

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005286.D
 Acq On : 29 Jun 2021 19:23
 Operator : SY/MD
 Sample : M2891-01RE
 Misc : 4.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-062821RE

Quant Time: Jun 30 04:01:51 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)

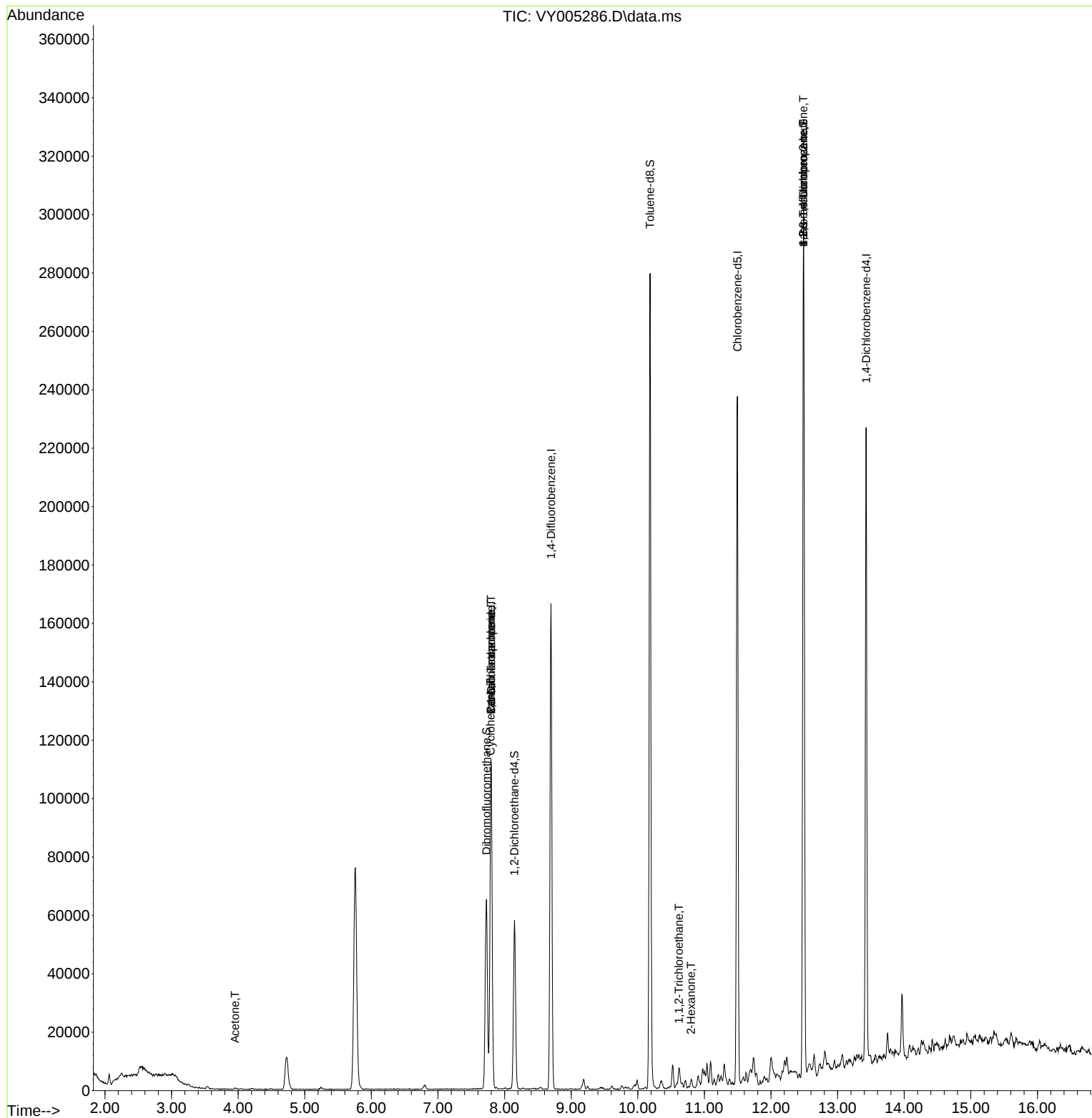
Internal Standards						
1) Pentafluorobenzene	7.795	168	97178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	147485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	140116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44556	55.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.50%			
35) Dibromofluoromethane	7.728	113	46629	53.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.22%			
50) Toluene-d8	10.185	98	181367	52.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.28%			
62) 4-Bromofluorobenzene	12.483	95	55579	47.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.90%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	26	Below Cal	#	77
16) Acetone	3.954	43	624	3.35	ug/l	89
31) Cyclohexane	7.789	56	1824	1.27	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	6071	4.67	ug/l #	47
38) Carbon Tetrachloride	7.795	117	8357	6.15	ug/l #	18
55) 1,1,2-Trichloroethane	10.618	97	2836	3.64	ug/l #	20
59) 2-Hexanone	10.800	43	1123	2.53	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	27295	51.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27295	95.63	ug/l #	18

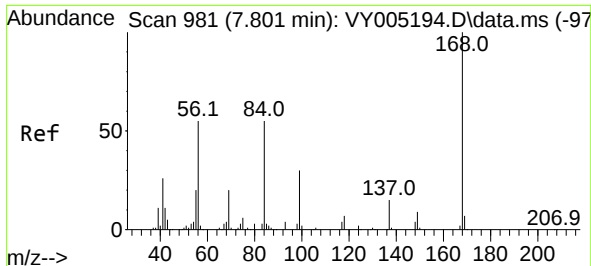
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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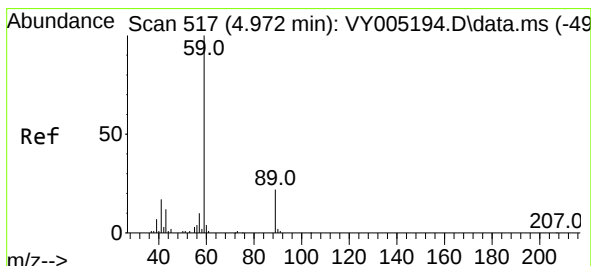
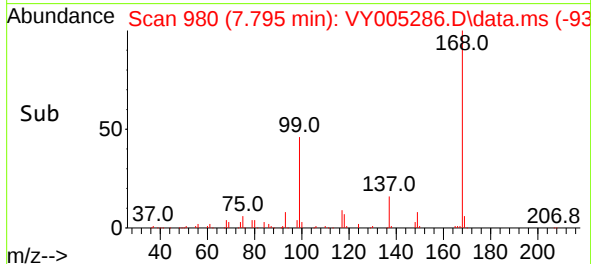
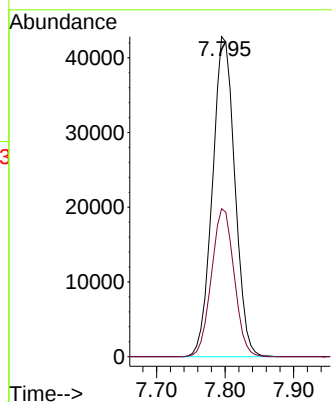
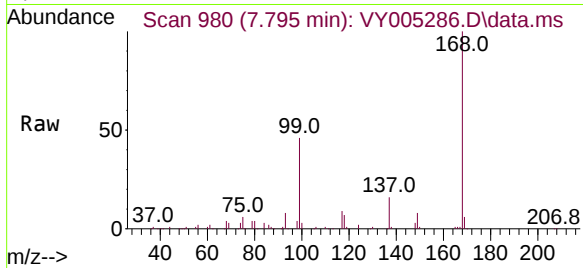




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

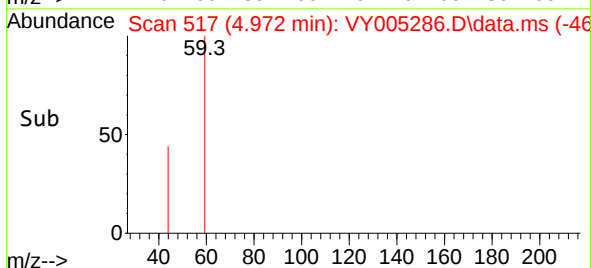
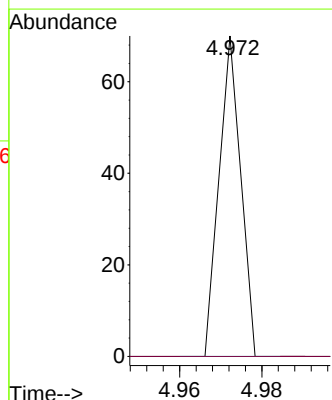
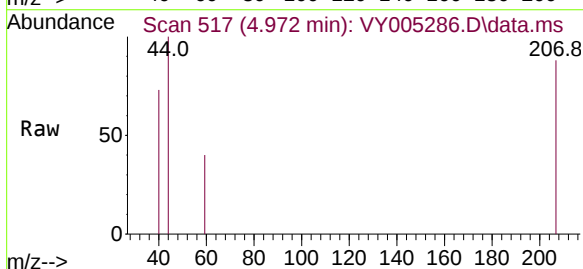
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

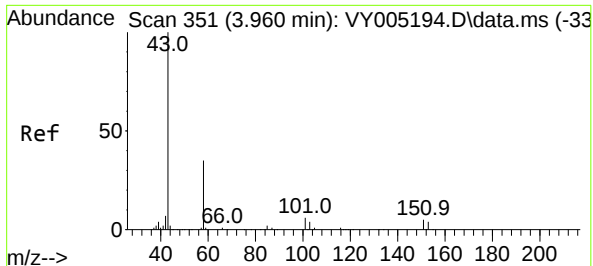
Tgt Ion:168 Resp: 97178
Ion Ratio Lower Upper
168 100
99 46.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

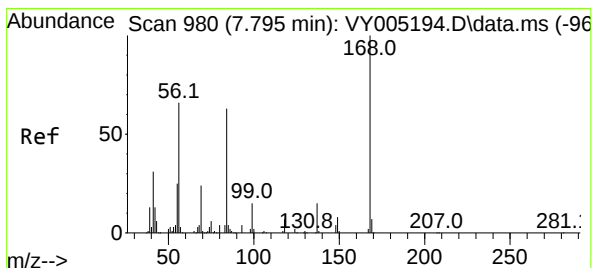
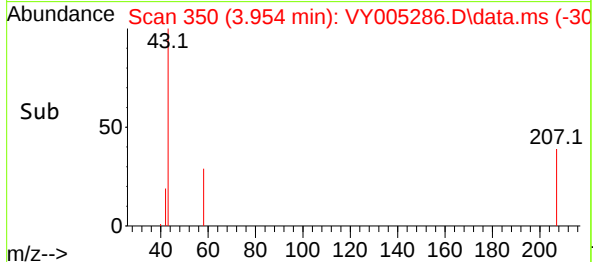
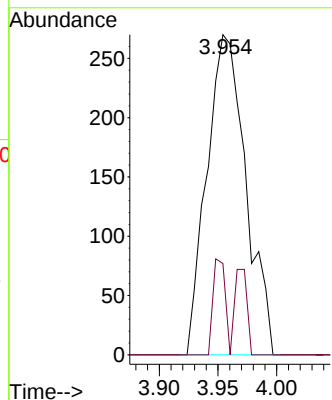
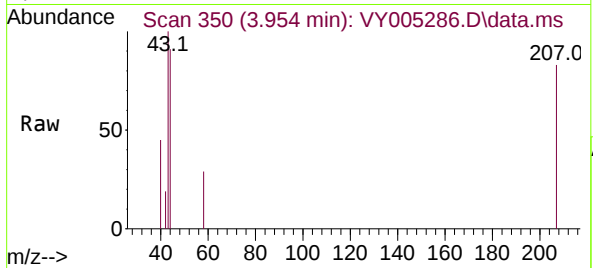




#16
Acetone
Concen: 3.35 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

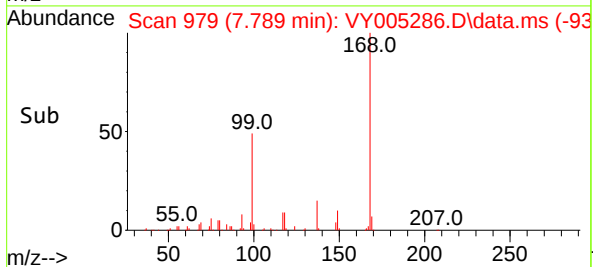
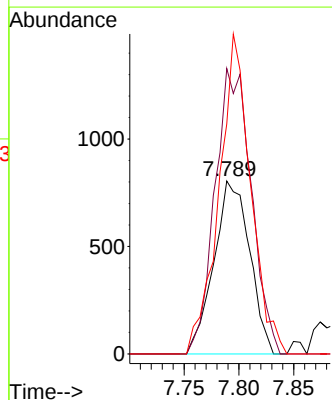
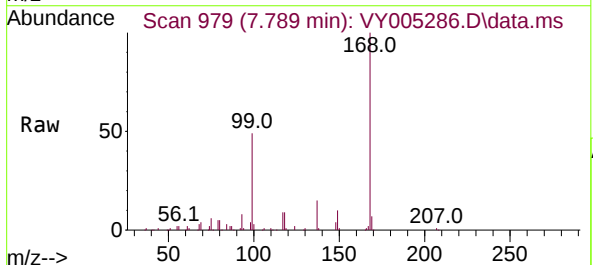
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

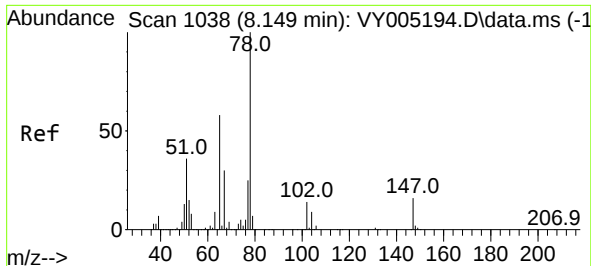
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 28.5 28.2 42.2



#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 56 Resp: 1824
Ion Ratio Lower Upper
56 100
69 165.0 29.6 44.4#
84 132.9 76.4 114.6#

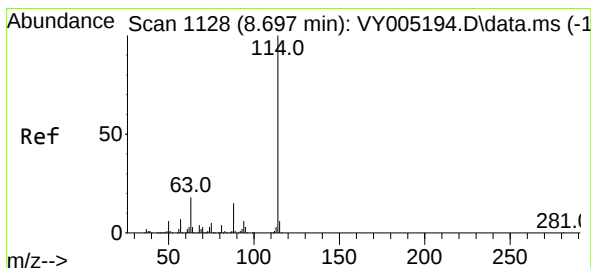
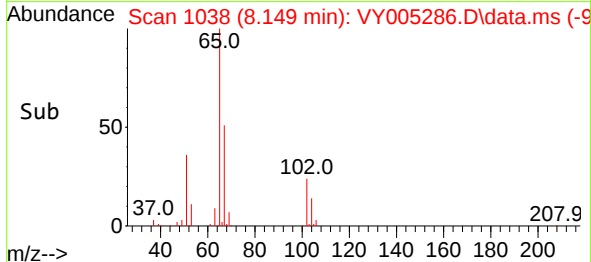
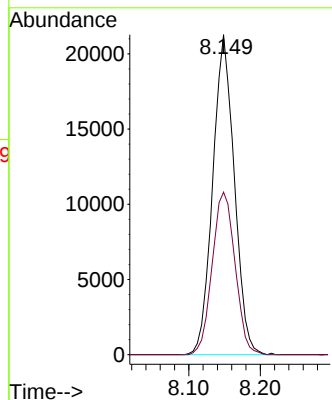
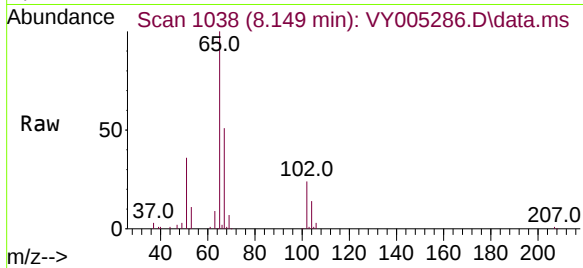




#33
 1,2-Dichloroethane-d4
 Concen: 55.25 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005286.D
 Acq: 29 Jun 2021 19:23

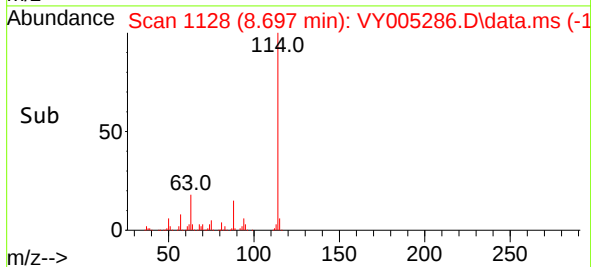
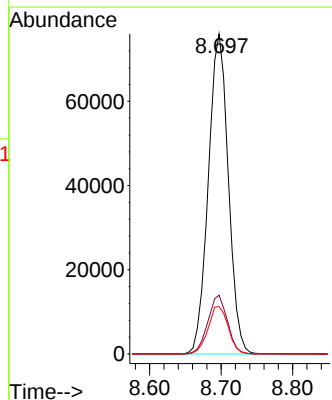
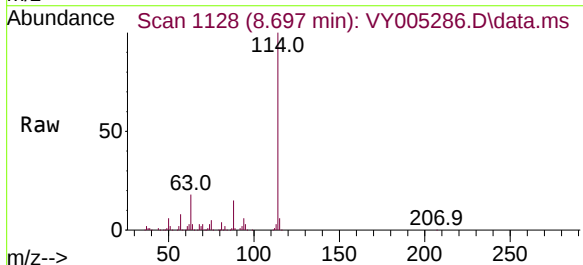
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-062821RE

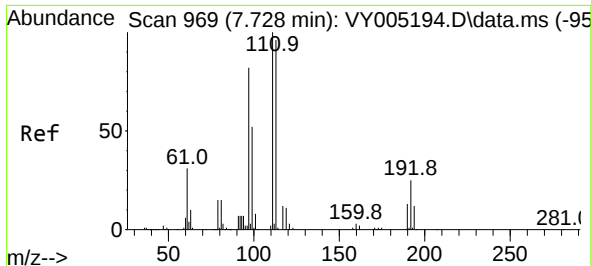
Tgt Ion: 65 Resp: 44556
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005286.D
 Acq: 29 Jun 2021 19:23

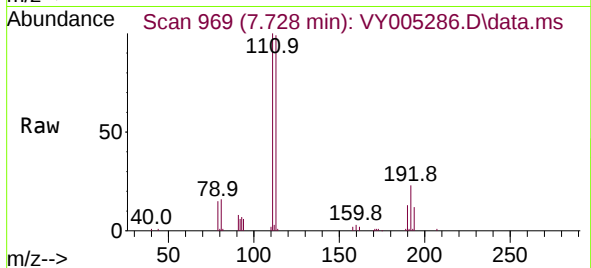
Tgt Ion:114 Resp: 147485
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.2
 88 14.8 0.0 29.4



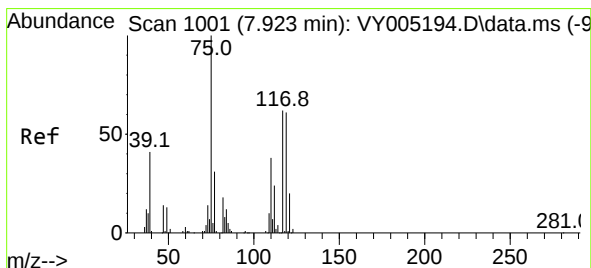
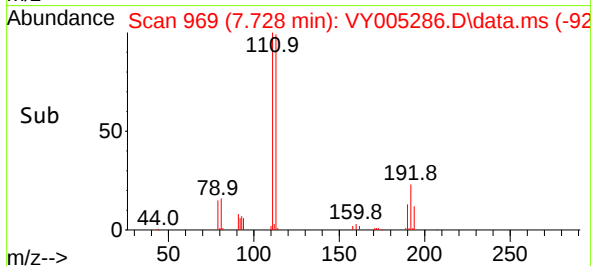
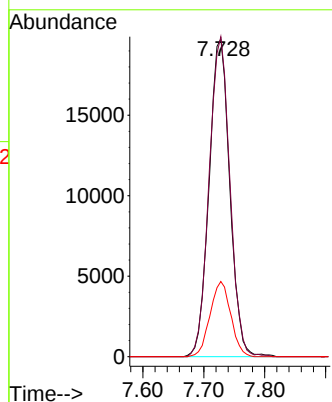


#35
Dibromofluoromethane
Concen: 53.61 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

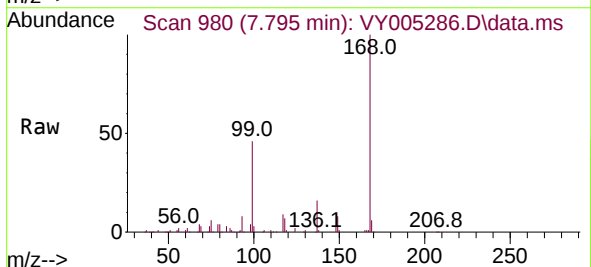
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE



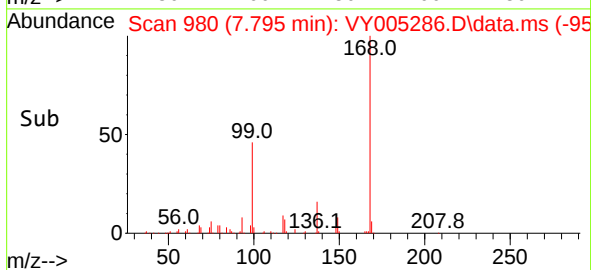
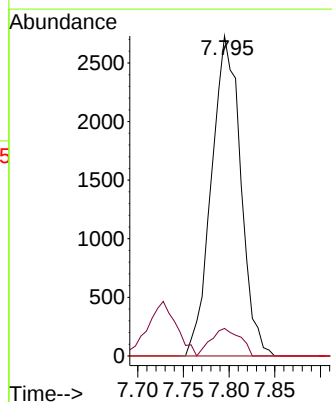
Tgt Ion:113 Resp: 46629
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 23.7 20.2 30.2

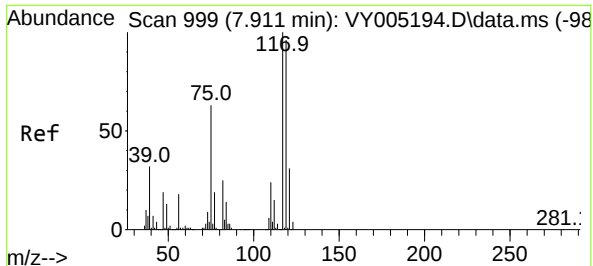


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23



Tgt Ion: 75 Resp: 6071
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.5#
77 0.0 25.2 37.8#

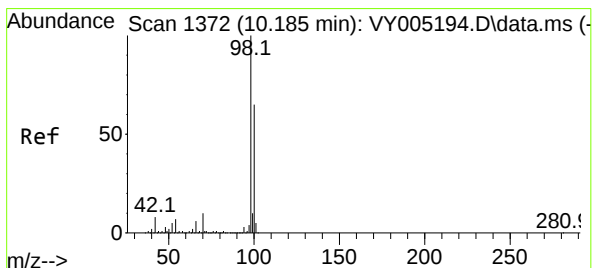
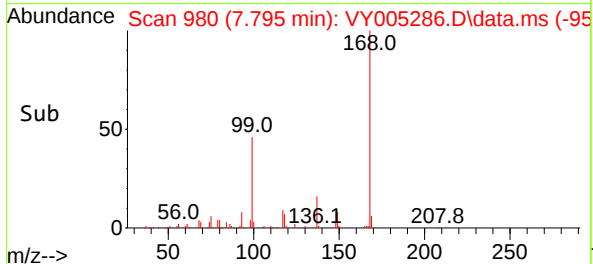
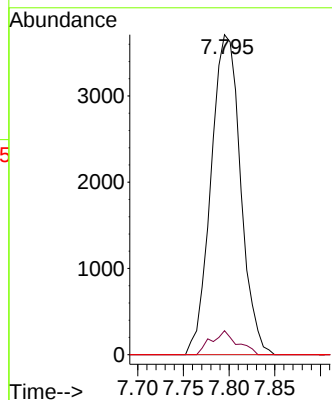
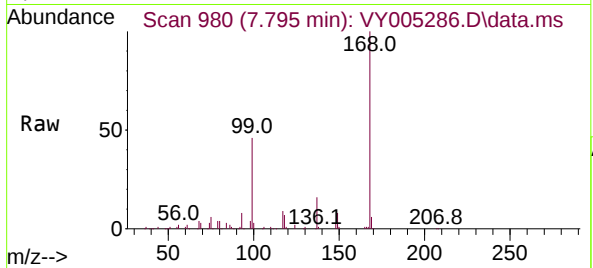




#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

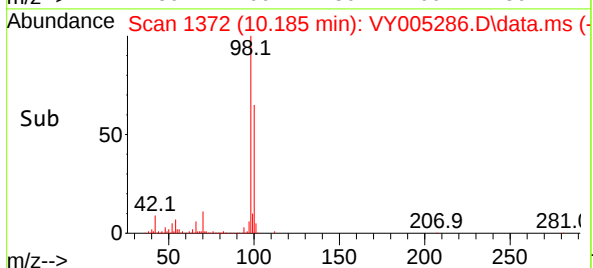
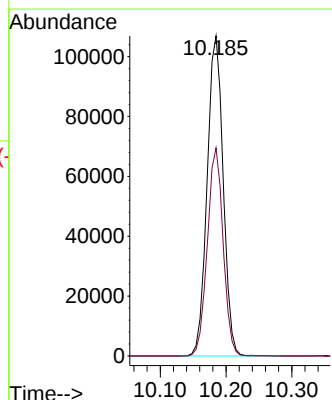
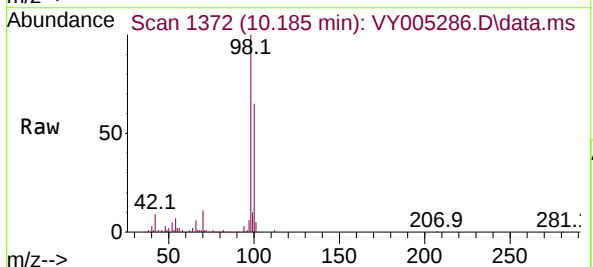
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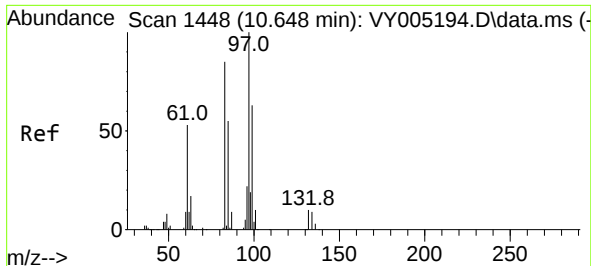
Tgt Ion:117 Resp: 8357
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 98 Resp: 181367
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

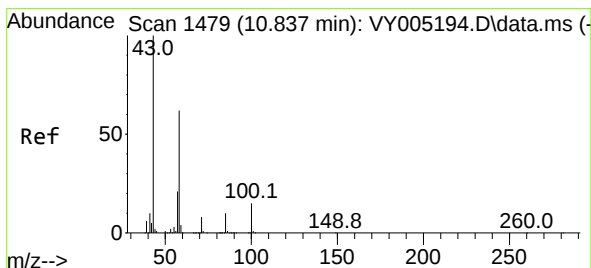
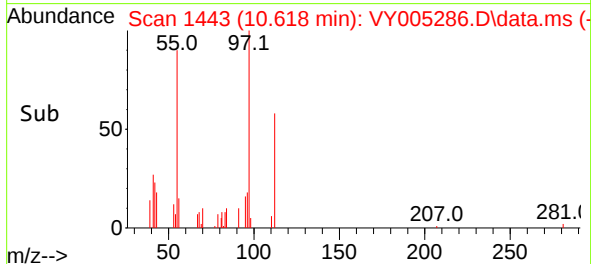
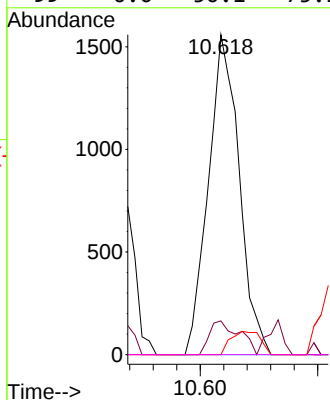
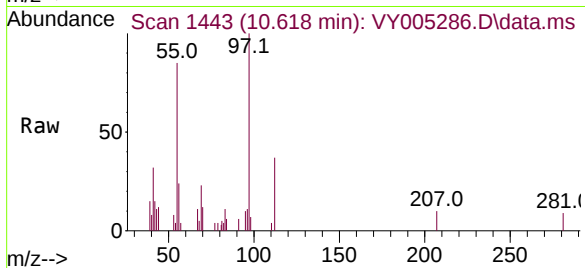




#55
1,1,2-Trichloroethane
Concen: 3.64 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

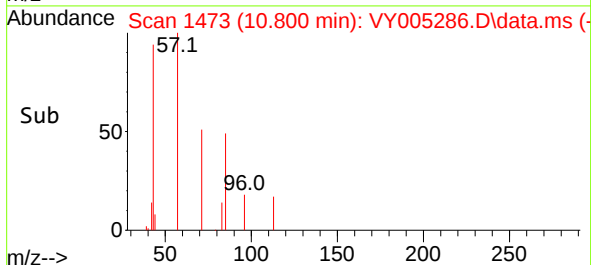
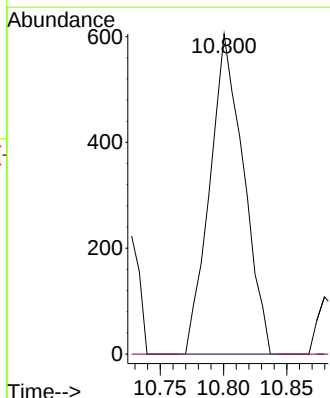
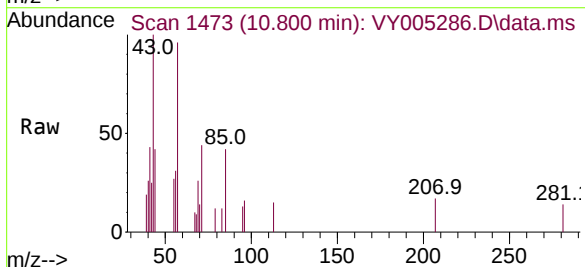
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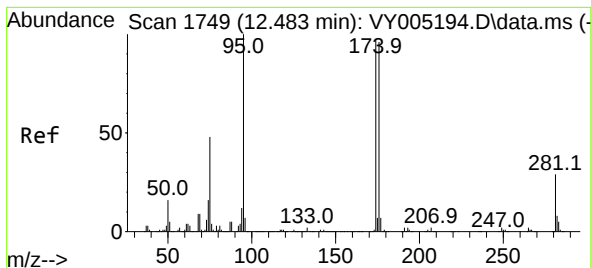
Tgt Ion: 97	Resp: 2836
Ion Ratio	Lower Upper
97 100	
83 10.5	68.4 102.6#
85 0.0	43.7 65.5#
99 0.0	50.1 75.1#



#59
2-Hexanone
Concen: 2.53 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 43	Resp: 1123
Ion Ratio	Lower Upper
43 100	
58 0.0	30.8 92.4#

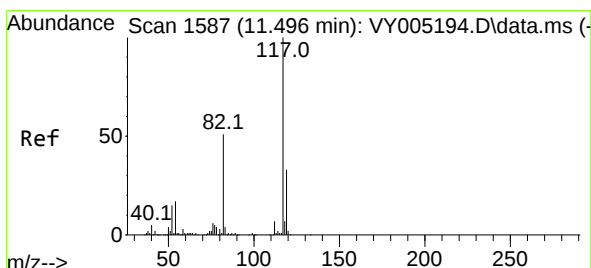
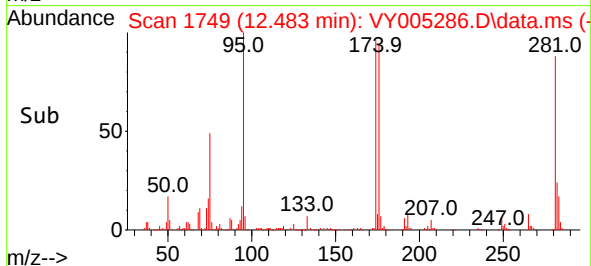
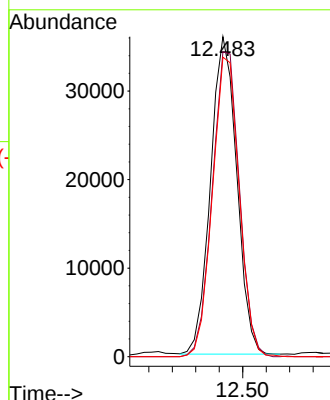
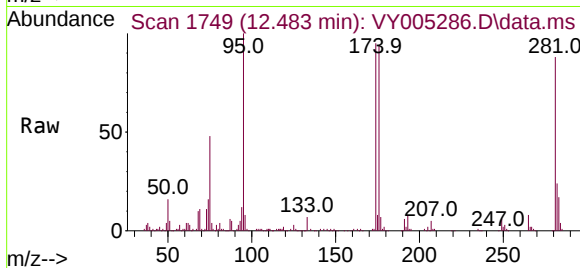




#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

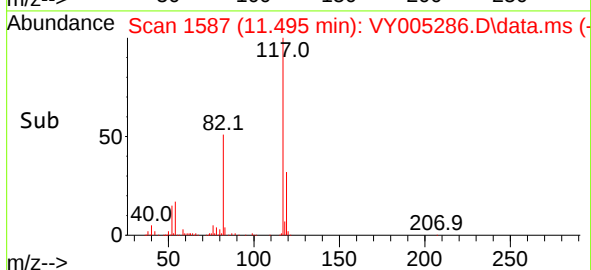
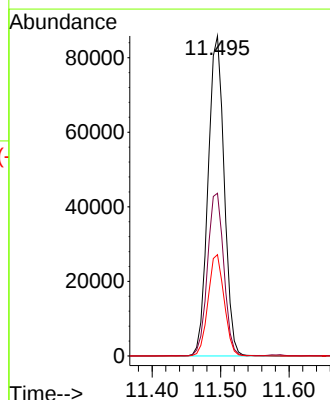
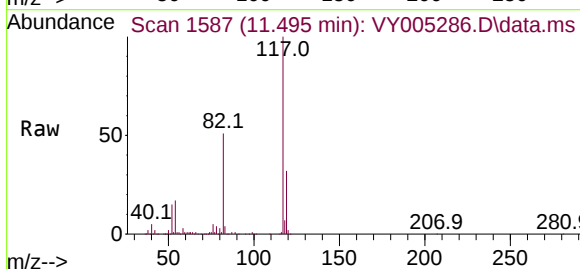
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

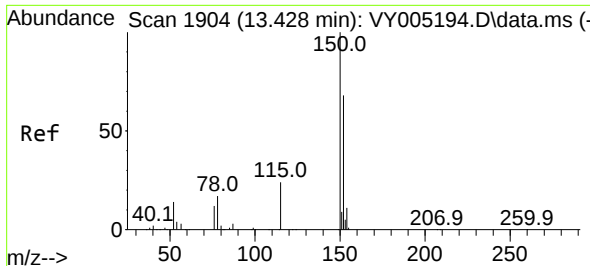
Tgt Ion:	95	Resp:	55579
Ion Ratio	Lower	Upper	
95	100		
174	99.2	0.0	201.6
176	96.2	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion:	117	Resp:	140116
Ion Ratio	Lower	Upper	
117	100		
82	50.7	40.6	60.8
119	31.6	26.1	39.1

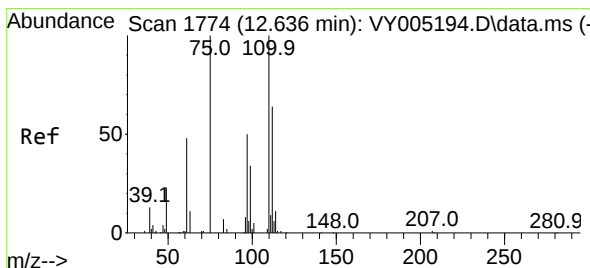
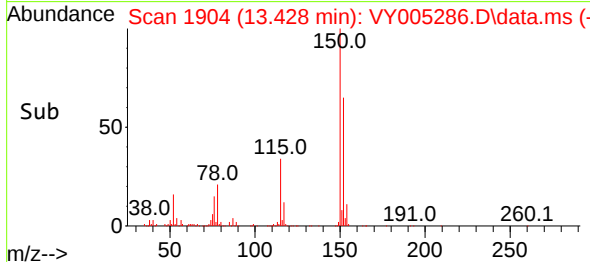
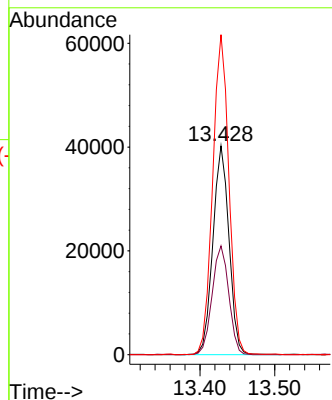
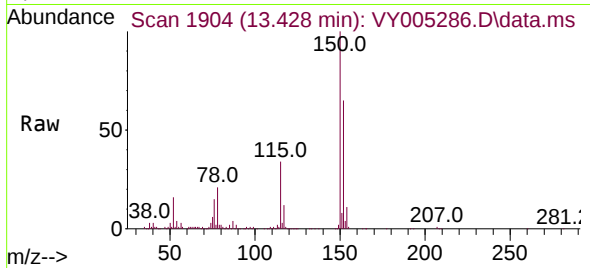




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005286.D
 Acq: 29 Jun 2021 19:23

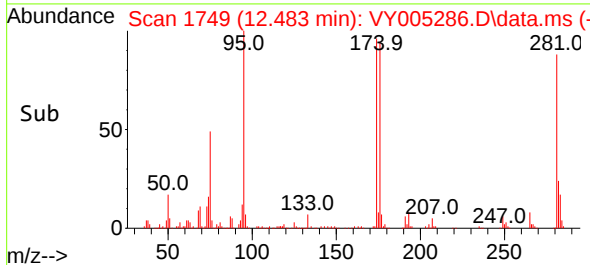
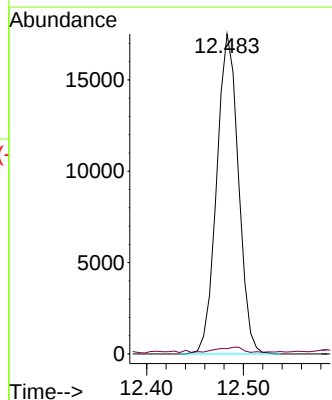
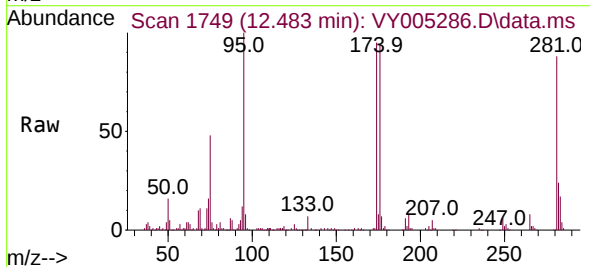
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-062821RE

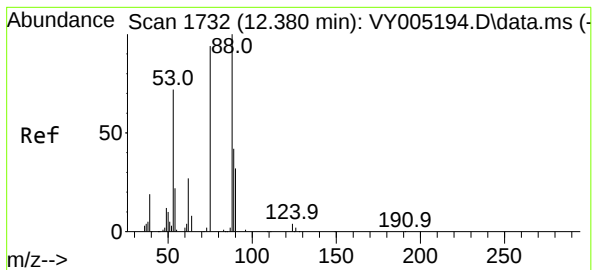
Tgt Ion:152 Resp: 60045
 Ion Ratio Lower Upper
 152 100
 115 54.0 26.3 78.8
 150 154.3 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 51.26 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005286.D
 Acq: 29 Jun 2021 19:23

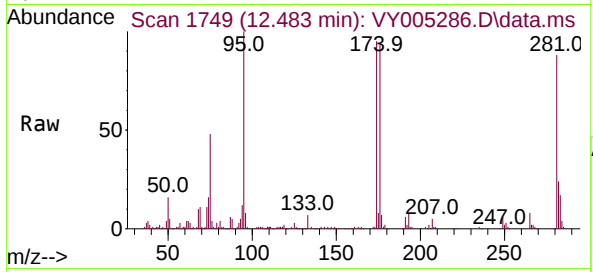
Tgt Ion: 75 Resp: 27295
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.63 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005286.D
 Acq: 29 Jun 2021 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-062821RE



Tgt Ion:	75	Resp:	27295
Ion	Ratio	Lower	Upper
75	100		
53	0.6	63.0	94.4#
89	1.2	38.0	57.0#

