

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005326.D
 Acq On : 01 Jul 2021 19:54
 Operator : SY/MD
 Sample : M2913-13
 Misc : 4.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4300

Quant Time: Jul 02 05:19:39 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)

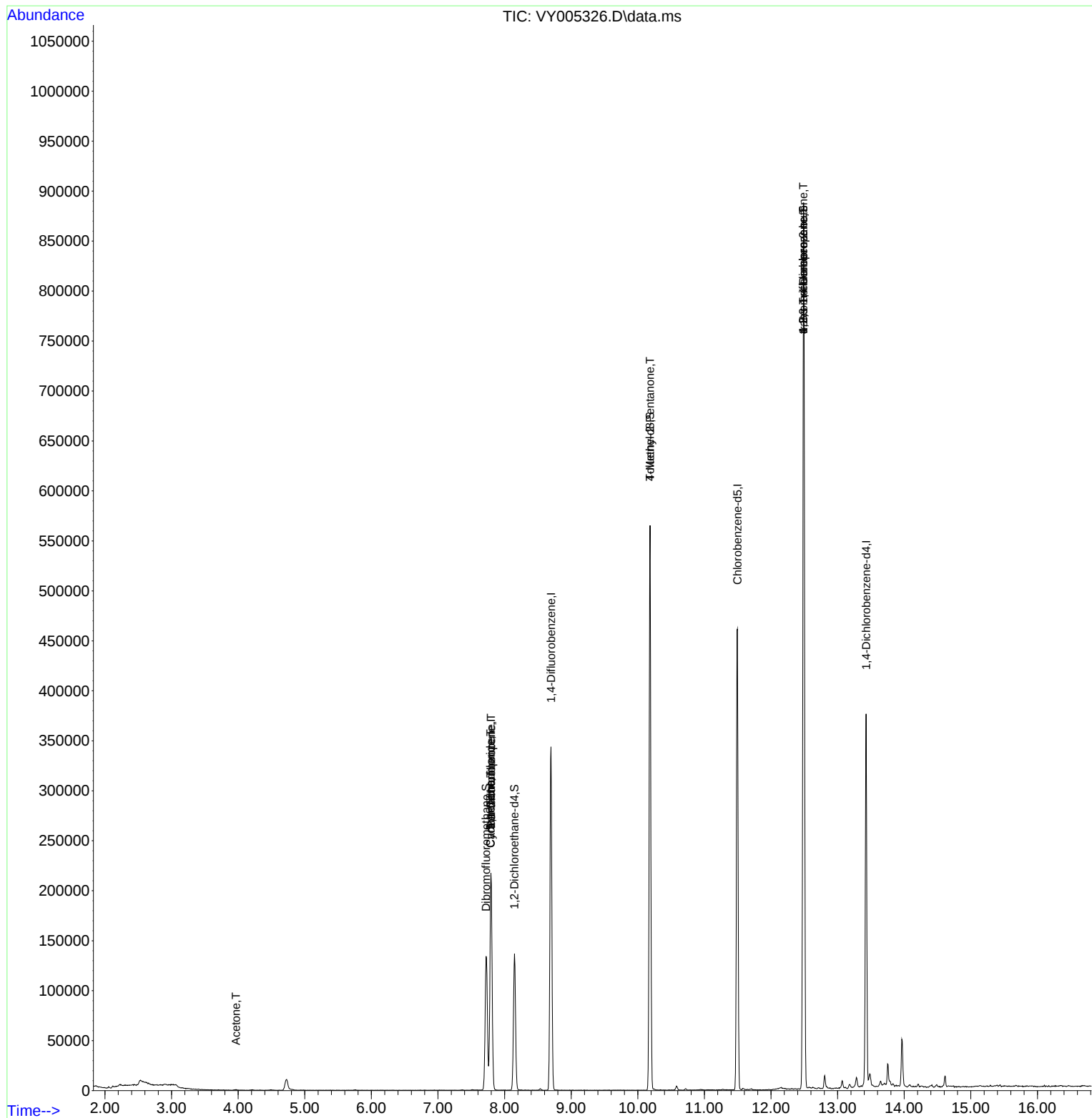
Internal Standards						
1) Pentafluorobenzene	7.795	168	186247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	269339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106137	68.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.340%	
35) Dibromofluoromethane	7.722	113	95402	54.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.140%	
50) Toluene-d8	10.185	98	363648	51.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.483	95	102668	43.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	338	Below Cal	#	77
16) Acetone	3.966	43	925	2.591	ug/l #	85
20) Methylene Chloride	4.734	84	8506	Below Cal		93
31) Cyclohexane	7.789	56	3260	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12004	4.557	ug/l #	47
38) Carbon Tetrachloride	7.789	117	15789	5.725	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1551	1.187	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	54148	62.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54148	116.165	ug/l #	19

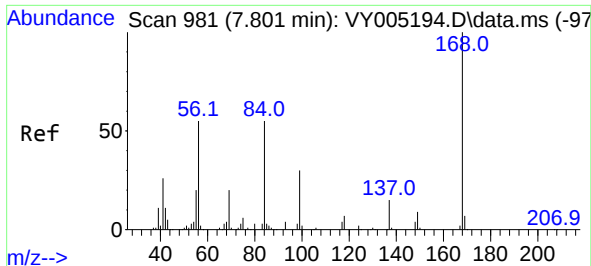
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

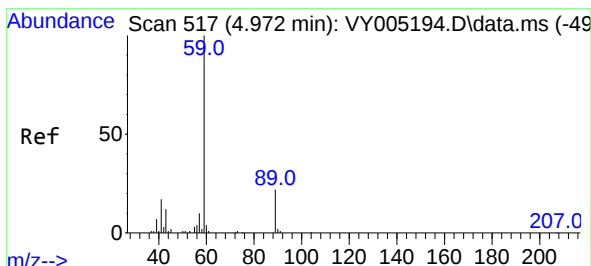
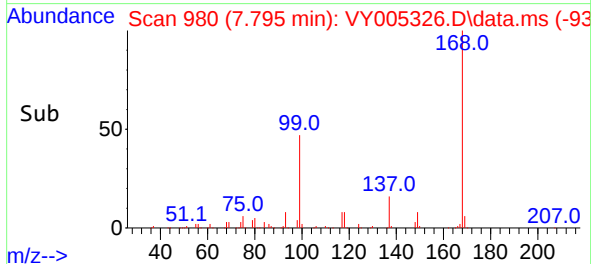
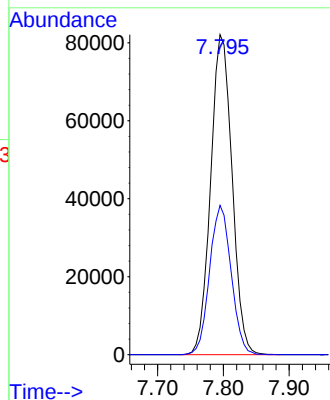
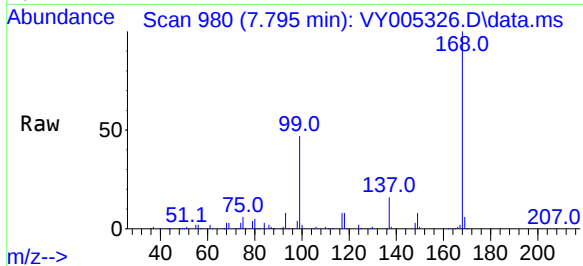




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

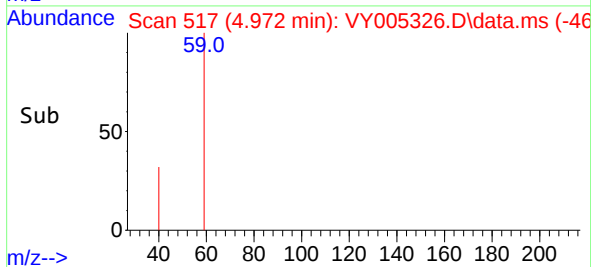
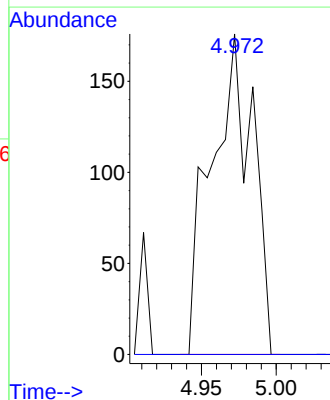
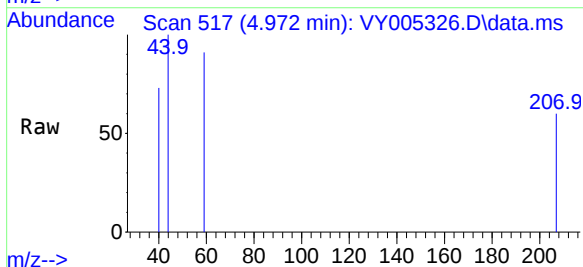
Instrument :
MSVOA_Y
ClientSampleId :
D-4300

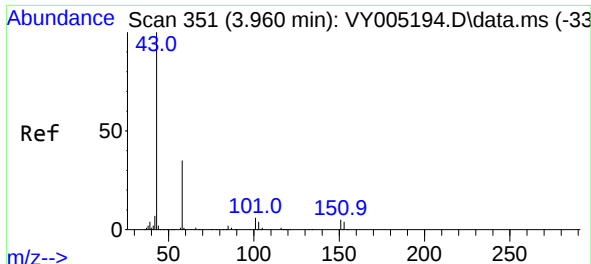
Tgt Ion:168 Resp: 186247
Ion Ratio Lower Upper
168 100
99 46.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

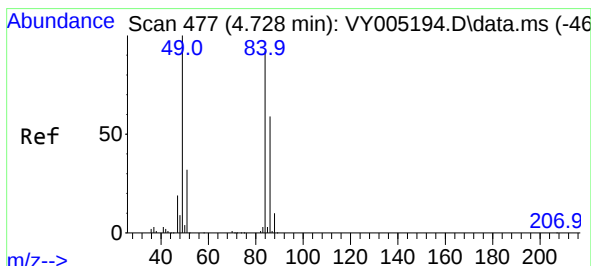
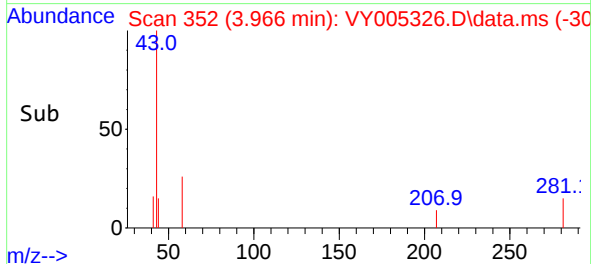
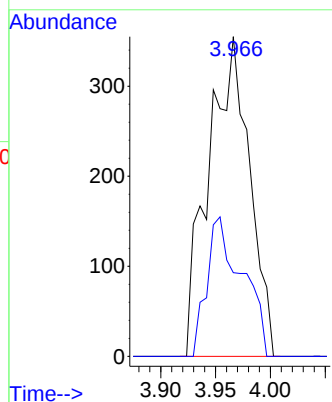
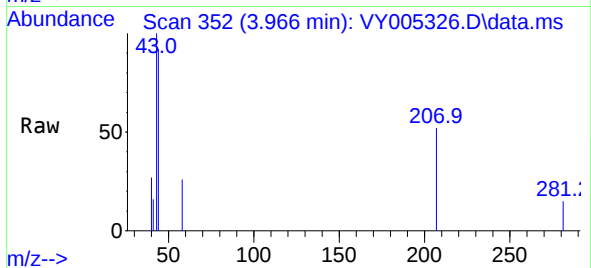




#16
Acetone
Concen: 2.591 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

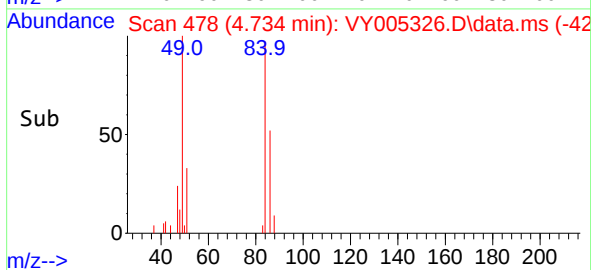
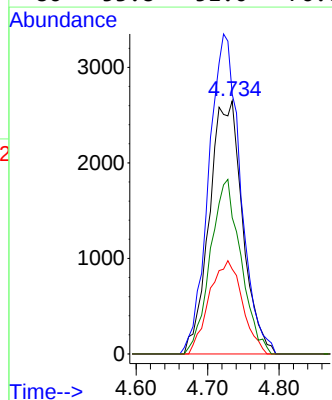
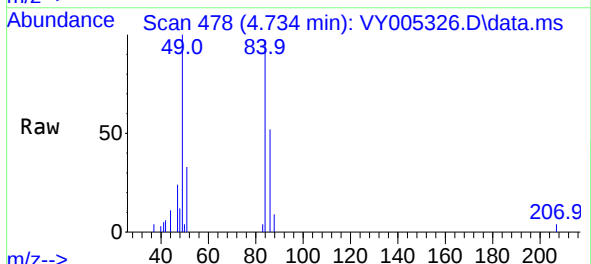
Instrument :
MSVOA_Y
ClientSampleId :
D-4300

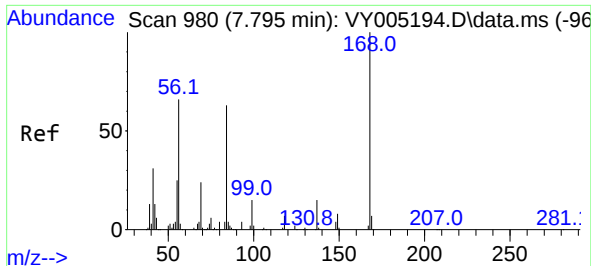
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 26.2 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

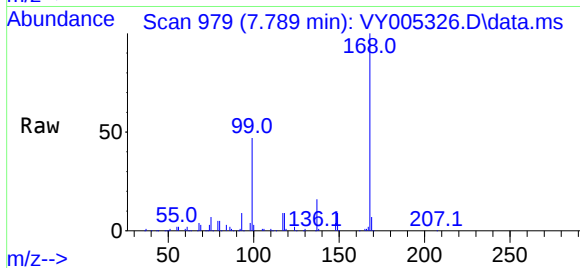
Tgt Ion: 84 Resp: 8506
Ion Ratio Lower Upper
84 100
49 102.6 86.9 130.3
51 33.5 27.4 41.2
86 53.8 51.0 76.6



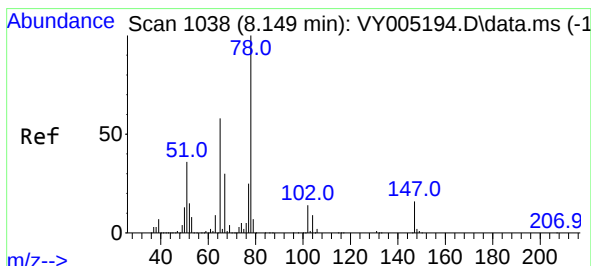
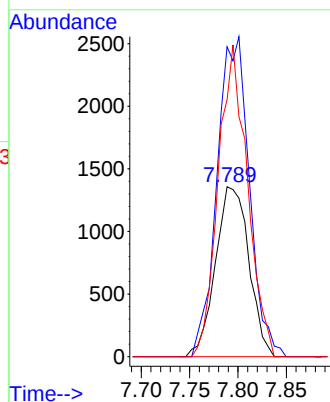
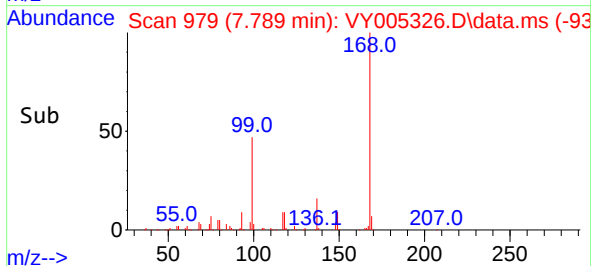


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

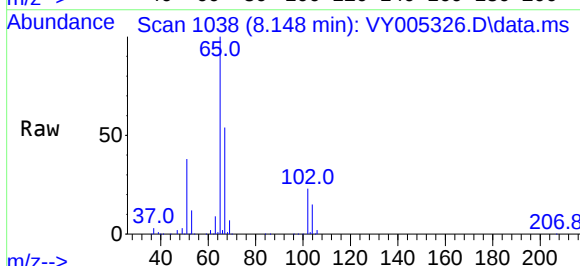
Instrument :
MSVOA_Y
ClientSampleId :
D-4300



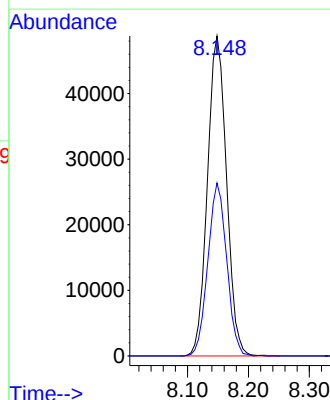
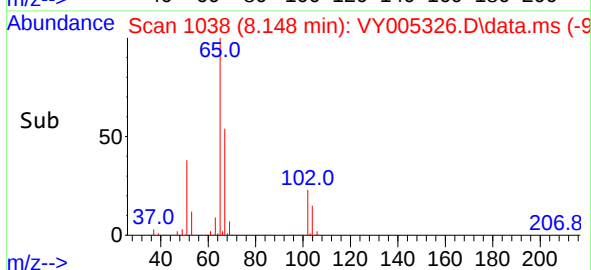
Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 182.5 29.6 44.4#
84 151.2 76.4 114.6#

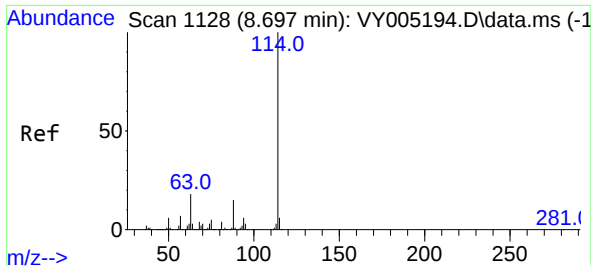


#33
1,2-Dichloroethane-d4
Concen: 68.671 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54



Tgt Ion: 65 Resp: 106137
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6

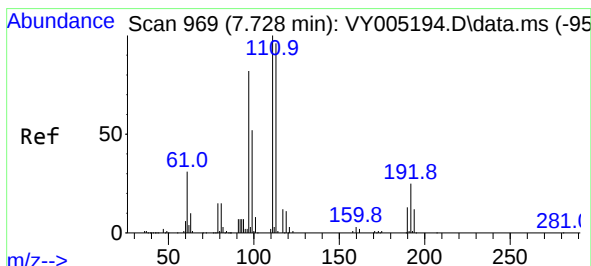
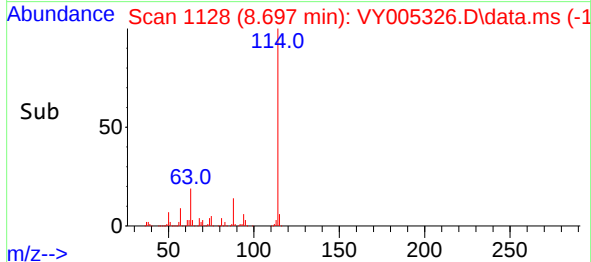
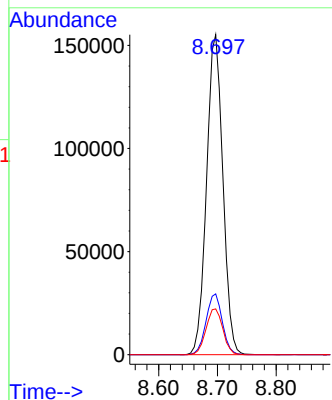
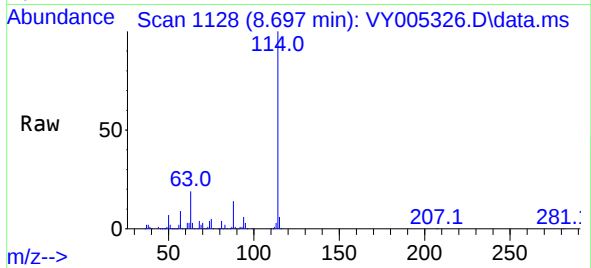




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

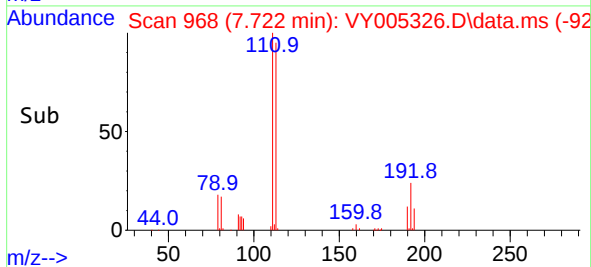
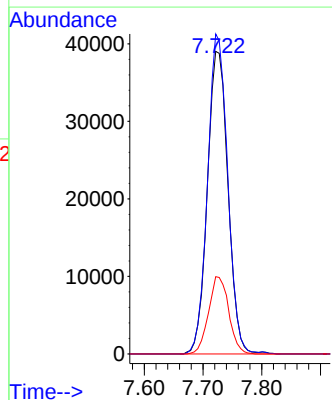
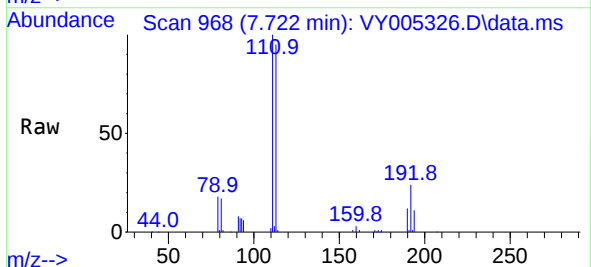
Instrument :
MSVOA_Y
ClientSampleId :
D-4300

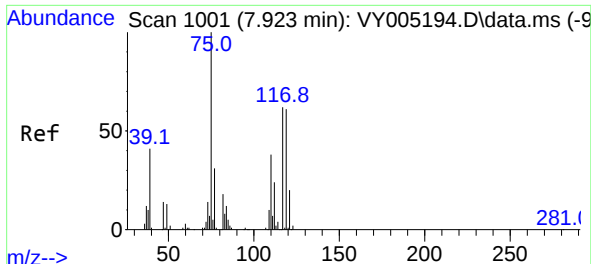
Tgt Ion:114 Resp: 299180
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.070 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Tgt Ion:113 Resp: 95402
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 24.9 20.2 30.2

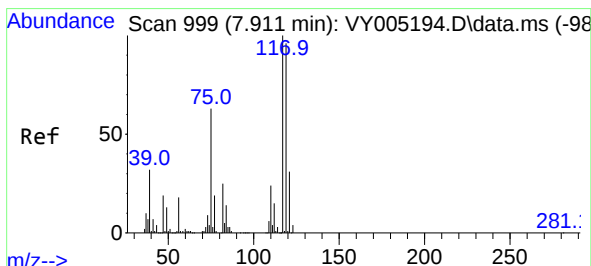
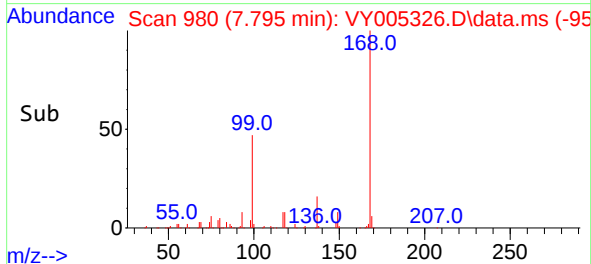
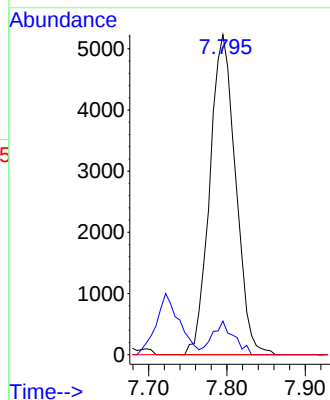
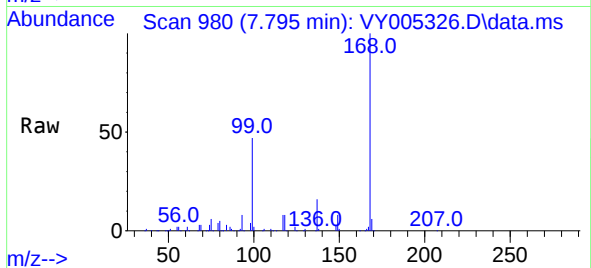




#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

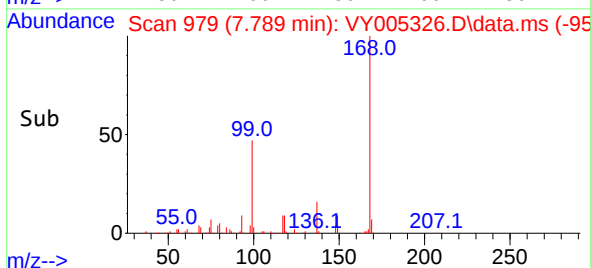
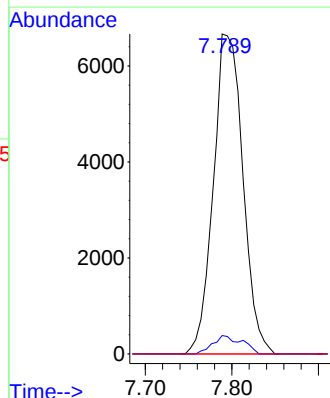
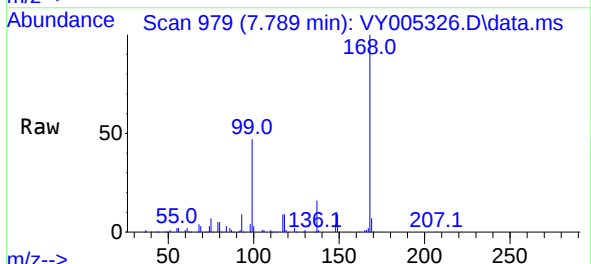
Instrument :
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ClientSampleId :
D-4300

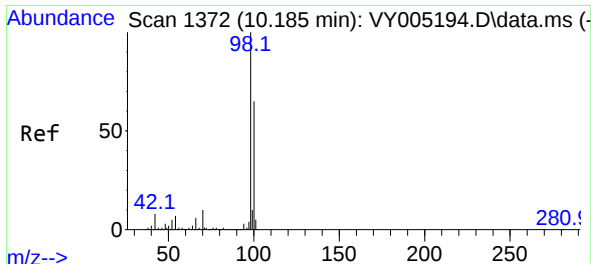
Tgt Ion: 75 Resp: 12004
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Tgt Ion: 117 Resp: 15789
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.4#
121 0.0 24.7 37.1#

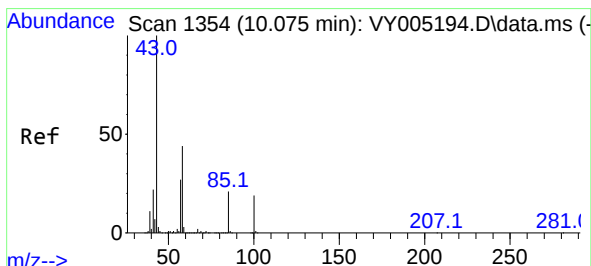
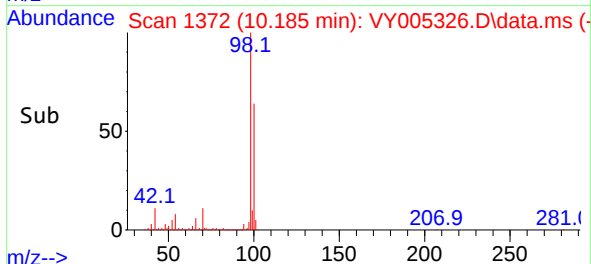
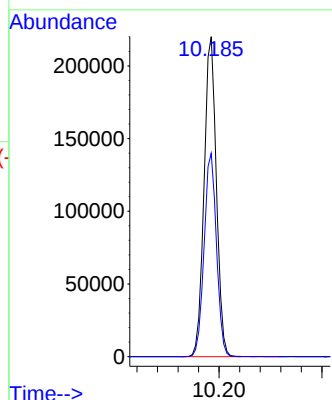
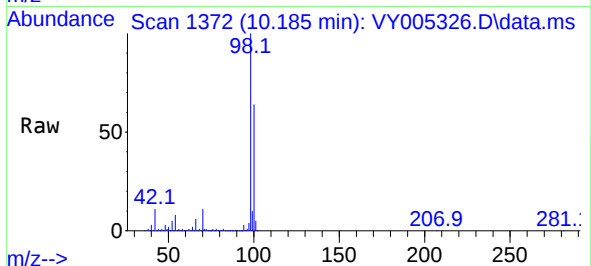




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

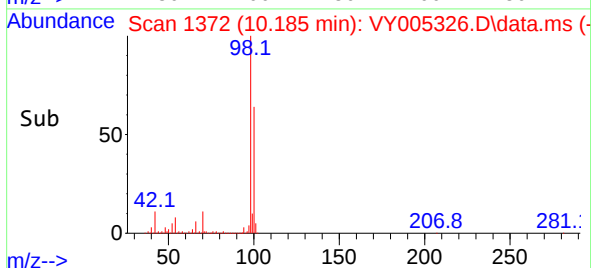
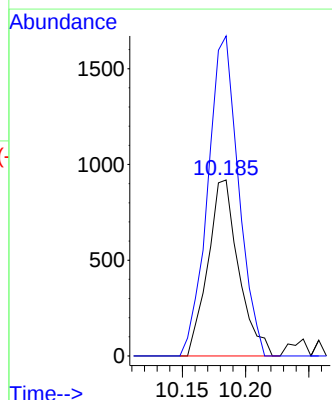
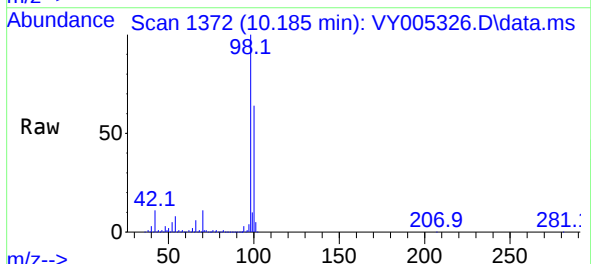
Instrument :
MSVOA_Y
ClientSampled :
D-4300

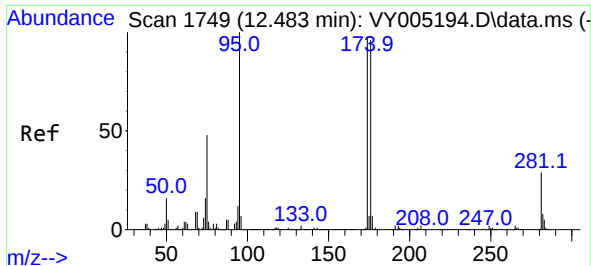
Tgt Ion: 98 Resp: 363648
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.187 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 182.2 35.3 52.9#



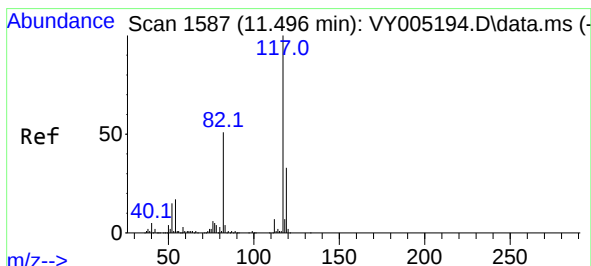
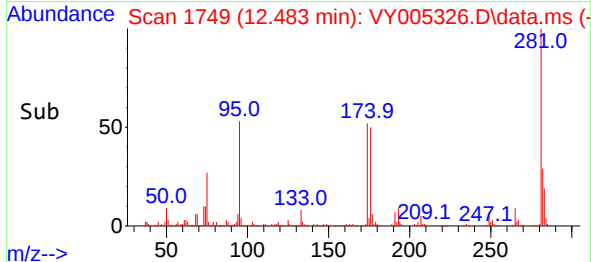
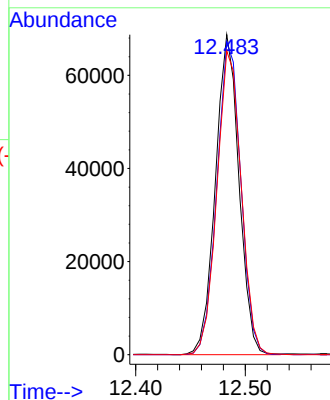
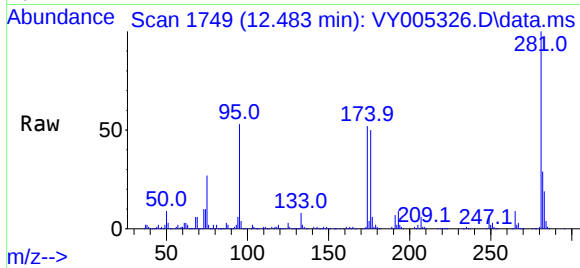


#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Instrument :
MSVOA_Y
ClientSampleId :
D-4300

Tgt Ion: 95 Resp: 102668

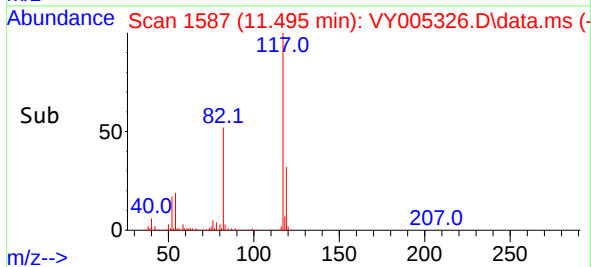
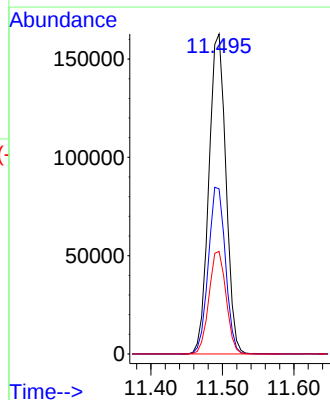
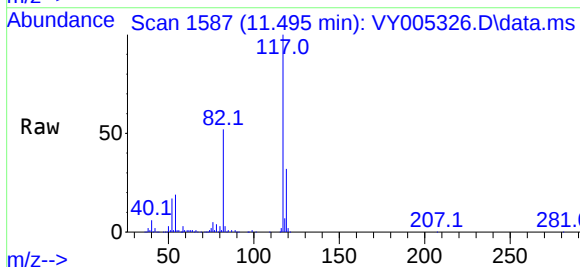
Ion	Ratio	Lower	Upper
95	100		
174	99.3	0.0	201.6
176	97.7	0.0	197.4

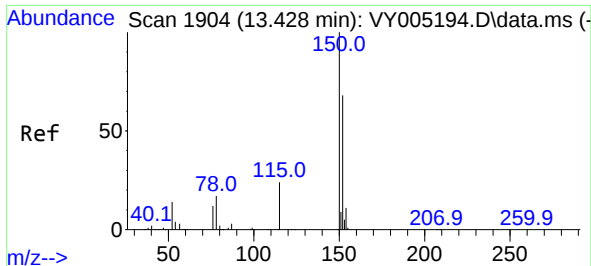


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005326.D
Acq: 01 Jul 2021 19:54

Tgt Ion: 117 Resp: 269339

Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.6	60.8
119	32.1	26.1	39.1

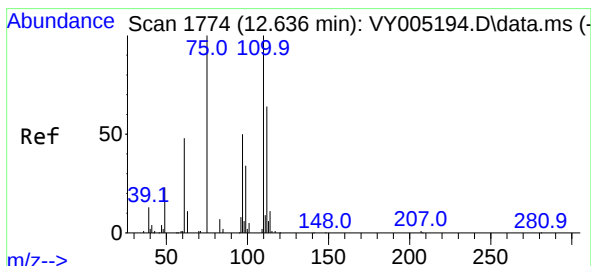
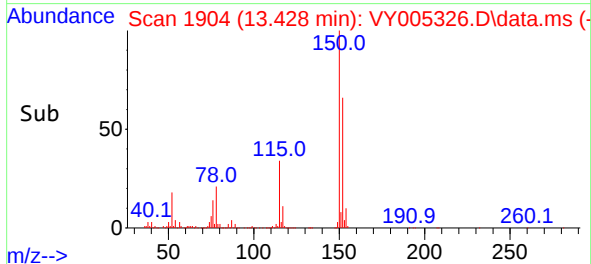
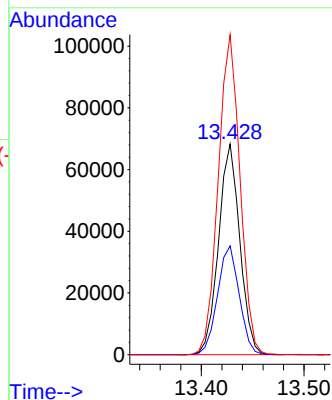
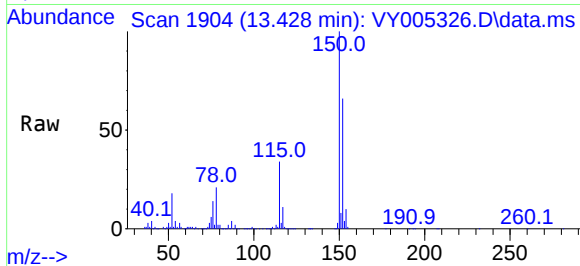




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005326.D
 Acq: 01 Jul 2021 19:54

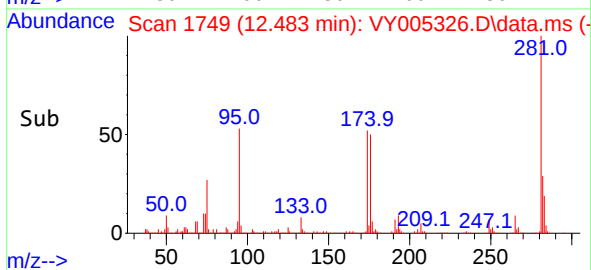
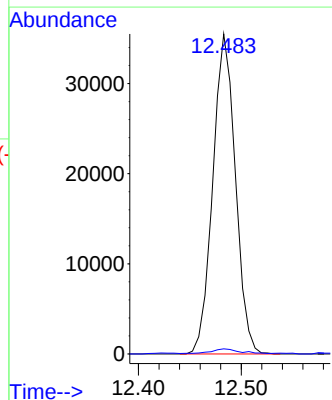
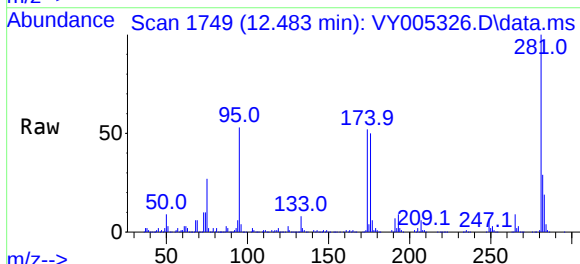
Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4300

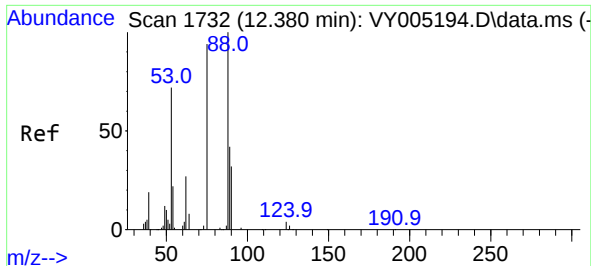
Tgt Ion:	152	Resp:	98061
Ion	Ratio	Lower	Upper
152	100		
115	52.7	26.3	78.8
150	155.5	0.0	344.2



#76
 1,2,3-Trichloropropane
 Concen: 62.261 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005326.D
 Acq: 01 Jul 2021 19:54

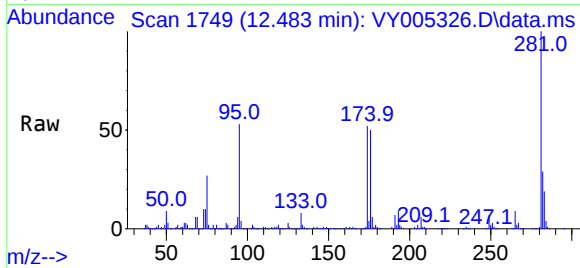
Tgt Ion:	75	Resp:	54148
Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.165 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005326.D
 Acq: 01 Jul 2021 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-4300



Tgt Ion: 75 Resp: 54148
 Ion Ratio Lower Upper
 75 100
 53 0.2 63.0 94.4#
 89 2.4 38.0 57.0#

