

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005859.D
 Acq On : 26 Aug 2021 14:32
 Operator : SY/MD
 Sample : M3547-02
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1D

Quant Time: Aug 27 03:25:53 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)

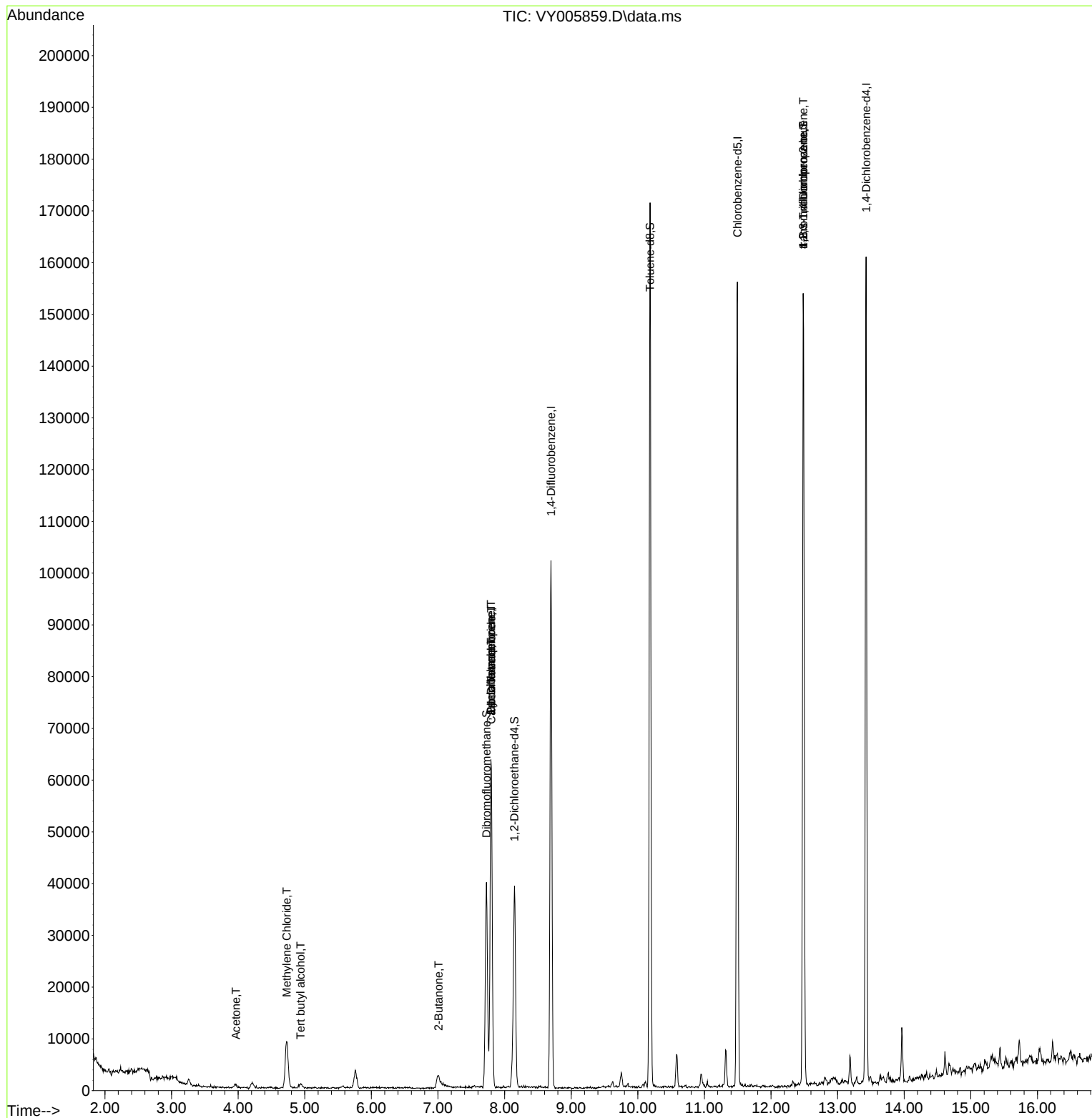
Internal Standards						
1) Pentafluorobenzene	7.795	168	51961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	85719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30356	57.714	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 115.420%		
35) Dibromofluoromethane	7.728	113	26494	55.519	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.040%		
50) Toluene-d8	10.185	98	108438	54.182	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.360%		
62) 4-Bromofluorobenzene	12.483	95	35622	53.749	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1045	20.098	ug/l #	73
16) Acetone	3.966	43	1368	10.316	ug/l #	89
20) Methylene Chloride	4.728	84	7043	8.347	ug/l	97
25) 2-Butanone	7.008	43	199	1.015	ug/l #	48
31) Cyclohexane	7.795	56	987	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3827	4.787	ug/l #	48
38) Carbon Tetrachloride	7.801	117	4464	5.138	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	19357	45.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19357	92.147	ug/l #	11

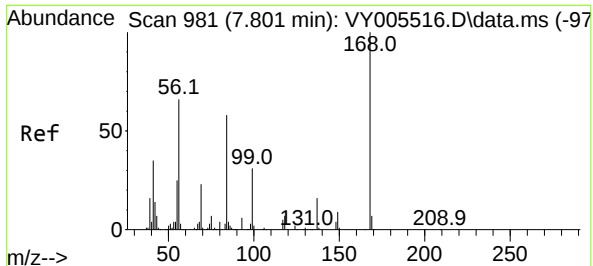
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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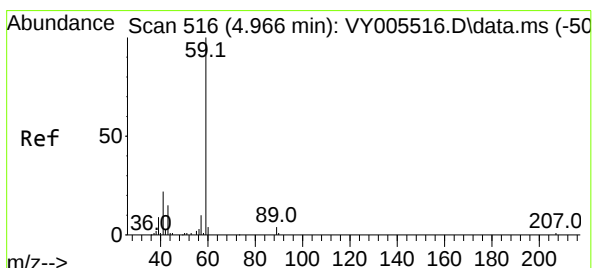
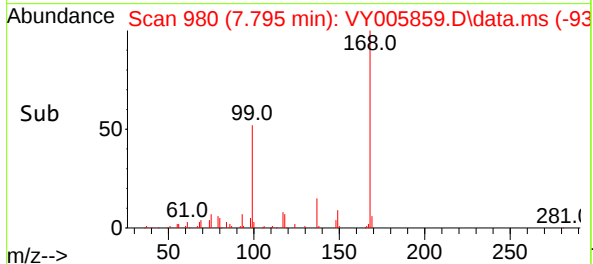
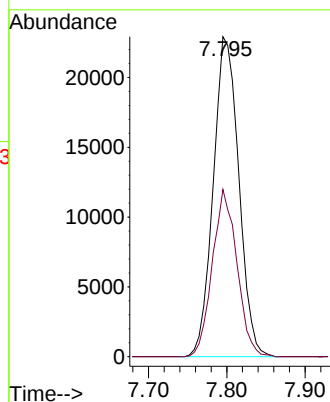
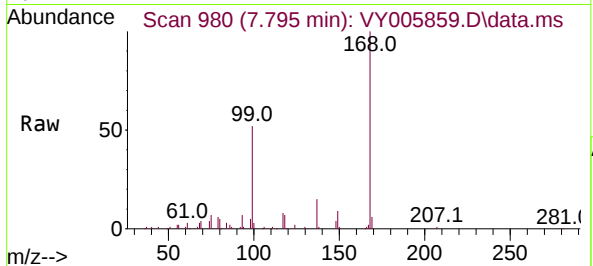




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

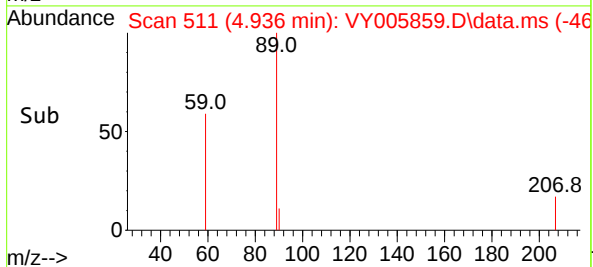
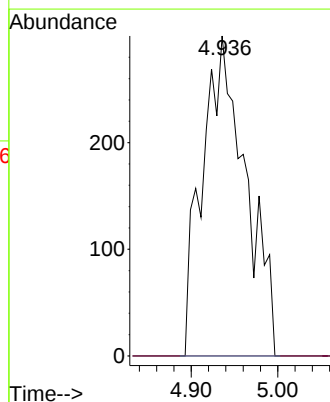
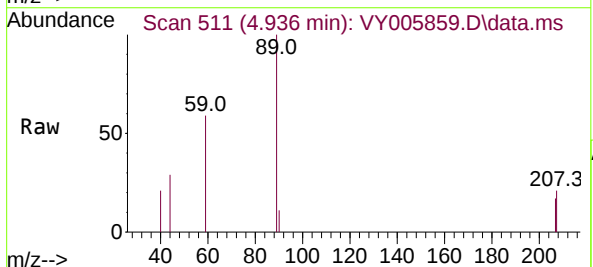
Instrument :
MSVOA_Y
ClientSampleId :
PE-1D

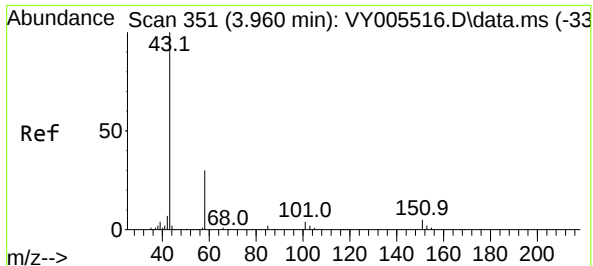
Tgt Ion:168 Resp: 51961
Ion Ratio Lower Upper
168 100
99 52.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 20.098 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

Tgt Ion: 59 Resp: 1045
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

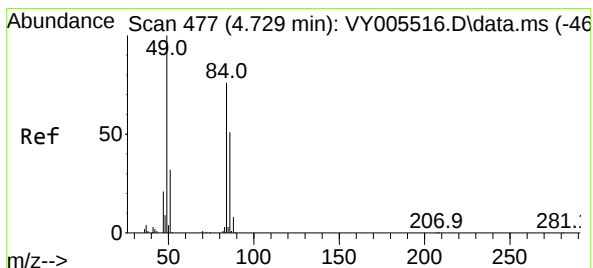
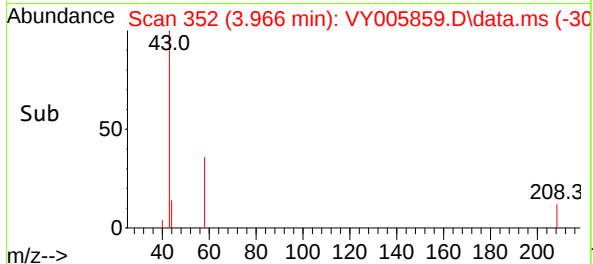
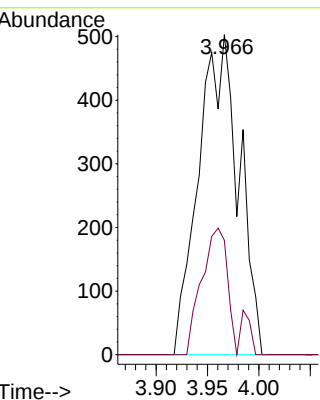
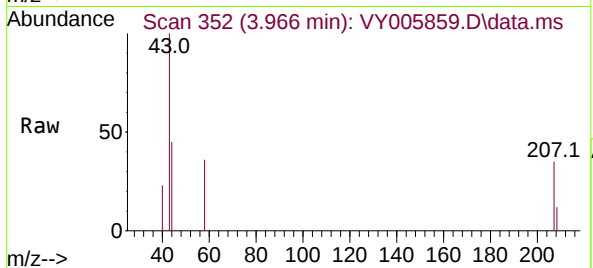




#16
Acetone
Concen: 10.316 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

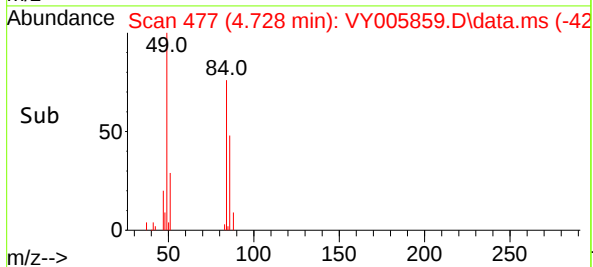
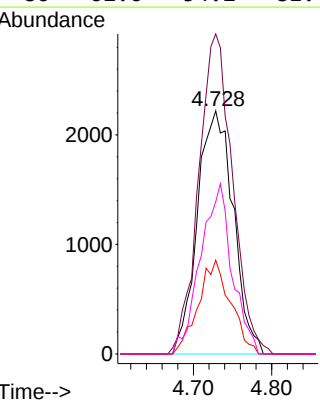
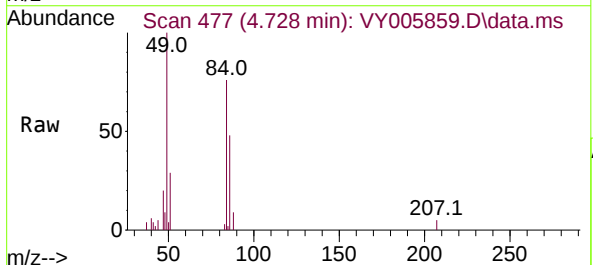
Instrument :
MSVOA_Y
ClientSampleId :
PE-1D

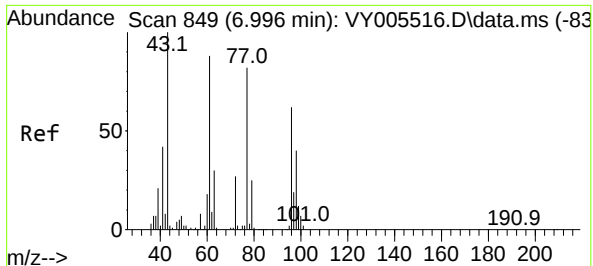
Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 35.8 23.8 35.6#



#20
Methylene Chloride
Concen: 8.347 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

Tgt Ion: 84 Resp: 7043
Ion Ratio Lower Upper
84 100
49 131.7 105.8 158.6
51 38.6 33.4 50.2
86 62.6 54.2 81.4





#25

2-Butanone

Concen: 1.015 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY005859.D

Acq: 26 Aug 2021 14:32

Instrument :

MSVOA_Y

ClientSampleId :

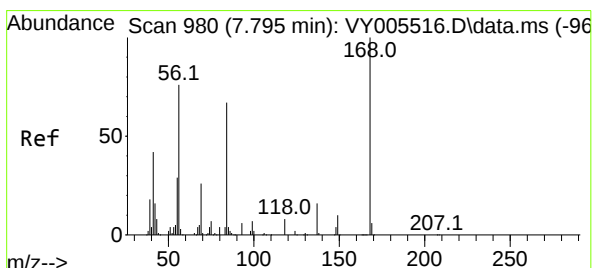
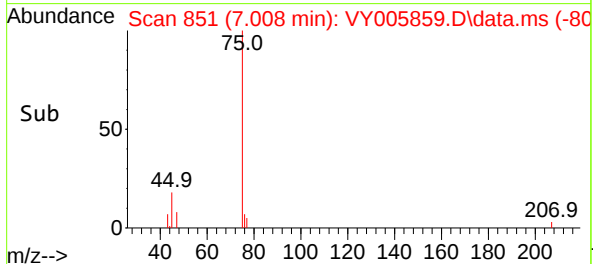
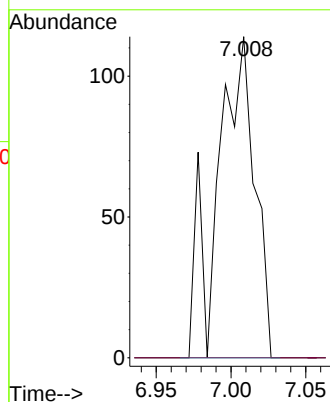
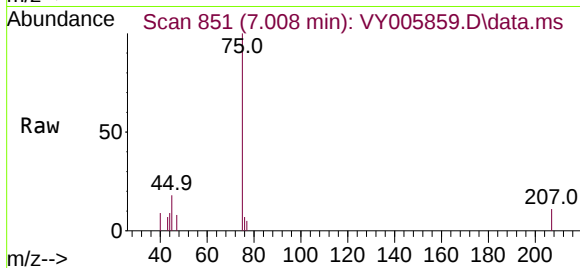
PE-1D

Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.094 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005859.D

Acq: 26 Aug 2021 14:32

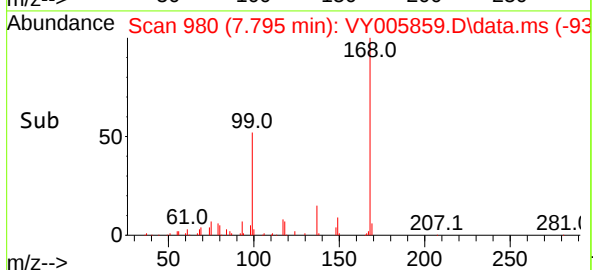
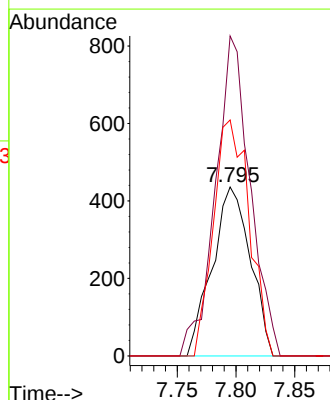
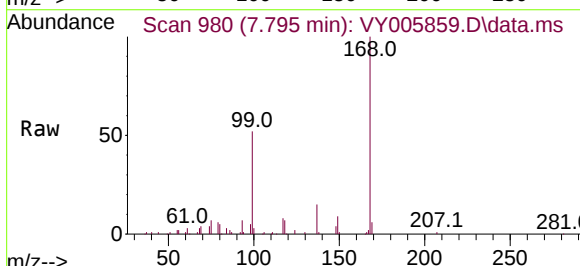
Tgt Ion: 56 Resp: 987

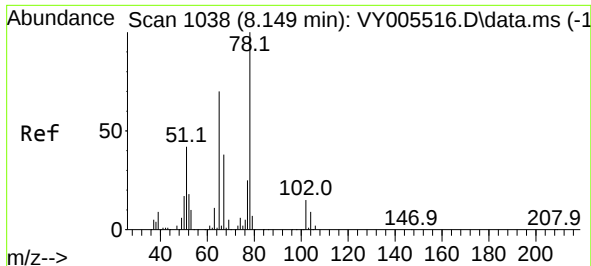
Ion Ratio Lower Upper

56 100

69 189.4 27.7 41.5#

84 139.7 70.9 106.3#

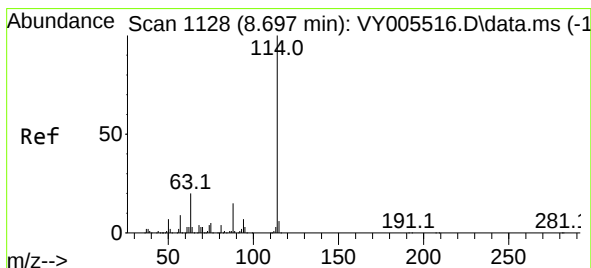
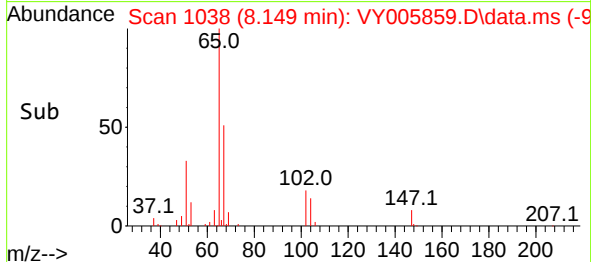
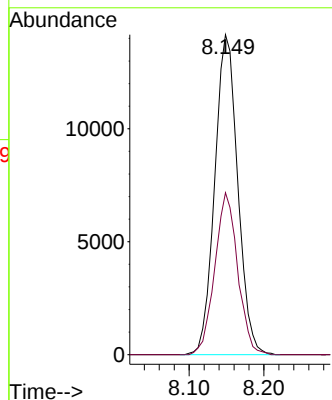
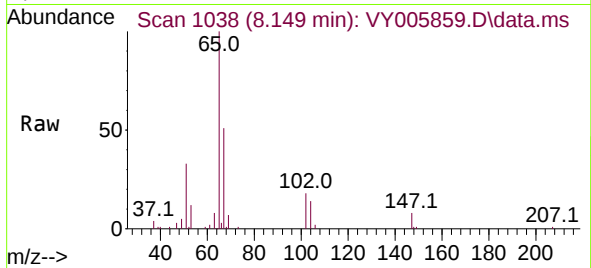




#33
 1,2-Dichloroethane-d4
 Concen: 57.714 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005859.D
 Acq: 26 Aug 2021 14:32

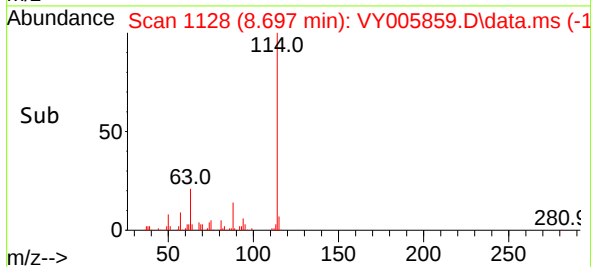
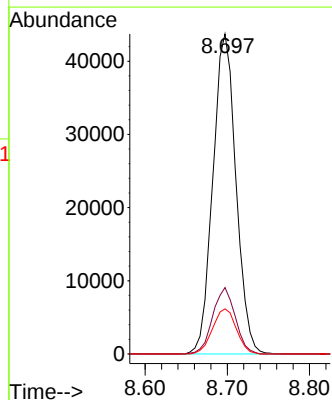
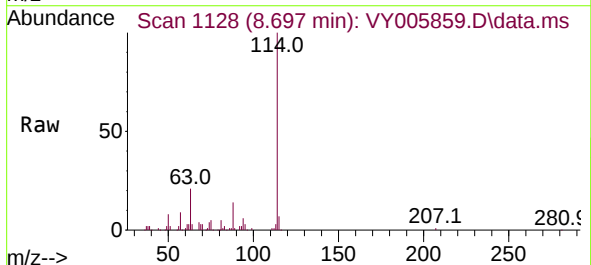
Instrument :
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 ClientSampleId :
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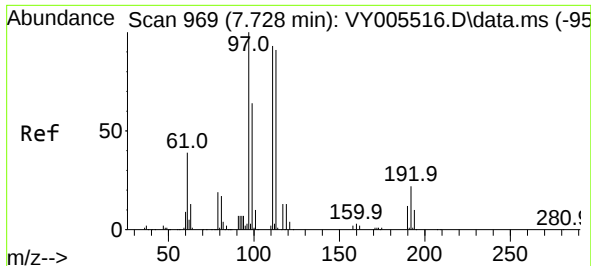
Tgt Ion: 65 Resp: 30356
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005859.D
 Acq: 26 Aug 2021 14:32

Tgt Ion: 114 Resp: 85234
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 14.1 0.0 30.8

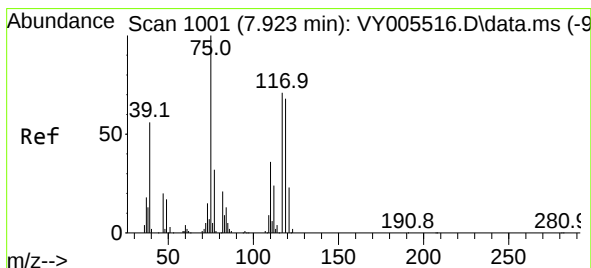
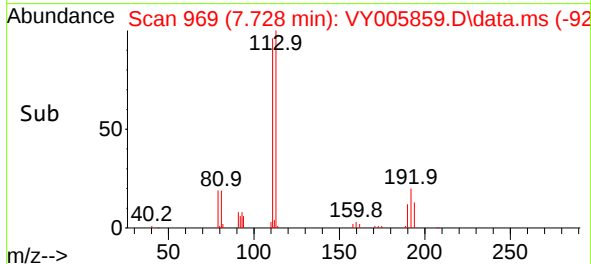
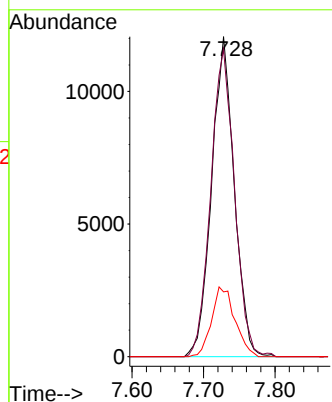
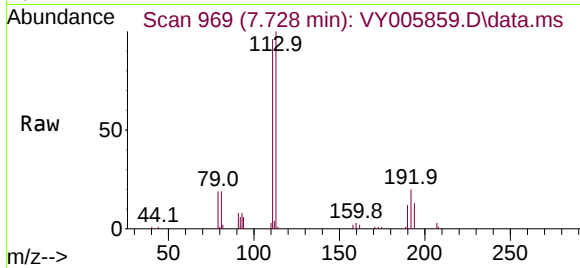




#35
Dibromofluoromethane
Concen: 55.519 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

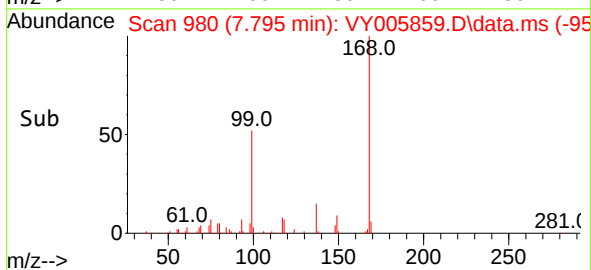
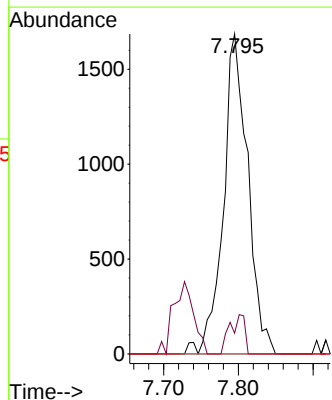
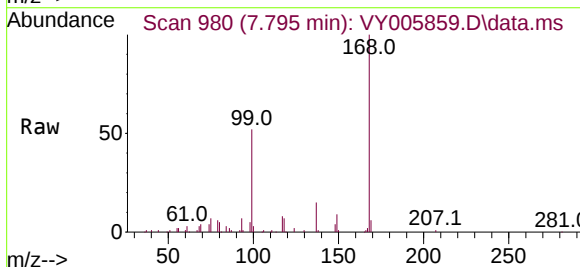
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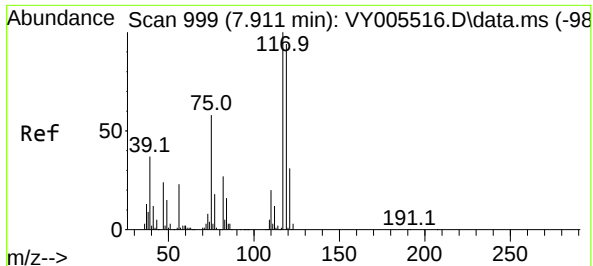
Tgt Ion:	113	Resp:	26494
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	22.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

Tgt Ion:	75	Resp:	3827
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.1#
77	0.0	25.1	37.7#

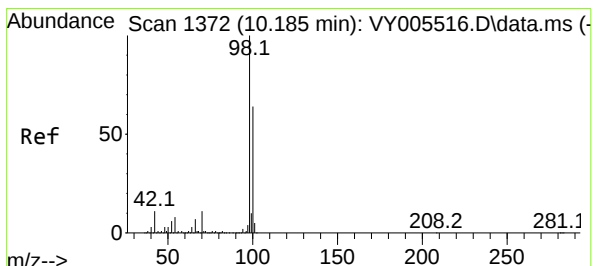
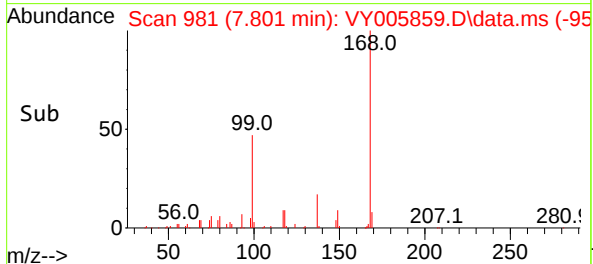
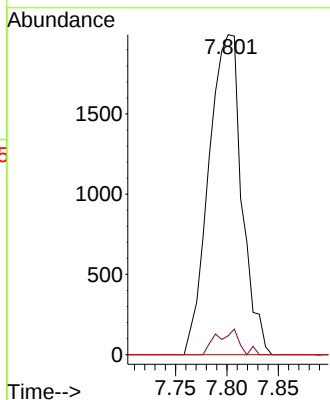
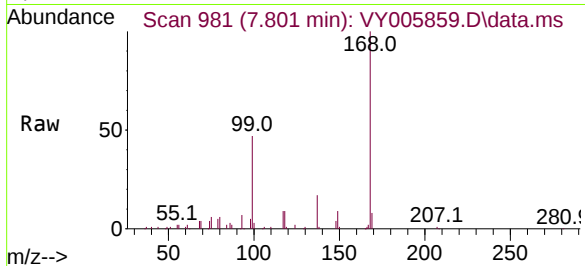




#38
Carbon Tetrachloride
Concen: 5.138 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

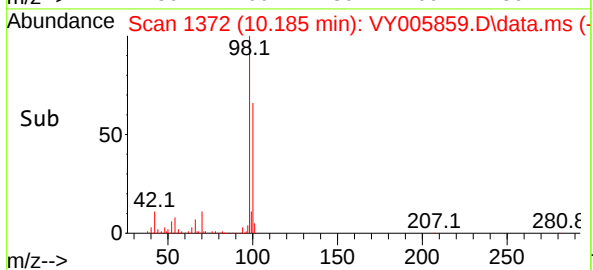
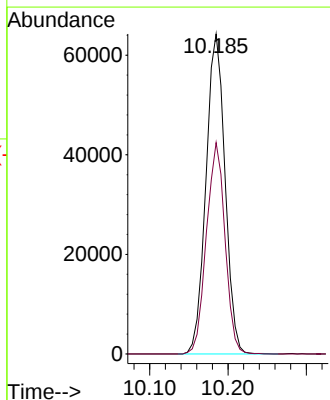
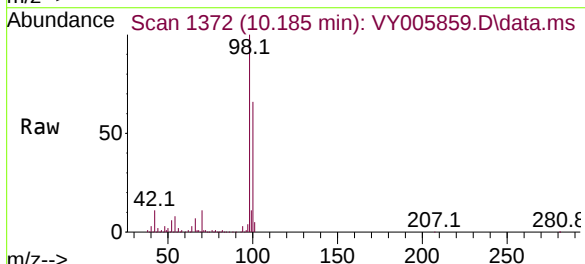
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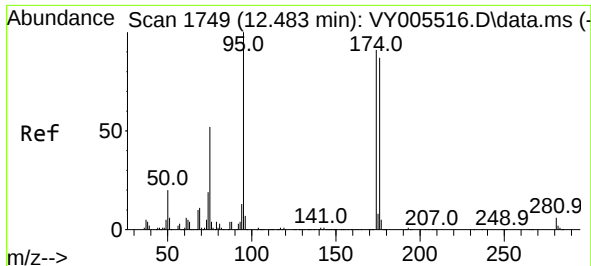
Tgt Ion:117 Resp: 4464
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.182 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

Tgt Ion: 98 Resp: 108438
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9

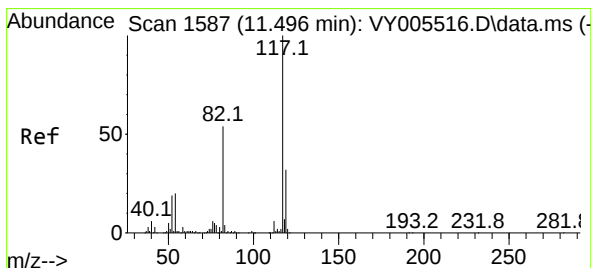
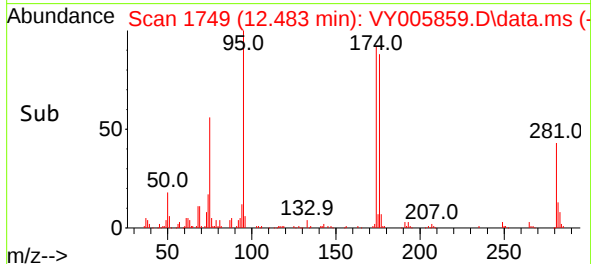
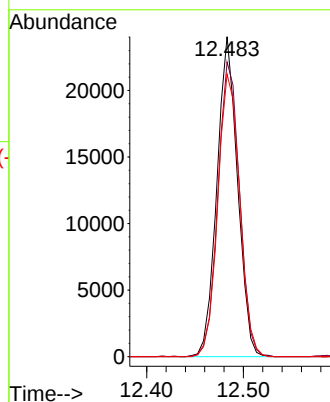
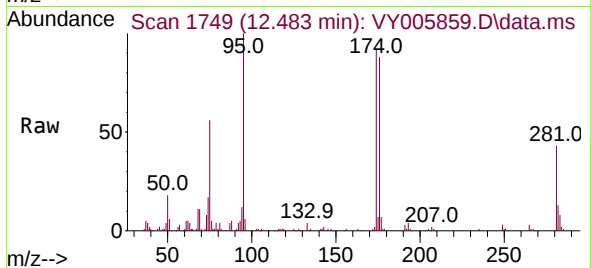




#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

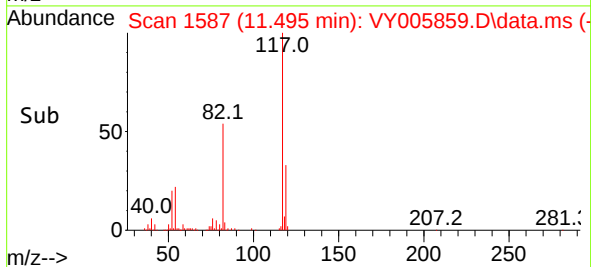
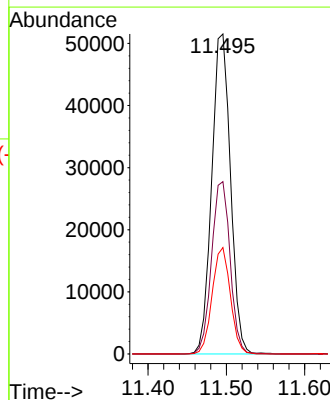
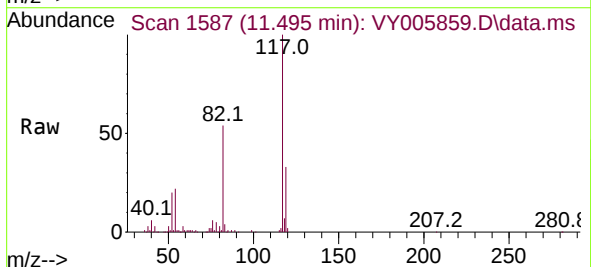
Instrument :
MSVOA_Y
ClientSampleId :
PE-1D

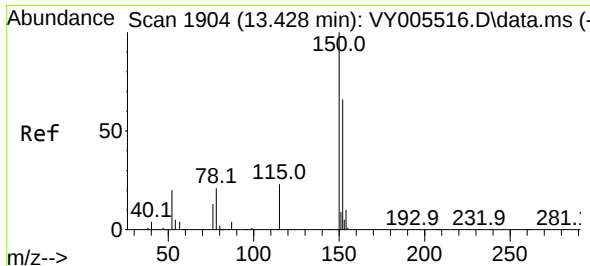
Tgt Ion: 95 Resp: 35622
Ion Ratio Lower Upper
95 100
174 96.5 0.0 191.4
176 93.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005859.D
Acq: 26 Aug 2021 14:32

Tgt Ion: 117 Resp: 85719
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 33.2 25.5 38.3

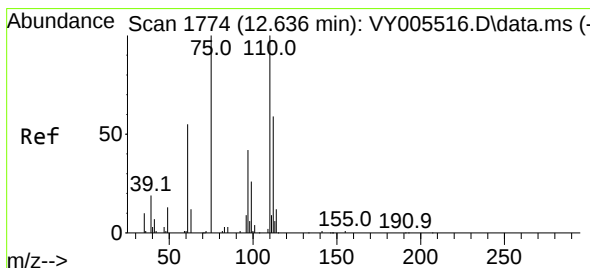
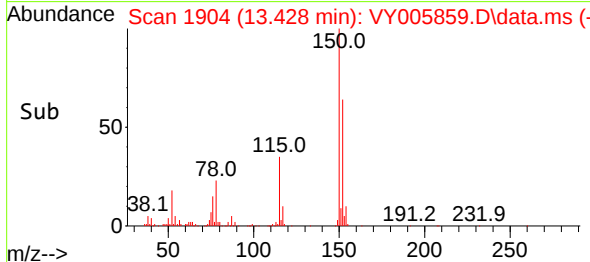
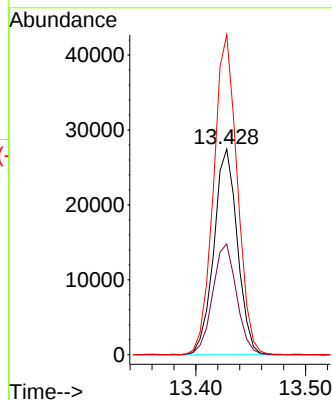
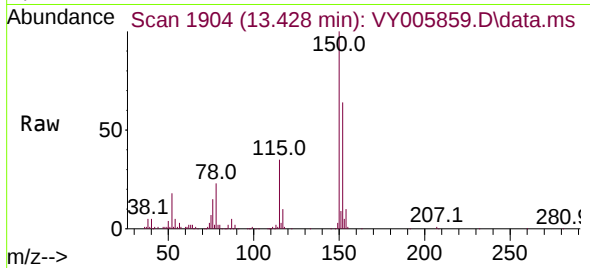




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005859.D
 Acq: 26 Aug 2021 14:32

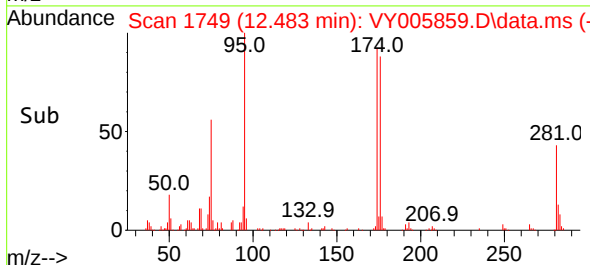
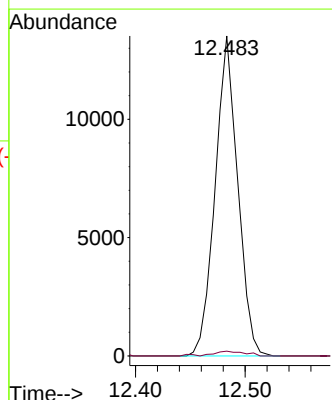
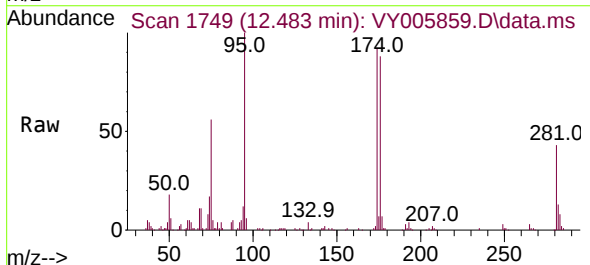
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1D

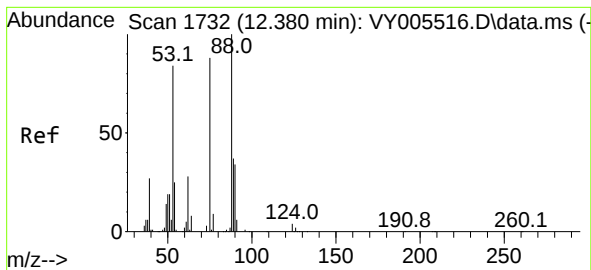
Tgt Ion:152 Resp: 40864
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 156.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.711 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005859.D
 Acq: 26 Aug 2021 14:32

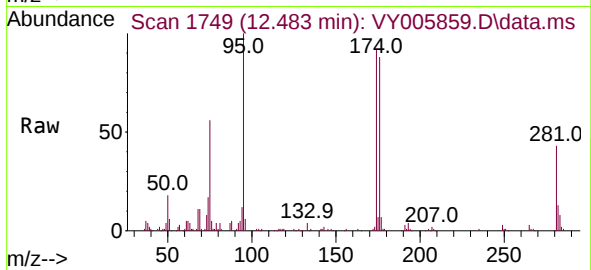
Tgt Ion: 75 Resp: 19357
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.147 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005859.D
 Acq: 26 Aug 2021 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1D



Tgt Ion: 75 Resp: 19357
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.3 38.4 57.6#

