


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 56 Resp: 3708

Ion	Ratio	Lower	Upper
56	100		
69	169.3	27.7	41.5#
84	128.9	70.9	106.3#

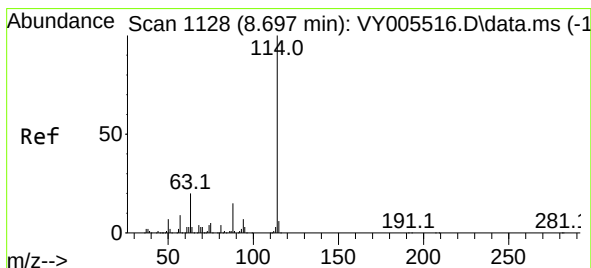
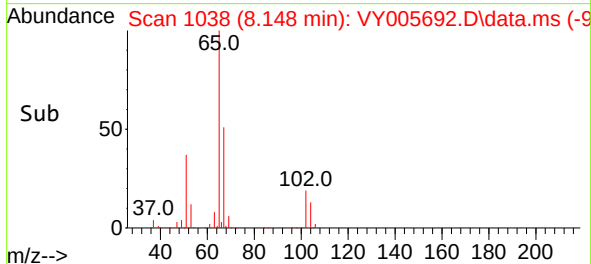
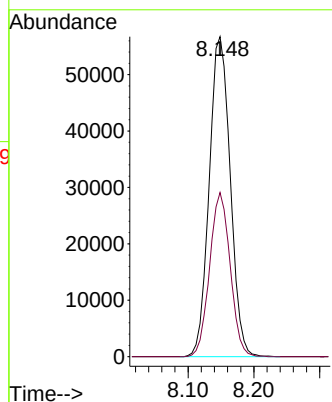
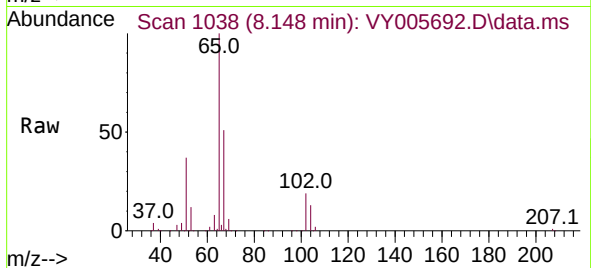




#33
 1,2-Dichloroethane-d4
 Concen: 67.836 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005692.D
 Acq: 17 Aug 2021 01:11

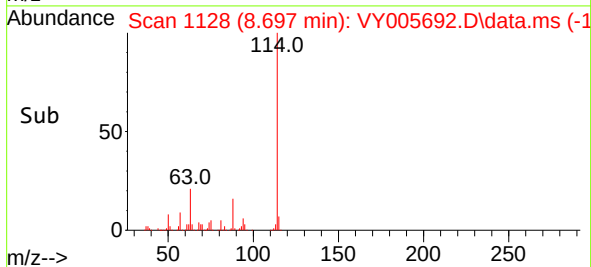
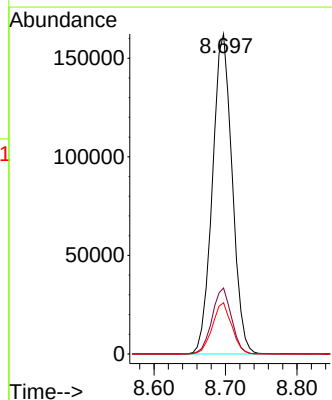
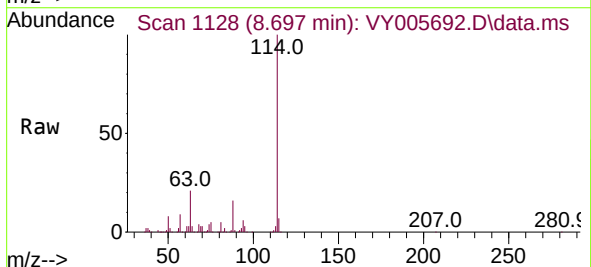
Instrument :
 MSVOA_Y
 ClientSampled :
 19N

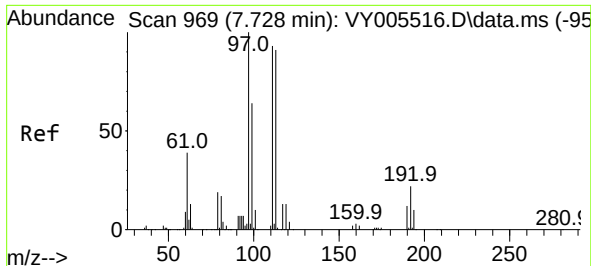
Tgt Ion: 65 Resp: 126310
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005692.D
 Acq: 17 Aug 2021 01:11

Tgt Ion: 114 Resp: 310706
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 16.0 0.0 30.8

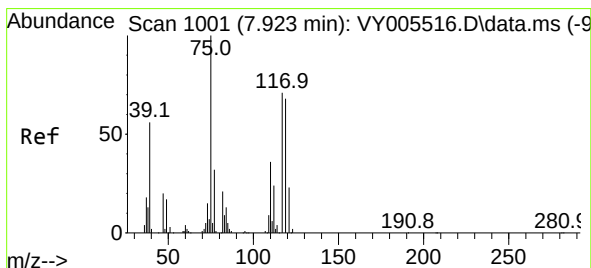
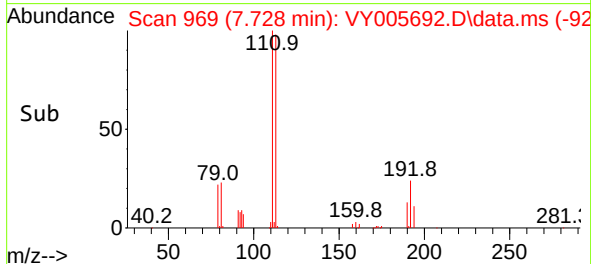
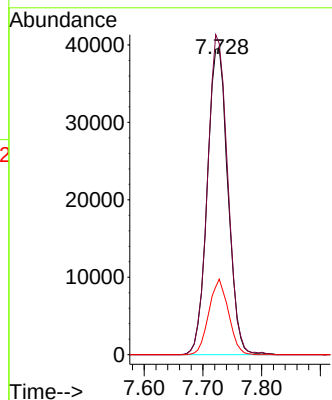
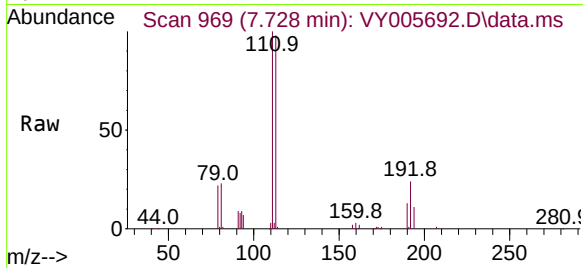




#35
Dibromofluoromethane
Concen: 55.482 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

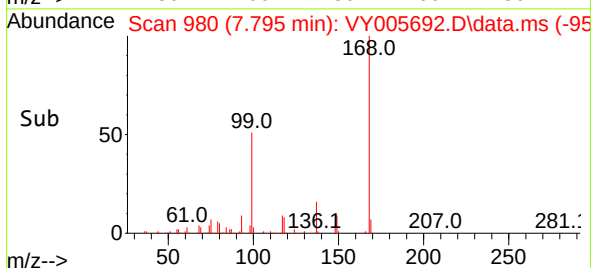
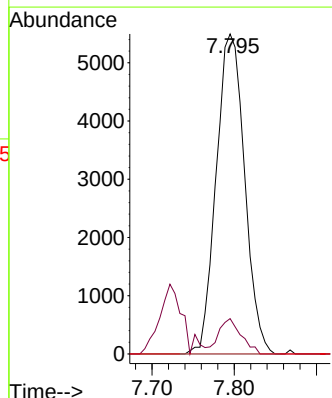
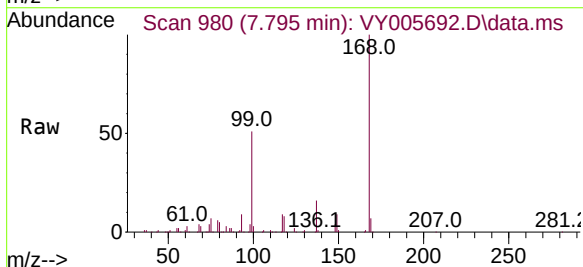
Instrument :
MSVOA_Y
ClientSampled :
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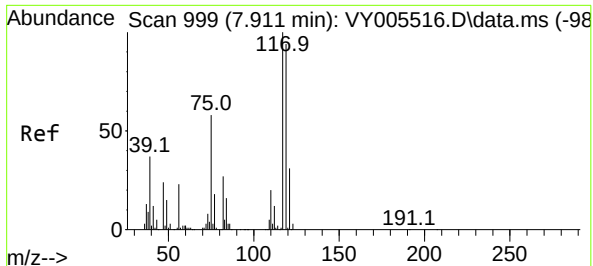
Tgt Ion:113 Resp: 96515
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 75 Resp: 13196
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.1#
77 0.0 25.1 37.7#

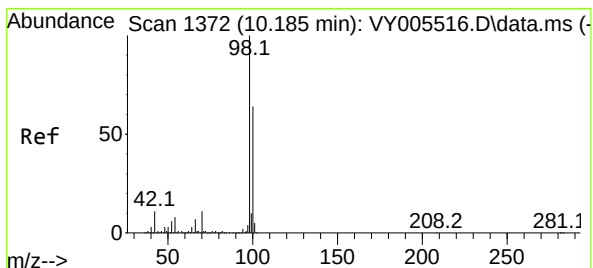
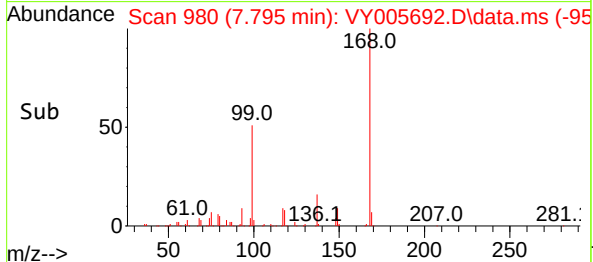
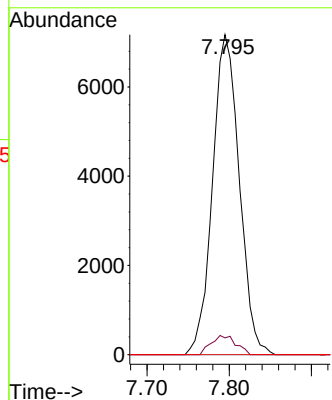
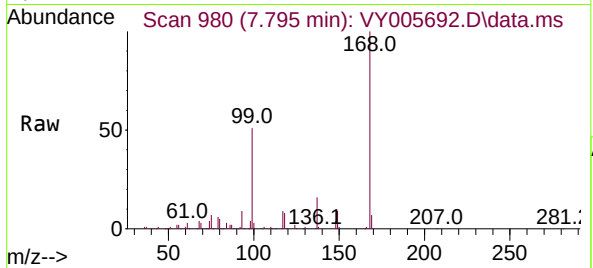




#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

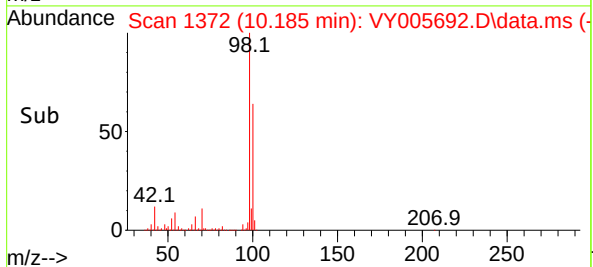
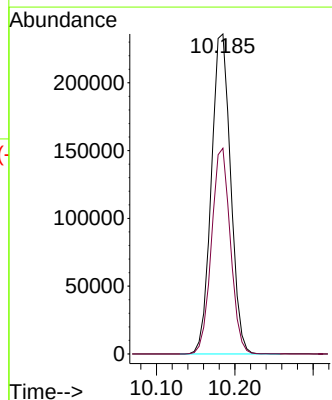
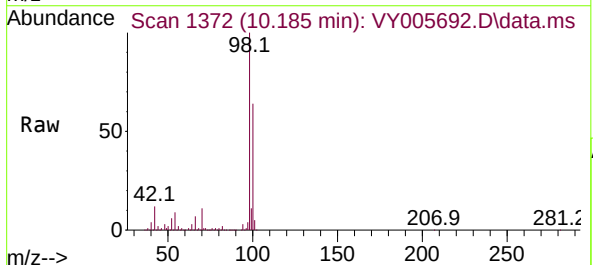
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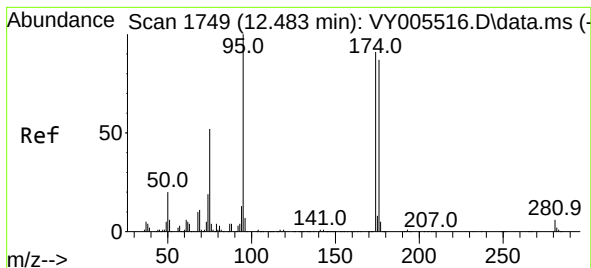
Tgt Ion:117 Resp: 16210
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.202 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 98 Resp: 402733
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

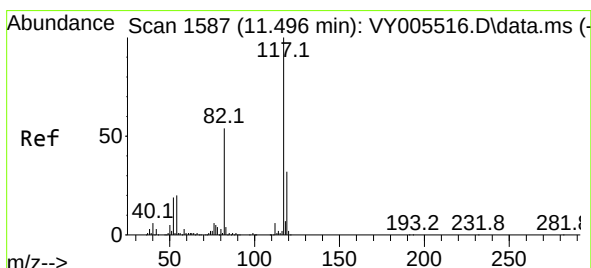
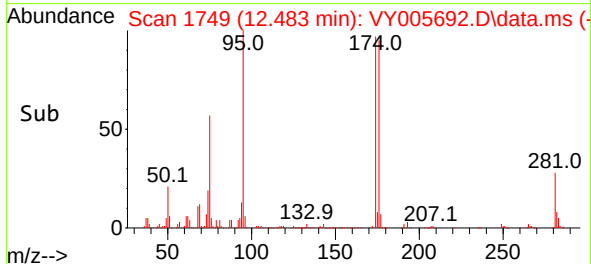
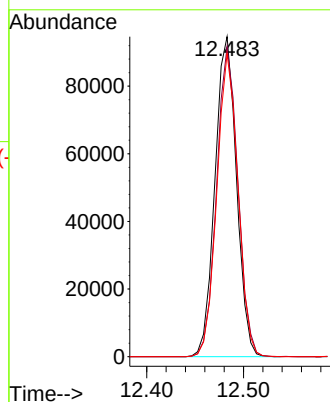
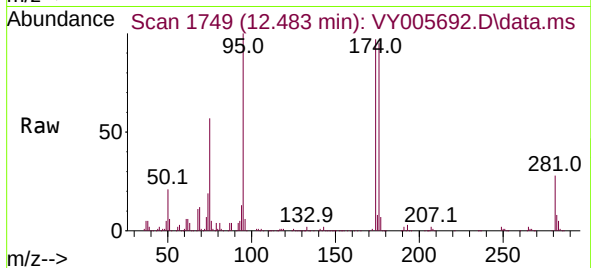




#62
4-Bromofluorobenzene
Concen: 60.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

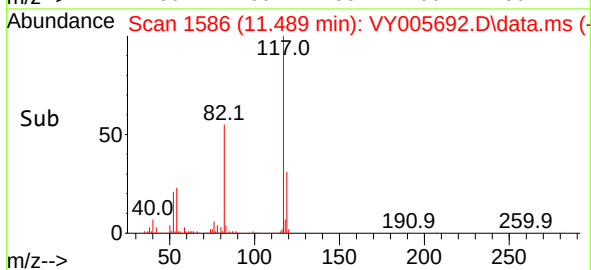
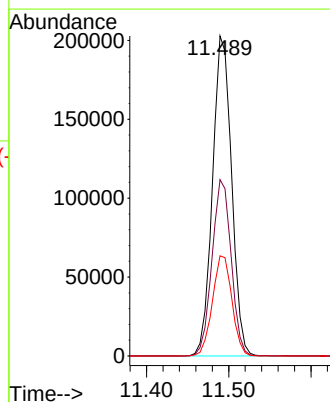
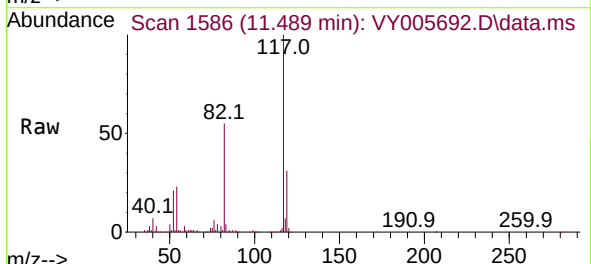
Instrument :
MSVOA_Y
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19N

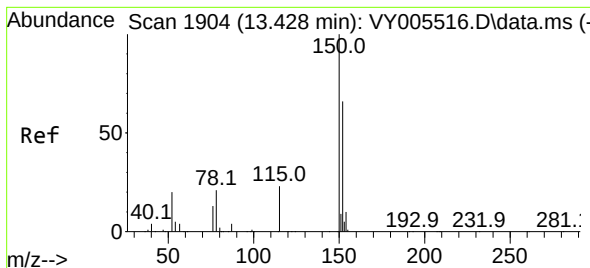
Tgt Ion: 95 Resp: 145965
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 117 Resp: 326909
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 31.3 25.5 38.3

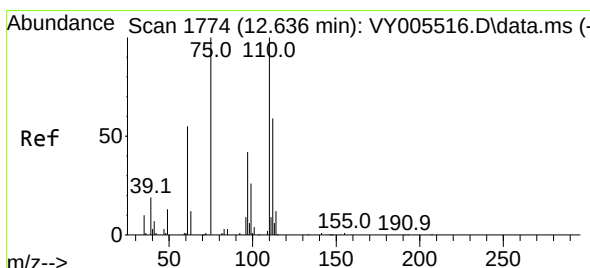
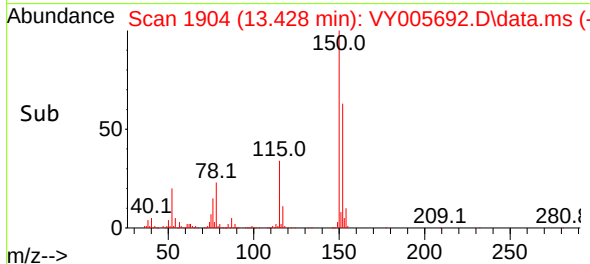
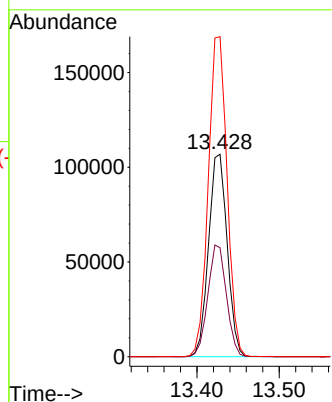
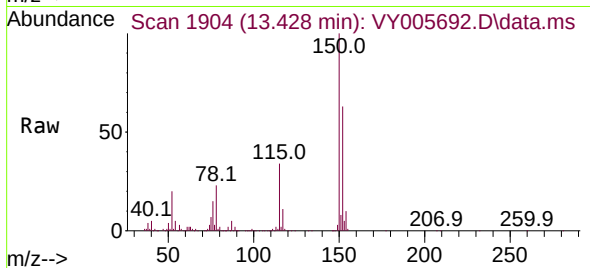




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

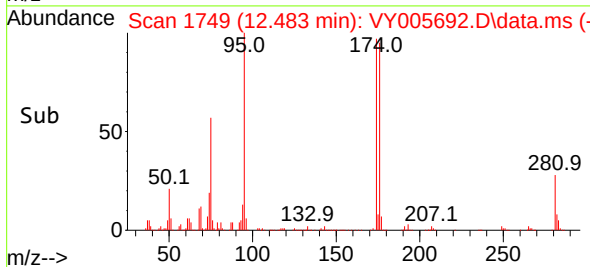
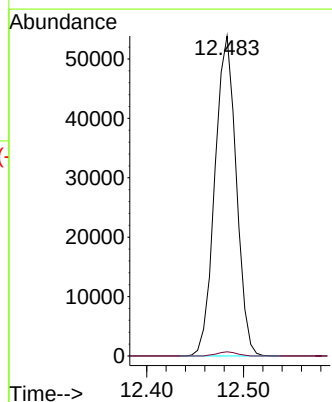
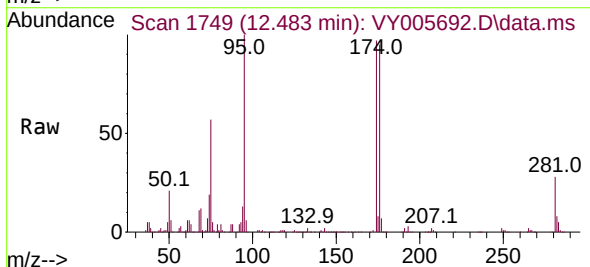
Instrument :
MSVOA_Y
ClientSampled :
19N

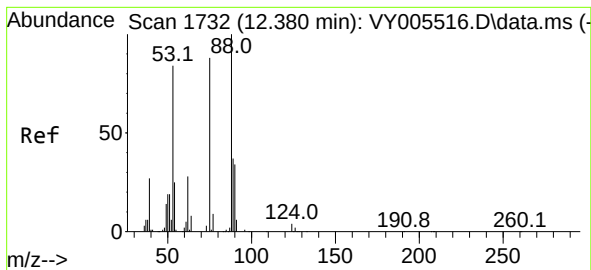
Tgt Ion:152 Resp: 168474
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 159.4 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 47.321 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005692.D
Acq: 17 Aug 2021 01:11

Tgt Ion: 75 Resp: 82617
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.393 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005692.D
 Acq: 17 Aug 2021 01:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 19N

Tgt Ion: 75 Resp: 82617
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

