

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005323.D
 Acq On : 01 Jul 2021 18:44
 Operator : SY/MD
 Sample : M2913-07
 Misc : 6.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3400

Quant Time: Jul 02 05:18:48 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)

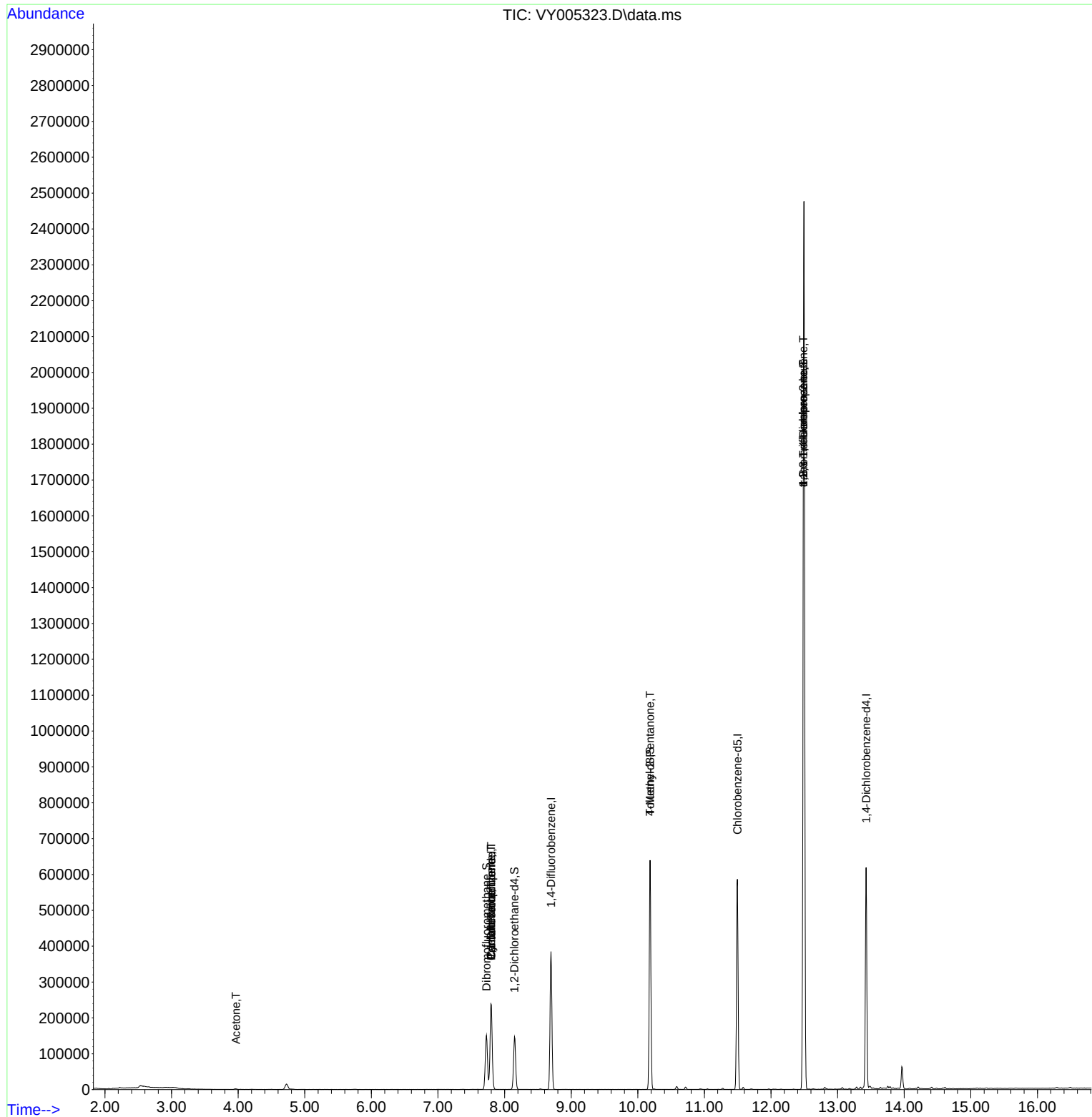
Internal Standards						
1) Pentafluorobenzene	7.801	168	205721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	334361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114686	67.178	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 134.360%		
35) Dibromofluoromethane	7.728	113	105165	53.451	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.900%		
50) Toluene-d8	10.185	98	413260	52.523	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.040%		
62) 4-Bromofluorobenzene	12.483	95	152425	58.135	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 116.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	644	Below Cal	#	77
16) Acetone	3.966	43	3560	9.027	ug/l	91
20) Methylene Chloride	4.728	84	11684	Below Cal		94
31) Cyclohexane	7.795	56	3525	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13320	4.534	ug/l #	47
38) Carbon Tetrachloride	7.801	117	17636	5.735	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1679	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	87271	59.530	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87271	111.069	ug/l #	20

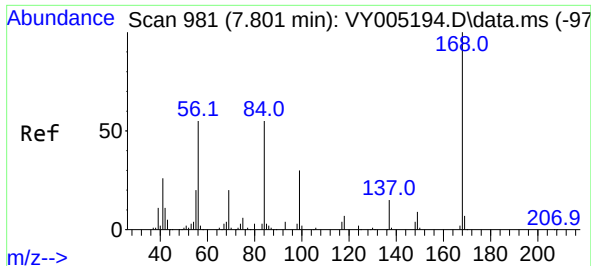
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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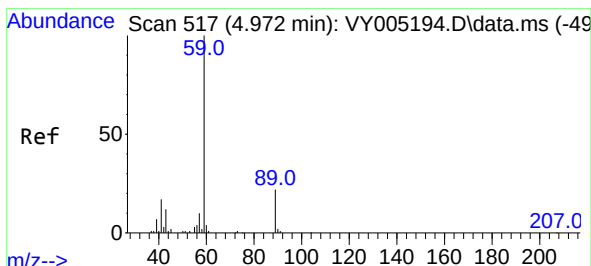
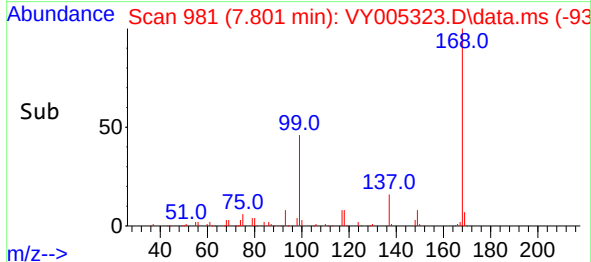
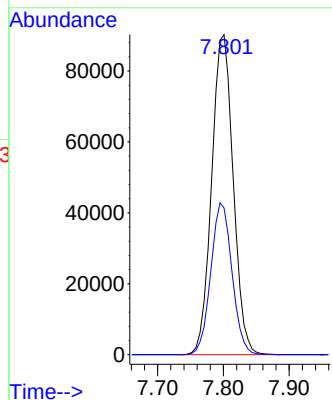
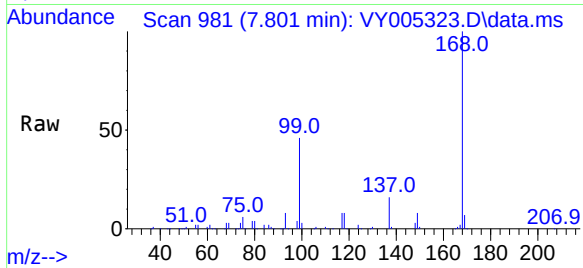




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

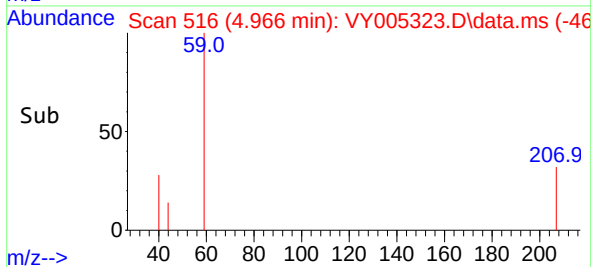
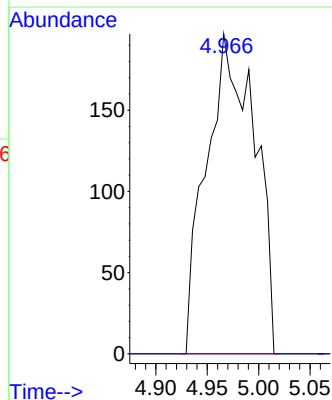
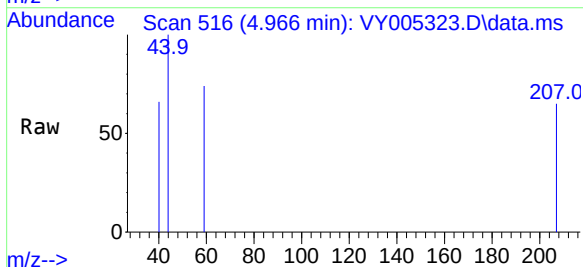
Instrument :
MSVOA_Y
ClientSampleId :
D-3400

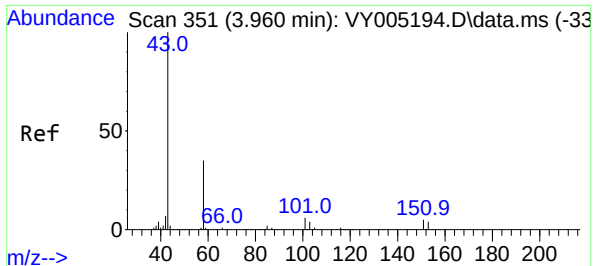
Tgt Ion:168 Resp: 205721
Ion Ratio Lower Upper
168 100
99 45.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

Tgt Ion: 59 Resp: 644
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

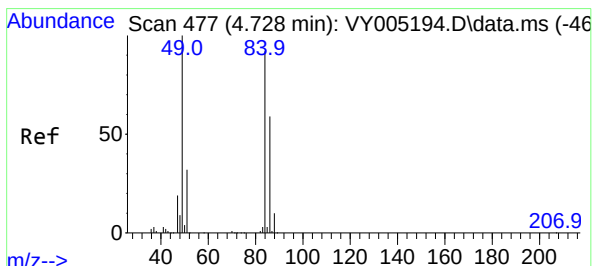
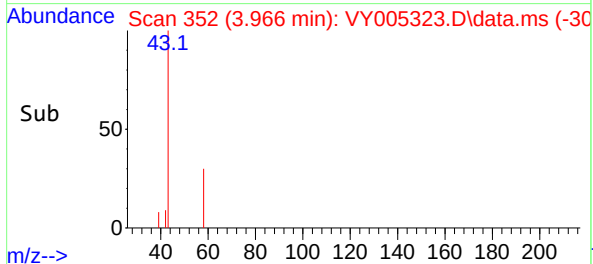
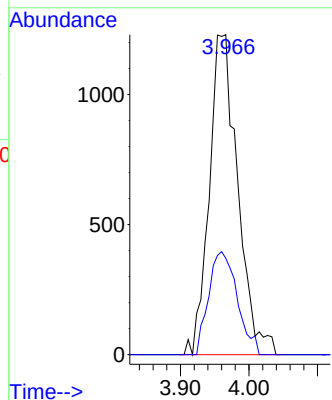
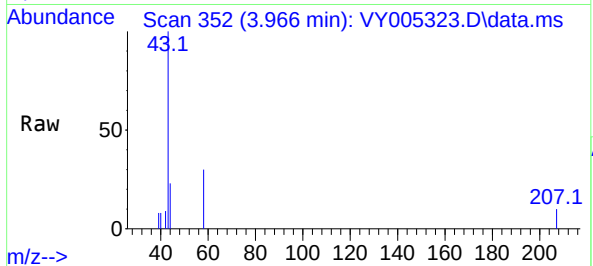




#16
Acetone
Concen: 9.027 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

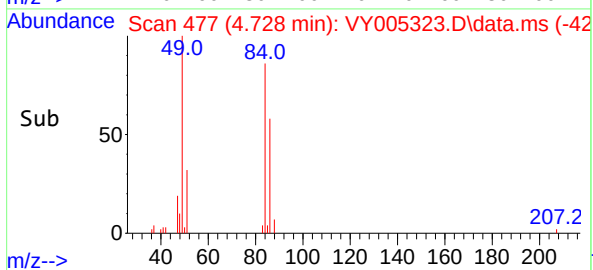
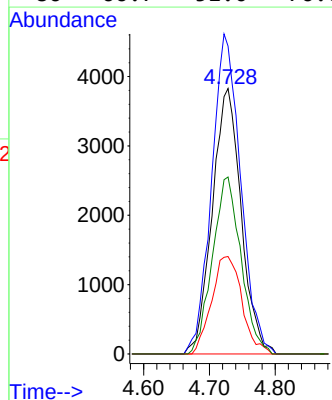
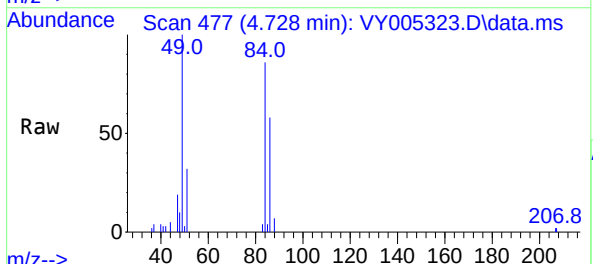
Instrument :
MSVOA_Y
ClientSampleId :
D-3400

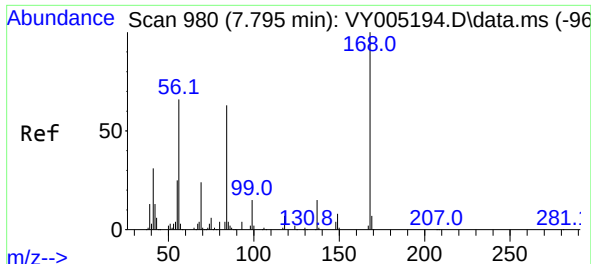
Tgt Ion: 43 Resp: 3560
Ion Ratio Lower Upper
43 100
58 30.1 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

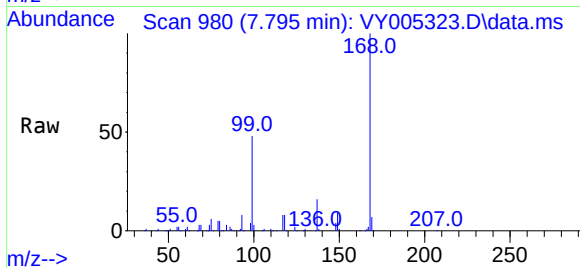
Tgt Ion: 84 Resp: 11684
Ion Ratio Lower Upper
84 100
49 115.9 86.9 130.3
51 36.7 27.4 41.2
86 66.7 51.0 76.6



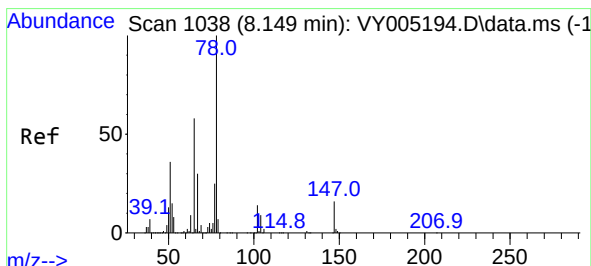
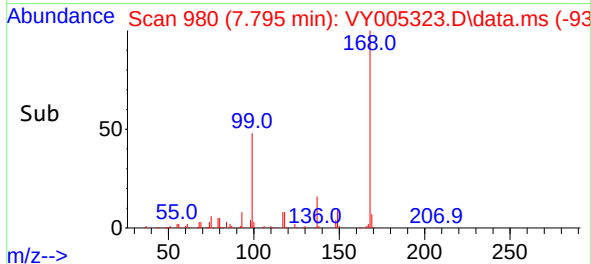
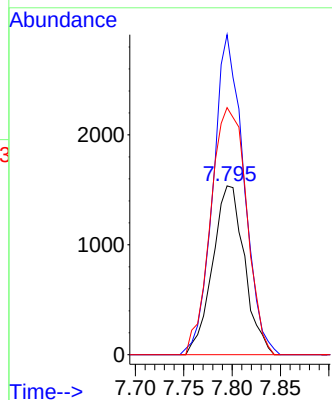


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
D-3400

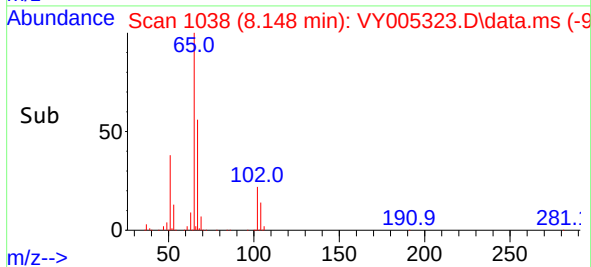
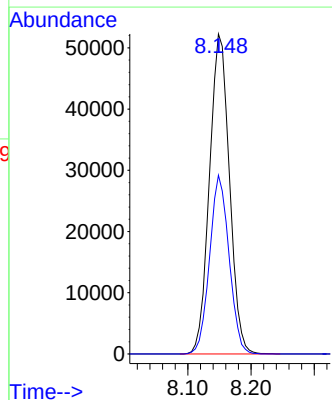
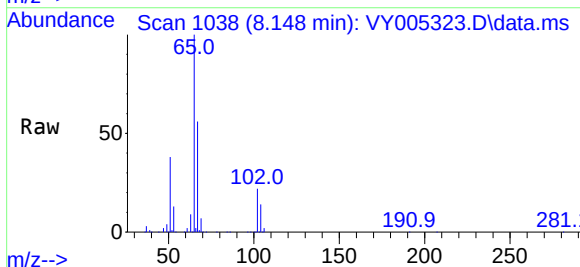


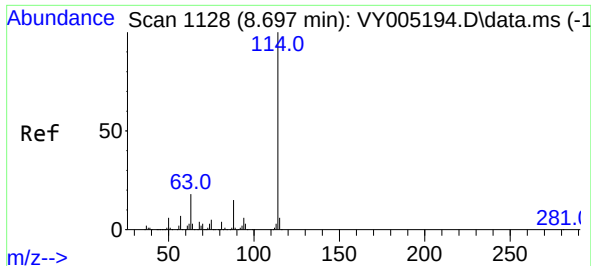
Tgt Ion: 56 Resp: 3525
Ion Ratio Lower Upper
56 100
69 189.6 29.6 44.4#
84 146.4 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.178 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

Tgt Ion: 65 Resp: 114686
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6

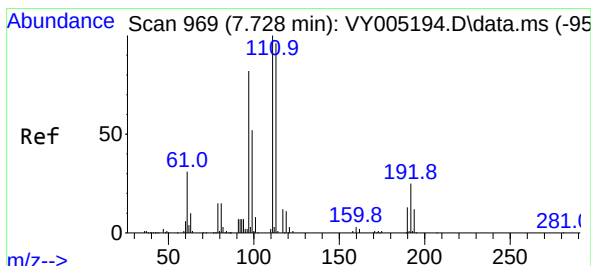
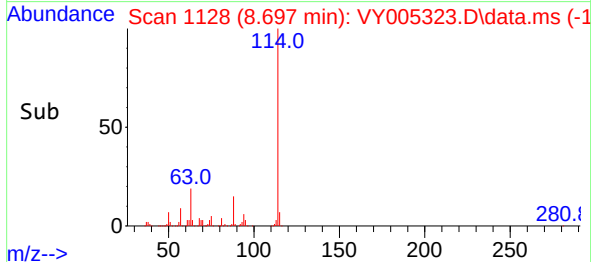
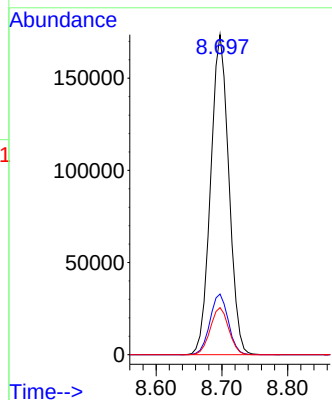
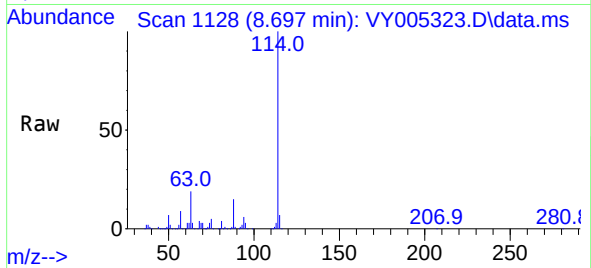




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

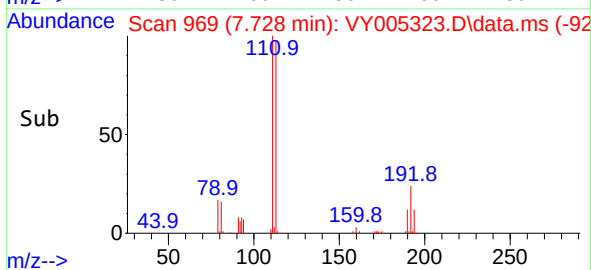
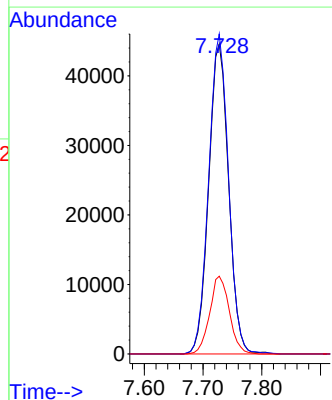
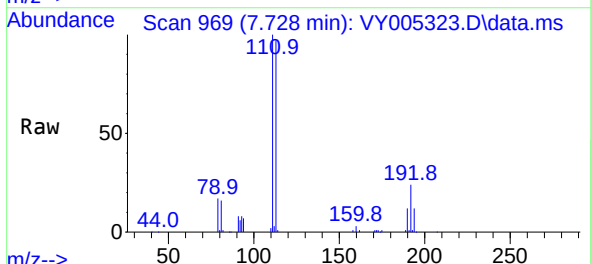
Instrument :
MSVOA_Y
ClientSampleId :
D-3400

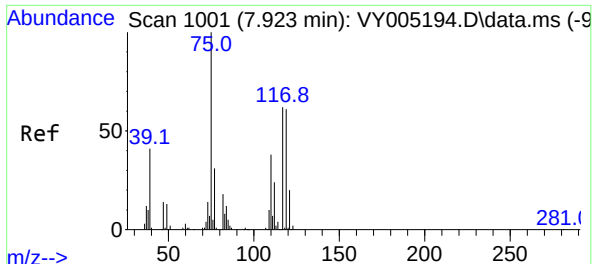
Tgt Ion:114 Resp: 333612
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.2
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.451 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

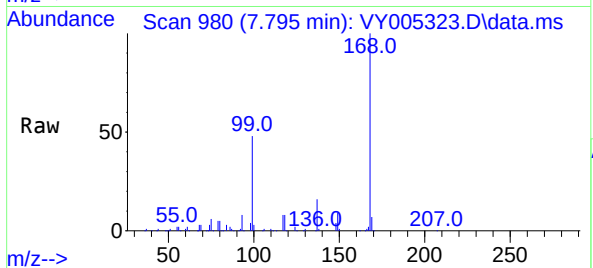
Tgt Ion:113 Resp: 105165
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 24.7 20.2 30.2



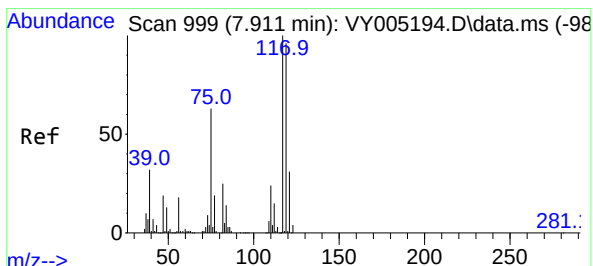
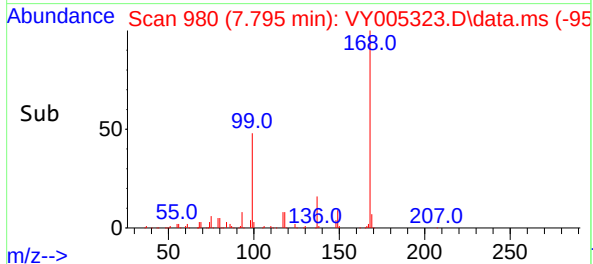
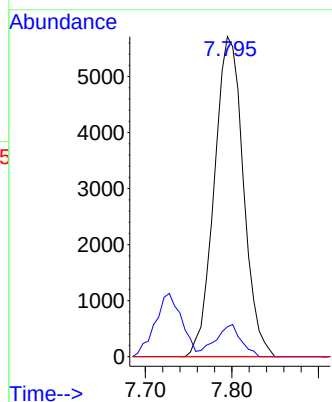


#36
 1,1-Dichloropropene
 Concen: 4.534 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005323.D
 Acq: 01 Jul 2021 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3400

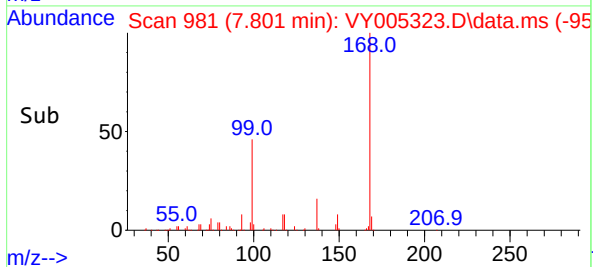
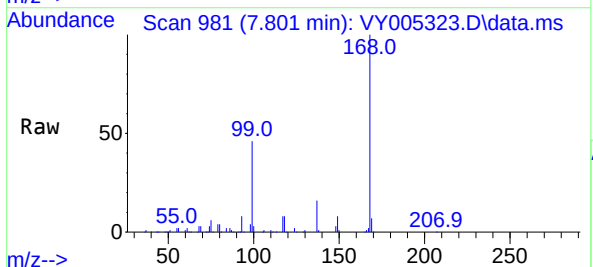
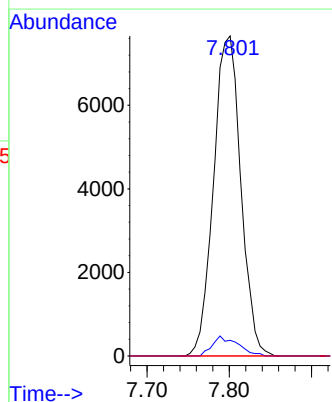


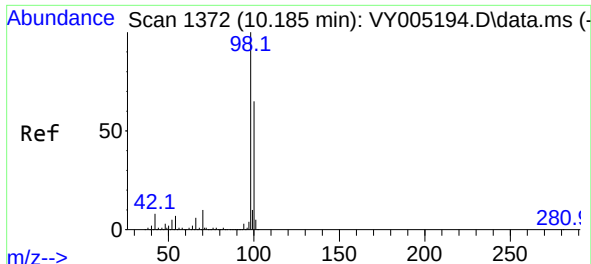
Tgt Ion: 75 Resp: 13320
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.1 57.5#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.735 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005323.D
 Acq: 01 Jul 2021 18:44

Tgt Ion: 117 Resp: 17636
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.2 114.4#
 121 0.0 24.7 37.1#

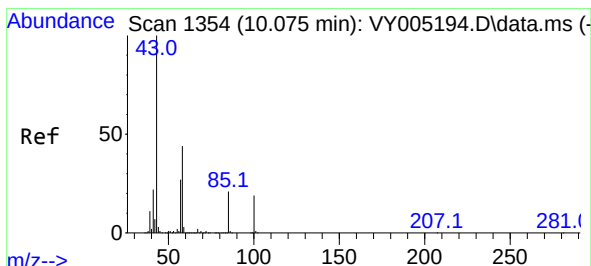
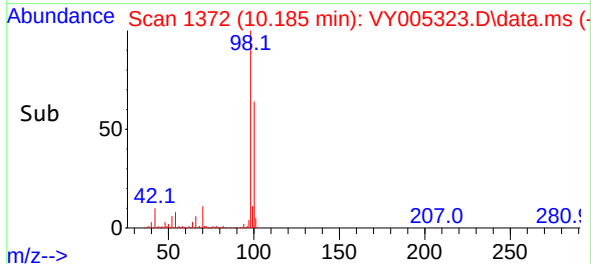
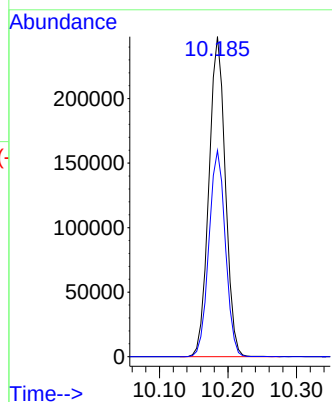
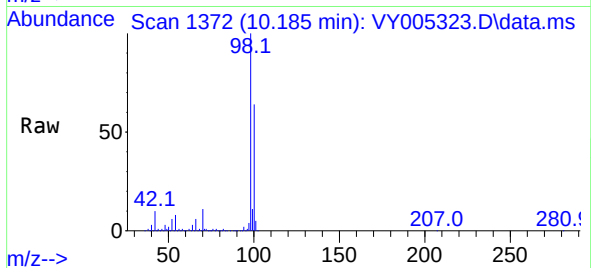




#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

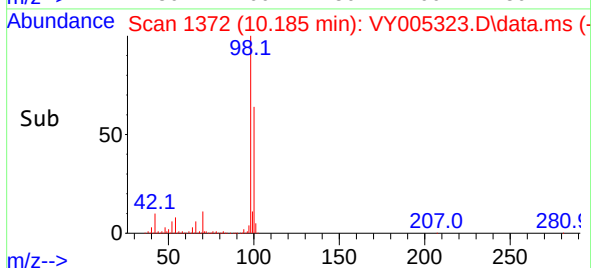
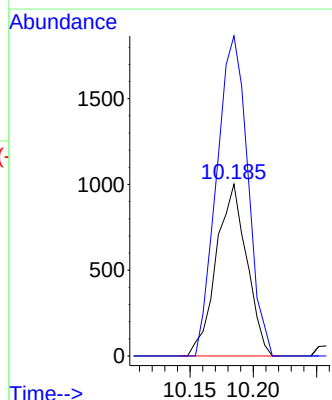
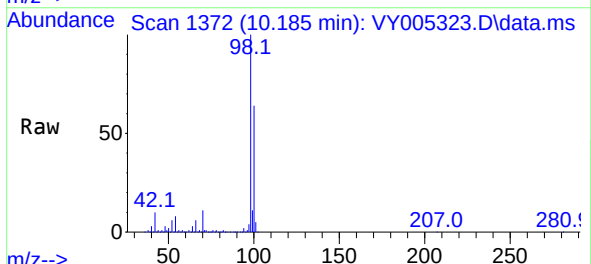
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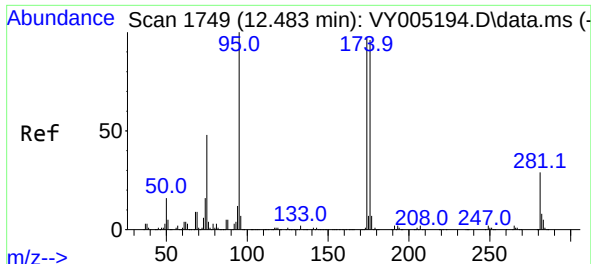
Tgt Ion: 98 Resp: 413260
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

Tgt Ion: 43 Resp: 1679
Ion Ratio Lower Upper
43 100
58 190.0 35.3 52.9#

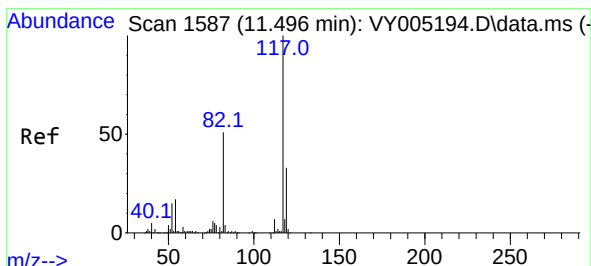
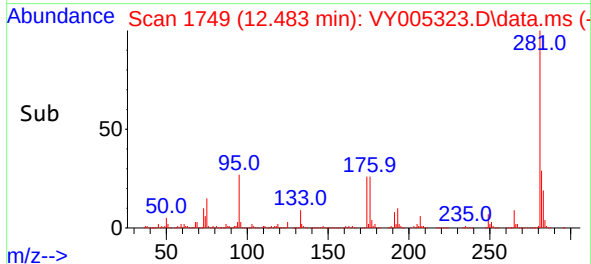
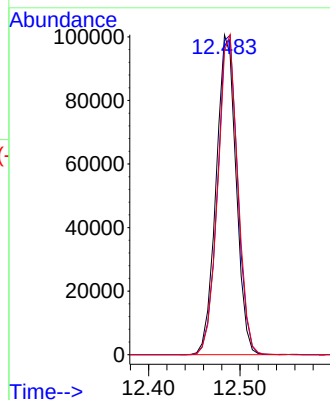
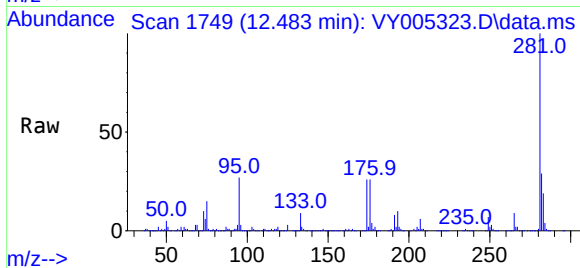




#62
4-Bromofluorobenzene
Concen: 58.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

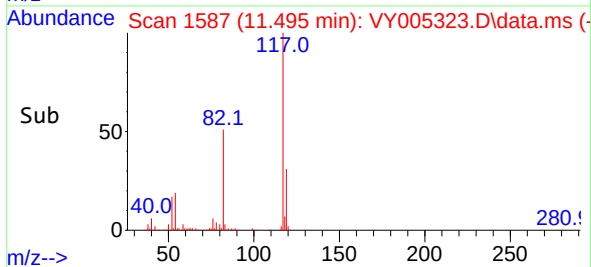
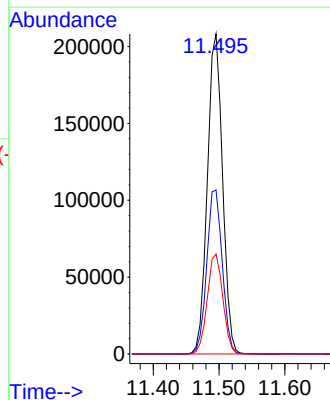
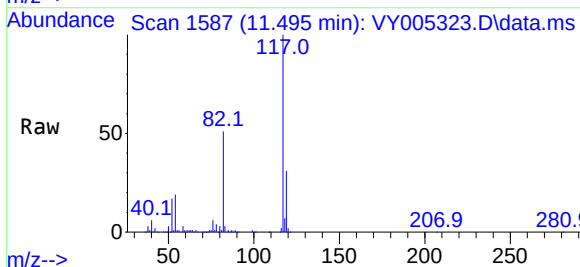
Instrument :
MSVOA_Y
ClientSampleId :
D-3400

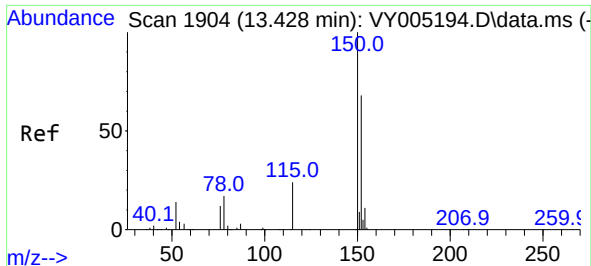
Tgt Ion:	95	Resp:	152425
Ion Ratio	Lower	Upper	
95	100		
174	100.2	0.0	201.6
176	99.9	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

Tgt Ion:	117	Resp:	334361
Ion Ratio	Lower	Upper	
117	100		
82	51.2	40.6	60.8
119	31.3	26.1	39.1

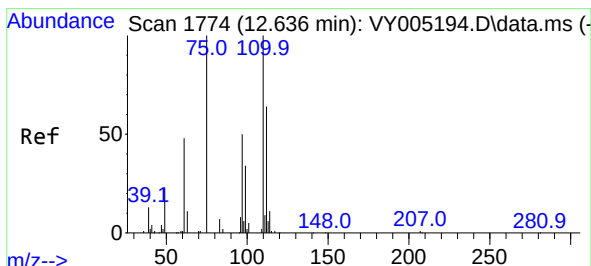
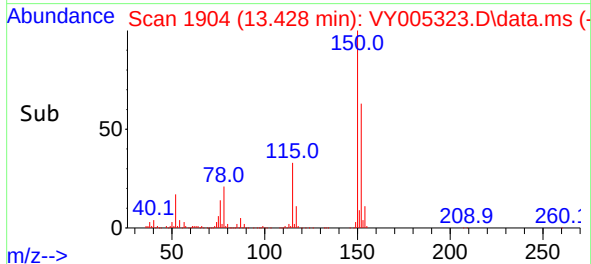
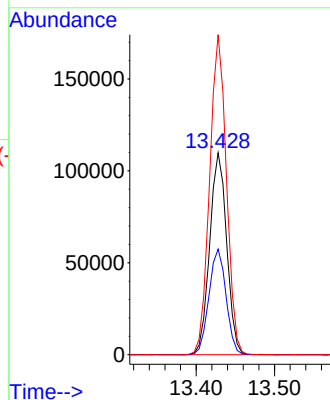
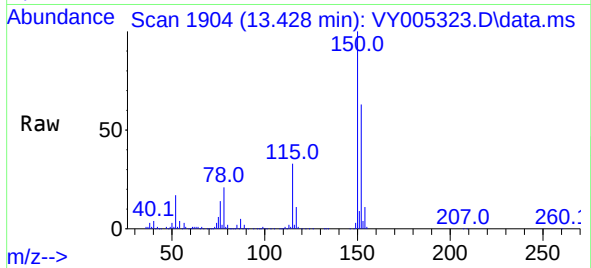




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

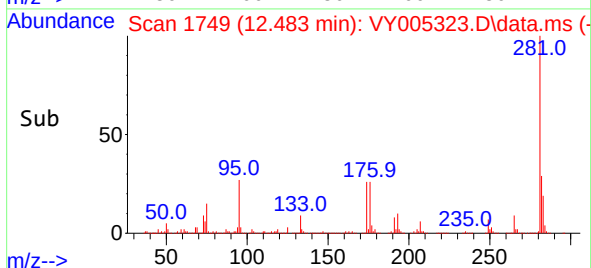
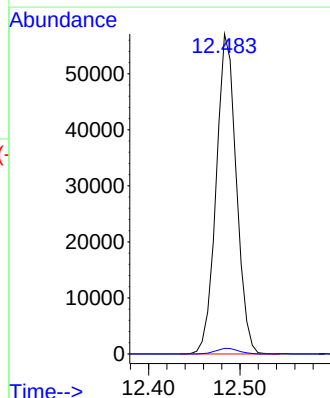
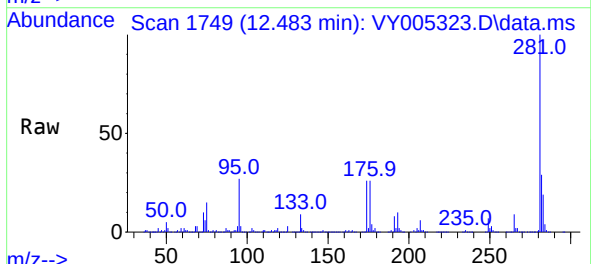
Instrument :
MSVOA_Y
ClientSampleId :
D-3400

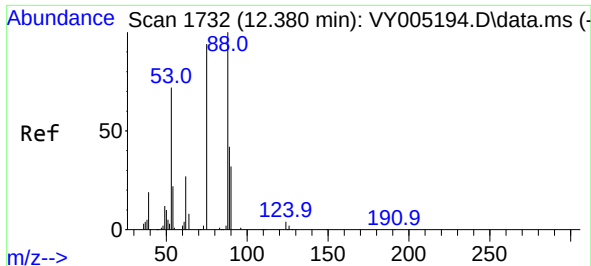
Tgt Ion:152 Resp: 165298
Ion Ratio Lower Upper
152 100
115 52.6 26.3 78.8
150 156.6 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 59.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005323.D
Acq: 01 Jul 2021 18:44

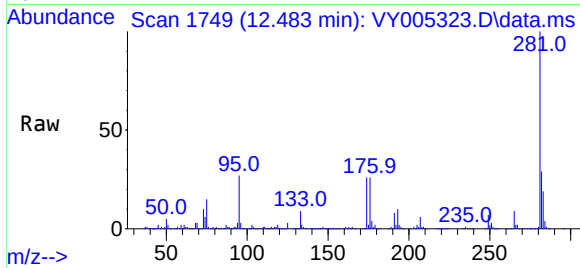
Tgt Ion: 75 Resp: 87271
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.069 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005323.D
 Acq: 01 Jul 2021 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3400



Tgt Ion: 75 Resp: 87271
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 4.4 38.0 57.0#

