

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005815.D
 Acq On : 24 Aug 2021 12:28
 Operator : SY/MD
 Sample : M3523-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Aug 25 04:29:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

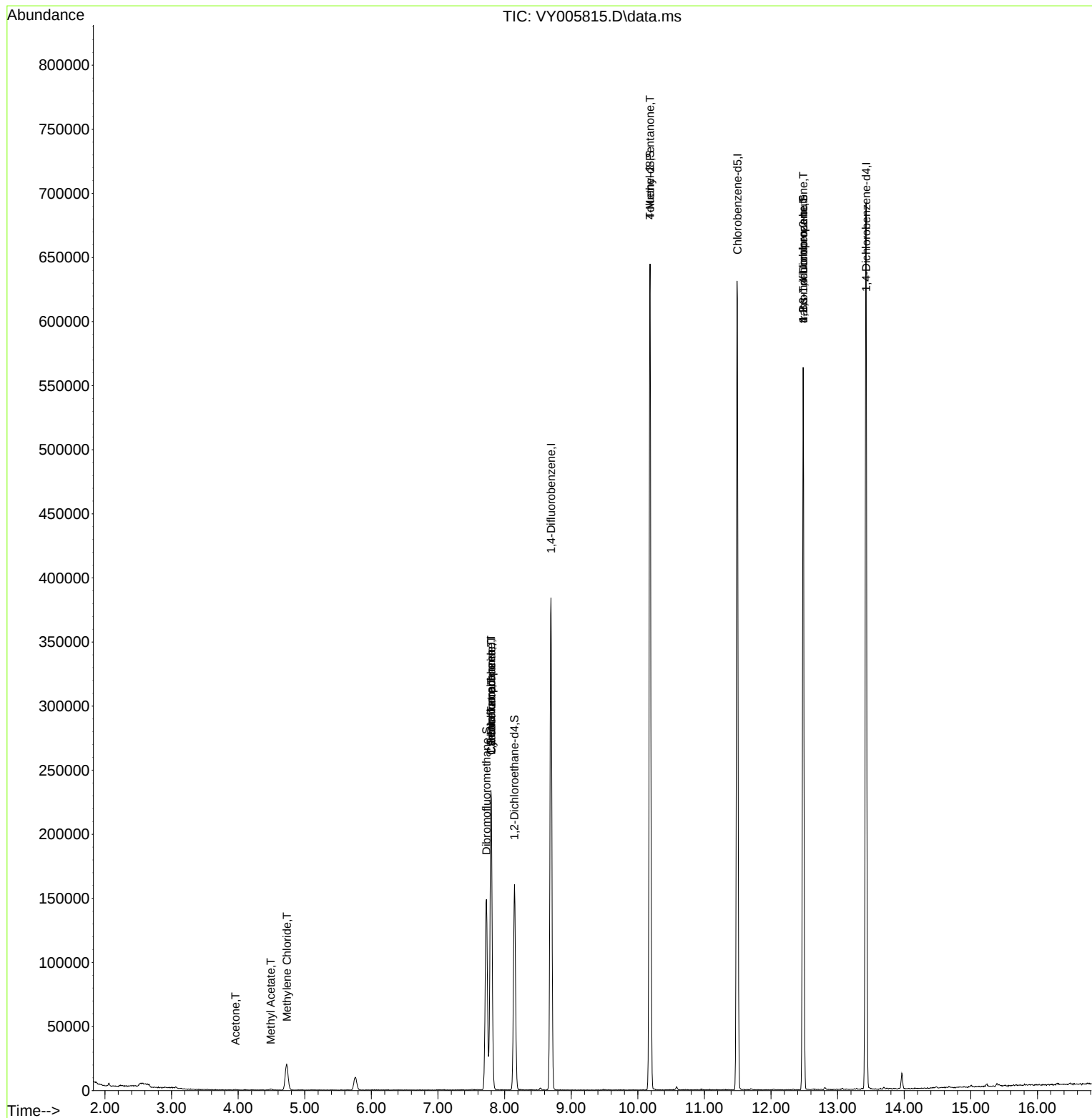
Internal Standards						
1) Pentafluorobenzene	7.795	168	189296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130111	67.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.800%			
35) Dibromofluoromethane	7.728	113	101073	55.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.920%			
50) Toluene-d8	10.185	98	418746	54.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.580%			
62) 4-Bromofluorobenzene	12.483	95	153067	60.479	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.960%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	807	1.670	ug/l #	84
18) Methyl Acetate	4.491	43	1510	1.195	ug/l	97
20) Methylene Chloride	4.734	84	14990	2.007	ug/l	92
31) Cyclohexane	7.801	56	3712	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13100	4.291	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17276	5.207	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1866	1.012	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	84209	45.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84209	90.764	ug/l #	11

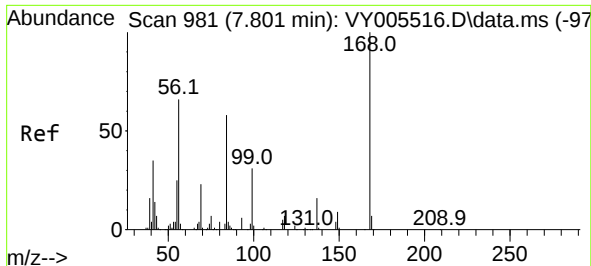
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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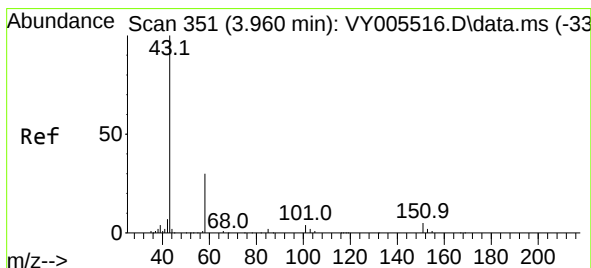
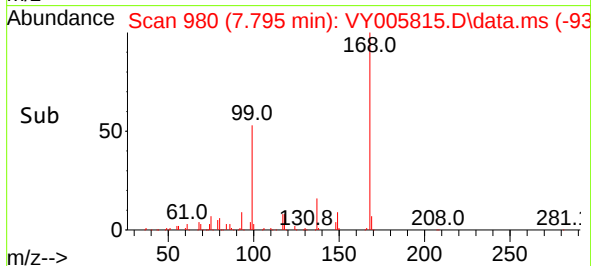
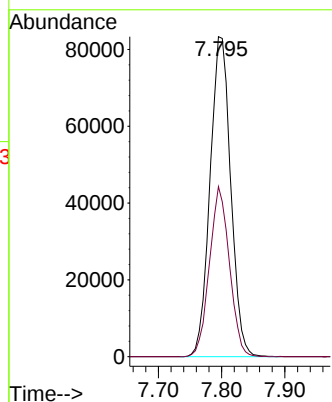
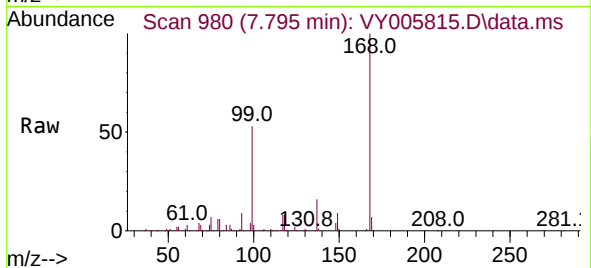




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

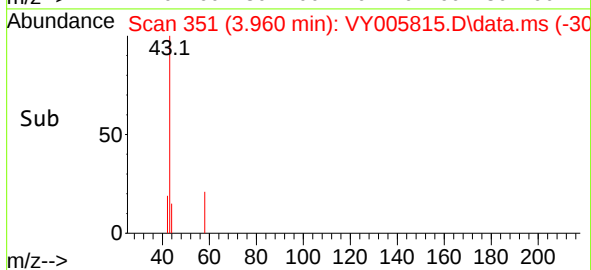
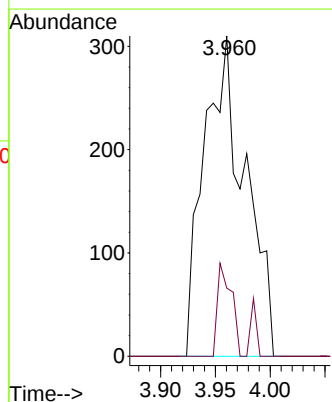
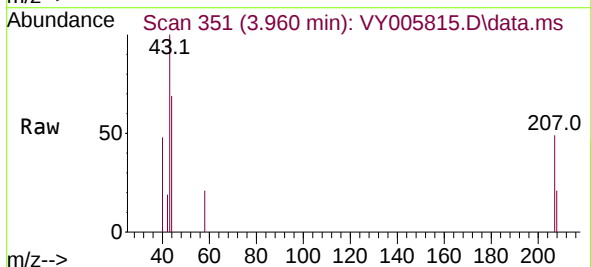
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

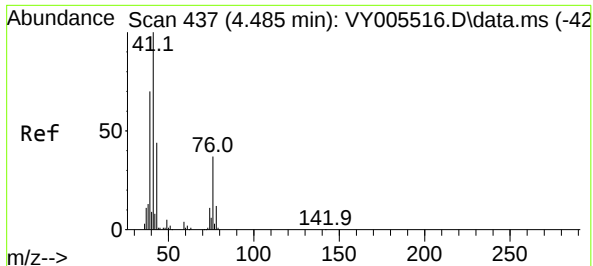
Tgt Ion:168 Resp: 189296
Ion Ratio Lower Upper
168 100
99 53.1 38.9 58.3



#16
Acetone
Concen: 1.670 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 21.3 23.8 35.6#





#18

Methyl Acetate

Concen: 1.195 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY005815.D

Acq: 24 Aug 2021 12:28

Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

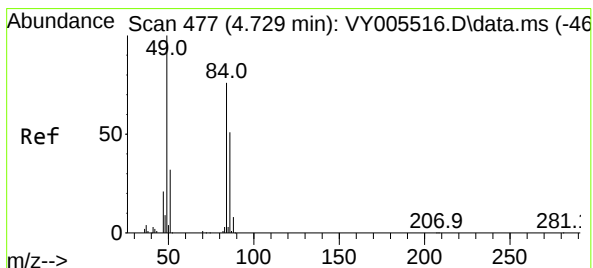
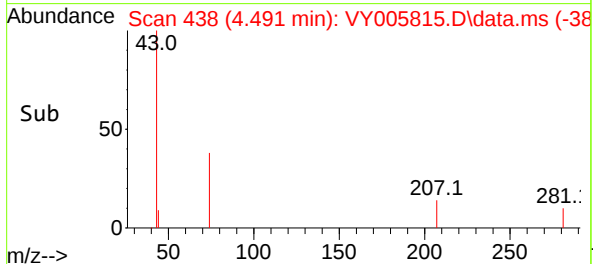
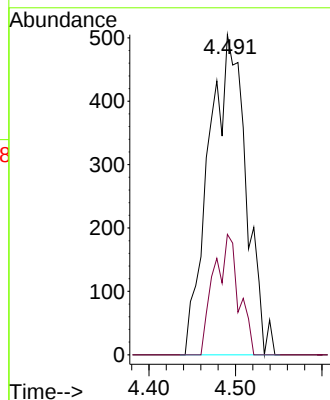
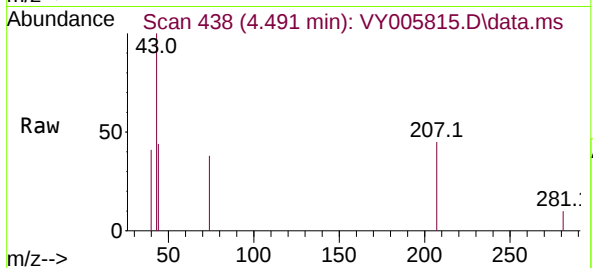
74 25.0 19.0 28.6

Instrument :

MSVOA_Y

ClientSampleId :

72-11998



#20

Methylene Chloride

Concen: 2.007 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY005815.D

Acq: 24 Aug 2021 12:28

Tgt Ion: 84 Resp: 14990

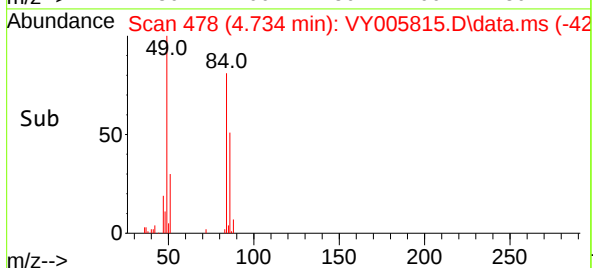
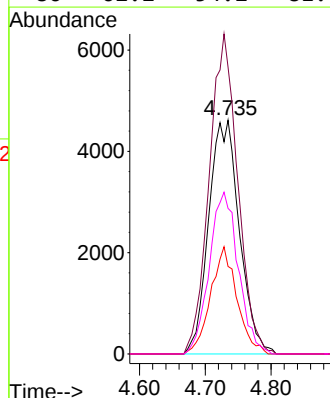
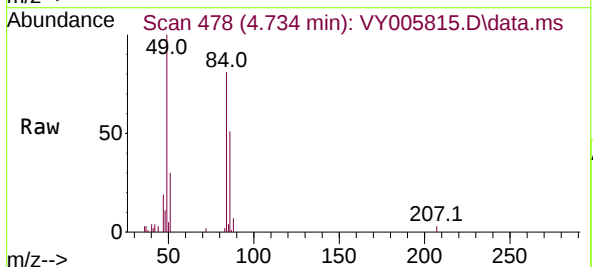
Ion Ratio Lower Upper

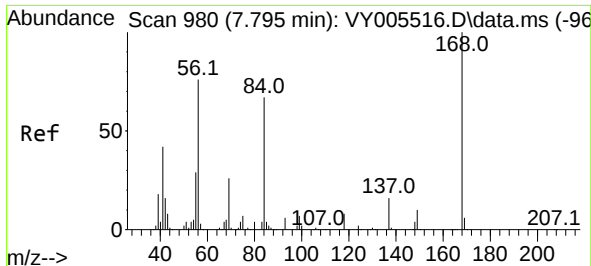
84 100

49 122.7 105.8 158.6

51 37.4 33.4 50.2

86 62.2 54.2 81.4

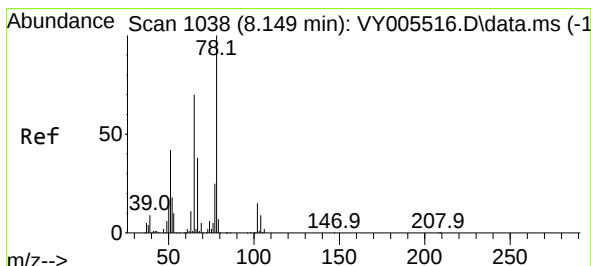
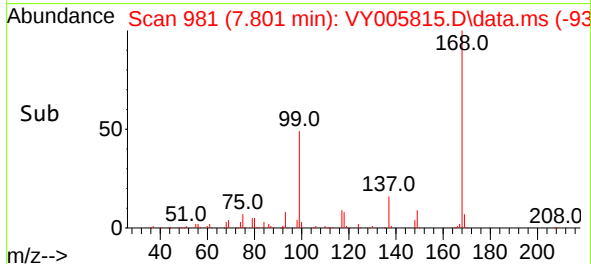
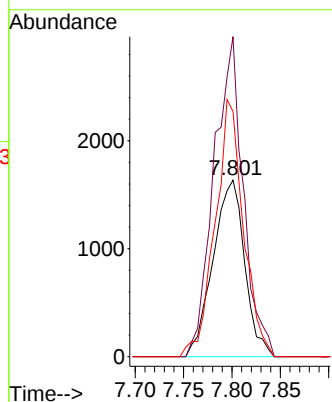
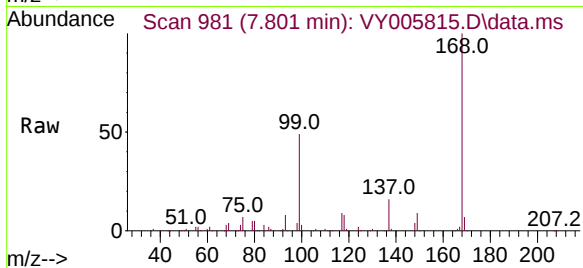




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

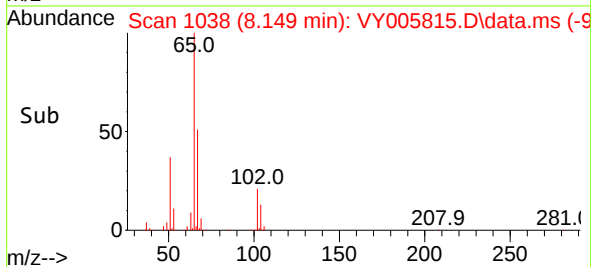
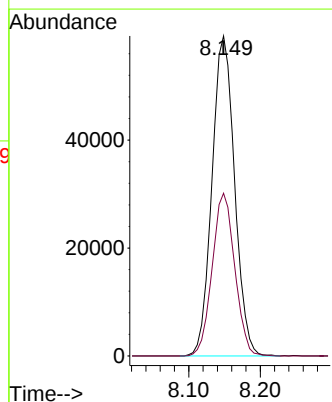
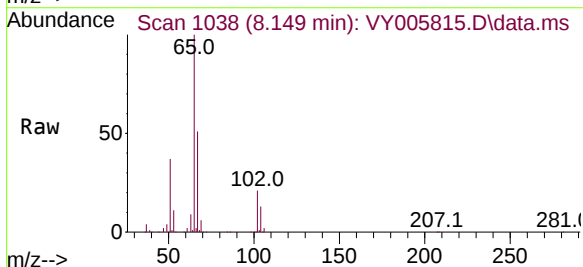
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

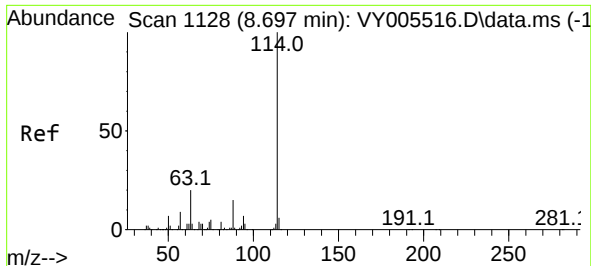
Tgt Ion: 56 Resp: 3712
Ion Ratio Lower Upper
56 100
69 181.3 27.7 41.5#
84 139.0 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 67.902 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

Tgt Ion: 65 Resp: 130111
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

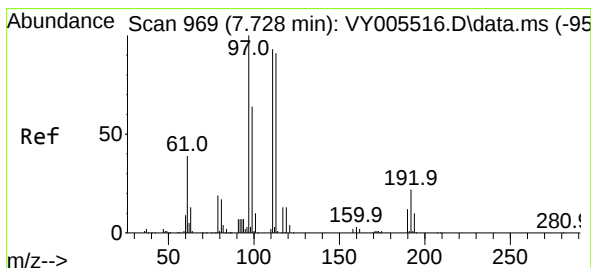
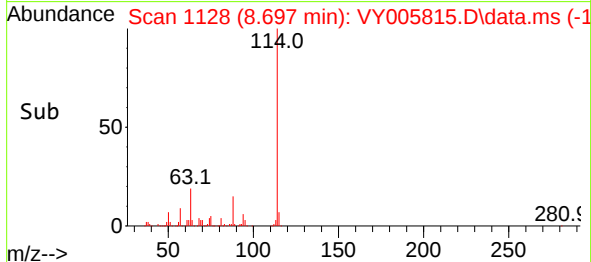
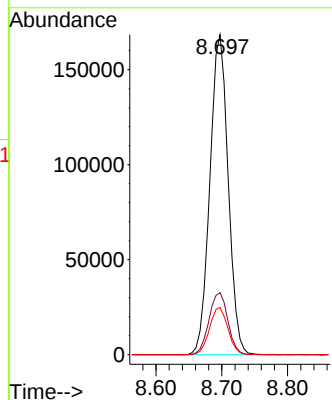
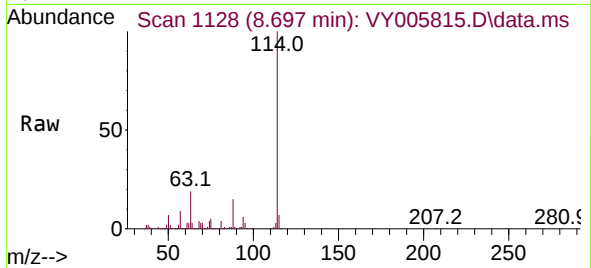




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

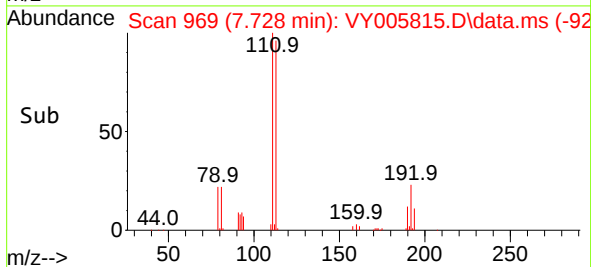
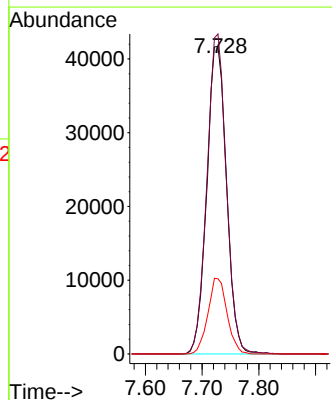
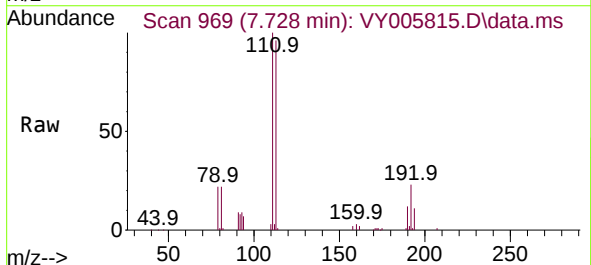
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

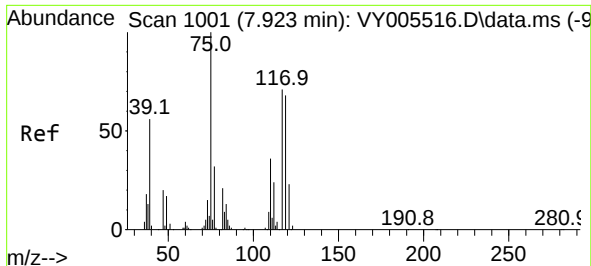
Tgt Ion:114 Resp: 325493
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.2
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.463 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

Tgt Ion:113 Resp: 101073
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.8 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.291 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005815.D

Acq: 24 Aug 2021 12:28

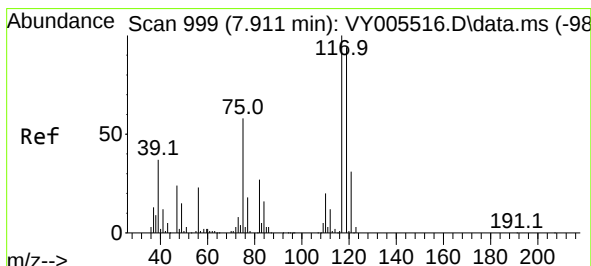
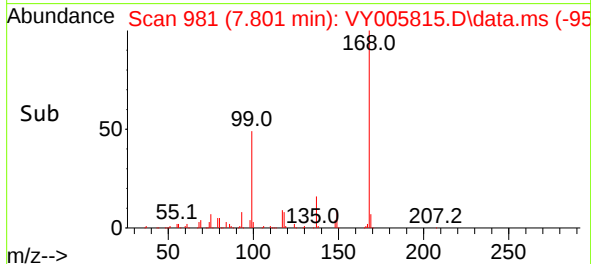
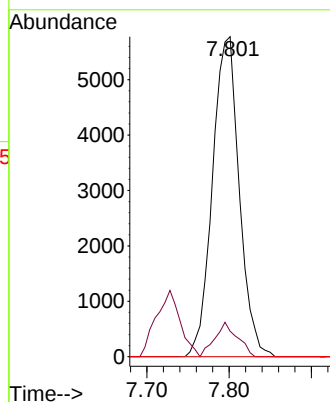
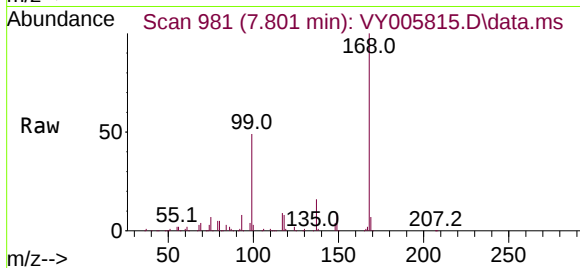
Instrument :

MSVOA_Y

ClientSampleId :

72-11998

Tgt Ion:	75	Resp:	13100
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.207 ug/l

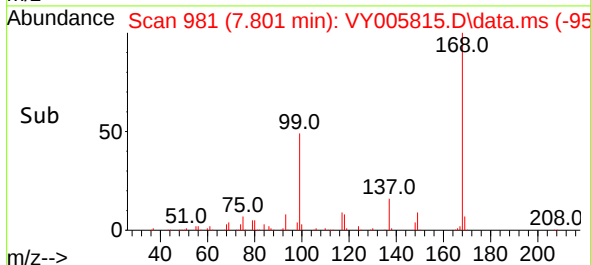
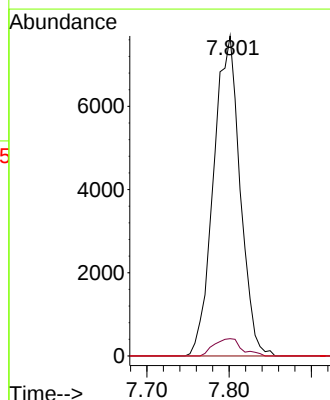
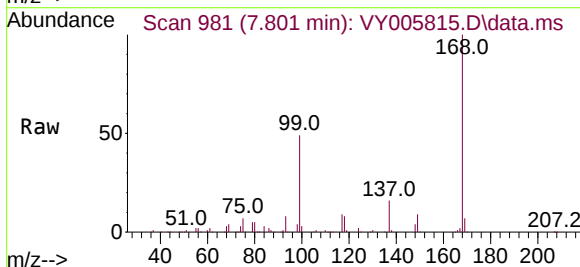
RT: 7.801 min Scan# 981

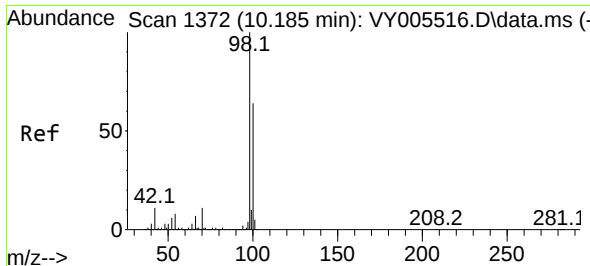
Delta R.T. -0.110 min

Lab File: VY005815.D

Acq: 24 Aug 2021 12:28

Tgt Ion:	117	Resp:	17276
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.4	113.0#
121	0.0	25.1	37.7#

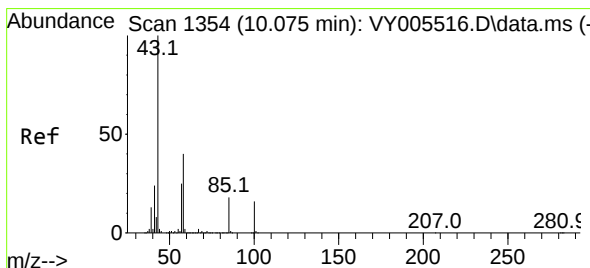
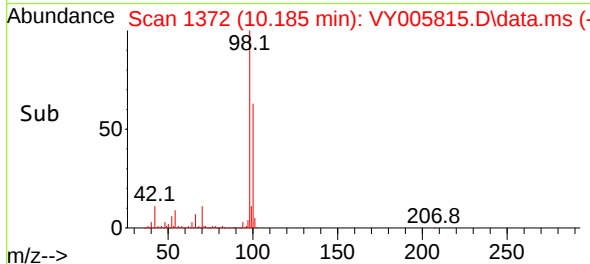
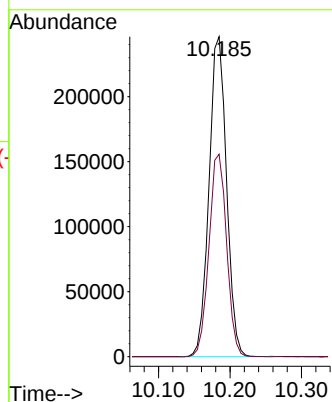
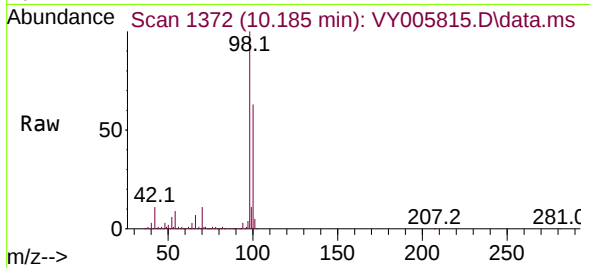




#50
Toluene-d8
Concen: 54.789 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

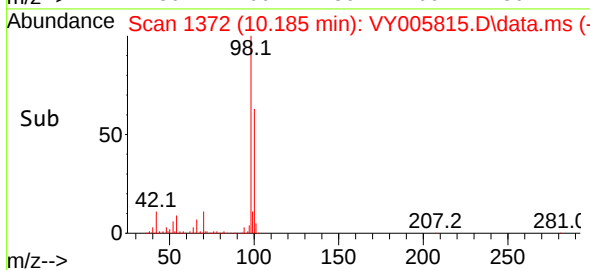
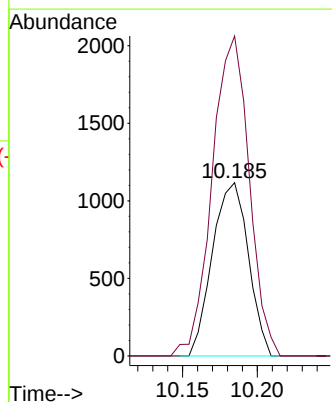
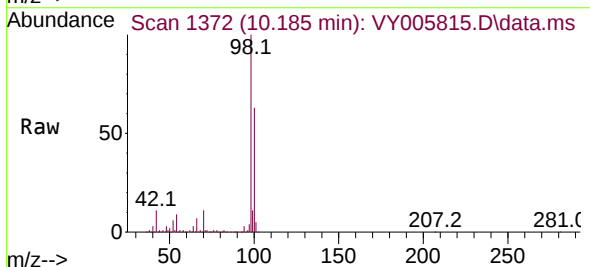
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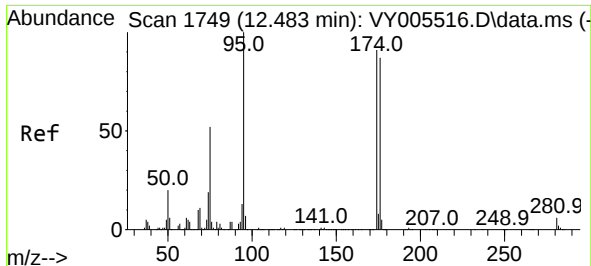
Tgt Ion: 98 Resp: 418746
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
58 189.9 31.4 47.2#

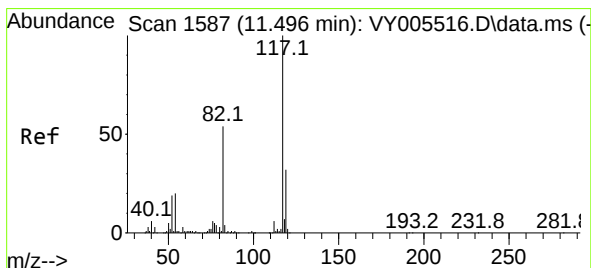
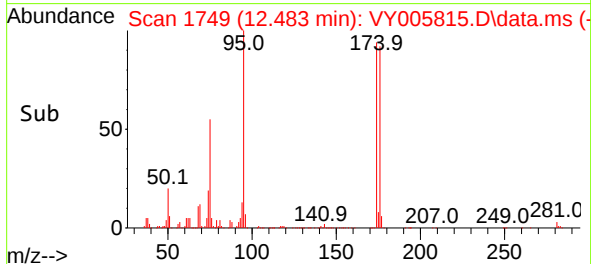
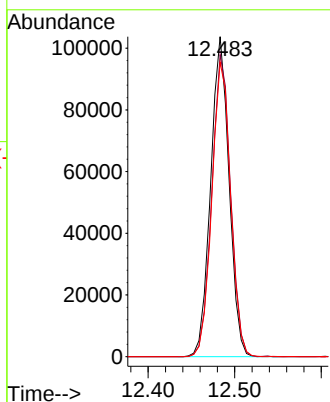
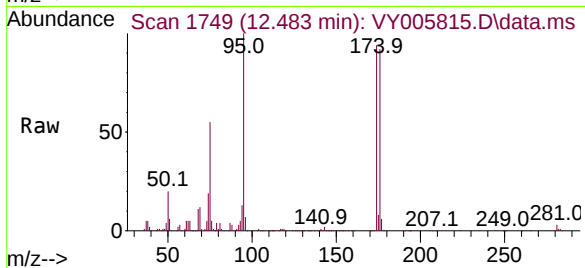




#62
4-Bromofluorobenzene
Concen: 60.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

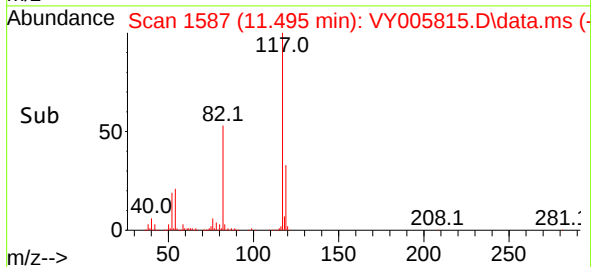
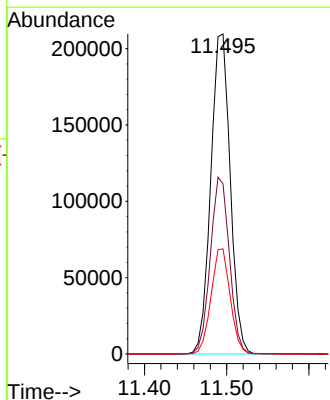
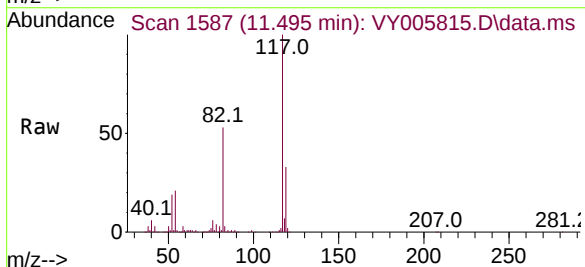
Instrument :
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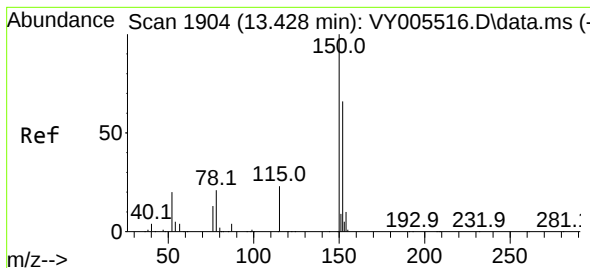
Tgt Ion: 95 Resp: 153067
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 93.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005815.D
Acq: 24 Aug 2021 12:28

Tgt Ion: 117 Resp: 344245
Ion Ratio Lower Upper
117 100
82 53.2 43.5 65.3
119 32.8 25.5 38.3

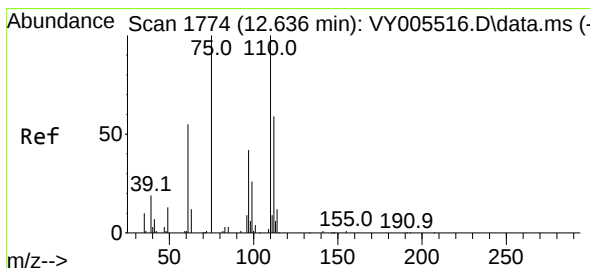
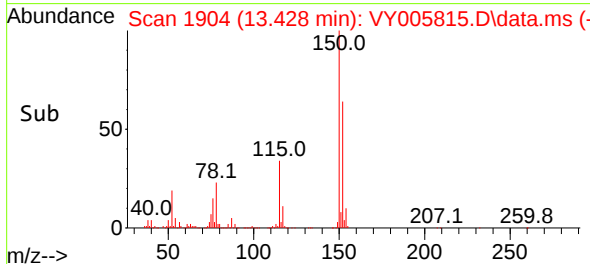
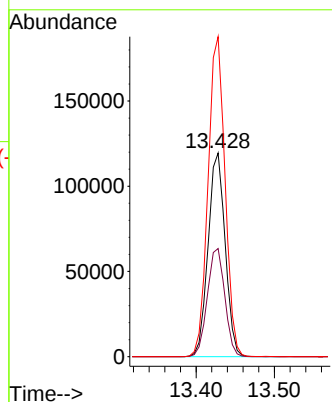
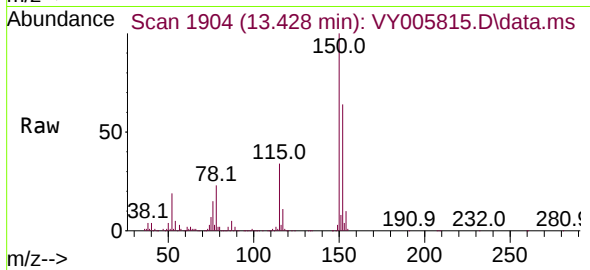




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005815.D
 Acq: 24 Aug 2021 12:28

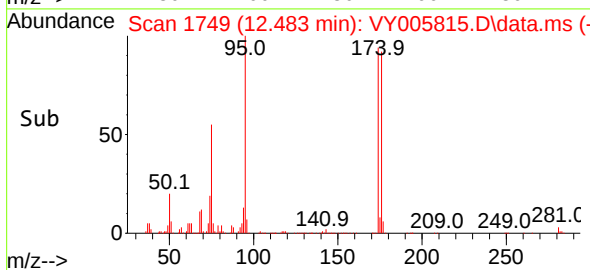
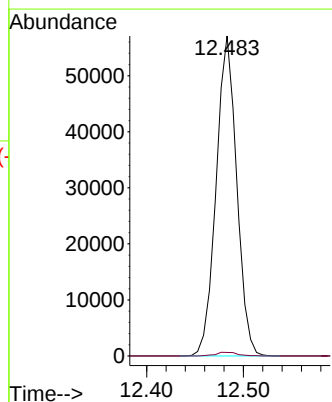
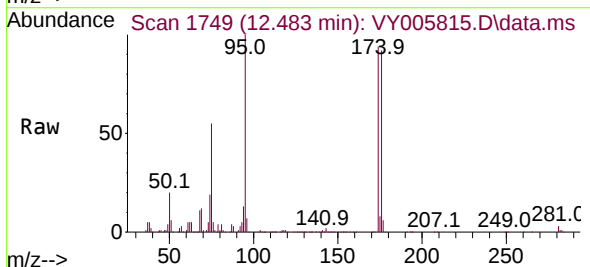
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

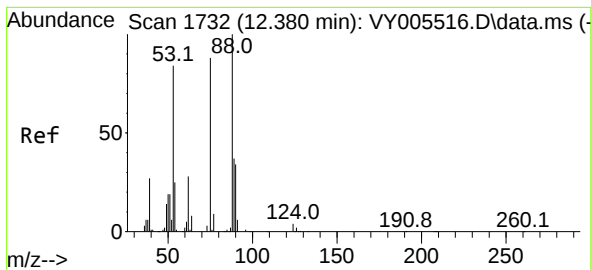
Tgt Ion:152 Resp: 180479
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.3 81.9
 150 156.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.025 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005815.D
 Acq: 24 Aug 2021 12:28

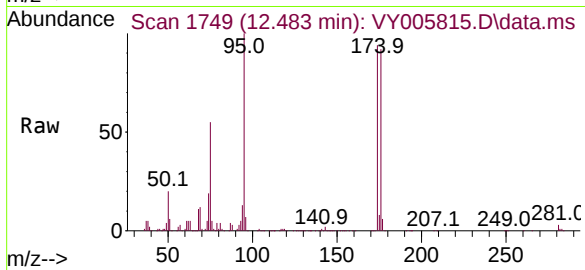
Tgt Ion: 75 Resp: 84209
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.764 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005815.D
 Acq: 24 Aug 2021 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

