

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006072.D
 Acq On : 17 Sep 2021 16:00
 Operator : SY/MD
 Sample : M3775-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2D

Quant Time: Sep 20 01:41:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	125567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	95210	54.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.180%
35) Dibromofluoromethane	7.722	113	73393	48.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.185	98	316032	49.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.483	95	125234	57.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.320%

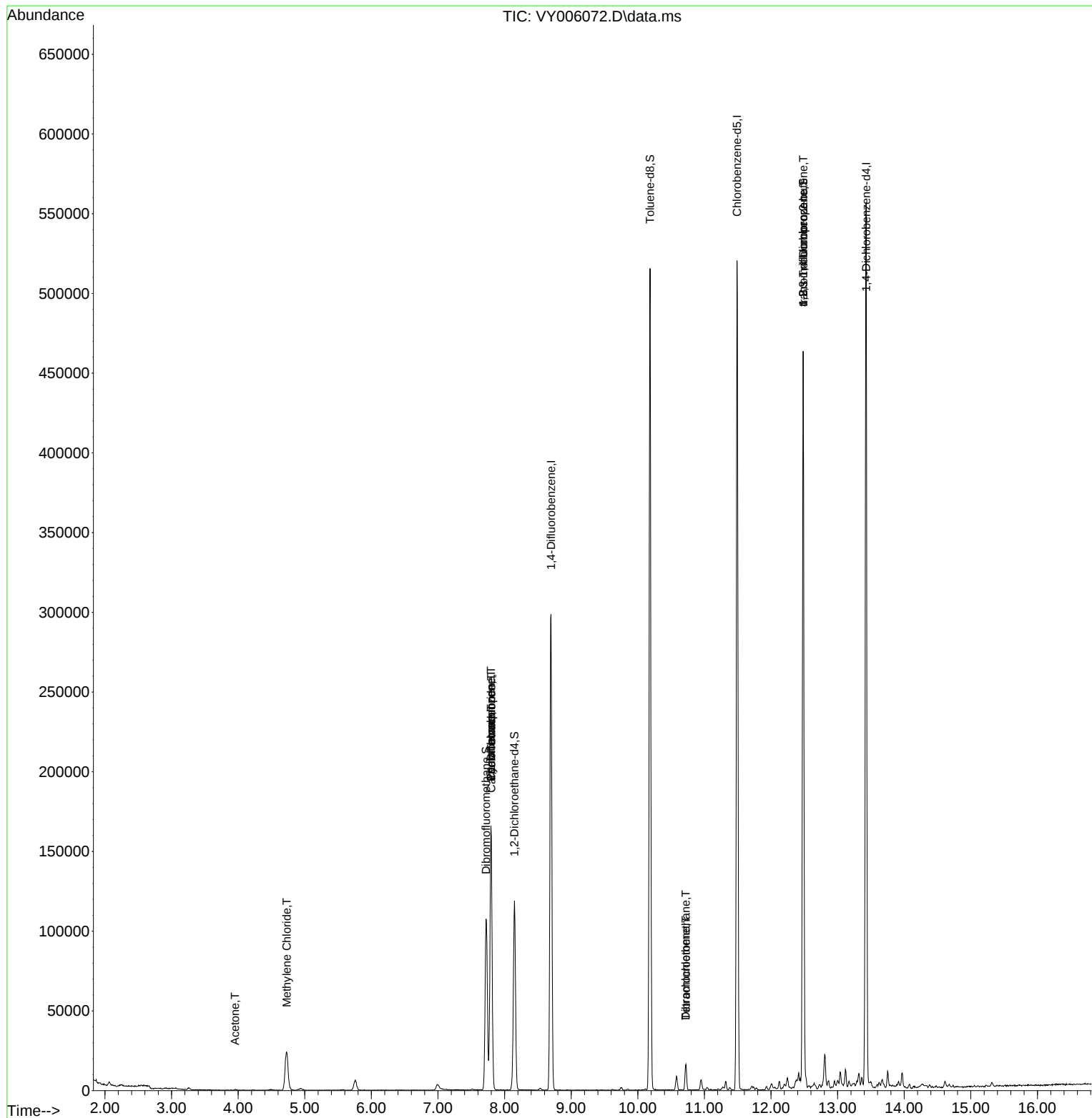
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.929	59	615	Below Cal	#	77
16) Acetone	3.954	43	788	1.647	ug/l	97
20) Methylene Chloride	4.728	84	17035	7.458	ug/l	98
31) Cyclohexane	7.795	56	2920	1.045	ug/l	# 25
36) 1,1-Dichloropropene	7.795	75	10551	4.045	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	12518	4.408	ug/l	# 15
60) Dibromochloromethane	10.721	129	3064	1.806	ug/l	# 11
64) Tetrachloroethene	10.721	164	3291	1.530	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	73138	50.925	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	73138	93.626	ug/l	# 7

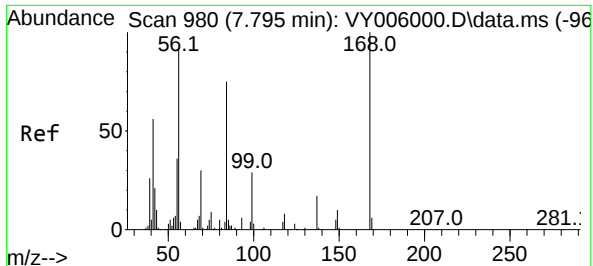
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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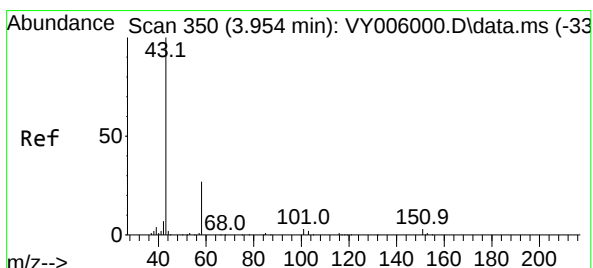
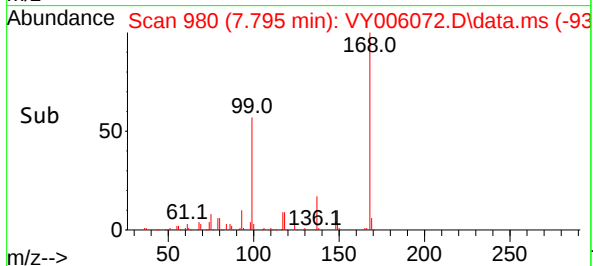
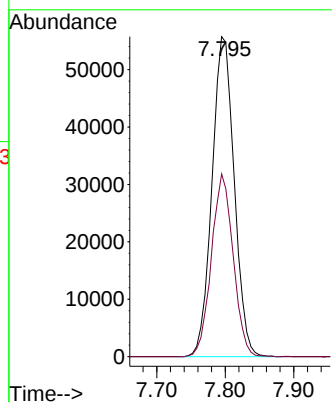
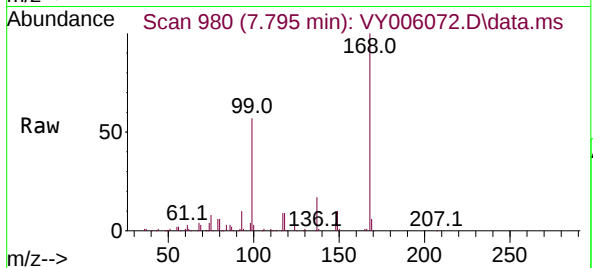




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

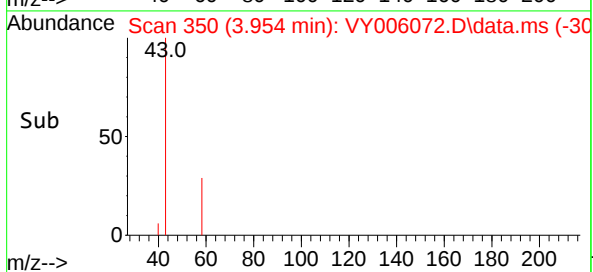
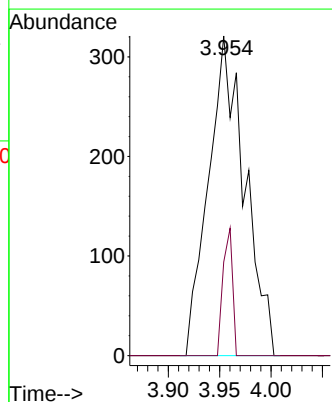
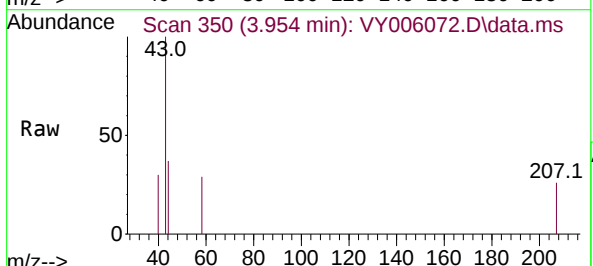
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

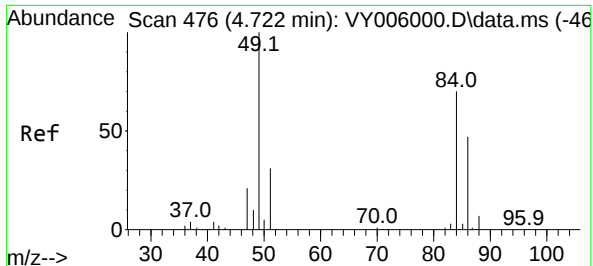
Tgt Ion:168 Resp: 125567
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#16
Acetone
Concen: 1.647 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0

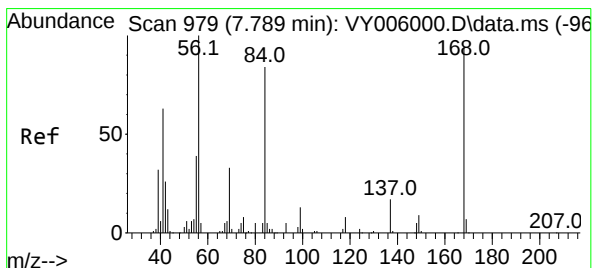
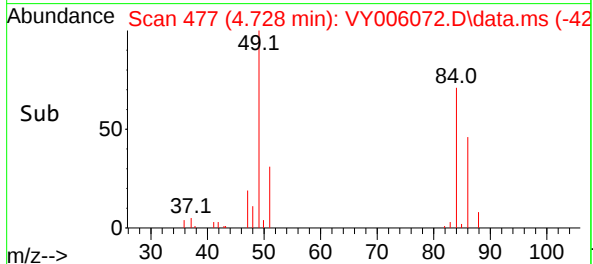
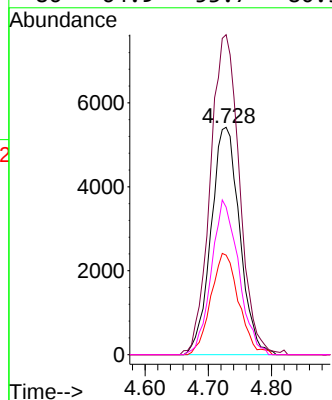
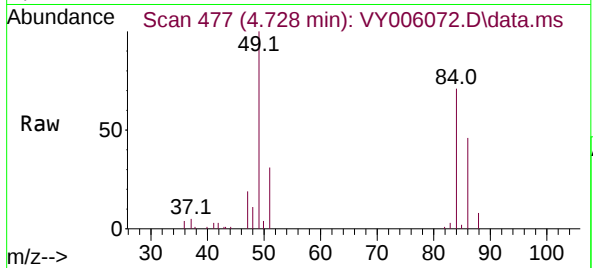




#20
Methylene Chloride
Concen: 7.458 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

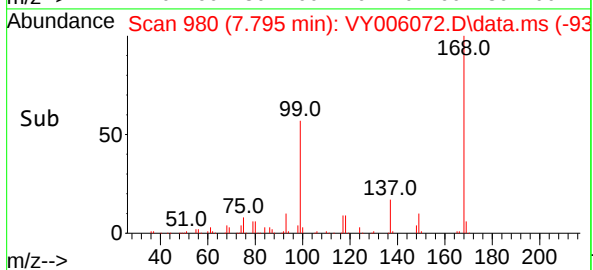
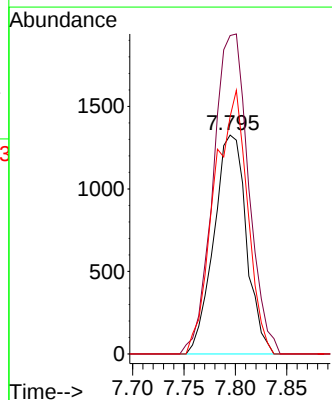
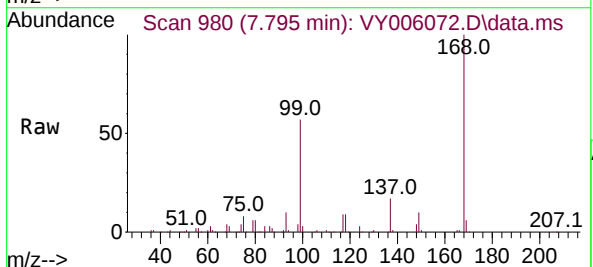
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

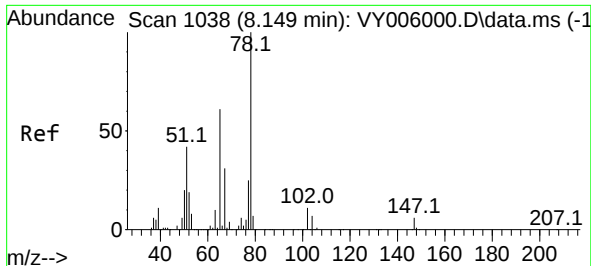
Tgt Ion:	84	Resp:	17035
Ion	Ratio	Lower	Upper
84	100		
49	140.8	114.4	171.6
51	43.8	35.3	52.9
86	64.9	53.7	80.5



#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion:	56	Resp:	2920
Ion	Ratio	Lower	Upper
56	100		
69	145.5	26.7	40.1#
84	108.4	67.2	100.8#

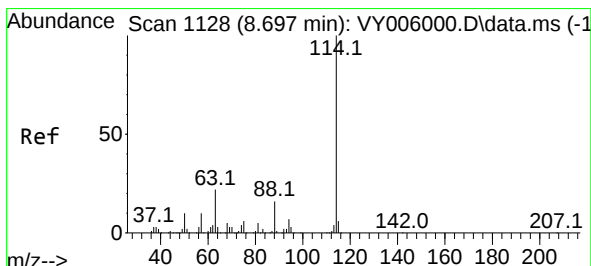
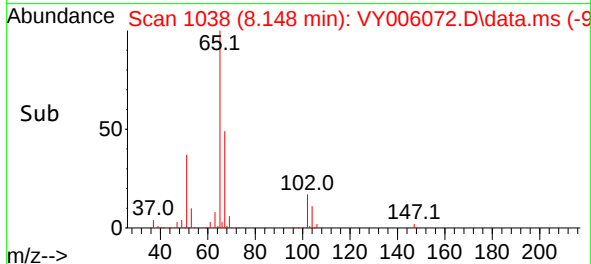
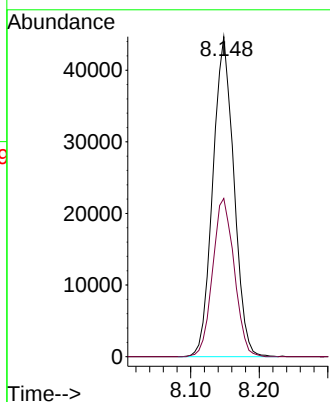
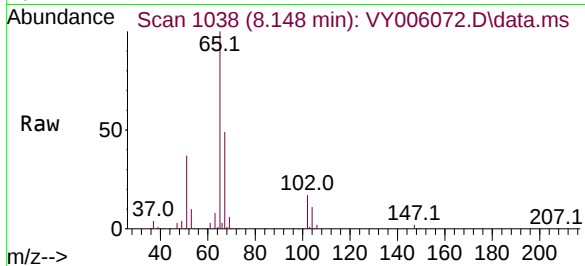




#33
 1,2-Dichloroethane-d4
 Concen: 54.587 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006072.D
 Acq: 17 Sep 2021 16:00

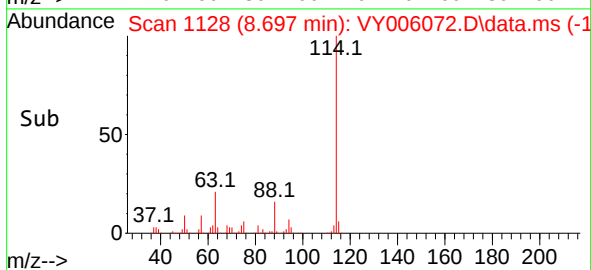
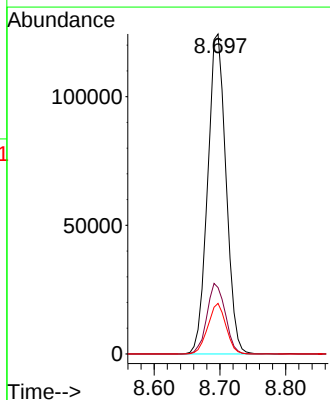
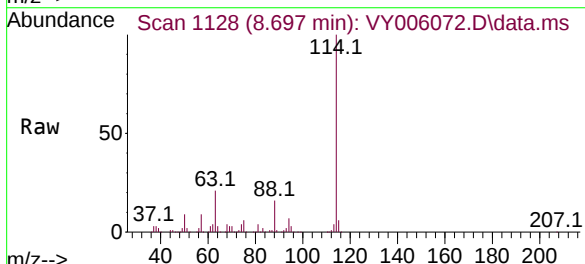
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-2D

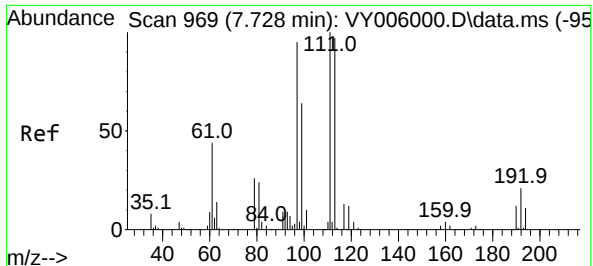
Tgt Ion: 65 Resp: 95210
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006072.D
 Acq: 17 Sep 2021 16:00

Tgt Ion: 114 Resp: 241657
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.8 0.0 31.8

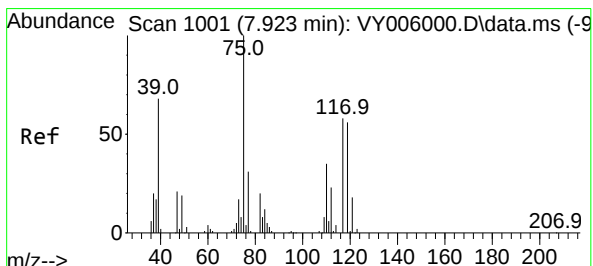
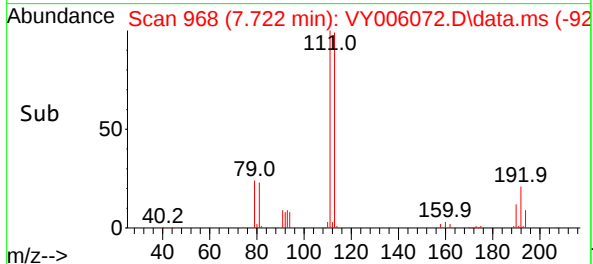
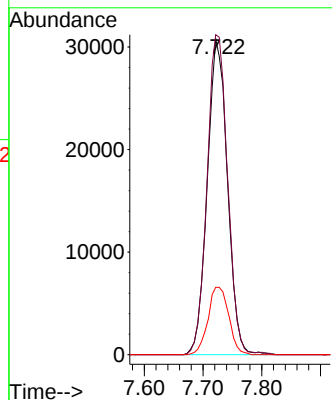
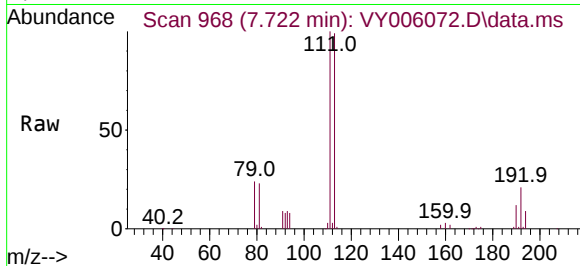




#35
Dibromofluoromethane
Concen: 48.897 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

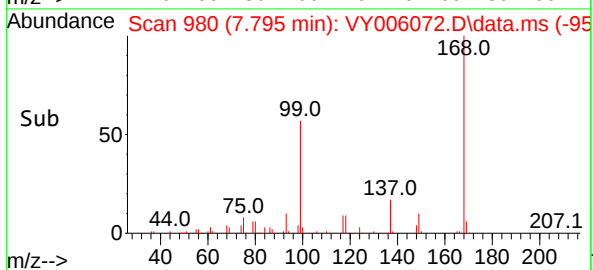
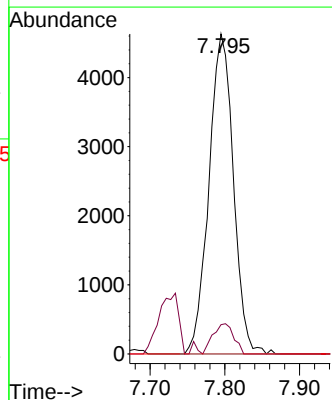
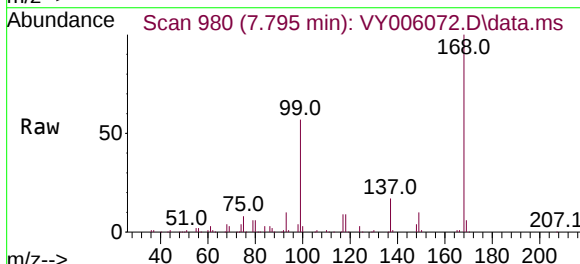
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

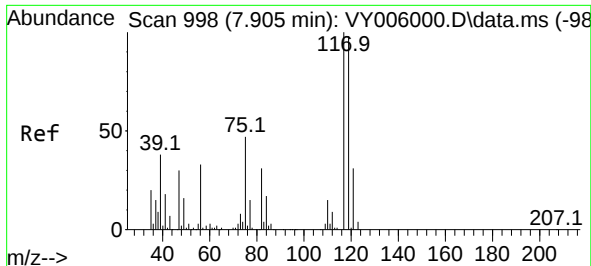
Tgt Ion:	113	Resp:	73393
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	22.0	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.045 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

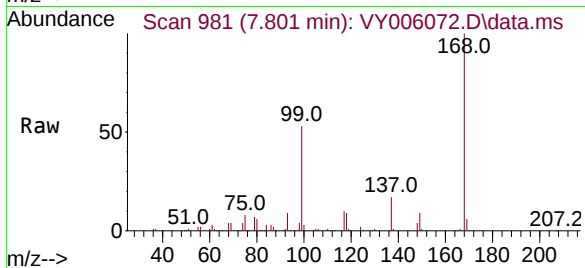
Tgt Ion:	75	Resp:	10551
Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.1	51.2#
77	0.0	24.4	36.6#



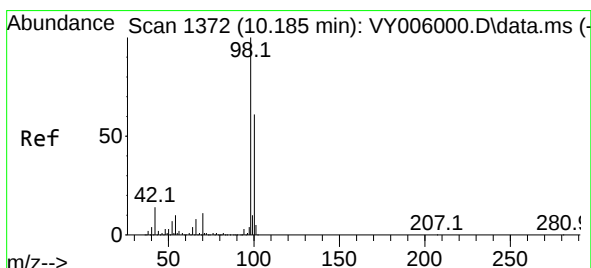
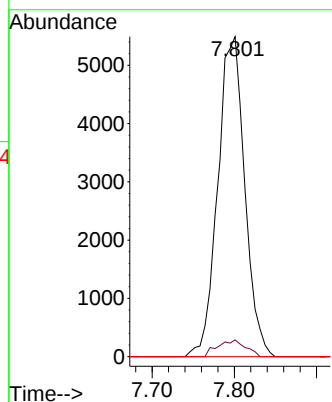
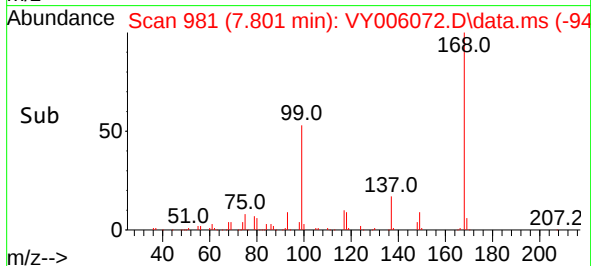


#38
Carbon Tetrachloride
Concen: 4.408 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

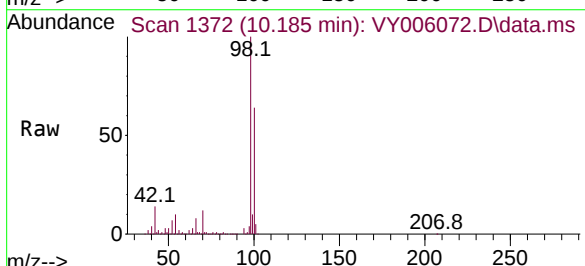
Instrument :
MSVOA_Y
ClientSampled :
PE-2D



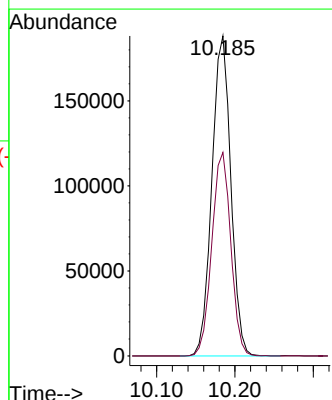
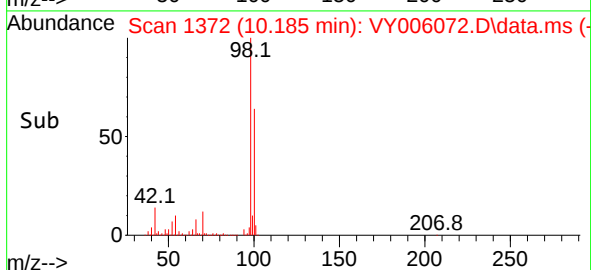
Tgt Ion:117 Resp: 12518
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

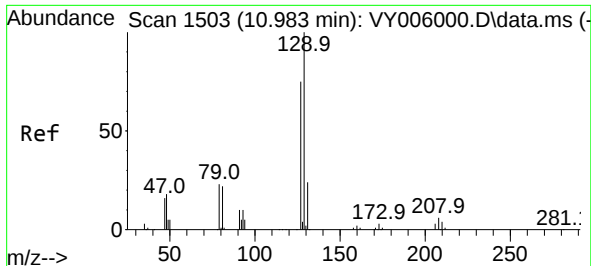


#50
Toluene-d8
Concen: 49.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00



Tgt Ion: 98 Resp: 316032
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

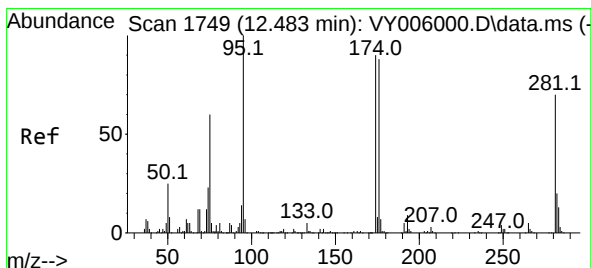
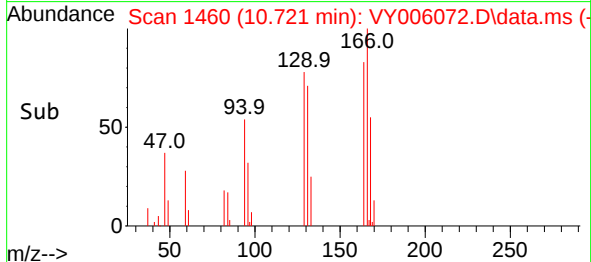
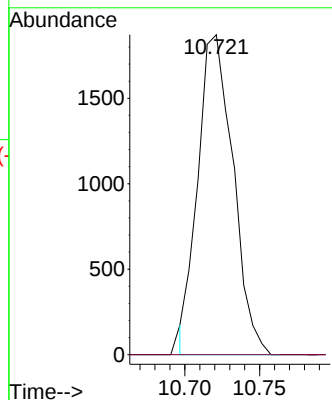
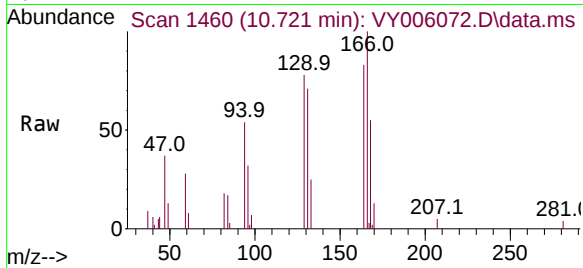




#60
Dibromochloromethane
Concen: 1.806 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

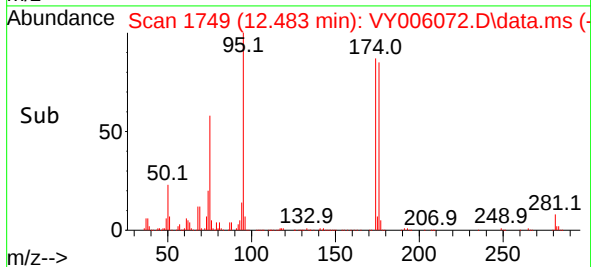
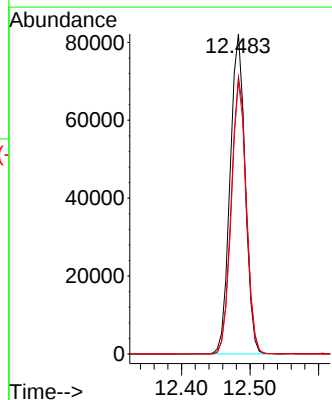
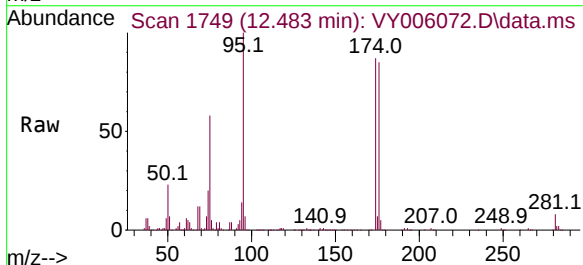
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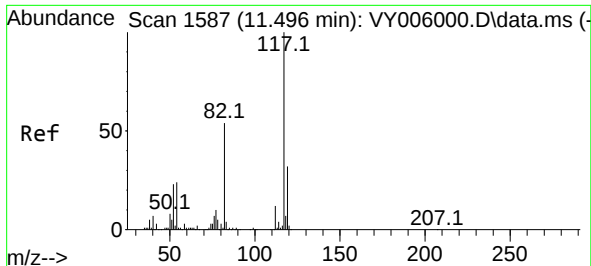
Tgt Ion:129 Resp: 3064
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 57.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 95 Resp: 125234
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 84.3 0.0 175.8

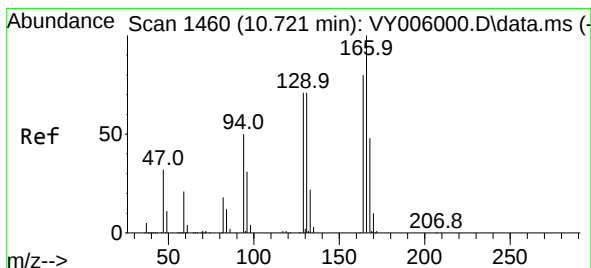
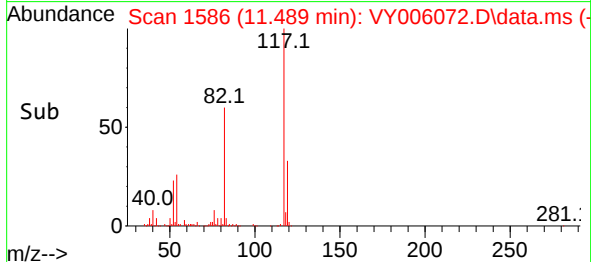
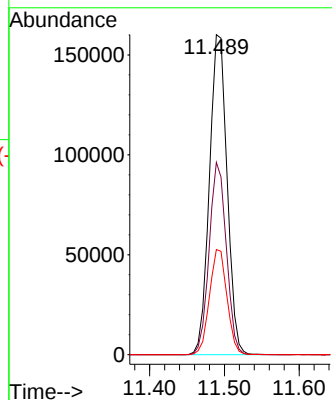
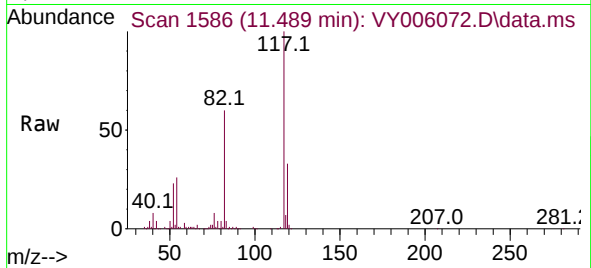




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

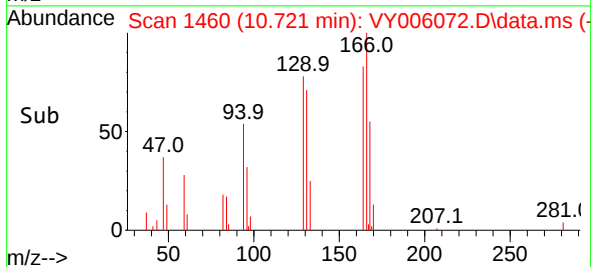
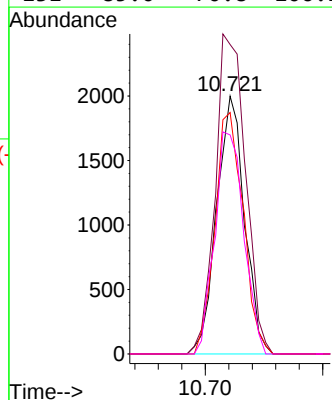
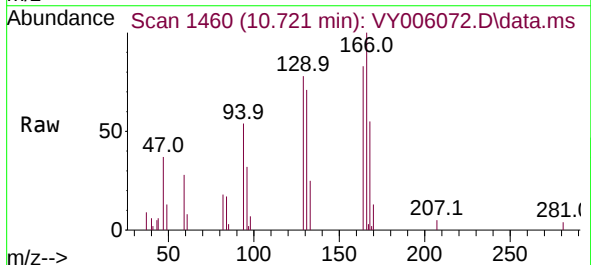
Instrument :
MSVOA_Y
ClientSampled :
PE-2D

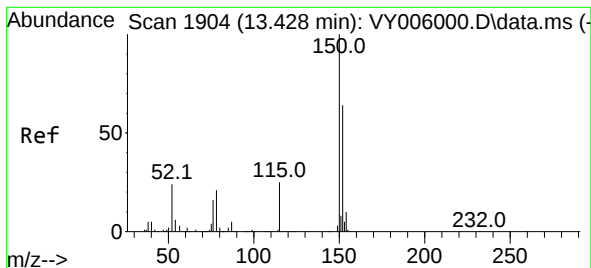
Tgt Ion:117 Resp: 262930
Ion Ratio Lower Upper
117 100
82 60.1 43.0 64.4
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 1.530 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion:164 Resp: 3291
Ion Ratio Lower Upper
164 100
166 120.1 100.4 150.6
129 93.7 71.4 107.0
131 85.0 70.8 106.2

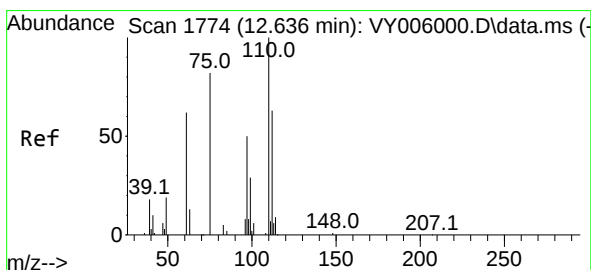
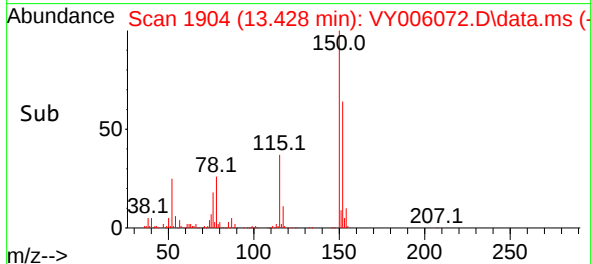
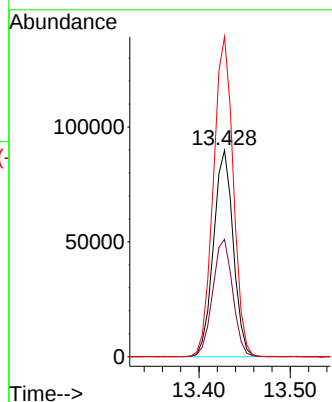
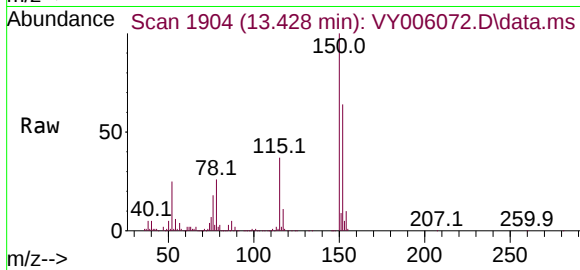




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006072.D
 Acq: 17 Sep 2021 16:00

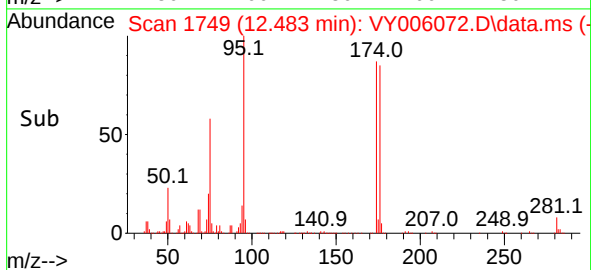
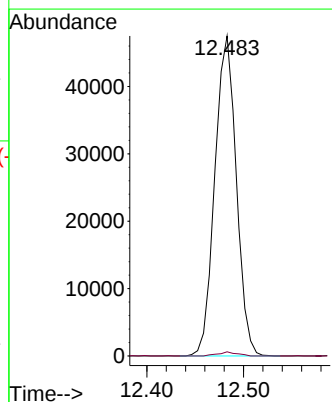
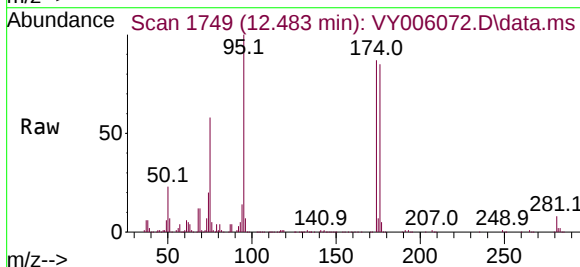
Instrument :
 MSVOA_Y
 ClientSampled :
 PE-2D

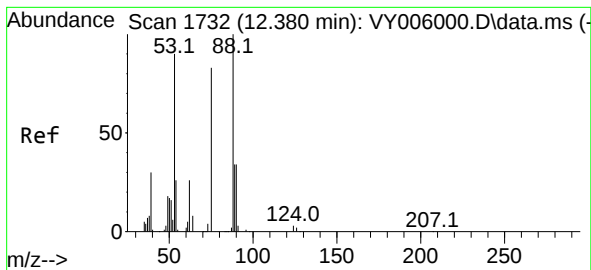
Tgt Ion:152 Resp: 134703
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.925 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006072.D
 Acq: 17 Sep 2021 16:00

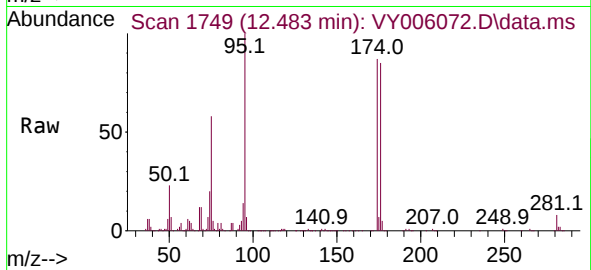
Tgt Ion: 75 Resp: 73138
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.626 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006072.D
 Acq: 17 Sep 2021 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2D



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

