

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004497.D
 Acq On : 19 Apr 2021 14:52
 Operator : SY/MD
 Sample : M2075-07
 Misc : 6.5G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S

Quant Time: Apr 20 01:48:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

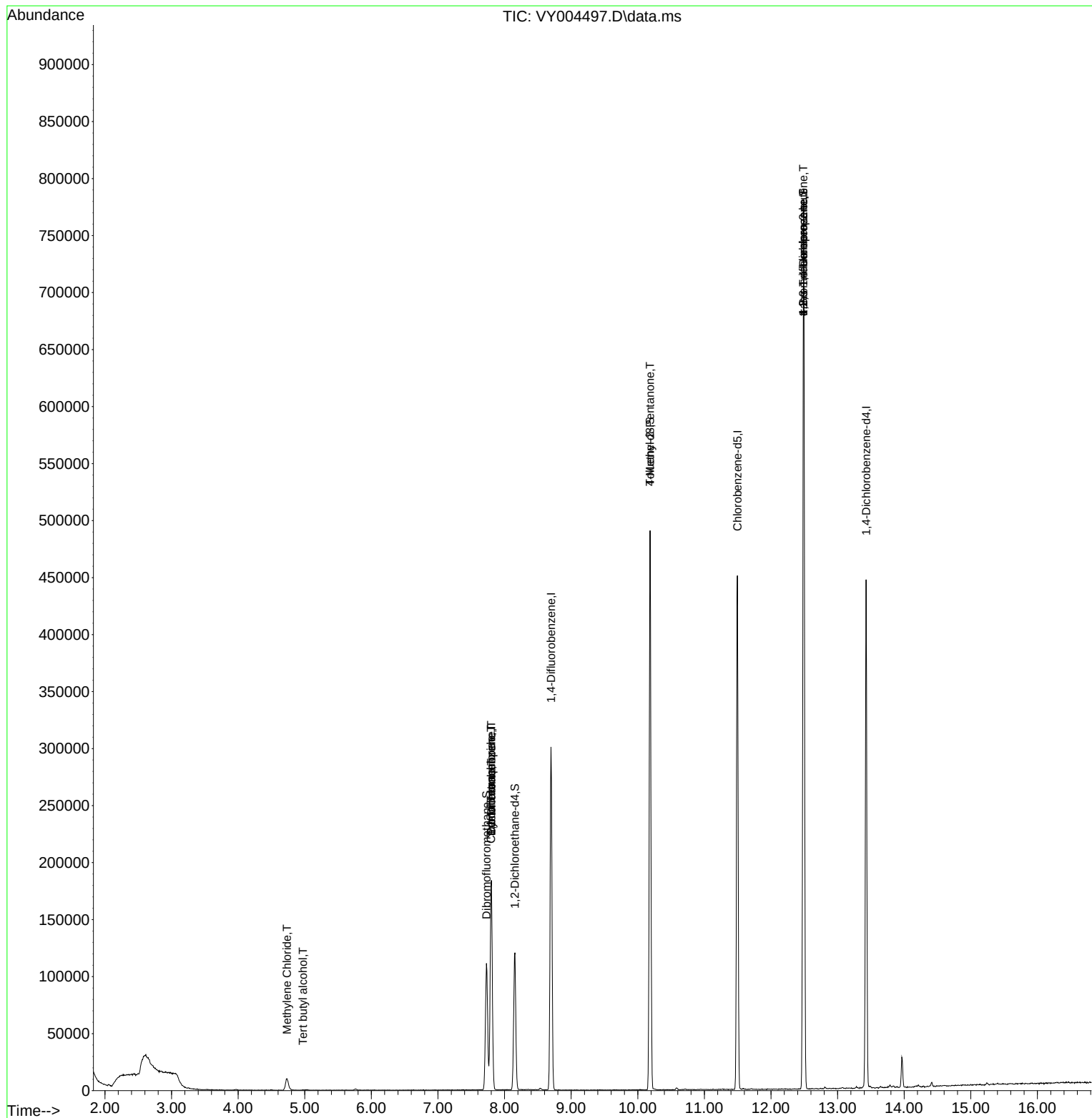
Internal Standards						
1) Pentafluorobenzene	7.801	168	140924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	92364	58.99	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.98%			
35) Dibromofluoromethane	7.728	113	76356	55.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.12%			
50) Toluene-d8	10.185	98	305975	52.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.68%			
62) 4-Bromofluorobenzene	12.483	95	105965	53.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.84%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.973	59	361	2.34	ug/l #	73
16) Acetone	3.960	43	862	Below Cal	#	85
20) Methylene Chloride	4.735	84	7135	4.72	ug/l	93
31) Cyclohexane	7.801	56	3314	1.15	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	11440	4.65	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14492	6.81	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1654	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	62425	54.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62425	98.35	ug/l #	13

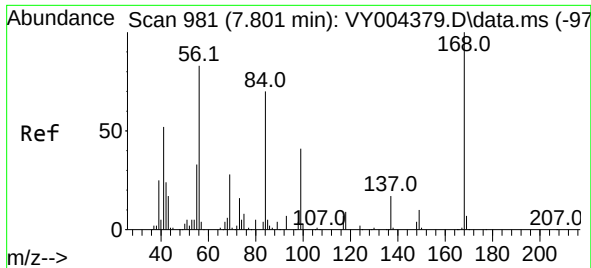
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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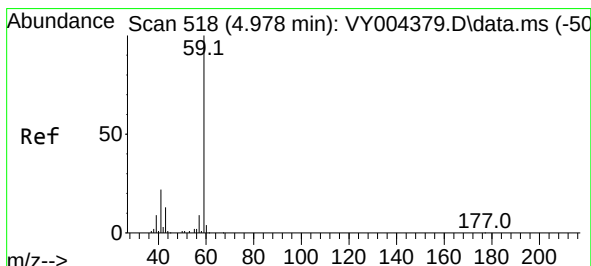
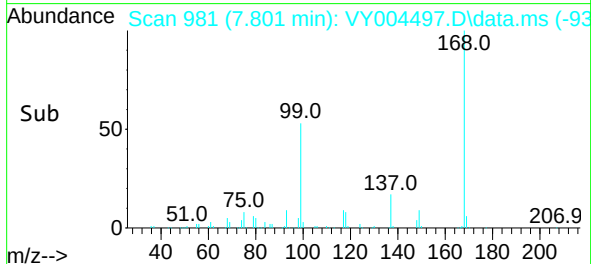
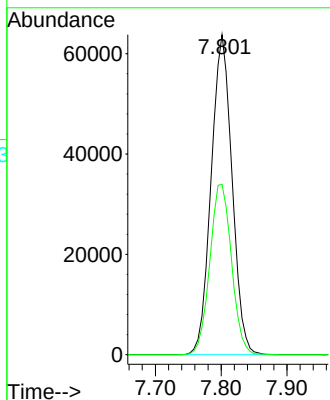
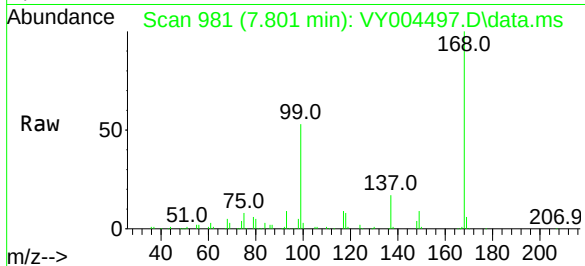




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

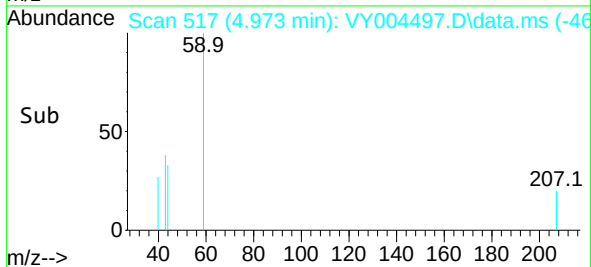
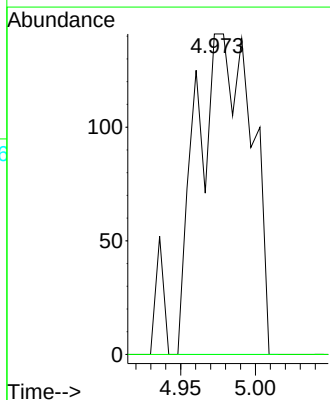
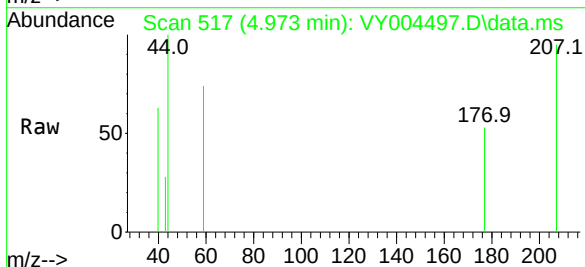
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S

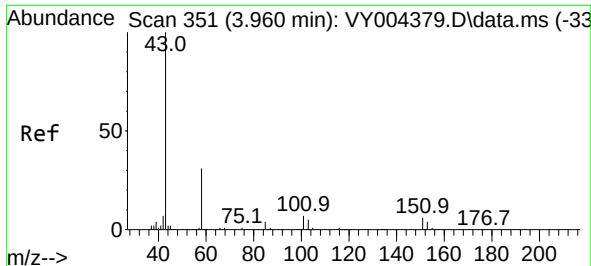
Tgt Ion:168 Resp: 140924
Ion Ratio Lower Upper
168 100
99 53.2 45.5 68.3



#11
Tert butyl alcohol
Concen: 2.34 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

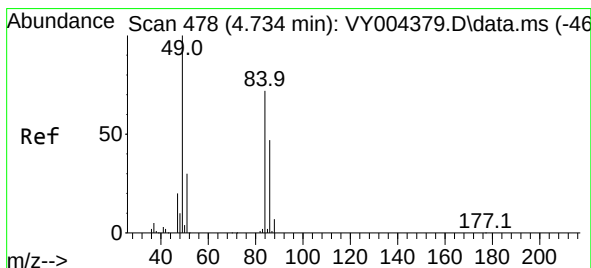
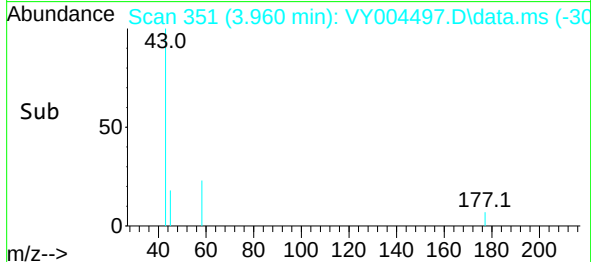
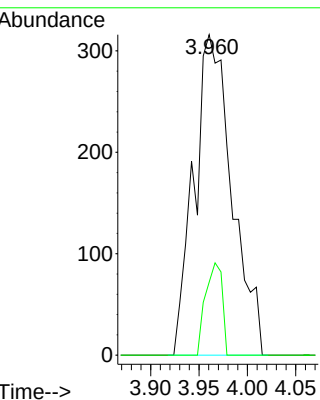
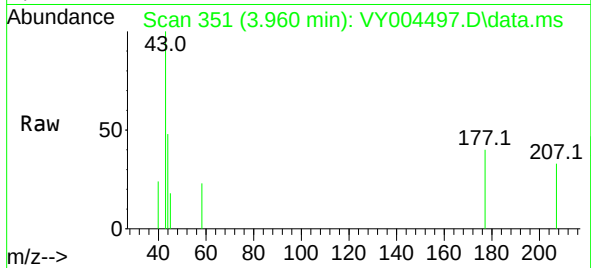




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

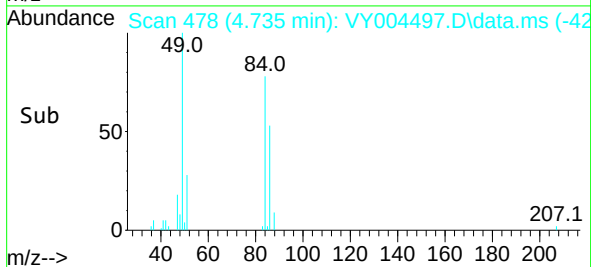
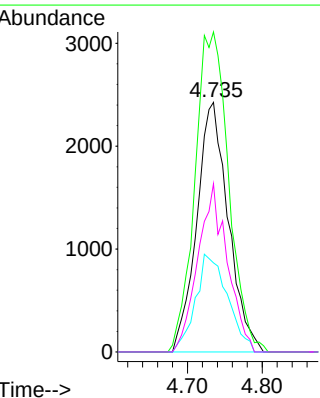
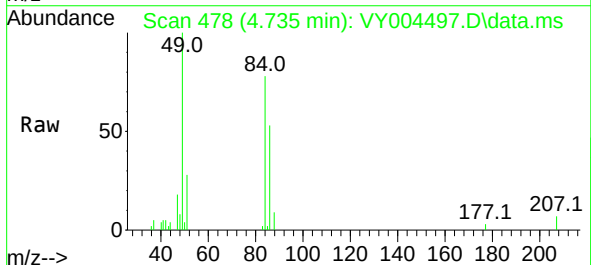
Instrument :
MSVOA_Y
ClientSampled :
TP-2-S

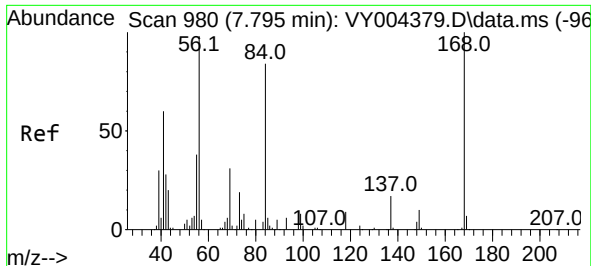
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 22.8 24.6 37.0#



#20
Methylene Chloride
Concen: 4.72 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

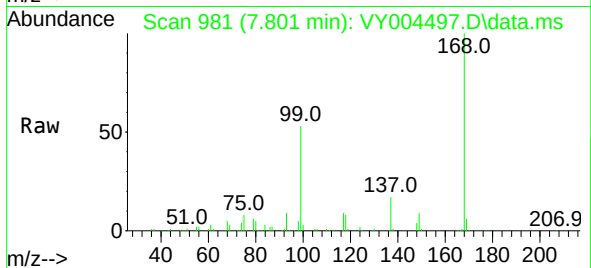
Tgt Ion: 84 Resp: 7135
Ion Ratio Lower Upper
84 100
49 128.2 111.2 166.8
51 35.7 33.4 50.2
86 67.4 52.7 79.1



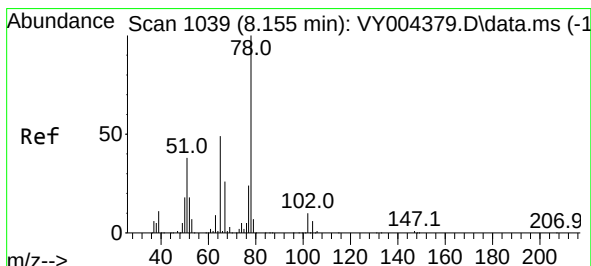
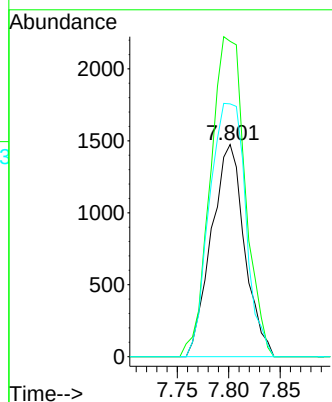
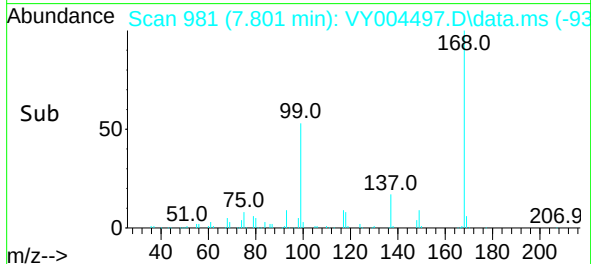


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

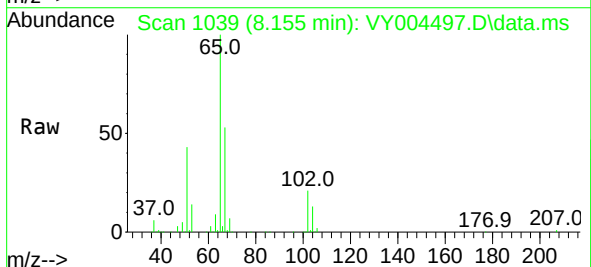
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S



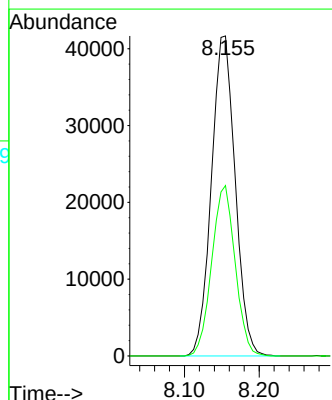
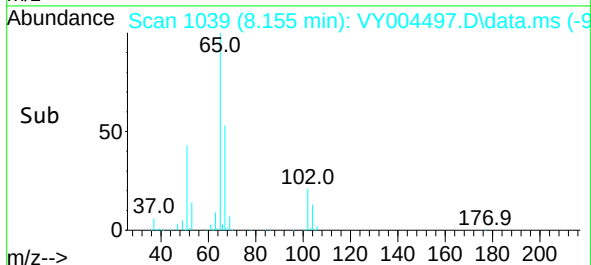
Tgt Ion: 56 Resp: 3314
Ion Ratio Lower Upper
56 100
69 148.6 25.8 38.6#
84 119.1 68.2 102.4#

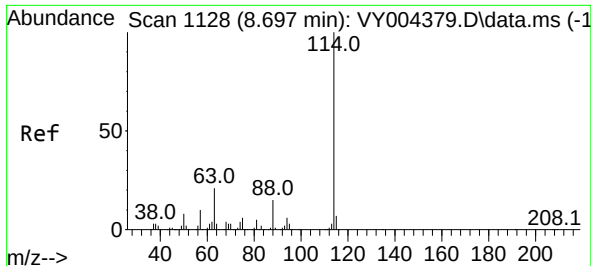


#33
1,2-Dichloroethane-d4
Concen: 58.99 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52



Tgt Ion: 65 Resp: 92364
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4

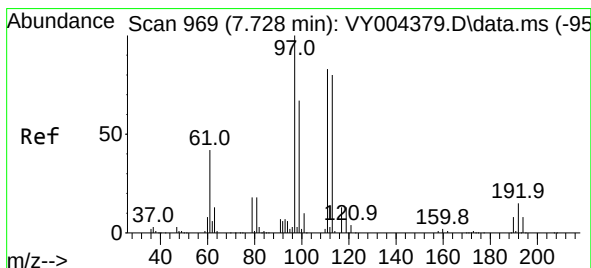
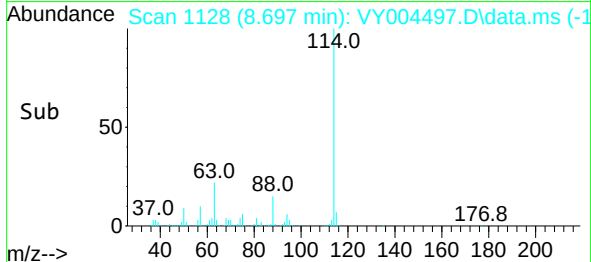
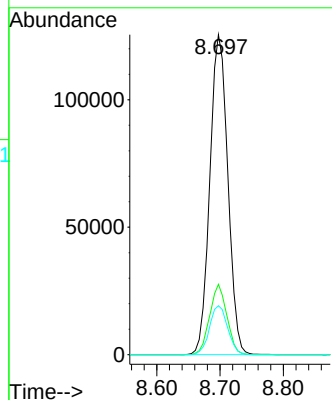
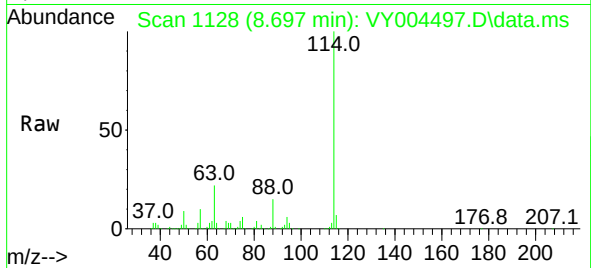




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

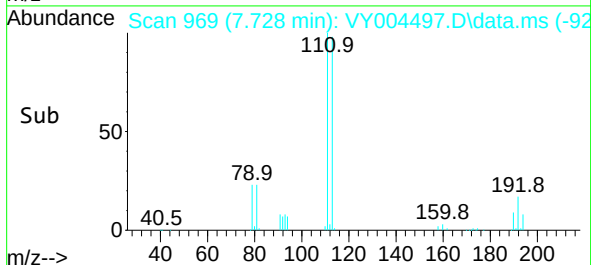
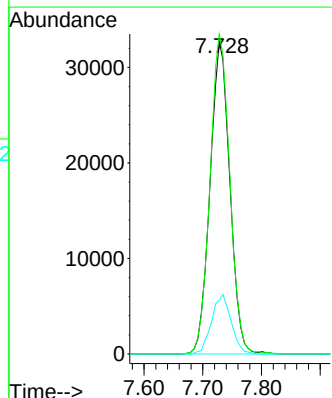
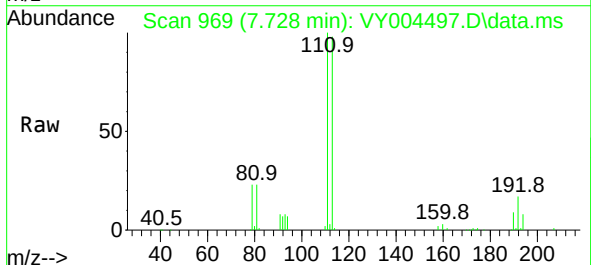
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ClientSampleId :
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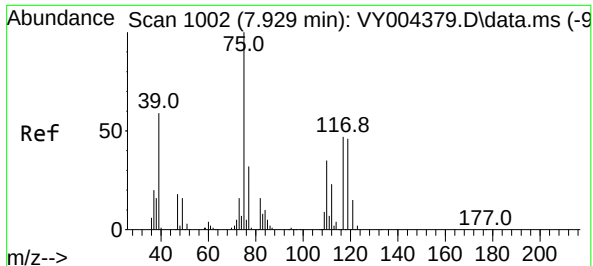
Tgt Ion:	114	Resp:	247629
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.4
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.56 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

Tgt Ion:	113	Resp:	76356
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	18.9	16.1	24.1

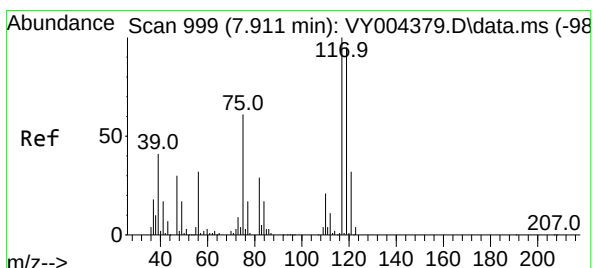
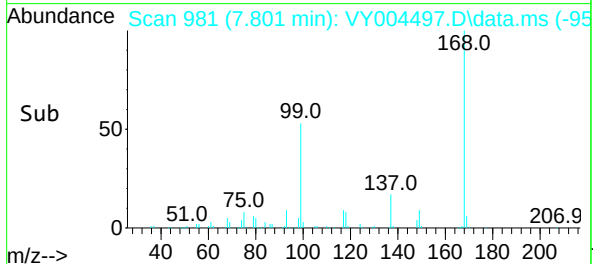
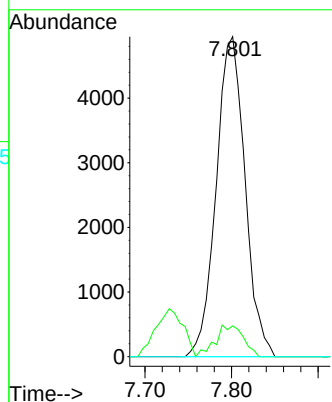
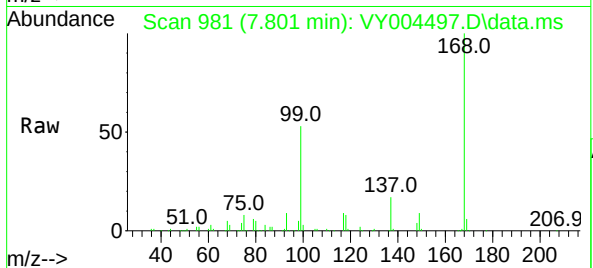




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

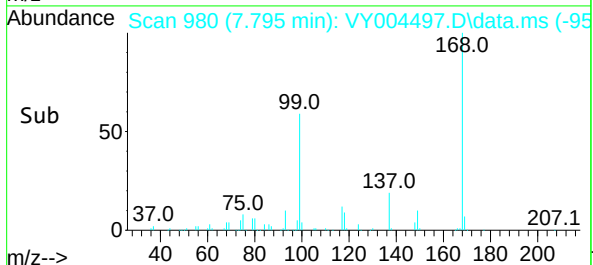
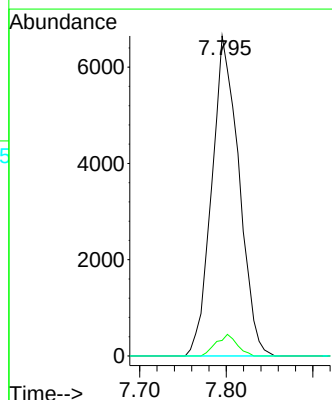
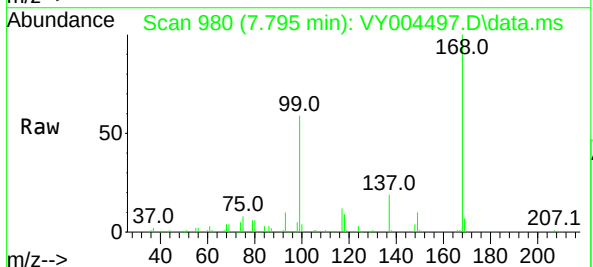
Instrument :
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ClientSampleId :
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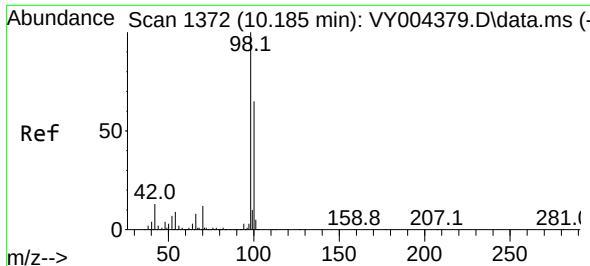
Tgt Ion: 75 Resp: 11440
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.115 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

Tgt Ion: 117 Resp: 14492
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#

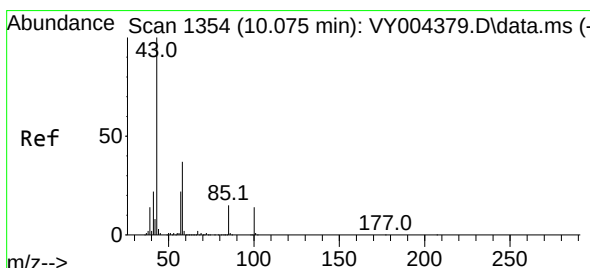
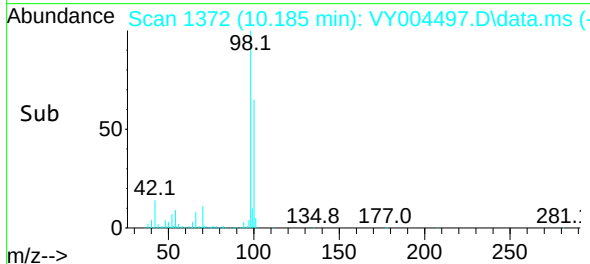
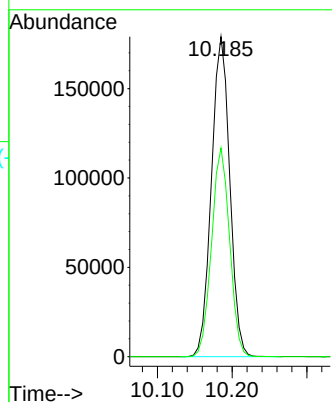
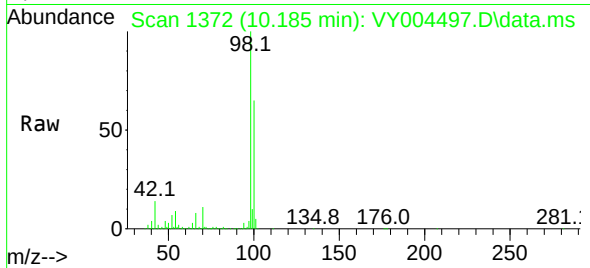




#50
Toluene-d8
Concen: 52.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

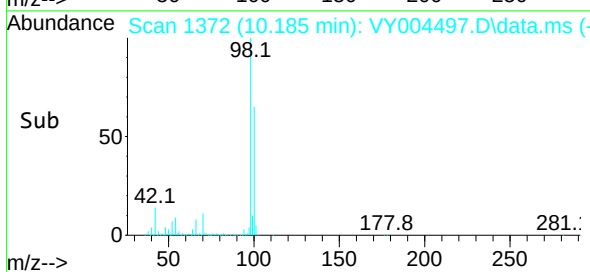
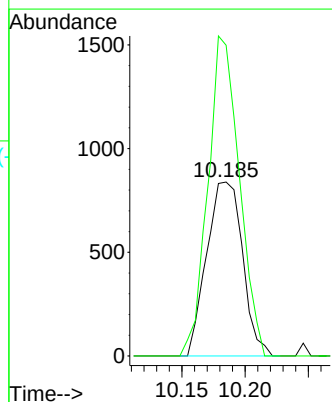
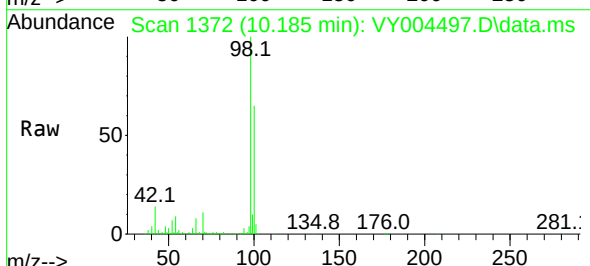
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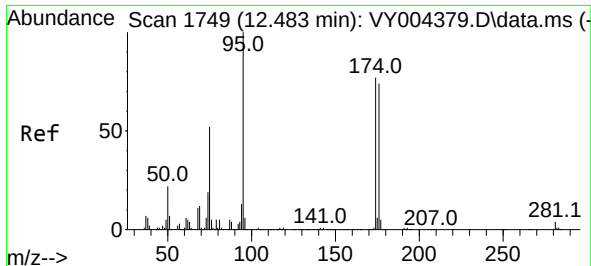
Tgt Ion: 98 Resp: 305975
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
58 161.1 29.2 43.8#

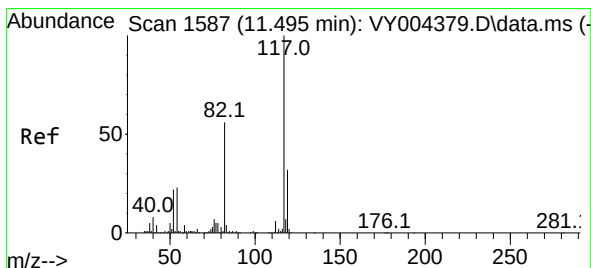
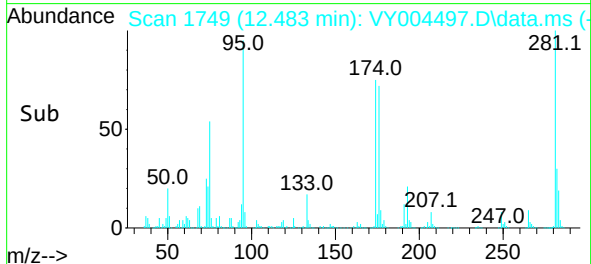
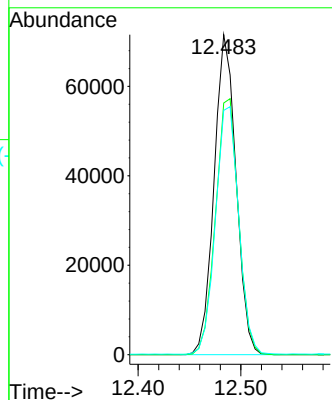
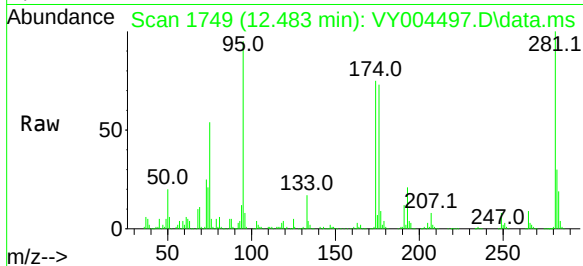




#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

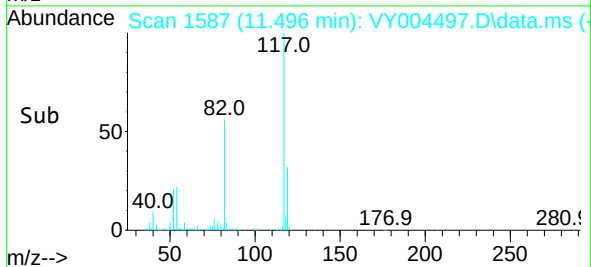
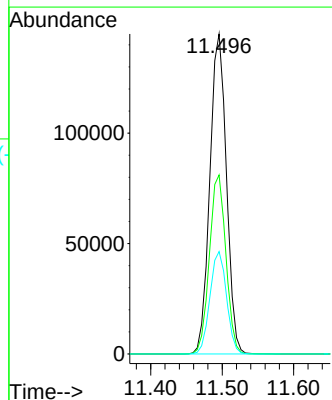
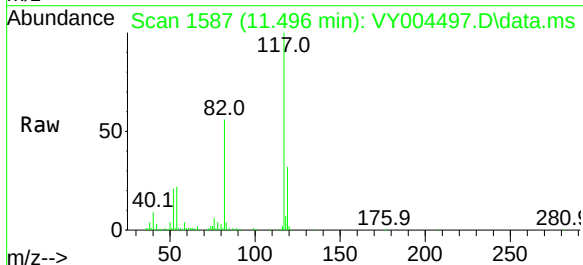
Instrument :
MSVOA_Y
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TP-2-S

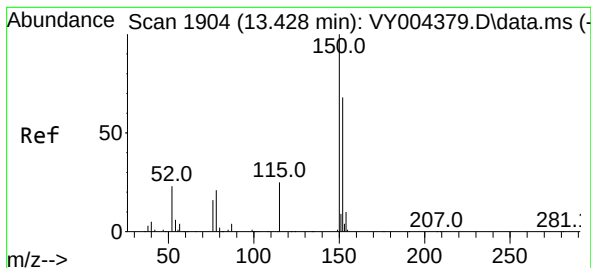
Tgt Ion: 95 Resp: 105965
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 81.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004497.D
Acq: 19 Apr 2021 14:52

Tgt Ion: 117 Resp: 233230
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.0 25.4 38.0

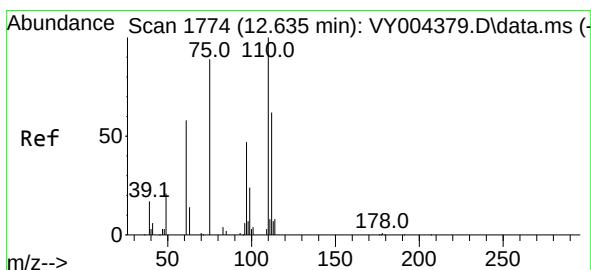
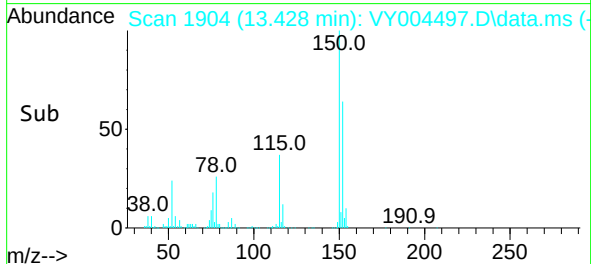
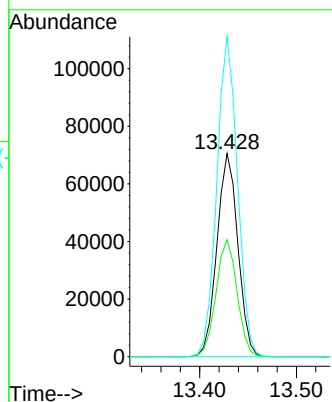
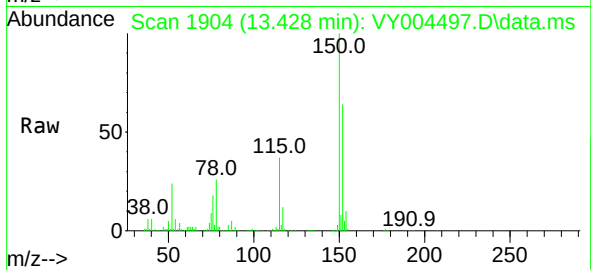




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004497.D
 Acq: 19 Apr 2021 14:52

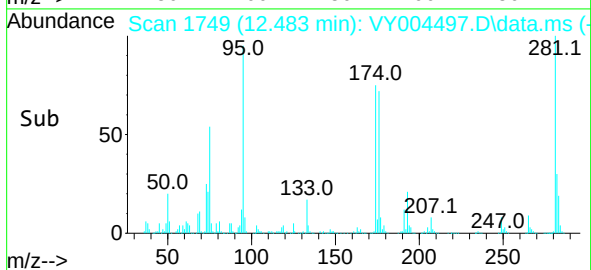
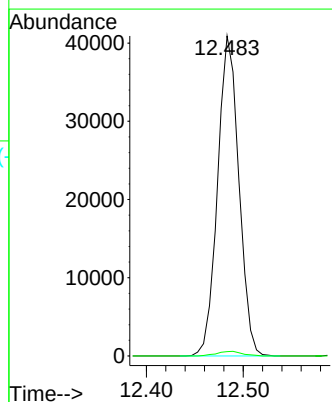
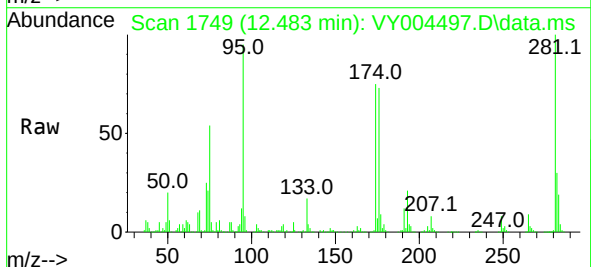
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-2-S

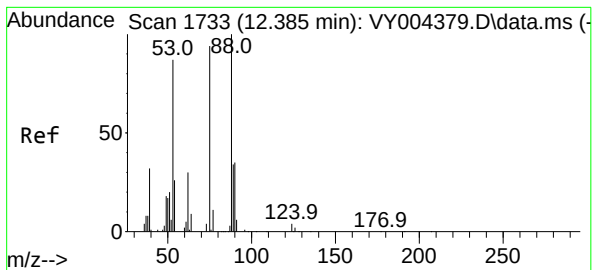
Tgt Ion:152 Resp: 105798
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.6 88.8
 150 156.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 54.97 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004497.D
 Acq: 19 Apr 2021 14:52

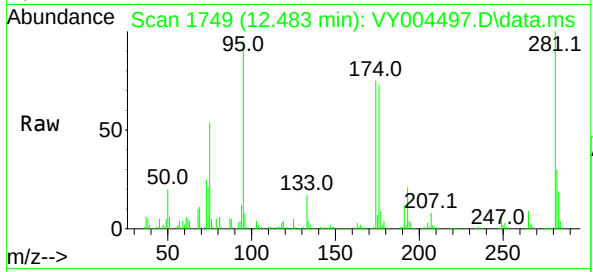
Tgt Ion: 75 Resp: 62425
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.35 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004497.D
 Acq: 19 Apr 2021 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S



Tgt Ion:	75	Resp:	62425
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	2.7	36.1	54.1#

