

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005284.D
 Acq On : 29 Jun 2021 18:37
 Operator : SY/MD
 Sample : M2885-01
 Misc : 5.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26644

Quant Time: Jun 30 04:01:33 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)

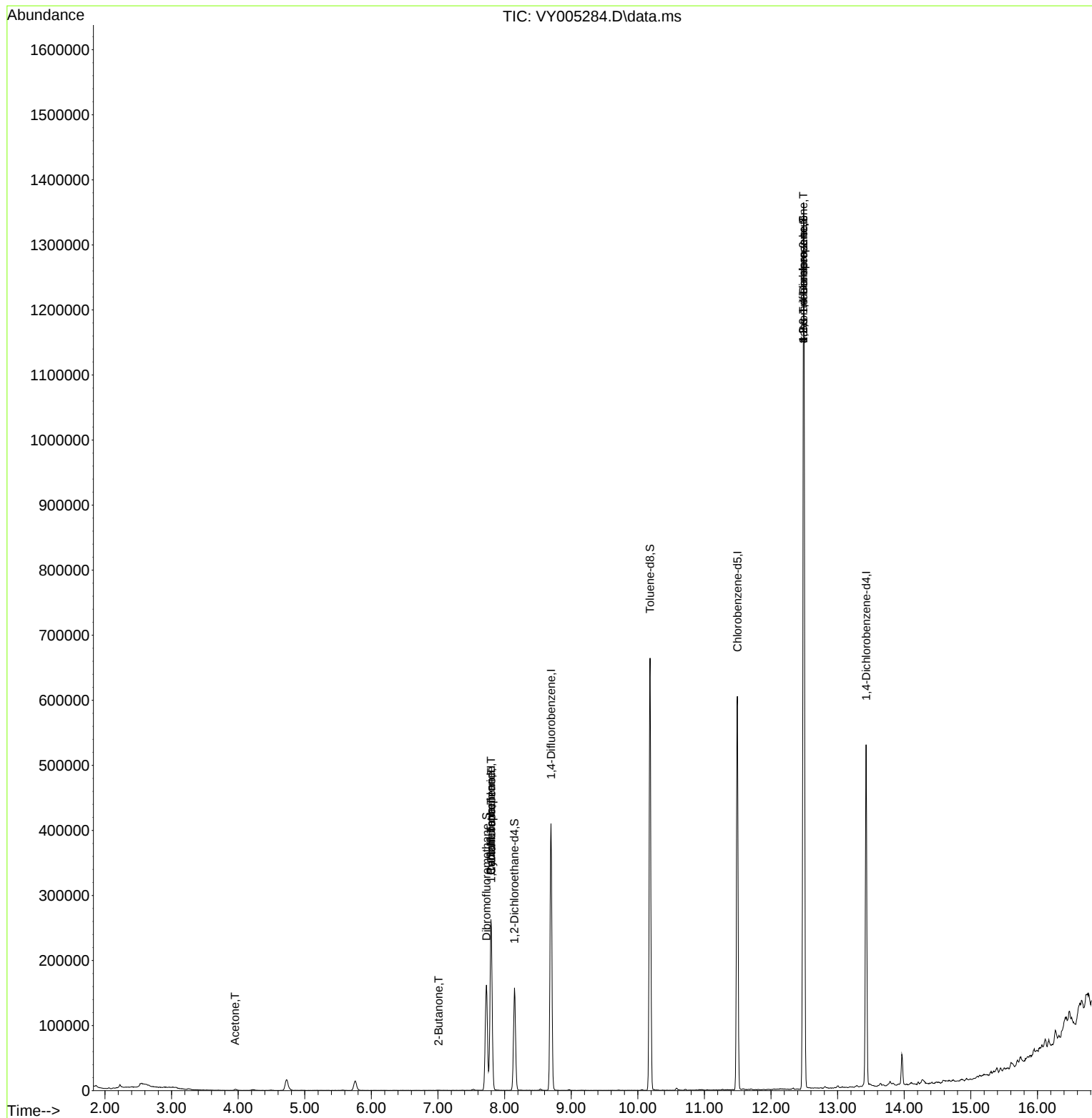
Internal Standards						
1) Pentafluorobenzene	7.795	168	225432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	366336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	353715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118745	63.47	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.94%		
35) Dibromofluoromethane	7.728	113	115281	53.36	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.72%		
50) Toluene-d8	10.185	98	442846	51.26	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.52%		
62) 4-Bromofluorobenzene	12.483	95	148364	51.53	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.06%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	633	Below Cal	#	77
16) Acetone	3.954	43	2889	6.68	ug/l	99
20) Methylene Chloride	4.729	84	13548	Below Cal		94
25) 2-Butanone	7.009	43	696	1.10	ug/l #	43
31) Cyclohexane	7.795	56	3426	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14143	4.38	ug/l #	47
38) Carbon Tetrachloride	7.795	117	19102	5.66	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	75385	59.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75385	110.32	ug/l #	19

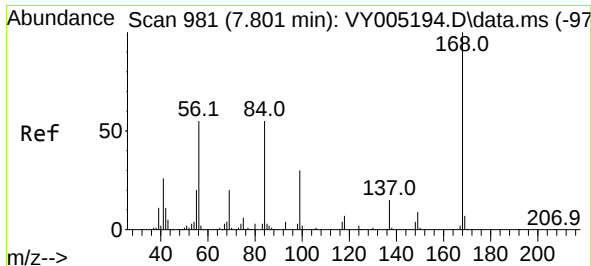
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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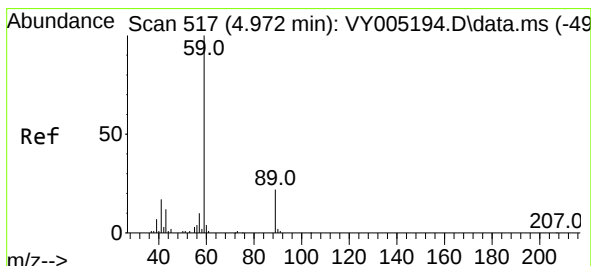
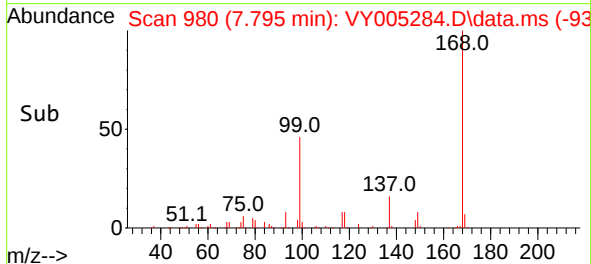
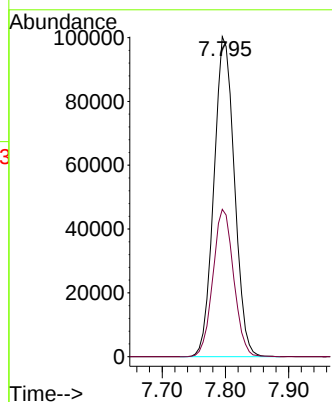
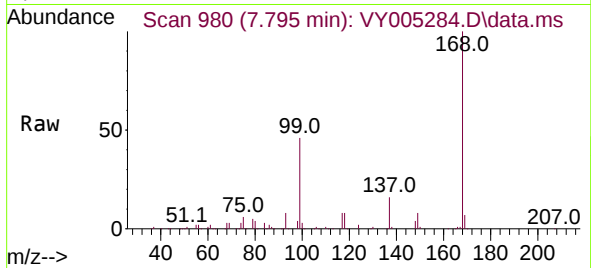




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

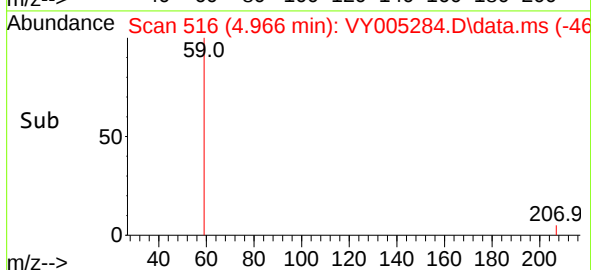
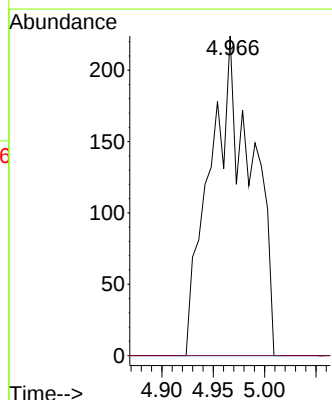
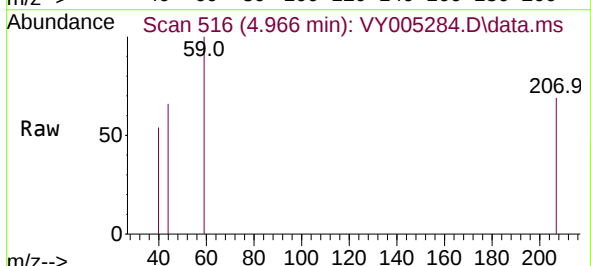
Instrument :
MSVOA_Y
ClientSampled :
26644

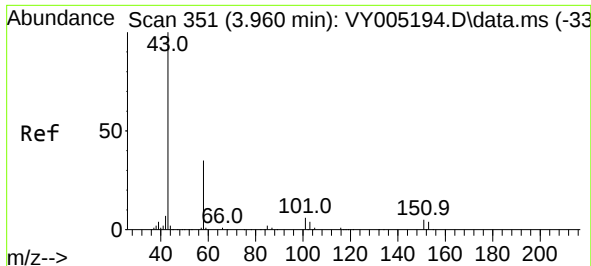
Tgt Ion:168 Resp: 225432
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 59 Resp: 633
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

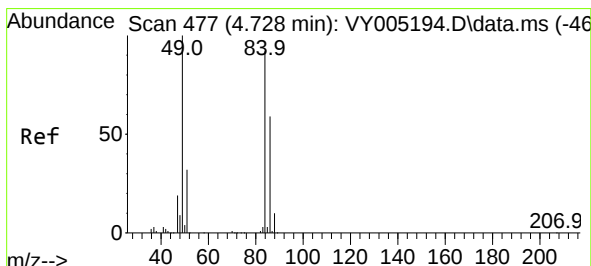
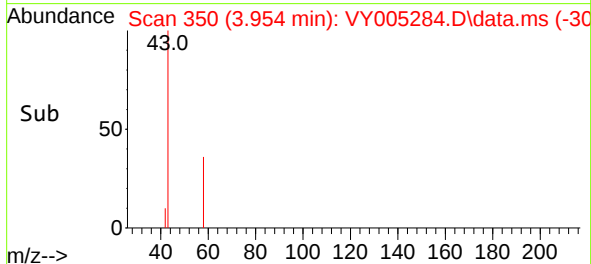
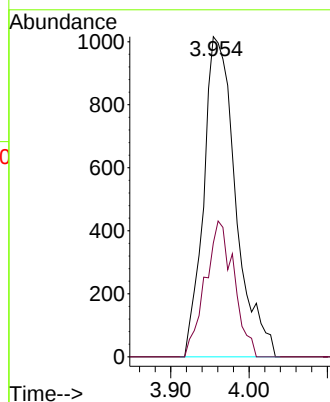
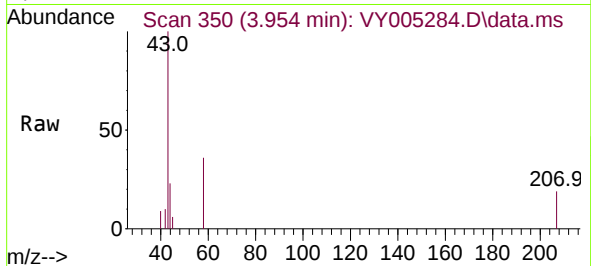




#16
Acetone
Concen: 6.68 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

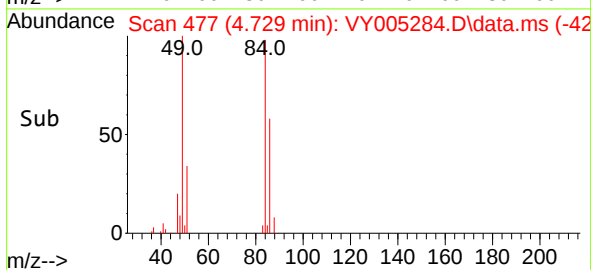
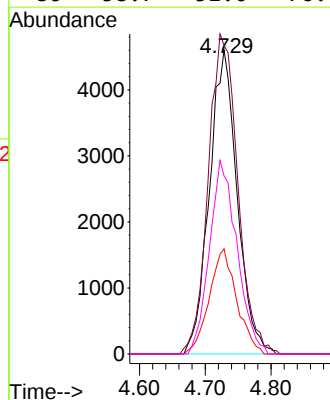
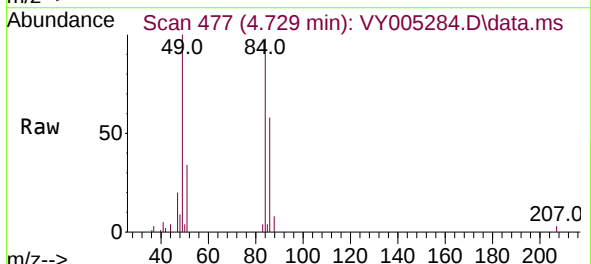
Instrument :
MSVOA_Y
ClientSampleId :
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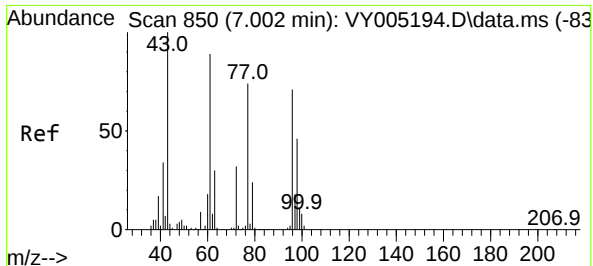
Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 84 Resp: 13548
Ion Ratio Lower Upper
84 100
49 101.5 86.9 130.3
51 34.6 27.4 41.2
86 58.7 51.0 76.6

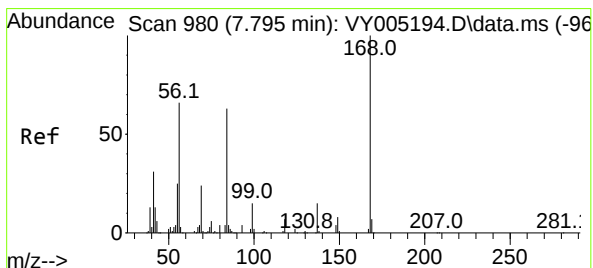
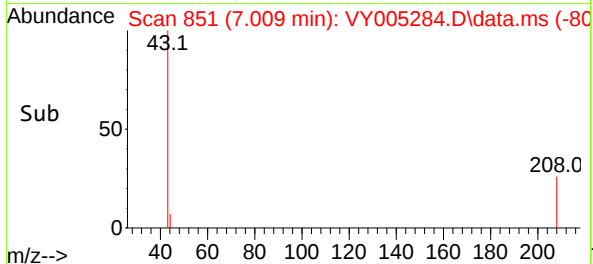
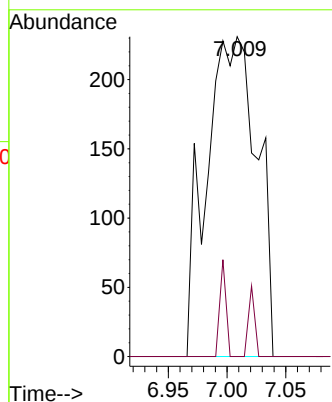
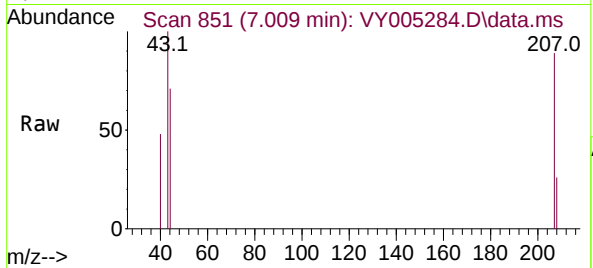




#25
2-Butanone
Concen: 1.10 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

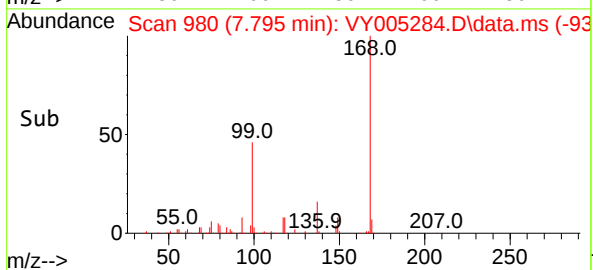
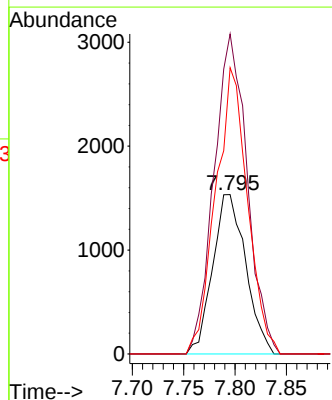
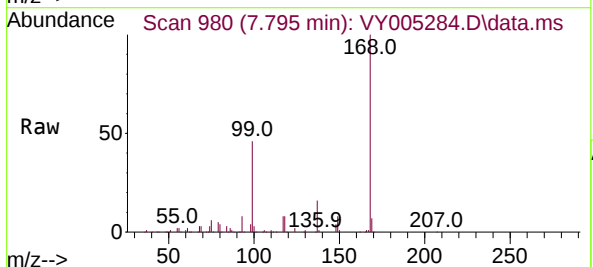
Instrument :
MSVOA_Y
ClientSampled :
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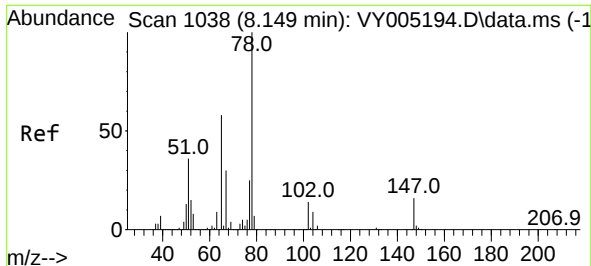
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 56 Resp: 3426
Ion Ratio Lower Upper
56 100
69 200.8 29.6 44.4#
84 179.6 76.4 114.6#

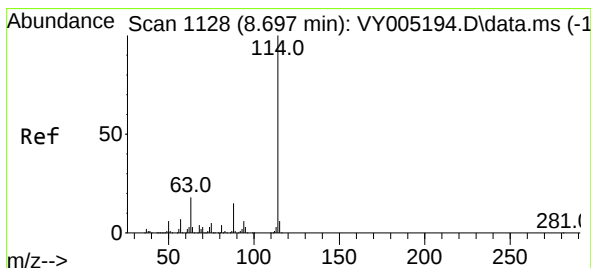
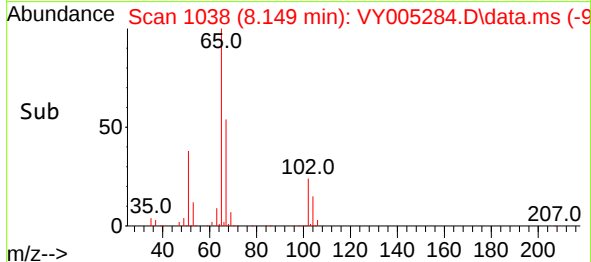
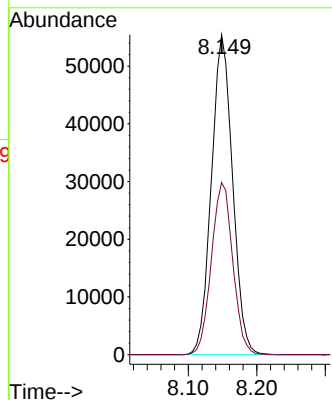
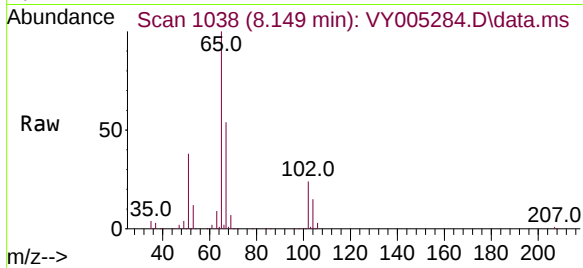




#33
1,2-Dichloroethane-d4
Concen: 63.47 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

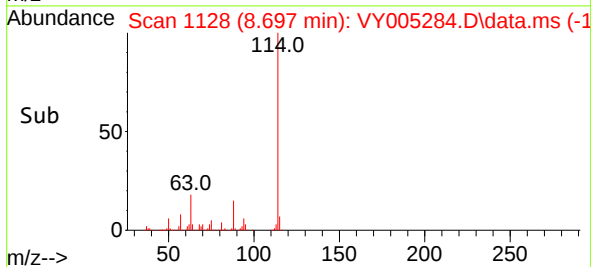
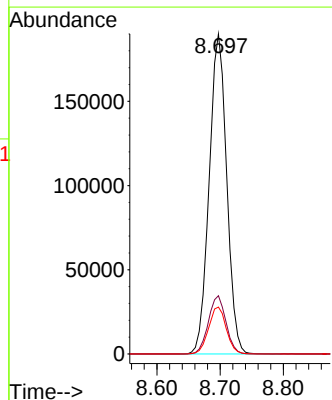
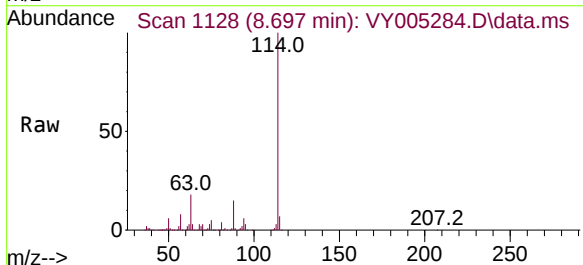
Instrument :
MSVOA_Y
ClientSampled :
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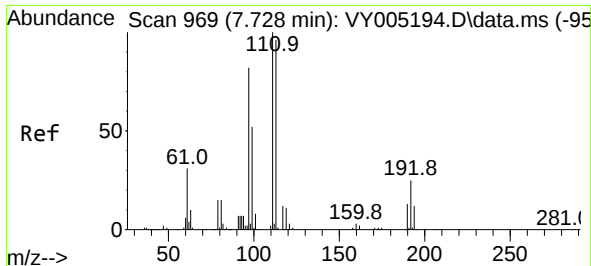
Tgt Ion: 65 Resp: 118745
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion:114 Resp: 366336
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.2
88 14.7 0.0 29.4

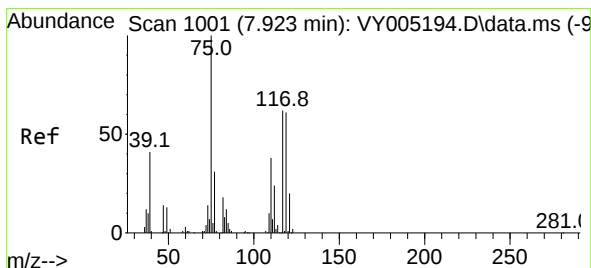
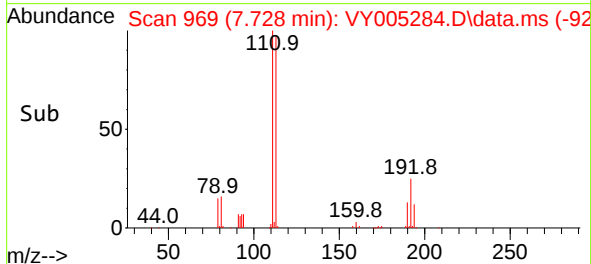
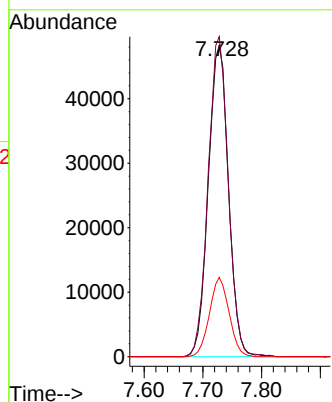
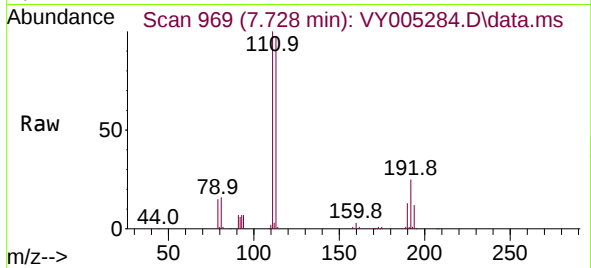




#35
Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

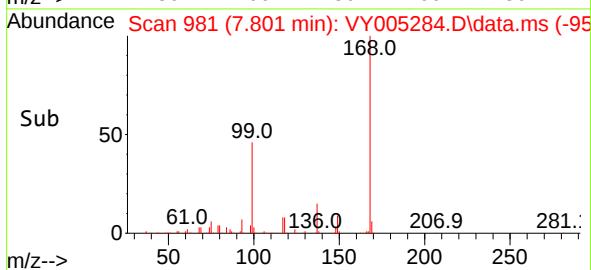
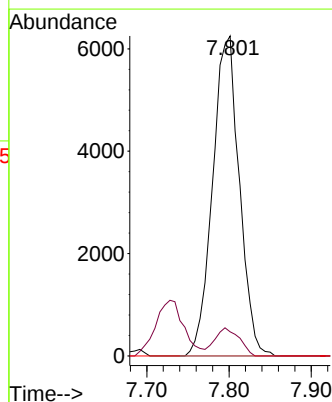
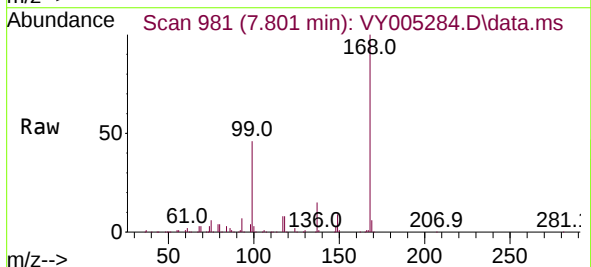
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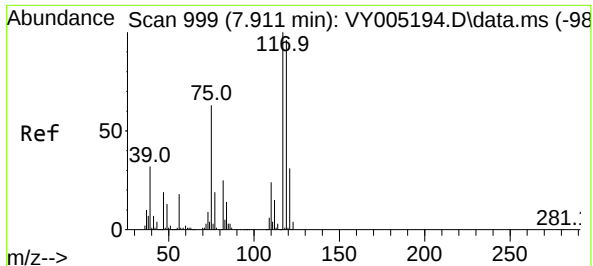
Tgt Ion:113 Resp: 115281
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 24.8 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 75 Resp: 14143
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.5#
77 0.0 25.2 37.8#

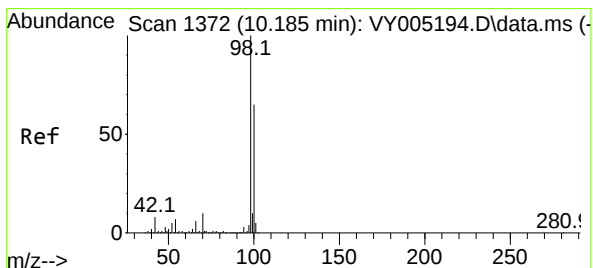
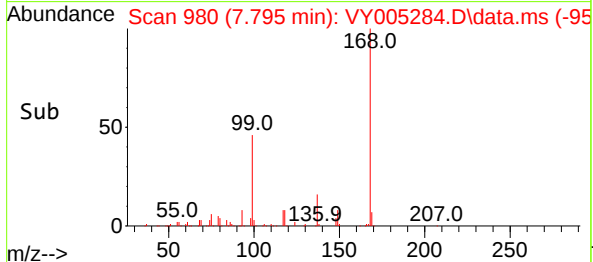
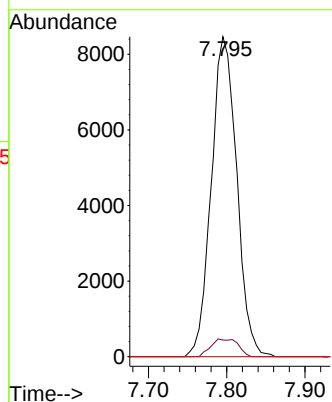
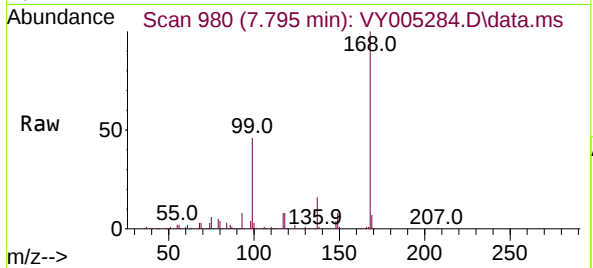




#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

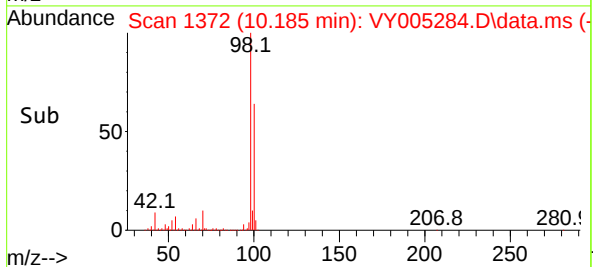
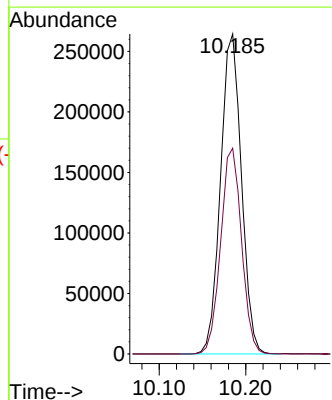
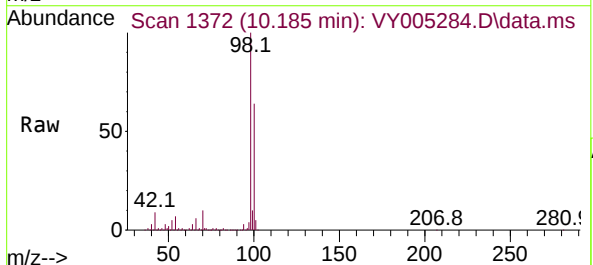
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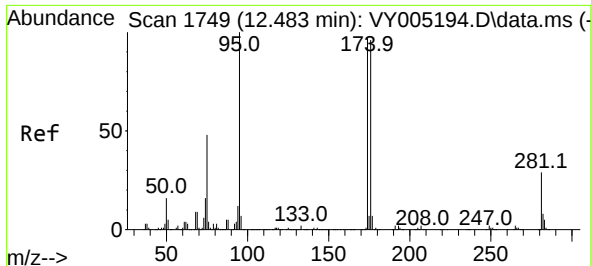
Tgt Ion:117 Resp: 19102
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.26 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 98 Resp: 442846
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

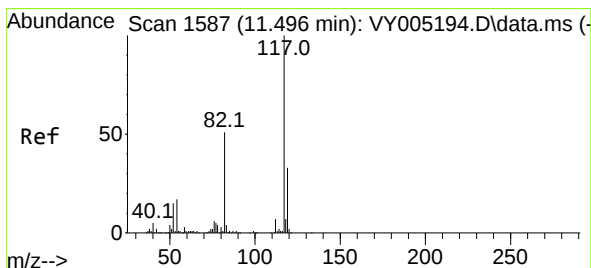
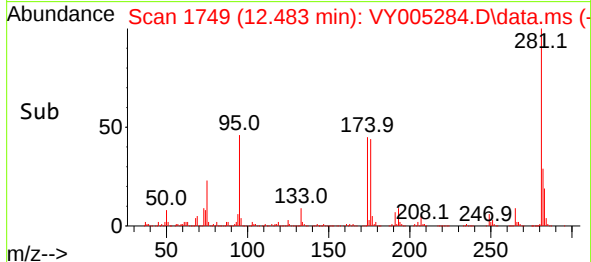
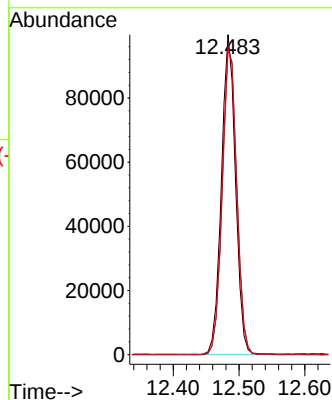
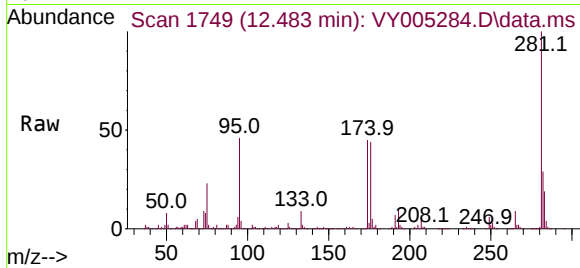




#62
4-Bromofluorobenzene
Concen: 51.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

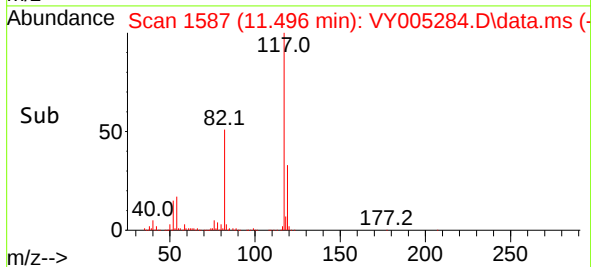
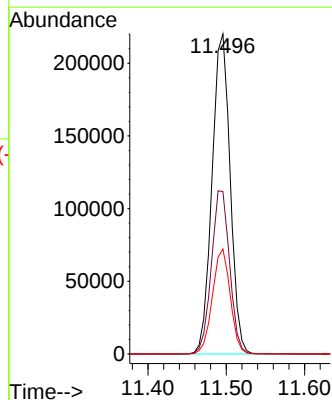
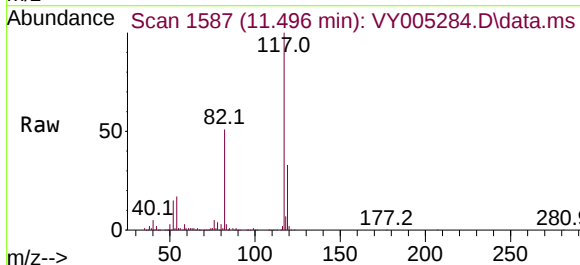
Instrument :
MSVOA_Y
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26644

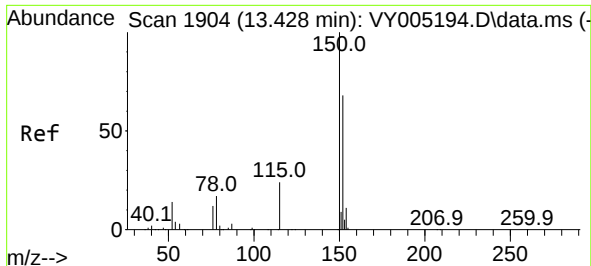
Tgt Ion: 95 Resp: 148364
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.6
176 98.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Tgt Ion: 117 Resp: 353715
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.8 26.1 39.1

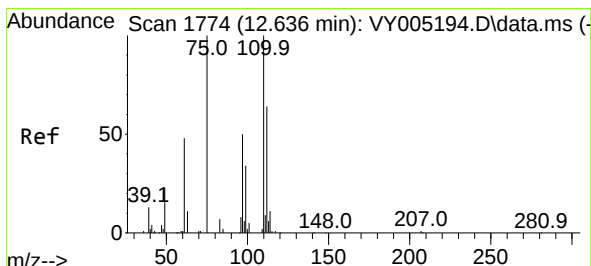
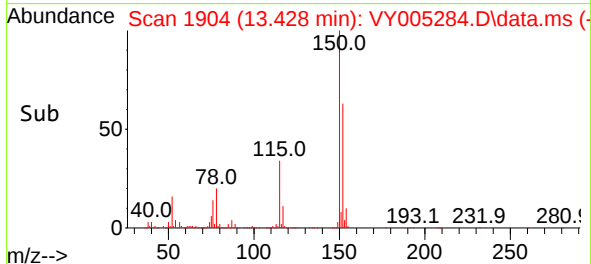
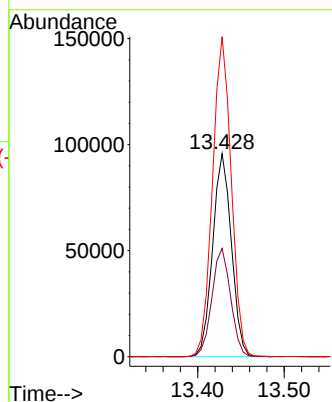
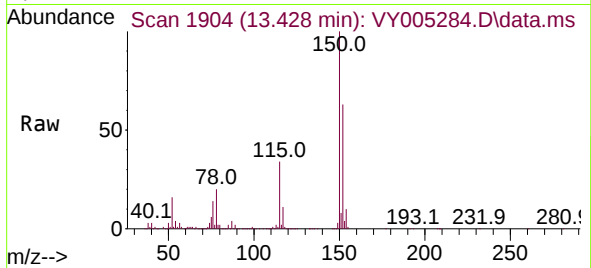




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005284.D
 Acq: 29 Jun 2021 18:37

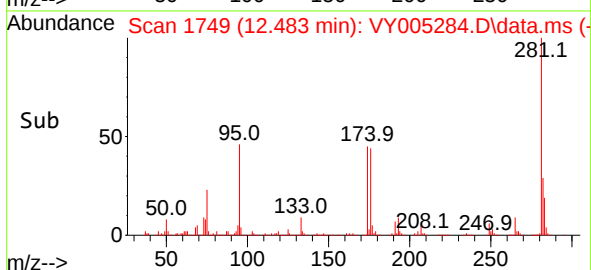
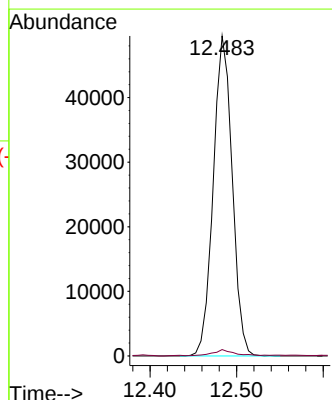
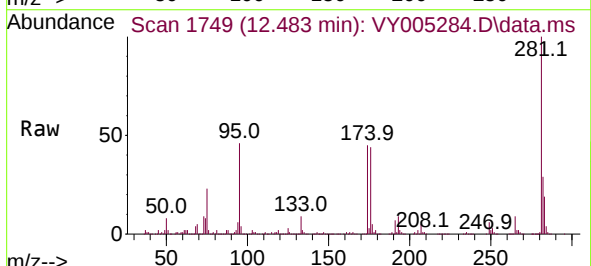
Instrument :
 MSVOA_Y
 ClientSampled :
 26644

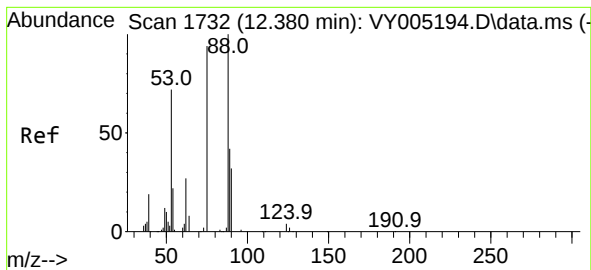
Tgt Ion:152 Resp: 143753
 Ion Ratio Lower Upper
 152 100
 115 53.3 26.3 78.8
 150 157.7 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 59.13 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005284.D
 Acq: 29 Jun 2021 18:37

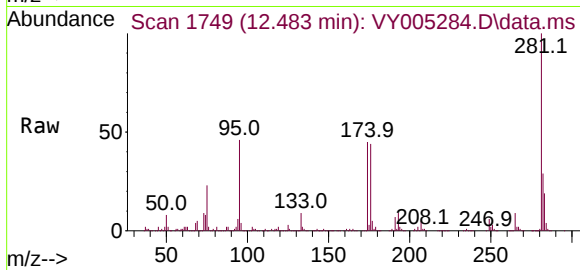
Tgt Ion: 75 Resp: 75385
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005284.D
Acq: 29 Jun 2021 18:37

Instrument :
MSVOA_Y
ClientSampleId :
26644



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	63.0	94.4#
89	2.7	38.0	57.0#

