

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005858.D
 Acq On : 26 Aug 2021 14:09
 Operator : SY/MD
 Sample : M3547-01
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Aug 27 03:25:45 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)

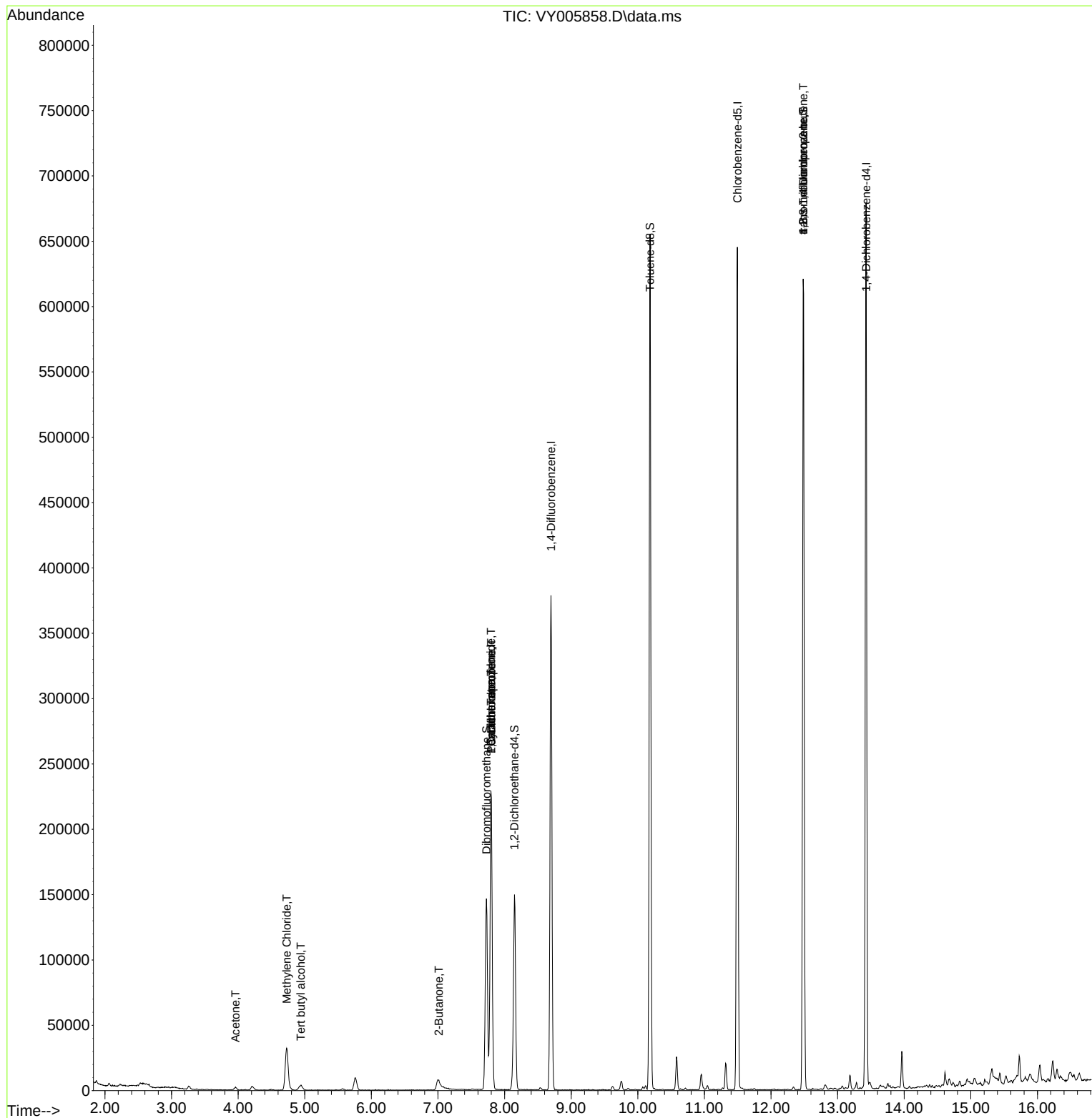
Internal Standards						
1) Pentafluorobenzene	7.801	168	187954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	342812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116868	61.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.860%	
35) Dibromofluoromethane	7.728	113	99582	55.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.185	98	421423	55.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.483	95	150687	60.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	4269	22.698	ug/l #	73
16) Acetone	3.960	43	3627	7.561	ug/l	92
20) Methylene Chloride	4.729	84	24495	7.760	ug/l	94
25) 2-Butanone	7.015	43	723	1.020	ug/l #	48
31) Cyclohexane	7.795	56	3599	1.103	ug/l #	11
36) 1,1-Dichloropropene	7.801	75	14109	4.677	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17420	5.313	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	83723	45.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83723	92.160	ug/l #	11

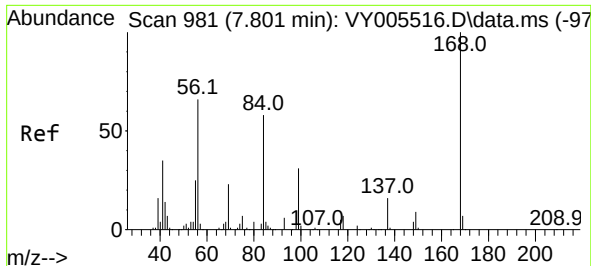
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :
PE-1

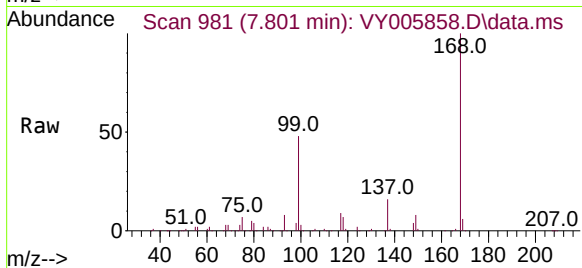
Quant Time: Aug 27 03:25:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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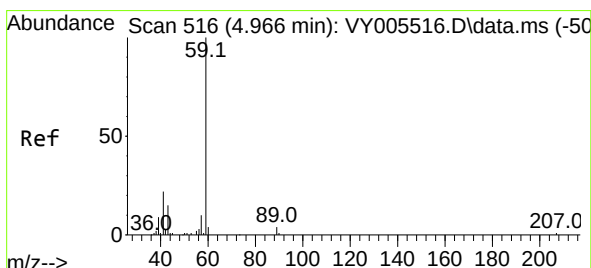
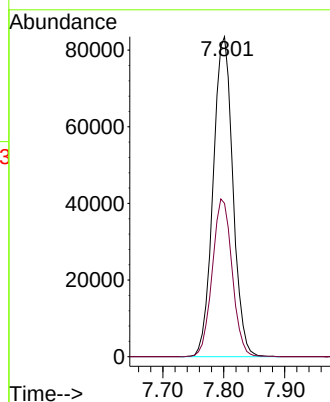
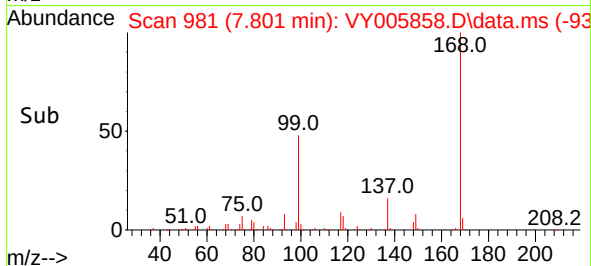


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Instrument :
MSVOA_Y
ClientSampled :
PE-1

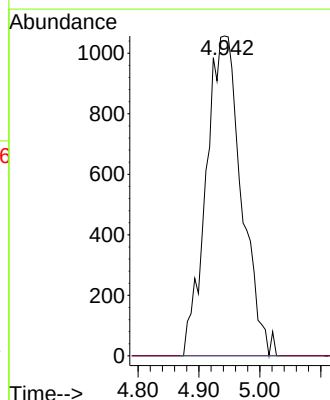
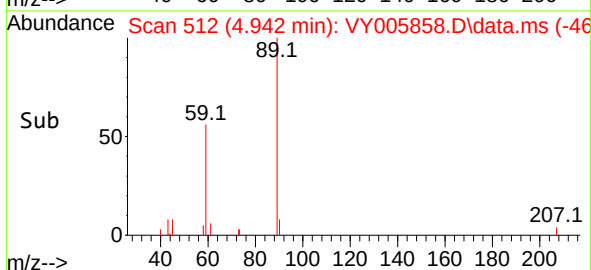
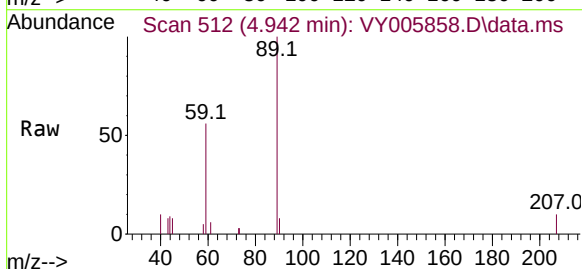


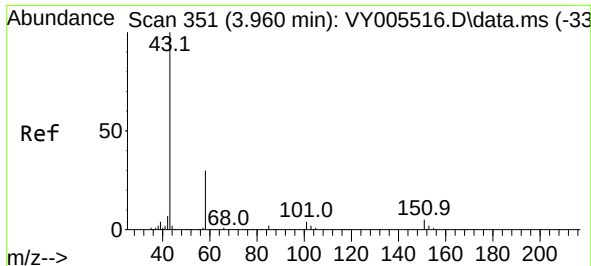
Tgt Ion:168 Resp: 187954
Ion Ratio Lower Upper
168 100
99 47.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 22.698 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion: 59 Resp: 4269
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

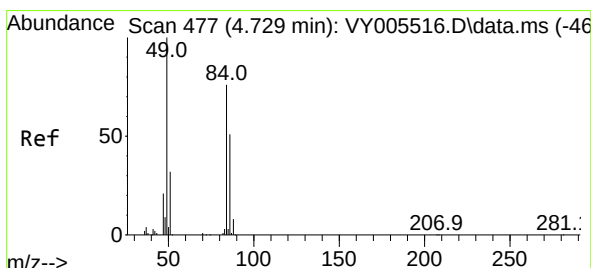
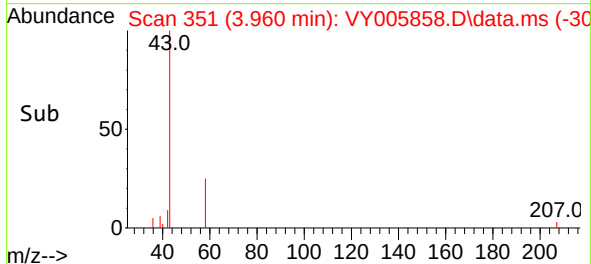
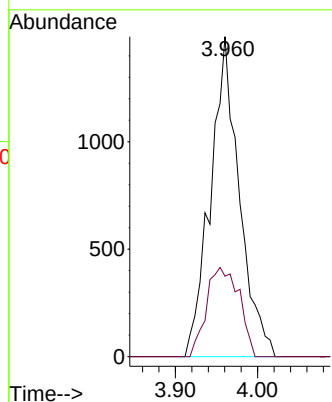
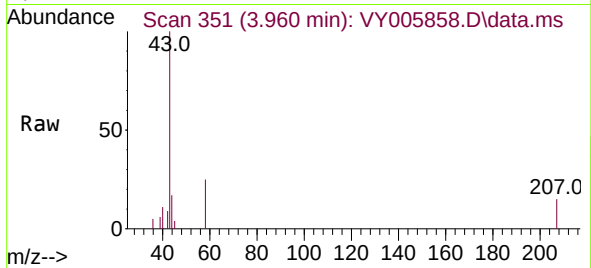




#16
Acetone
Concen: 7.561 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

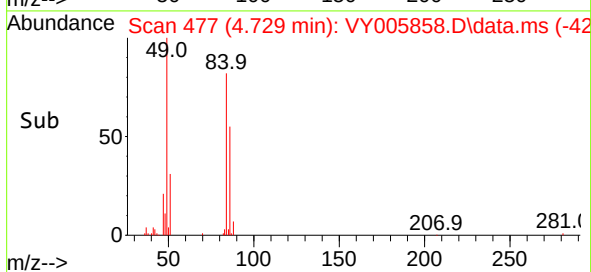
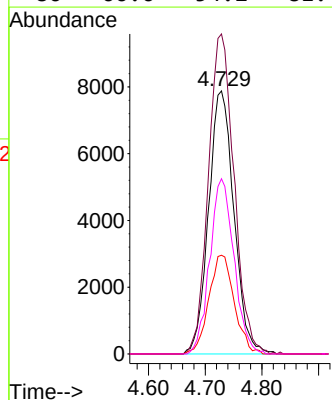
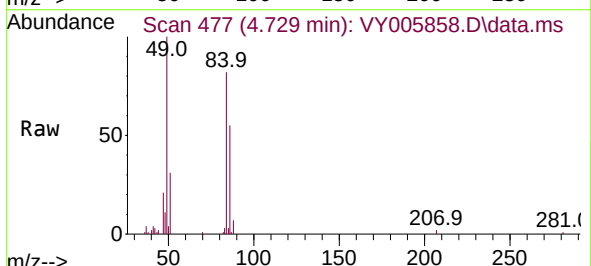
Instrument :
MSVOA_Y
ClientSampled :
PE-1

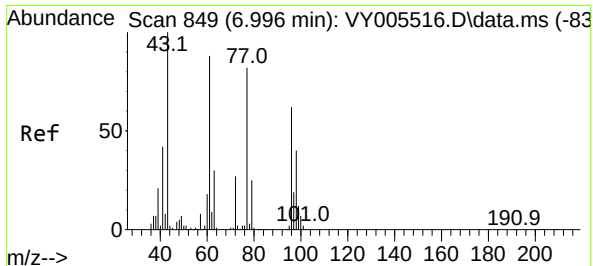
Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
58 25.1 23.8 35.6



#20
Methylene Chloride
Concen: 7.760 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion: 84 Resp: 24495
Ion Ratio Lower Upper
84 100
49 121.7 105.8 158.6
51 37.5 33.4 50.2
86 66.6 54.2 81.4





#25

2-Butanone

Concen: 1.020 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY005858.D

Acq: 26 Aug 2021 14:09

Instrument :

MSVOA_Y

ClientSampleId :

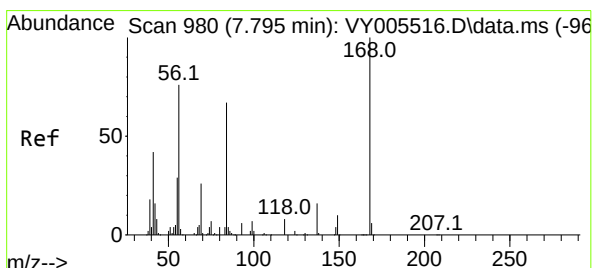
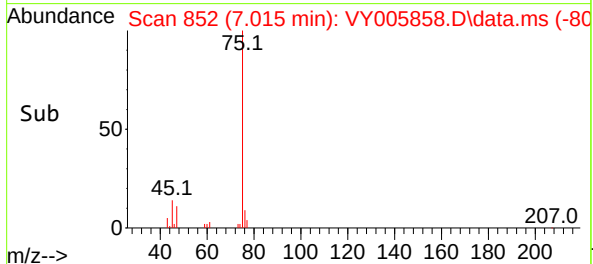
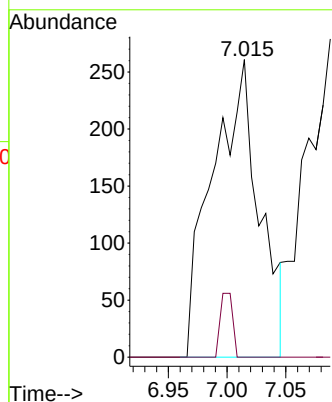
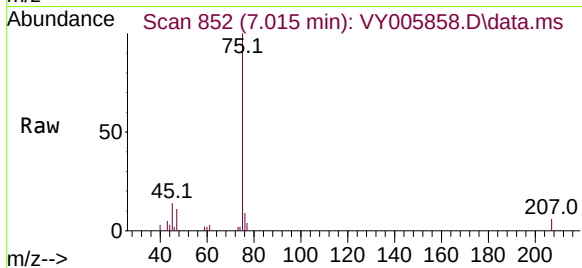
PE-1

Tgt Ion: 43 Resp: 723

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005858.D

Acq: 26 Aug 2021 14:09

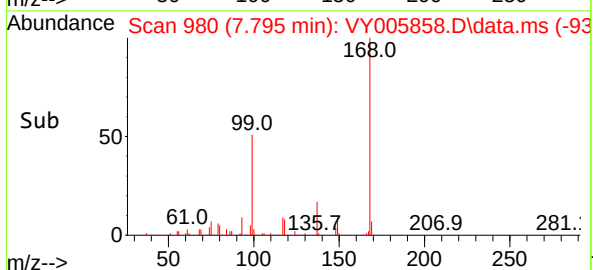
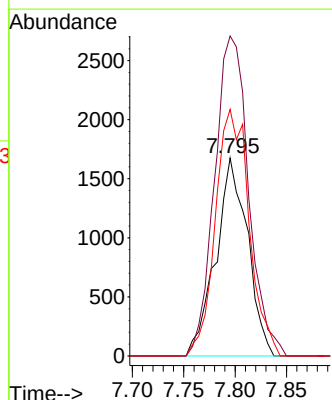
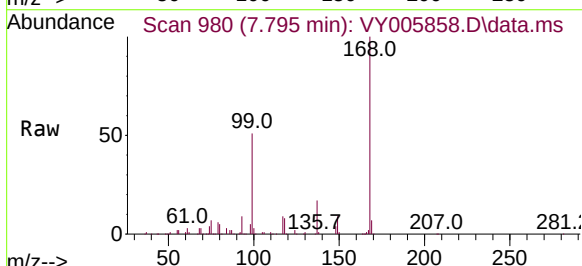
Tgt Ion: 56 Resp: 3599

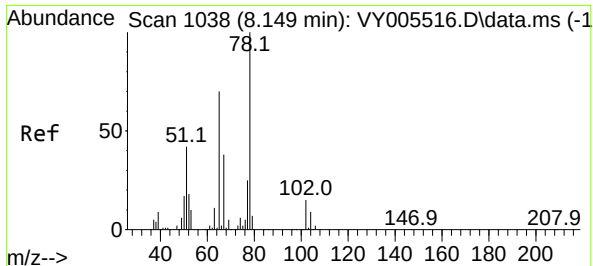
Ion Ratio Lower Upper

56 100

69 161.7 27.7 41.5#

84 124.5 70.9 106.3#

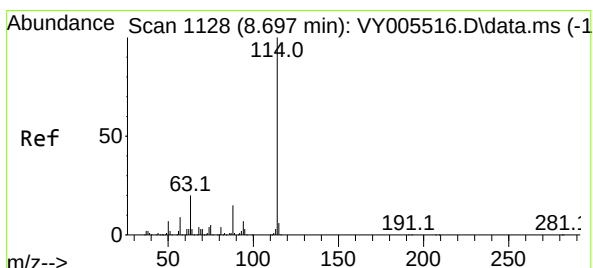
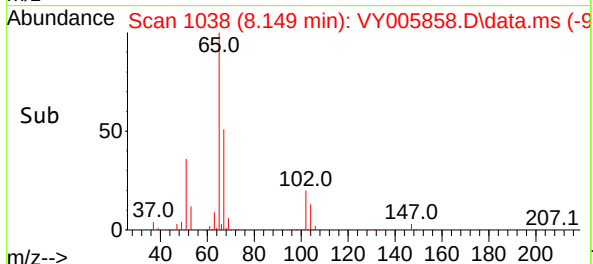
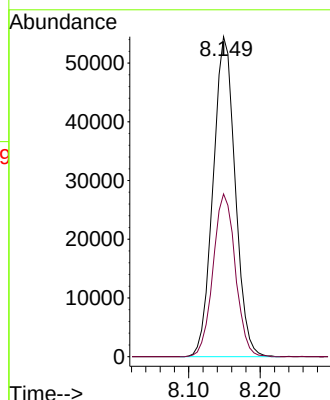
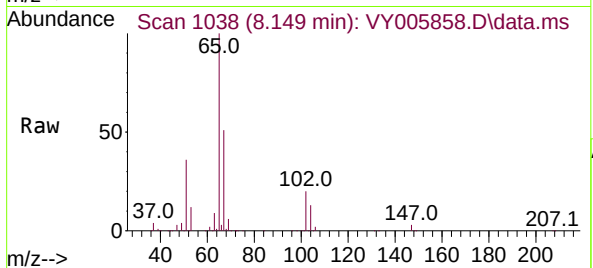




#33
1,2-Dichloroethane-d4
Concen: 61.427 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

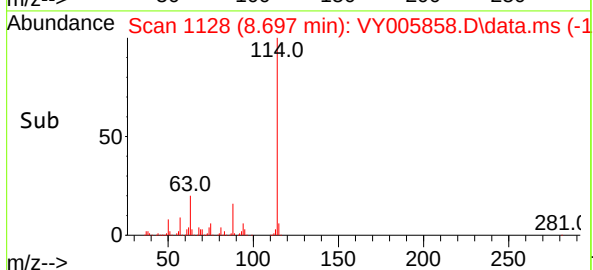
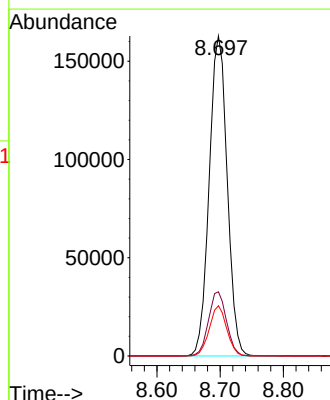
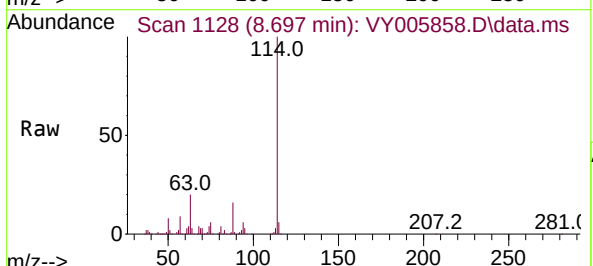
Instrument :
MSVOA_Y
ClientSampled :
PE-1

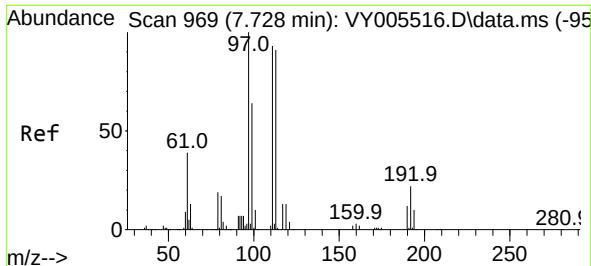
Tgt Ion: 65 Resp: 116868
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion: 114 Resp: 321625
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.7 0.0 30.8

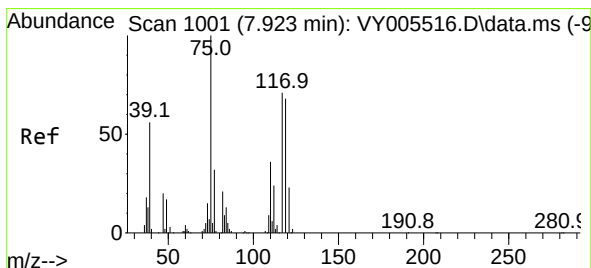
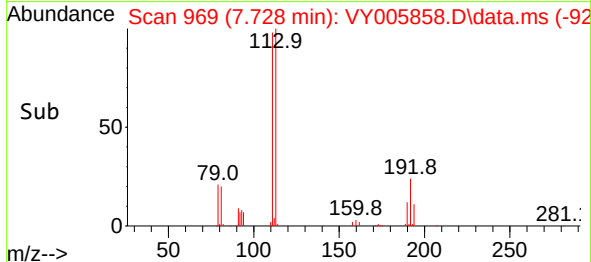
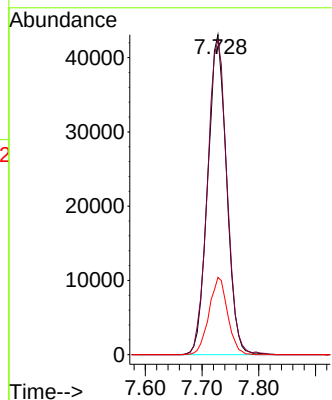
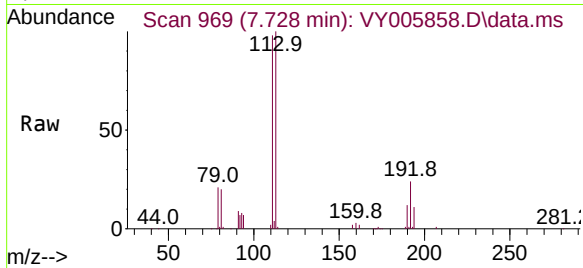




#35
Dibromofluoromethane
Concen: 55.302 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

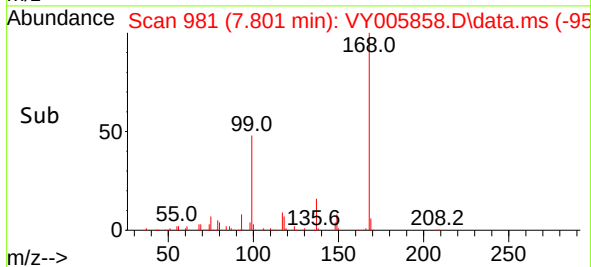
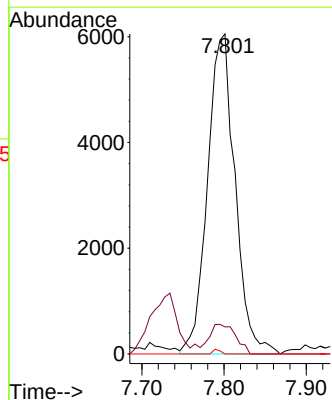
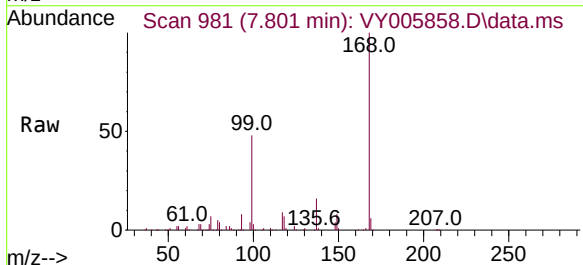
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

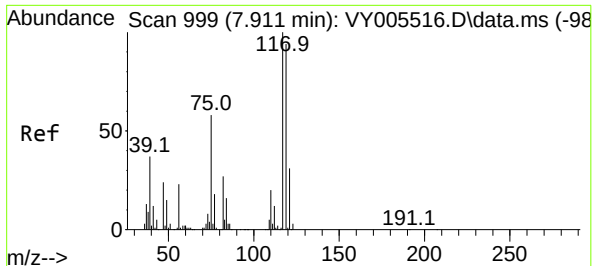
Tgt Ion:113 Resp: 99582
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 23.9 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion: 75 Resp: 14109
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.1#
77 0.4 25.1 37.7#

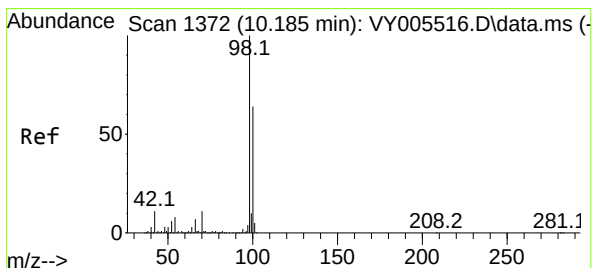
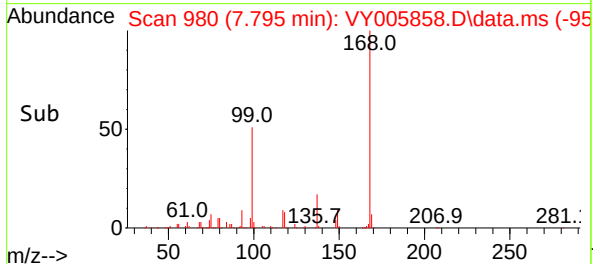
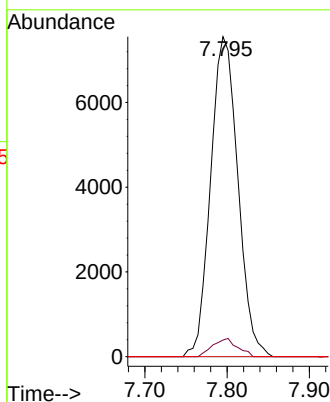
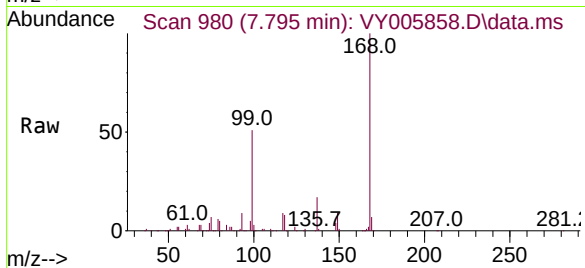




#38
Carbon Tetrachloride
Concen: 5.313 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

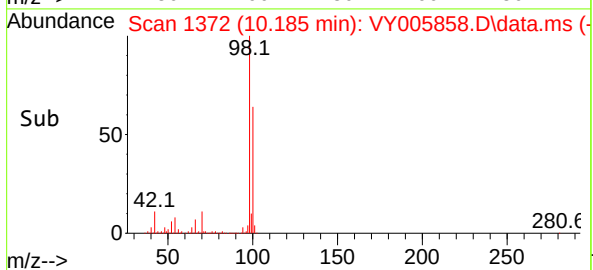
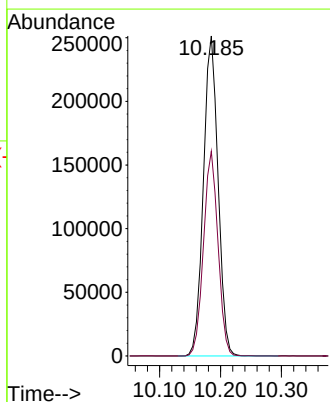
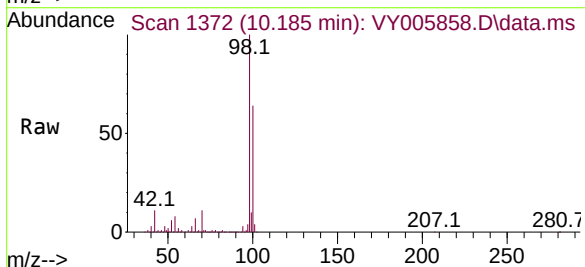
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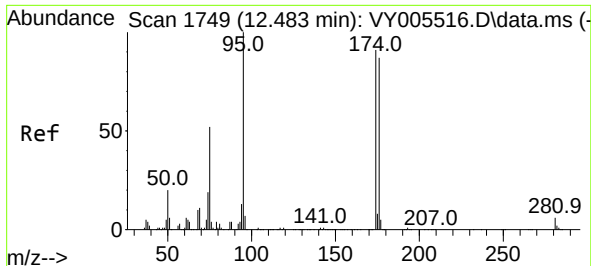
Tgt Ion:117 Resp: 17420
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.803 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion: 98 Resp: 421423
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

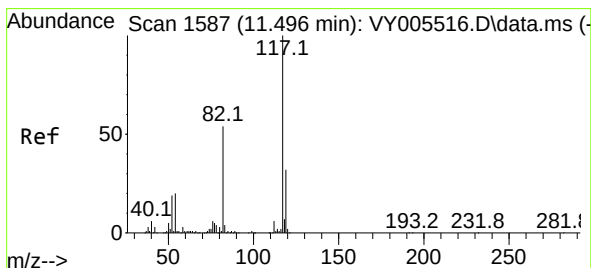
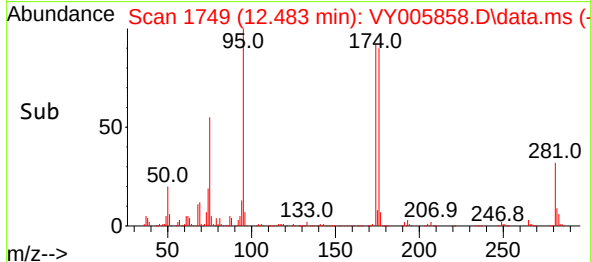
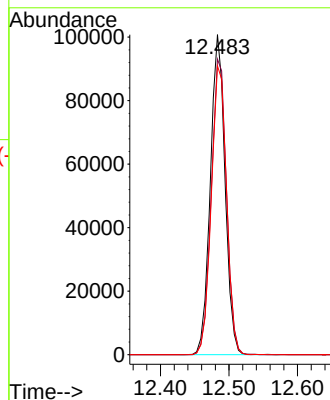
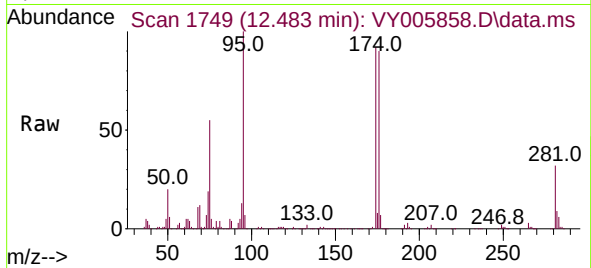




#62
4-Bromofluorobenzene
Concen: 60.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

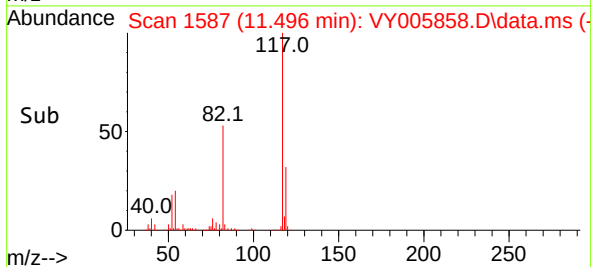
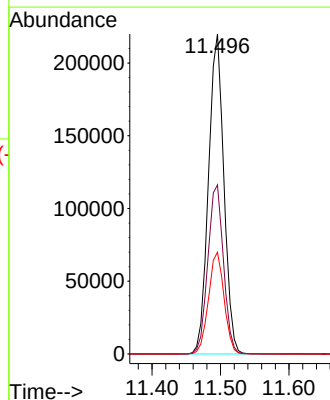
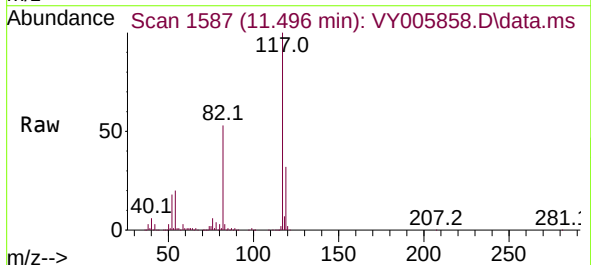
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

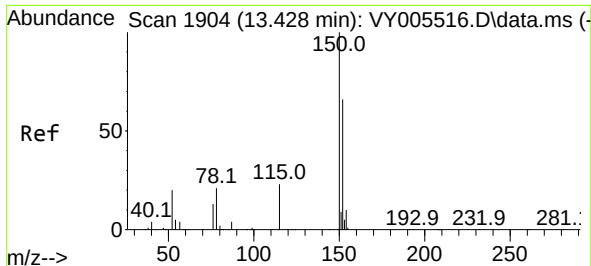
Tgt Ion:	95	Resp:	150687
Ion Ratio	Lower	Upper	
95	100		
174	95.8	0.0	191.4
176	93.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005858.D
Acq: 26 Aug 2021 14:09

Tgt Ion:	117	Resp:	342812
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.5	65.3
119	31.8	25.5	38.3

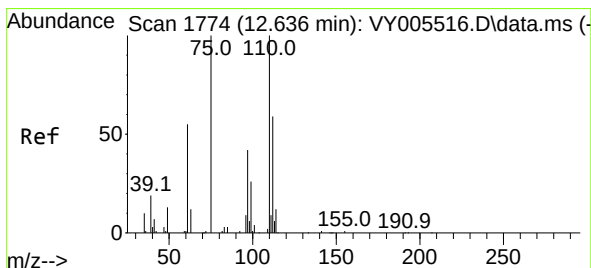
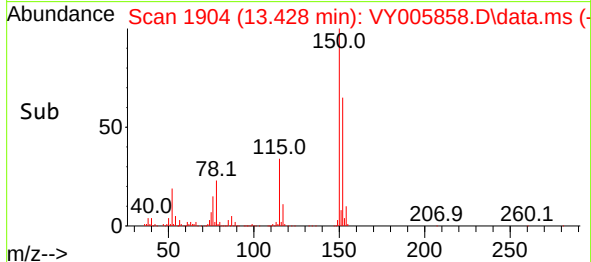
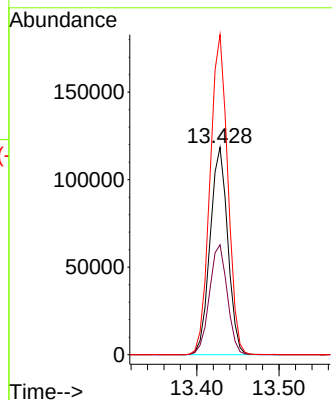
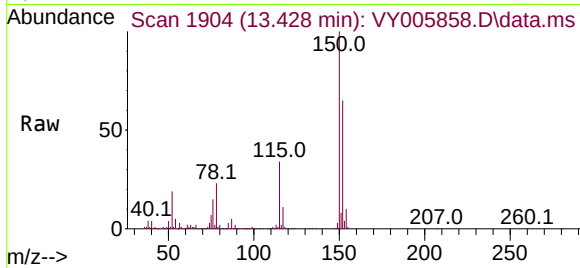




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005858.D
 Acq: 26 Aug 2021 14:09

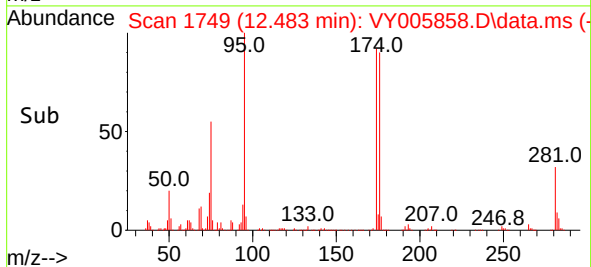
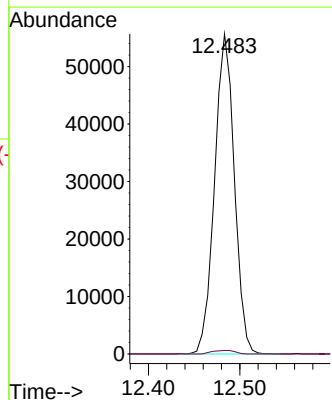
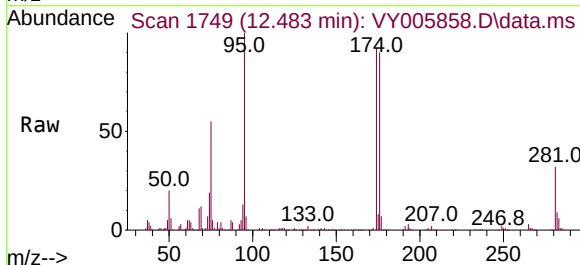
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

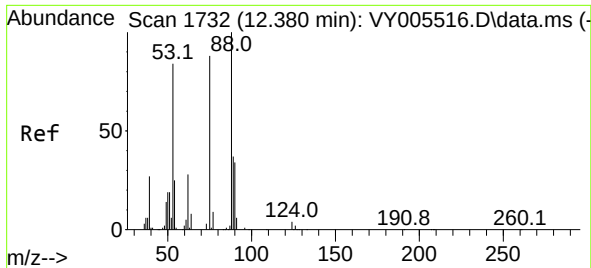
Tgt Ion:152 Resp: 176719
 Ion Ratio Lower Upper
 152 100
 115 53.5 27.3 81.9
 150 155.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.717 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005858.D
 Acq: 26 Aug 2021 14:09

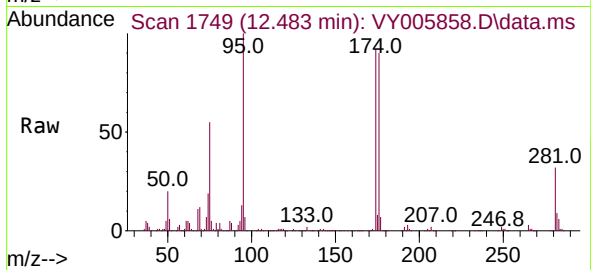
Tgt Ion: 75 Resp: 83723
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.160 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005858.D
 Acq: 26 Aug 2021 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1



Tgt Ion: 75 Resp: 83723
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.4 38.4 57.6#

