

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005328.D
 Acq On : 01 Jul 2021 20:41
 Operator : SY/MD
 Sample : M2913-17
 Misc : 4.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-D19

Quant Time: Jul 02 05:20:13 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)

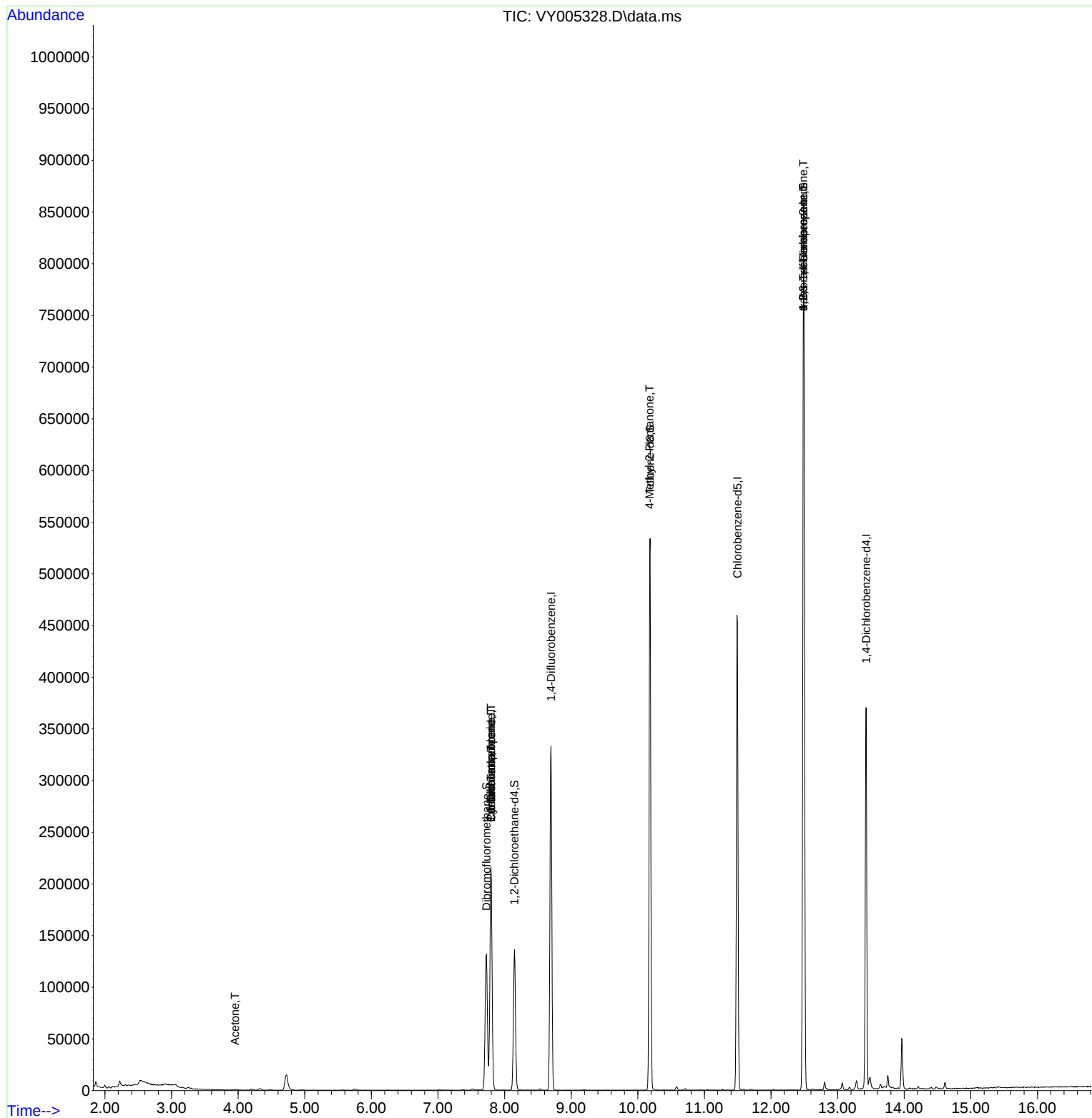
Internal Standards						
1) Pentafluorobenzene	7.795	168	185594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103913	67.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.940%
35) Dibromofluoromethane	7.728	113	93165	54.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.020%
50) Toluene-d8	10.185	98	355381	51.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.483	95	100841	43.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	309	Below Cal	#	77
16) Acetone	3.954	43	1150	3.232	ug/l #	75
20) Methylene Chloride	4.728	84	11744	Below Cal		93
31) Cyclohexane	7.795	56	3252	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12102	4.699	ug/l #	47
38) Carbon Tetrachloride	7.795	117	16239	6.023	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1374	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	54037	61.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54037	114.192	ug/l #	19

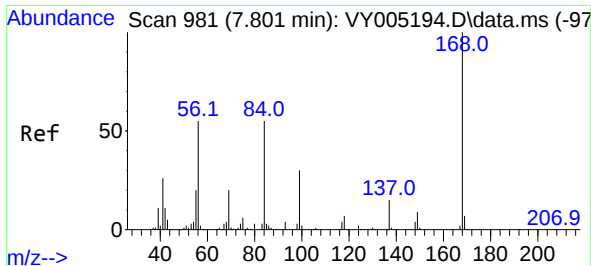
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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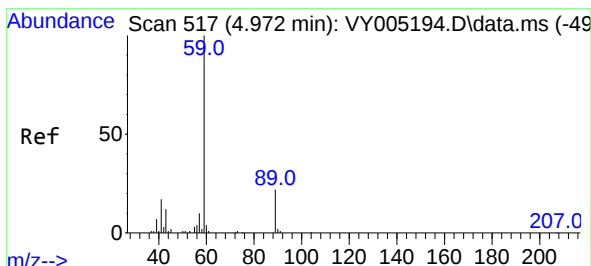
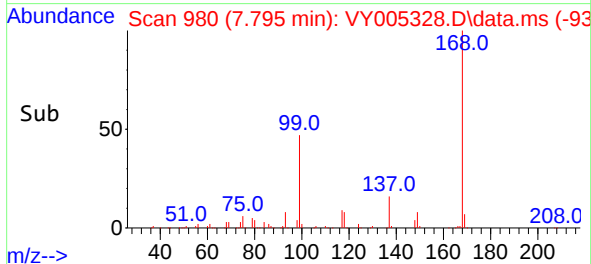
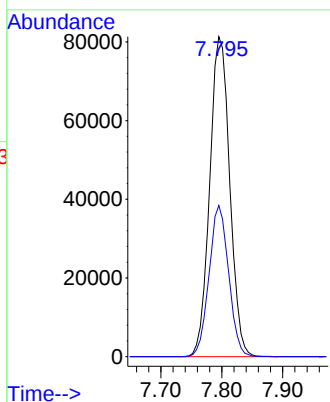
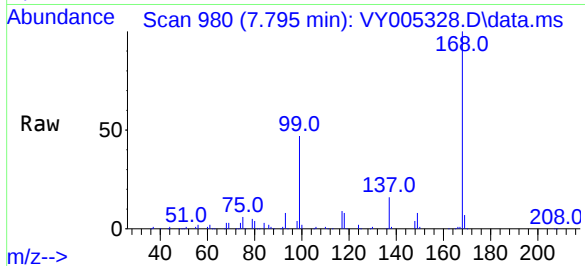




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

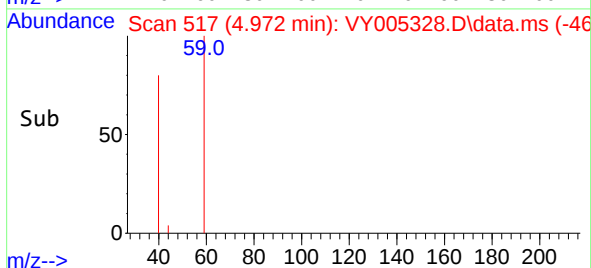
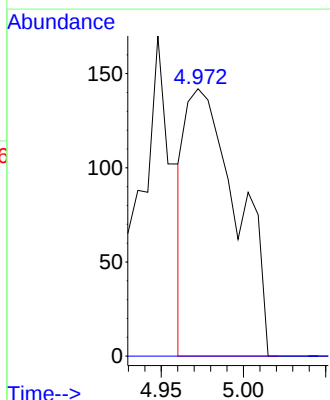
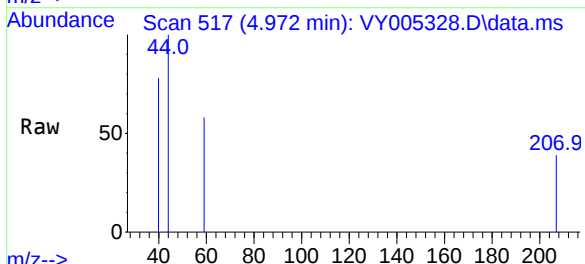
Instrument :
MSVOA_Y
ClientSampleId :
P-D19

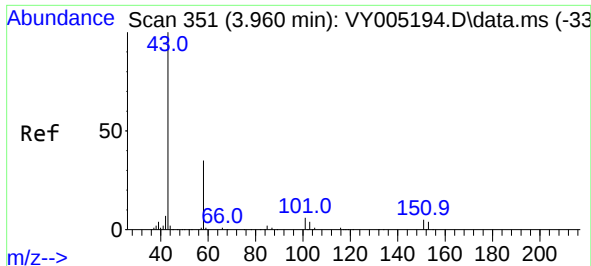
Tgt Ion:168 Resp: 185594
Ion Ratio Lower Upper
168 100
99 47.3 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

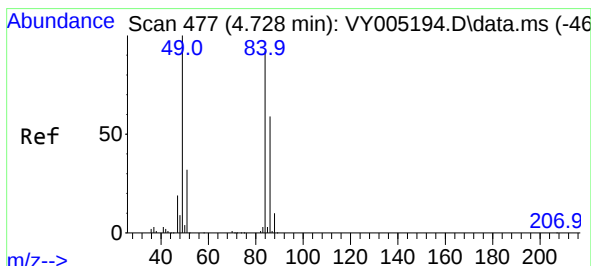
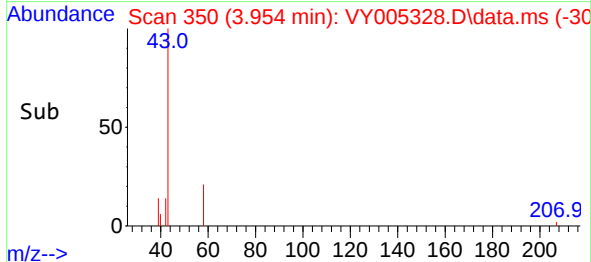
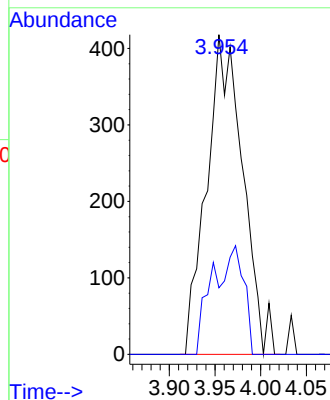
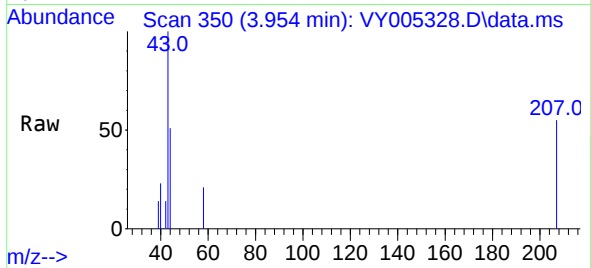




#16
Acetone
Concen: 3.232 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

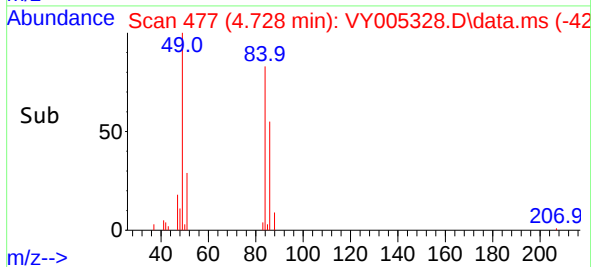
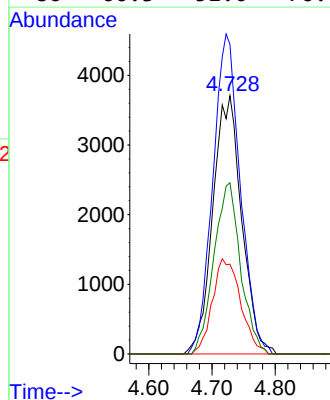
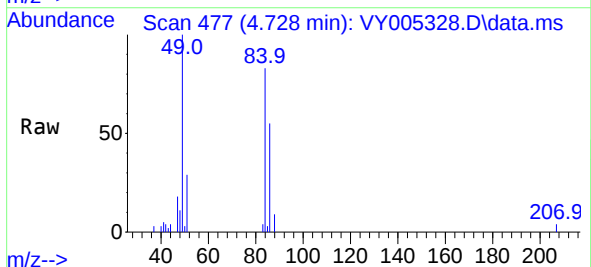
Instrument :
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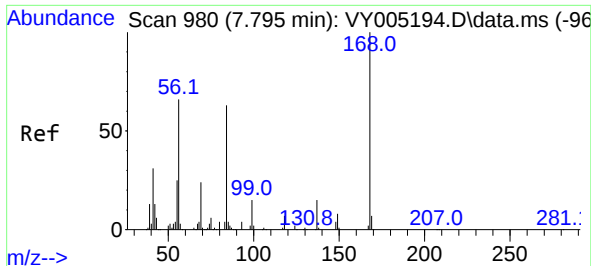
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 20.8 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 84 Resp: 11744
Ion Ratio Lower Upper
84 100
49 119.8 86.9 130.3
51 34.7 27.4 41.2
86 66.3 51.0 76.6

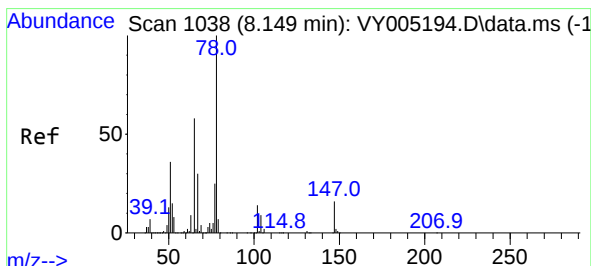
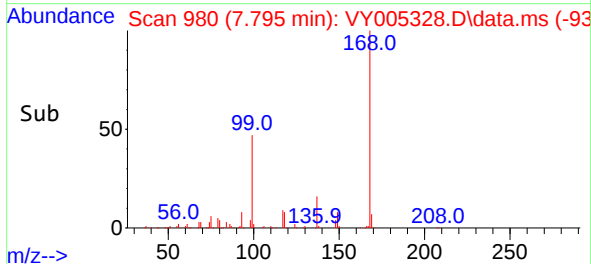
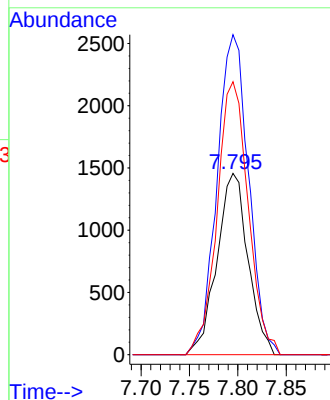
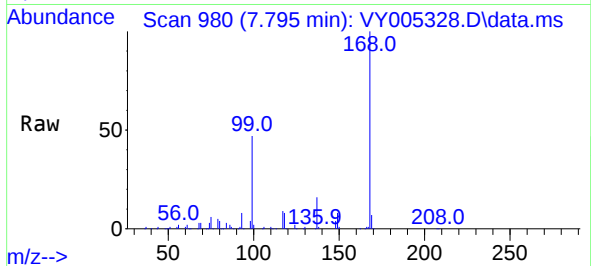




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

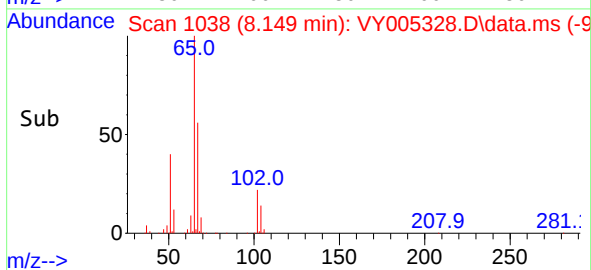
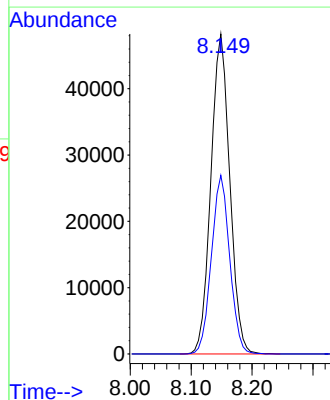
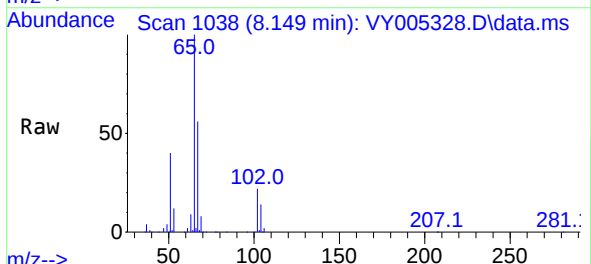
Instrument :
MSVOA_Y
ClientSampled :
P-D19

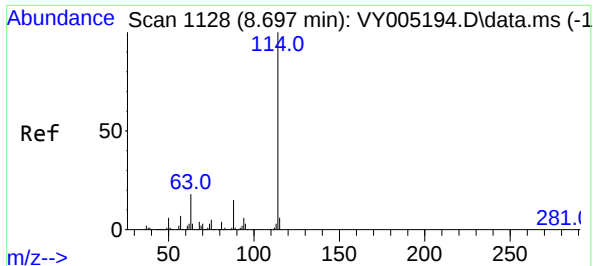
Tgt Ion: 56 Resp: 3252
Ion Ratio Lower Upper
56 100
69 176.6 29.6 44.4#
84 150.6 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.469 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 65 Resp: 103913
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

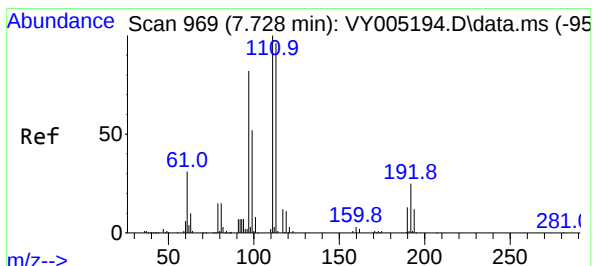
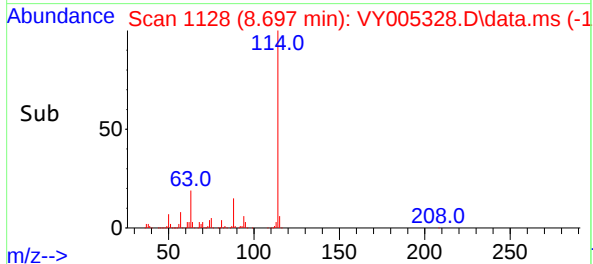
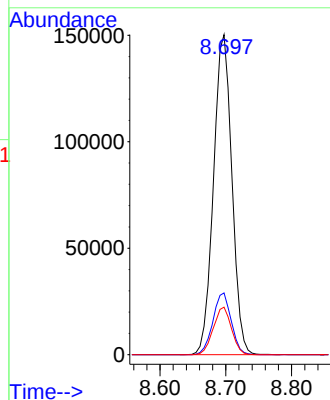
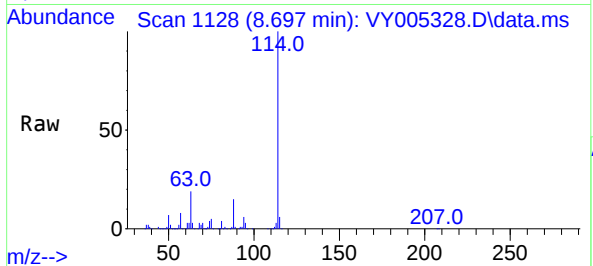




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

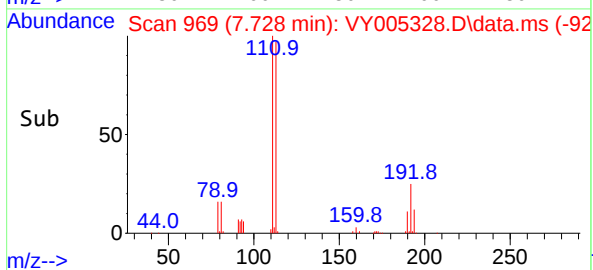
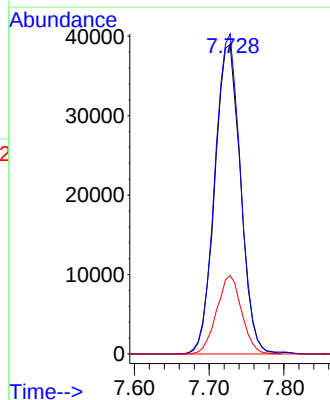
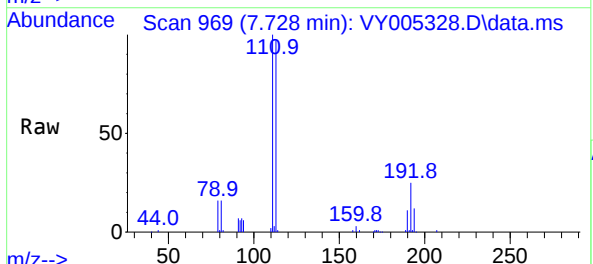
Instrument :
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ClientSampleId :
P-D19

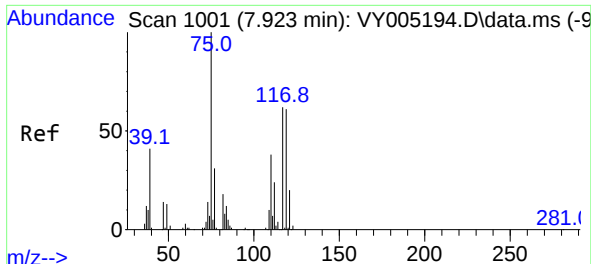
Tgt Ion:	114	Resp:	292473
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	35.2
88	14.8	0.0	29.4



#35
Dibromofluoromethane
Concen: 54.013 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion:	113	Resp:	93165
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	24.5	20.2	30.2

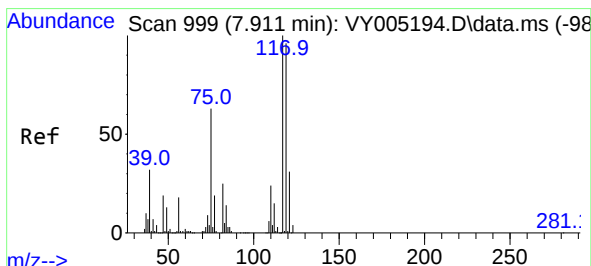
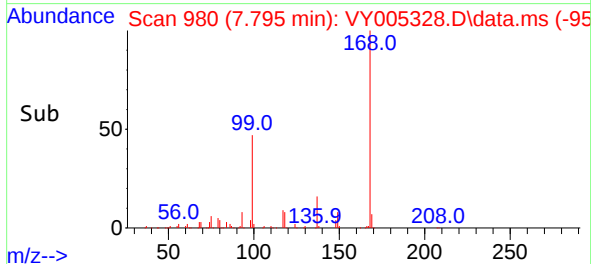
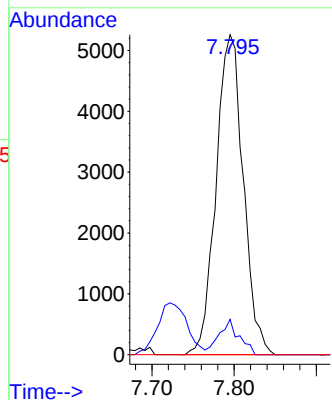
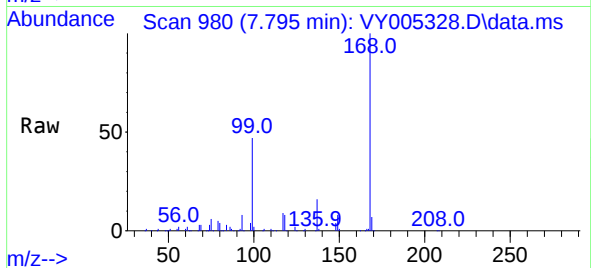




#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

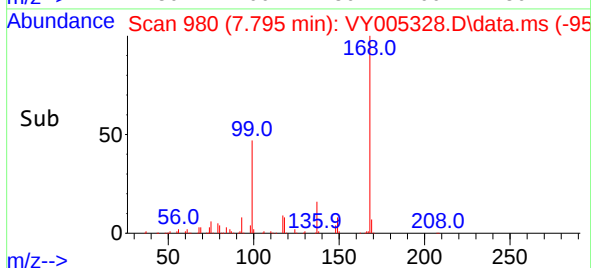
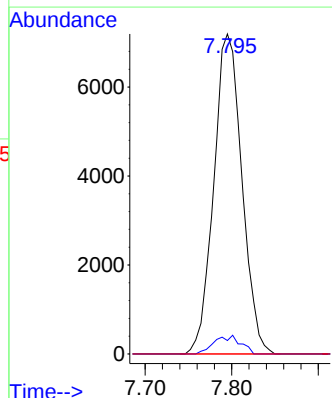
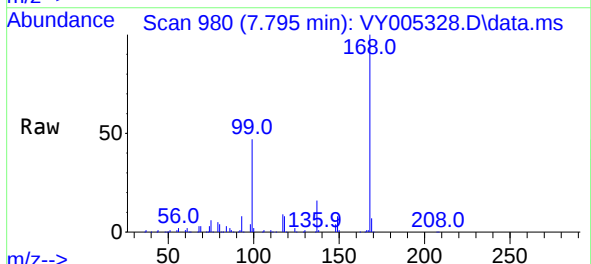
Instrument :
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ClientSampled :
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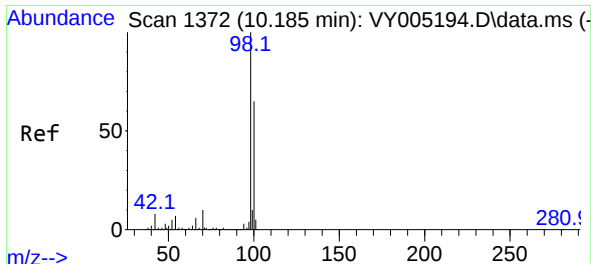
Tgt Ion: 75 Resp: 12102
Ion Ratio Lower Upper
75 100
110 8.1 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 117 Resp: 16239
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.4#
121 0.0 24.7 37.1#

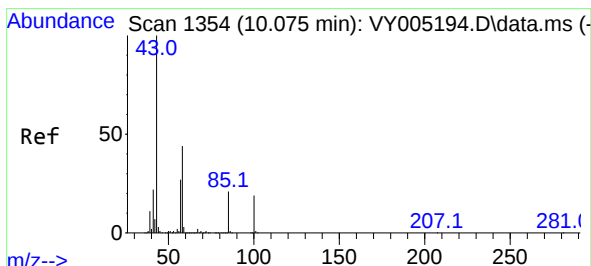
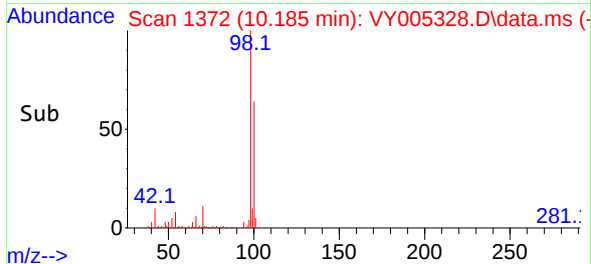
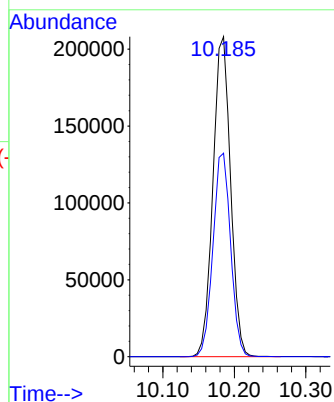
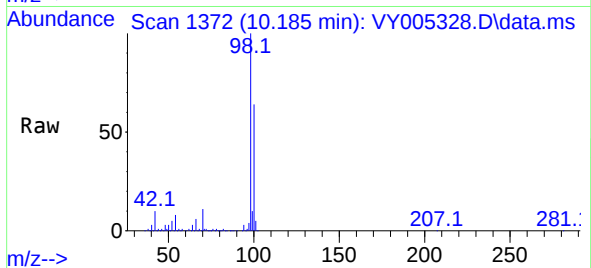




#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

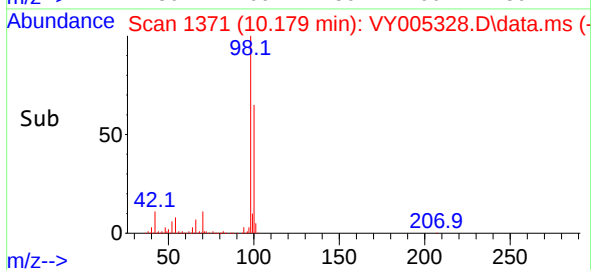
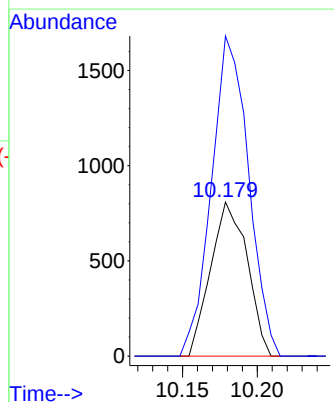
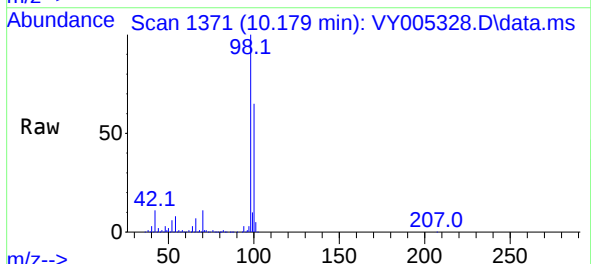
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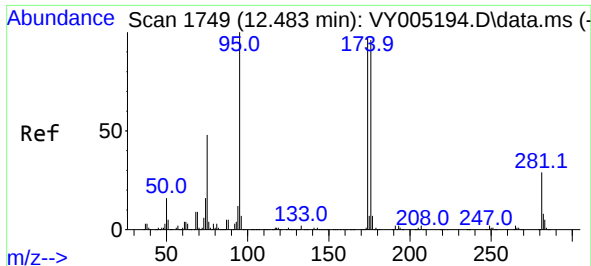
Tgt Ion: 98 Resp: 355381
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 211.3 35.3 52.9#

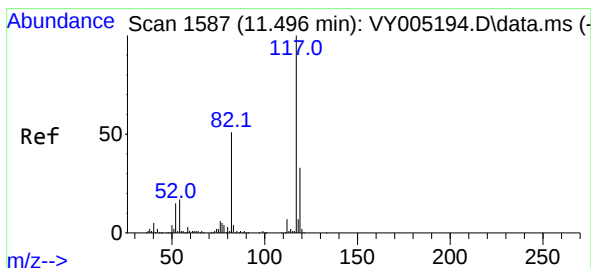
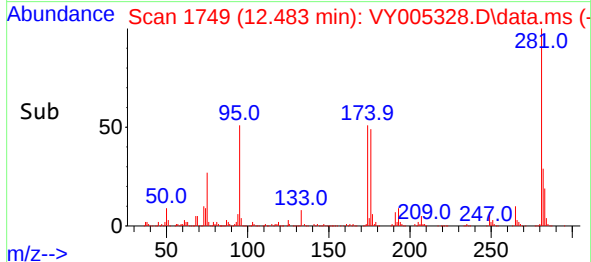
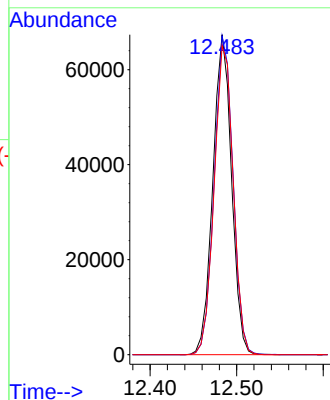
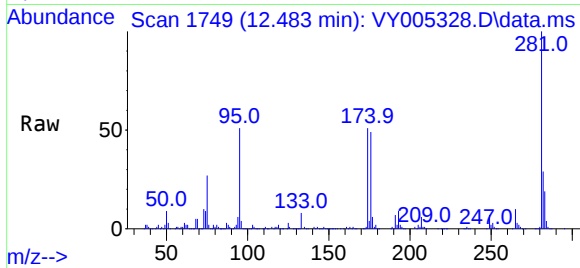




#62
4-Bromofluorobenzene
Concen: 43.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

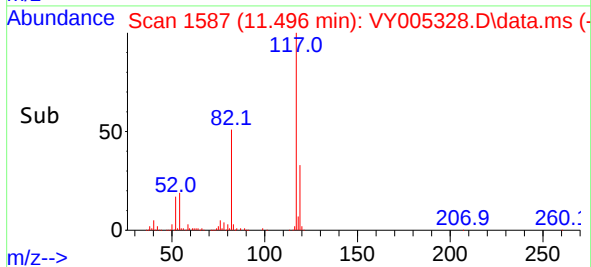
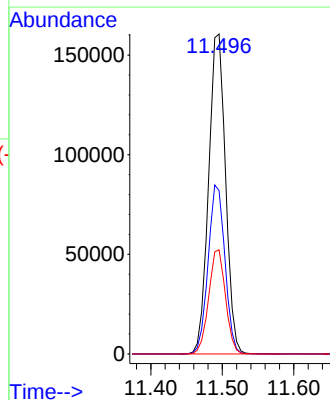
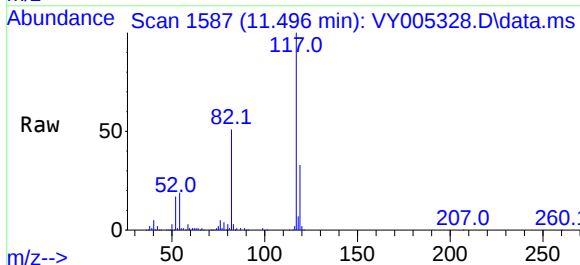
Instrument :
MSVOA_Y
ClientSampleId :
P-D19

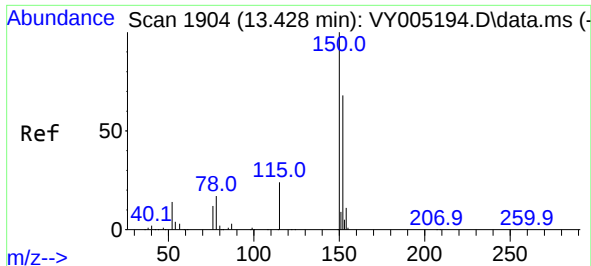
Tgt Ion: 95 Resp: 100841
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.6
176 98.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 117 Resp: 264212
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.5 26.1 39.1



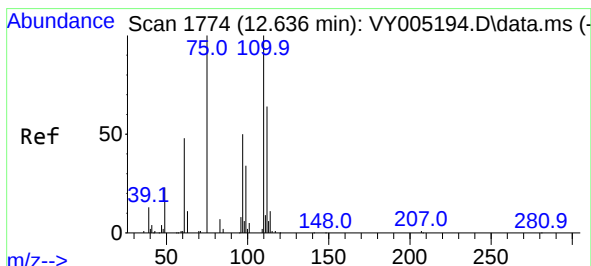
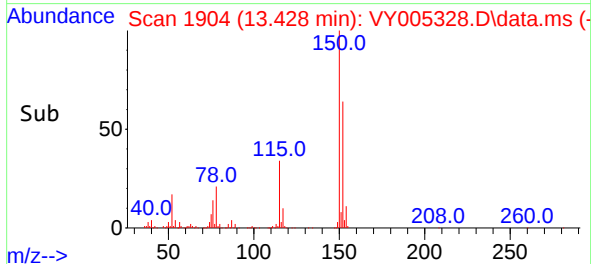
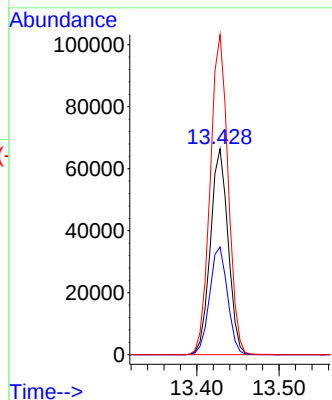
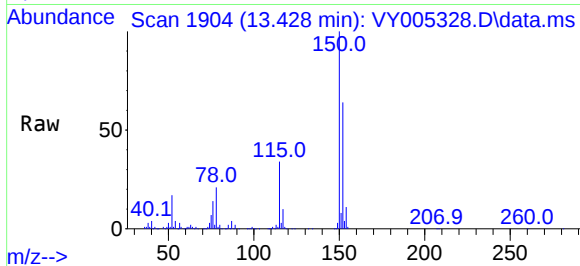


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005328.D
 Acq: 01 Jul 2021 20:41

Instrument :
 MSVOA_Y
 ClientSampled :
 P-D19

Tgt Ion:152 Resp: 99551

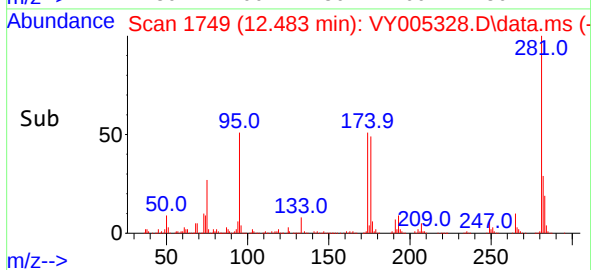
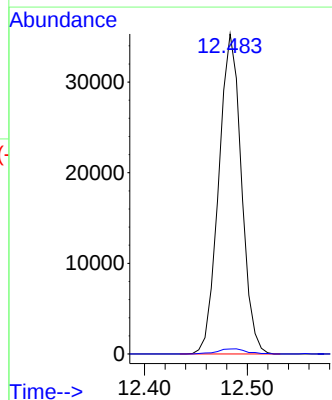
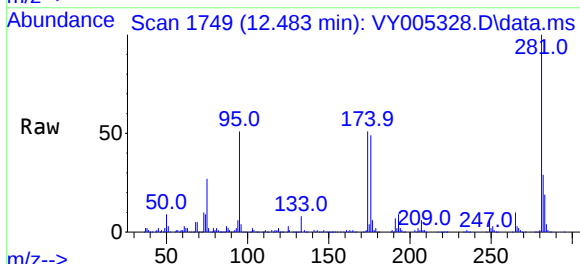
Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.3	78.8
150	157.1	0.0	344.2

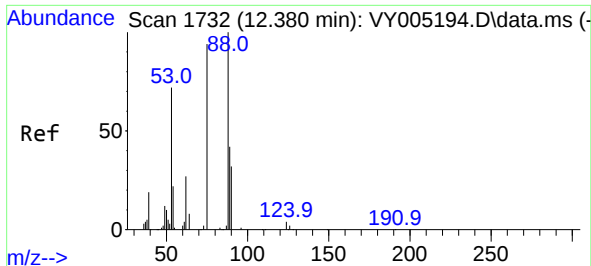


#76
 1,2,3-Trichloropropane
 Concen: 61.204 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005328.D
 Acq: 01 Jul 2021 20:41

Tgt Ion: 75 Resp: 54037

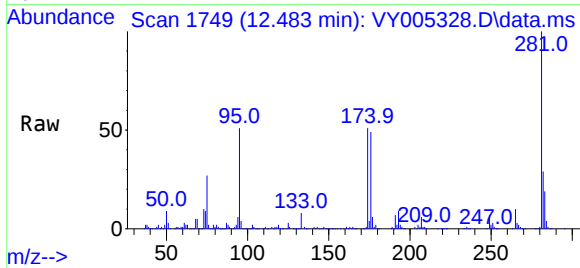
Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Instrument :
MSVOA_Y
ClientSampleId :
P-D19



Tgt Ion: 75 Resp: 54037
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 2.2 38.0 57.0#

