

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004487.D
 Acq On : 19 Apr 2021 10:38
 Operator : SY/MD
 Sample : VY0419SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

Quant Time: Apr 20 01:45:08 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)

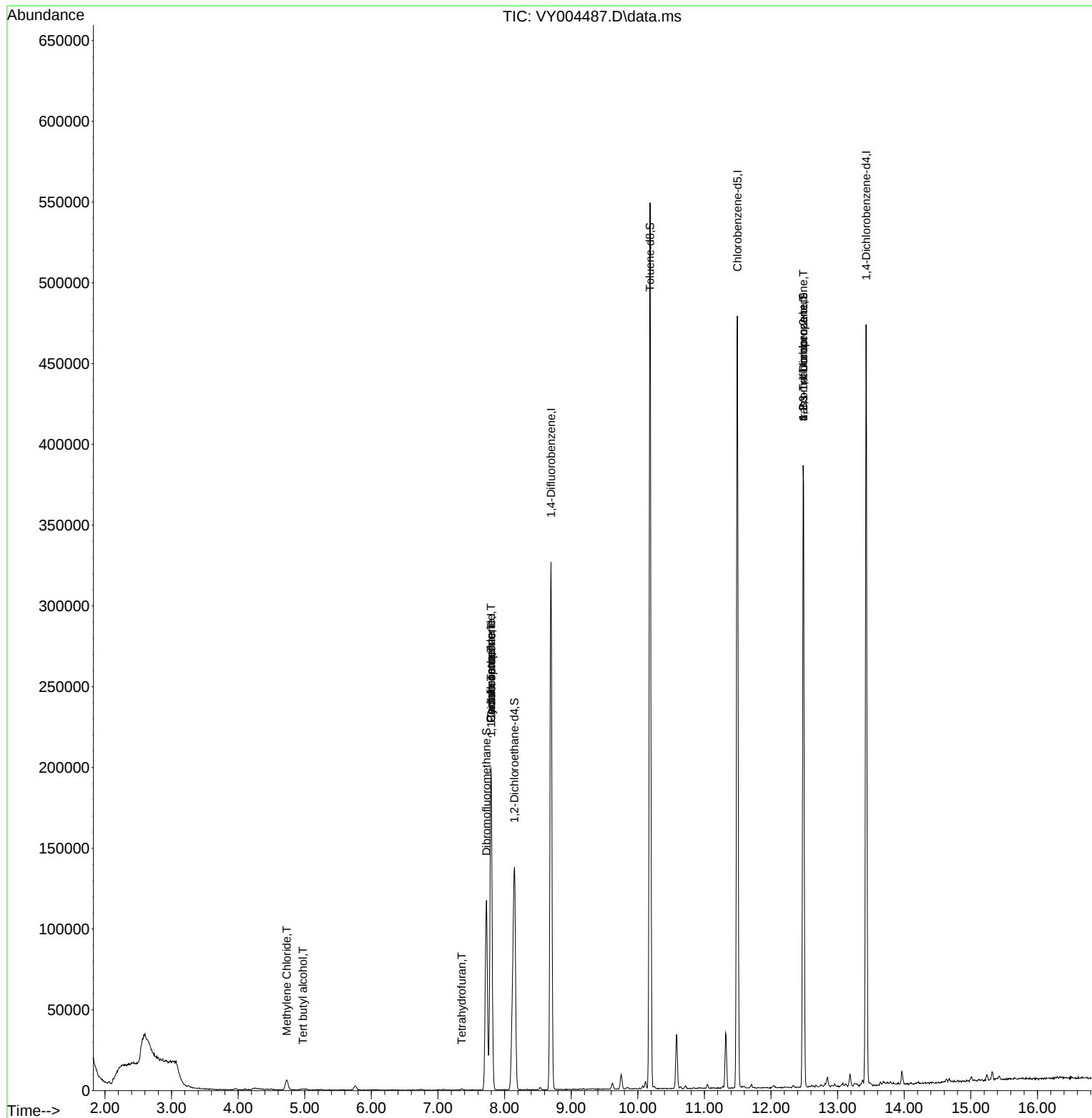
Internal Standards						
1) Pentafluorobenzene	7.795	168	153850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	249231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94120	55.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.12%
35) Dibromofluoromethane	7.728	113	80483	53.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.72%
50) Toluene-d8	10.185	98	331749	52.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.38%
62) 4-Bromofluorobenzene	12.483	95	109461	50.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.50%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1373	8.15	ug/l #	77
16) Acetone	3.960	43	1519	Below Cal	#	80
20) Methylene Chloride	4.729	84	4064	2.46	ug/l #	92
29) Tetrahydrofuran	7.356	42	696	1.50	ug/l #	71
31) Cyclohexane	7.795	56	3586	1.14	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	12184	4.55	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15131	6.54	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	59950	50.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59950	89.88	ug/l #	12

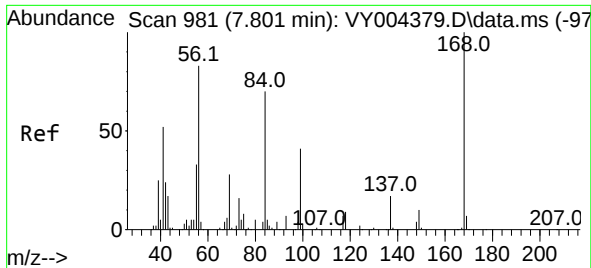
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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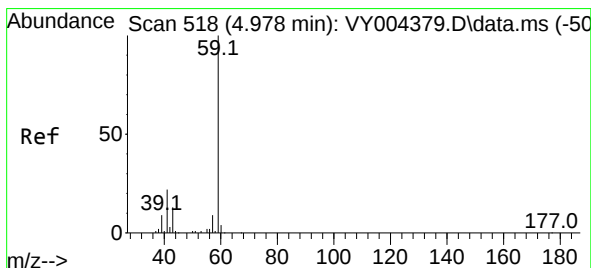
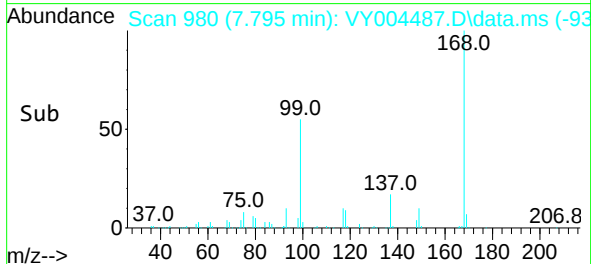
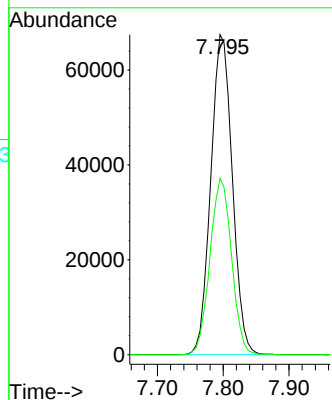
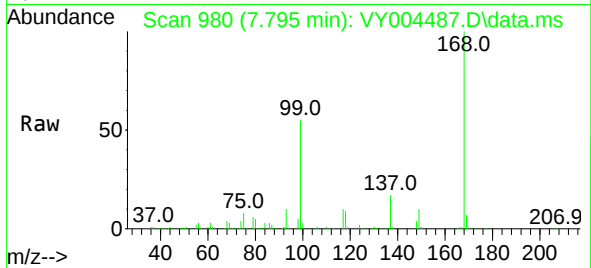




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

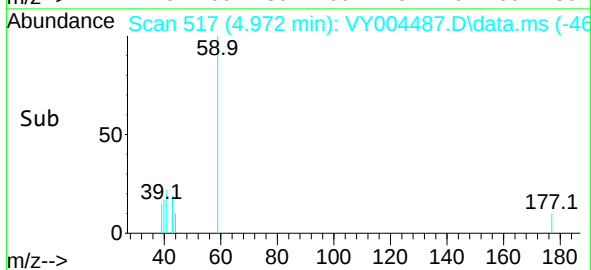
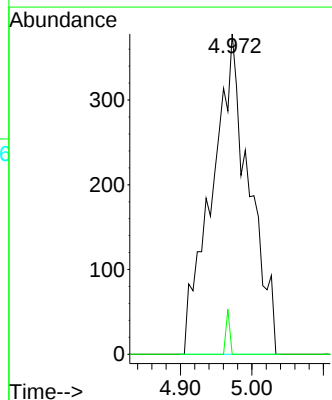
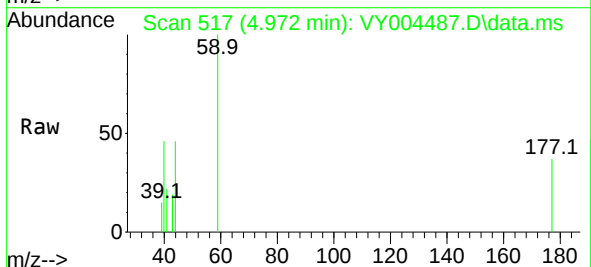
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

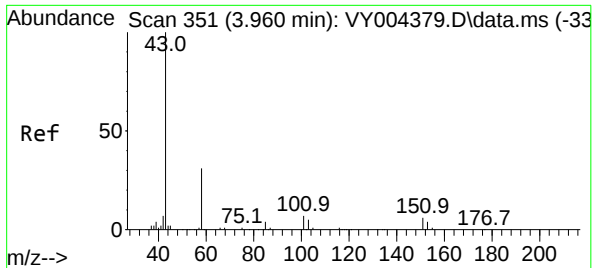
Tgt Ion:168 Resp: 153850
Ion Ratio Lower Upper
168 100
99 55.1 45.5 68.3



#11
Tert butyl alcohol
Concen: 8.15 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

Tgt Ion: 59 Resp: 1373
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#

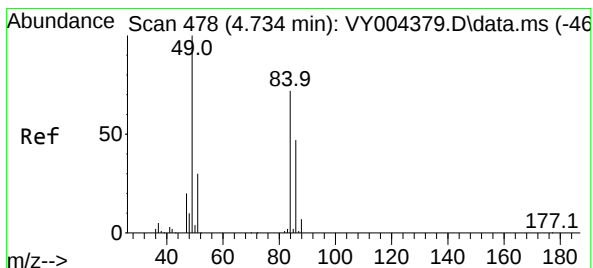
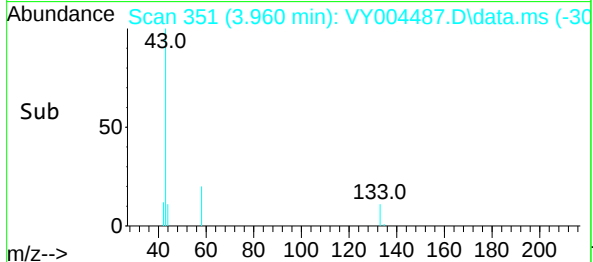
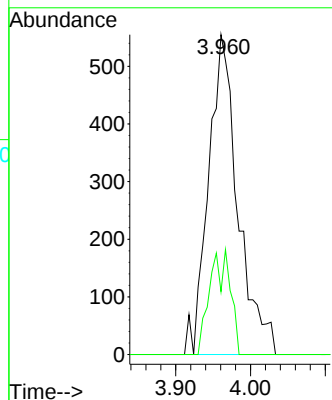
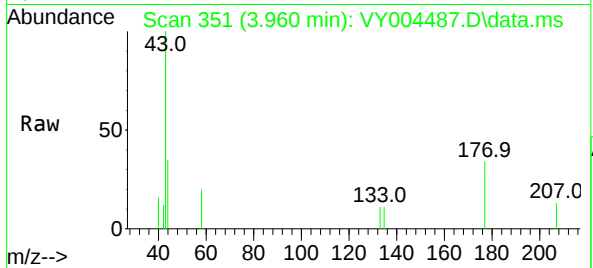




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

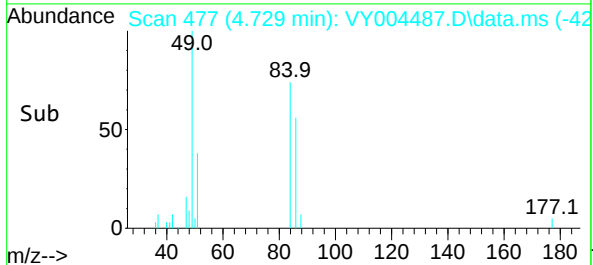
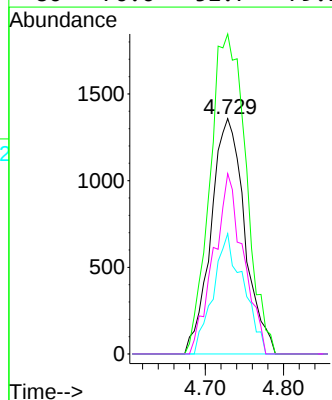
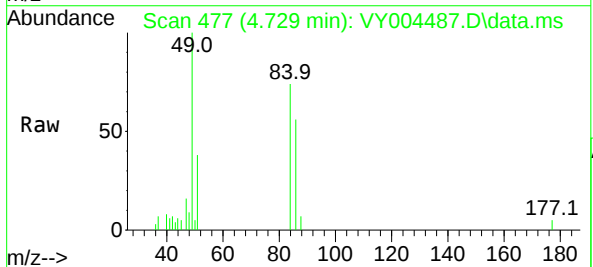
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

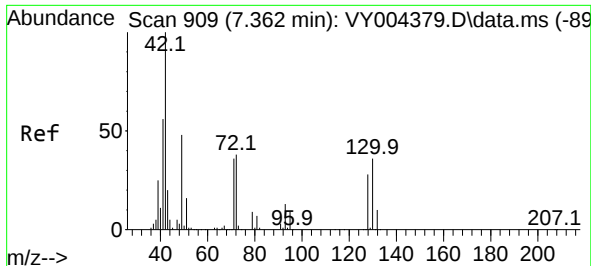
Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 19.6 24.6 37.0#



#20
Methylene Chloride
Concen: 2.46 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

Tgt Ion: 84 Resp: 4064
Ion Ratio Lower Upper
84 100
49 135.9 111.2 166.8
51 51.1 33.4 50.2#
86 76.6 52.7 79.1





#29

Tetrahydrofuran

Concen: 1.50 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004487.D

Acq: 19 Apr 2021 10:38

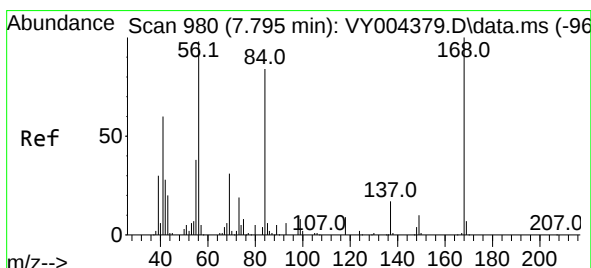
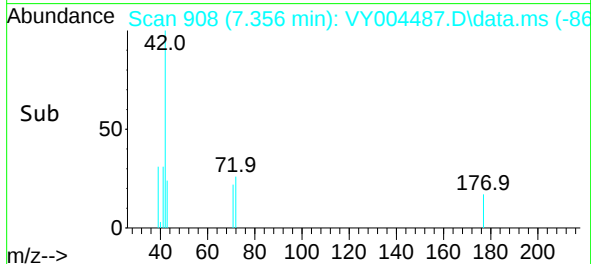
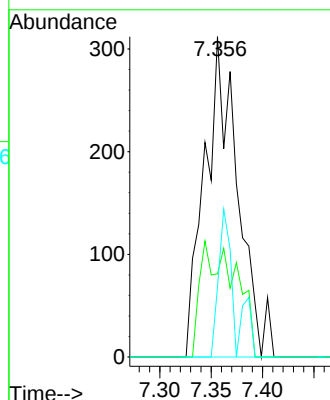
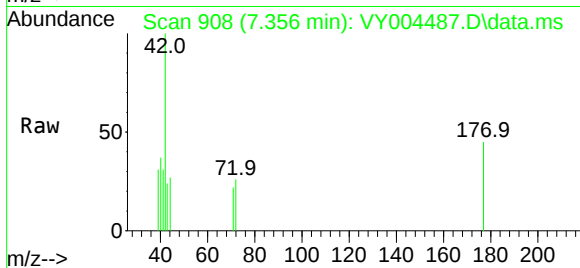
Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBL01

Tgt Ion:	42	Resp:	696
Ion	Ratio	Lower	Upper
42	100		
72	18.1	31.0	46.4#
71	22.4	28.8	43.2#



#31

Cyclohexane

Concen: 1.14 ug/l

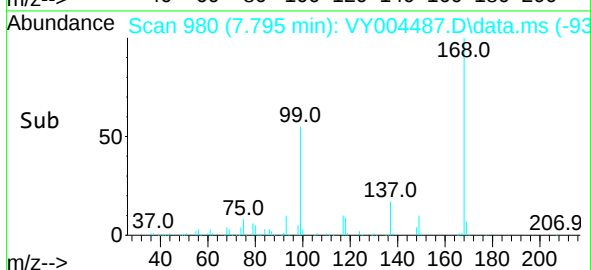
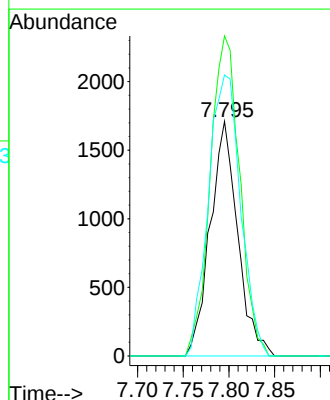
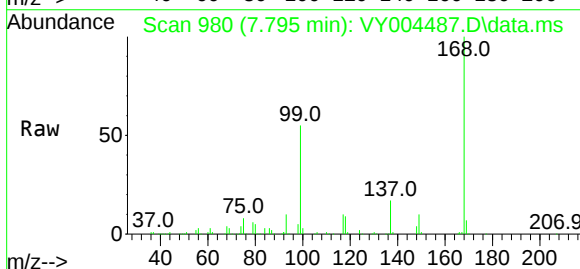
RT: 7.795 min Scan# 980

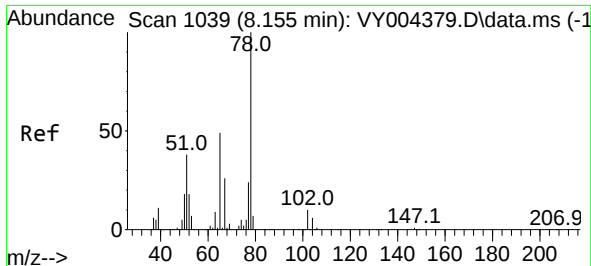
Delta R.T. 0.000 min

Lab File: VY004487.D

Acq: 19 Apr 2021 10:38

Tgt Ion:	56	Resp:	3586
Ion	Ratio	Lower	Upper
56	100		
69	136.4	25.8	38.6#
84	119.8	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 55.06 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004487.D

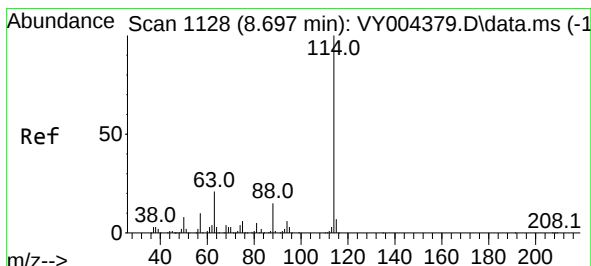
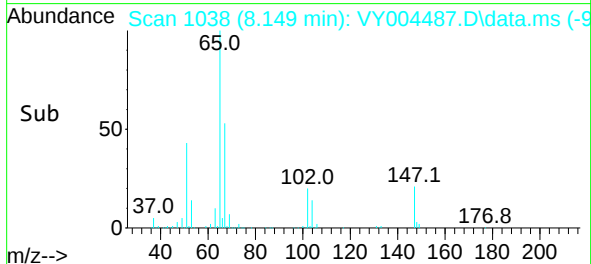
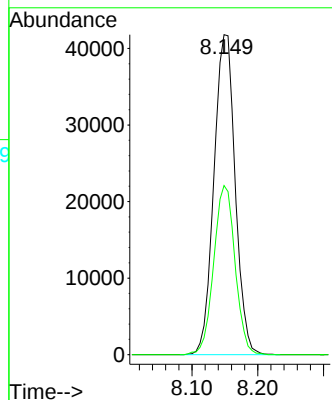
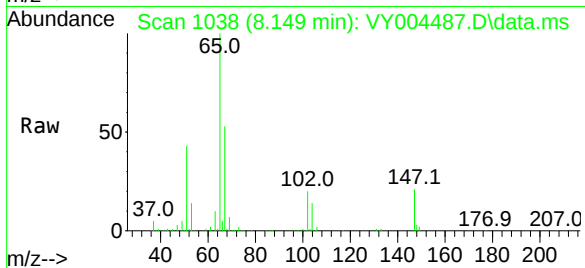
Acq: 19 Apr 2021 10:38

Tgt Ion: 65 Resp: 94120

Ion Ratio Lower Upper

65 100

67 53.0 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: VY004487.D

Acq: 19 Apr 2021 10:38

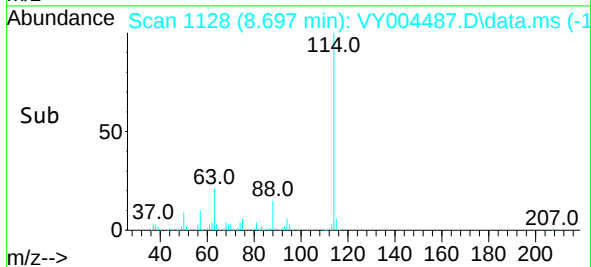
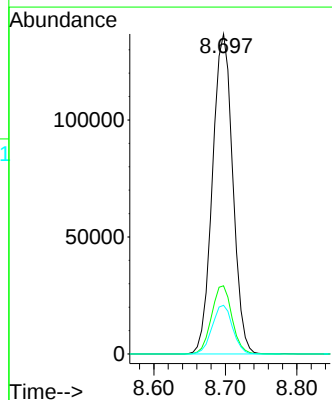
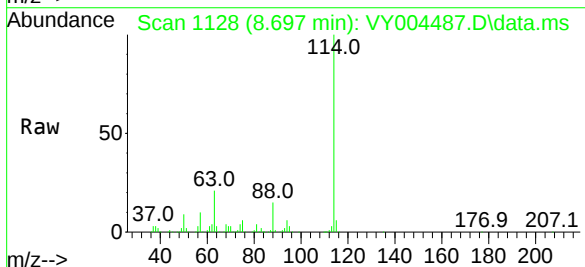
Tgt Ion: 114 Resp: 269263

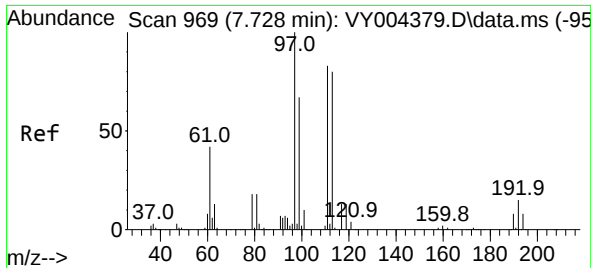
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.2 0.0 30.8

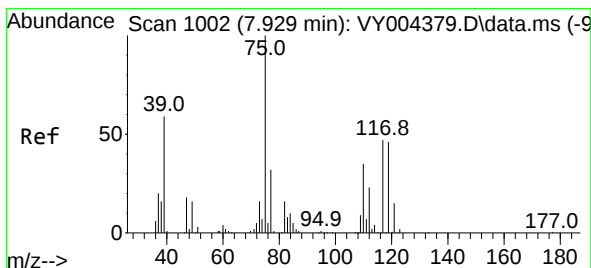
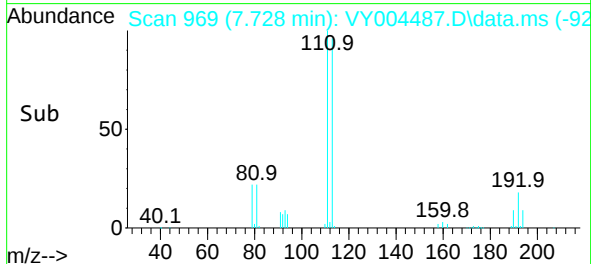
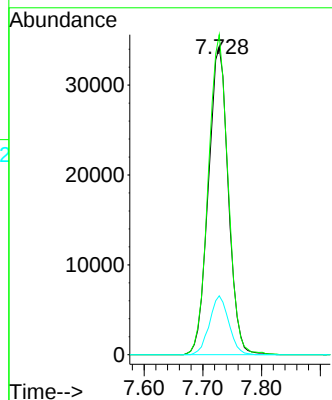
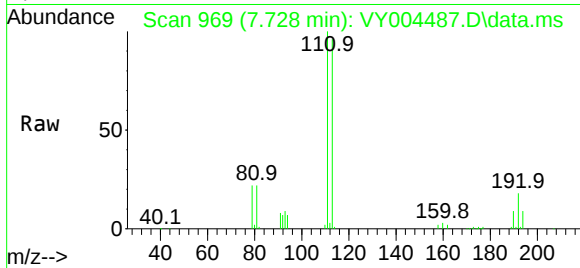




#35
Dibromofluoromethane
Concen: 53.86 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

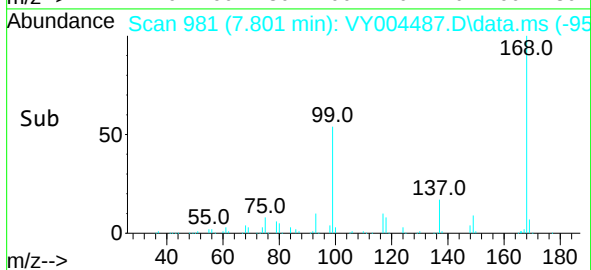
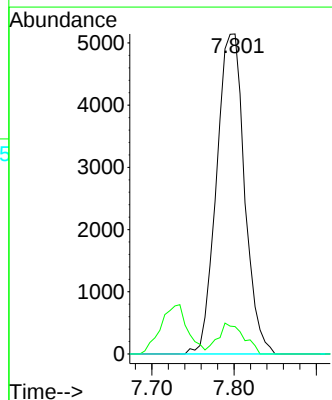
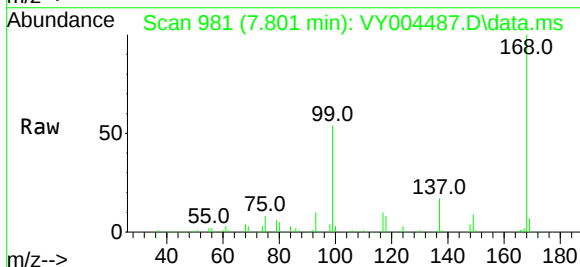
Instrument :
MSVOA_Y
ClientSampleId :
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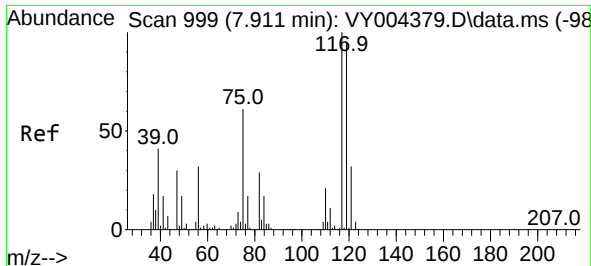
Tgt Ion:	113	Resp:	80483
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	18.6	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

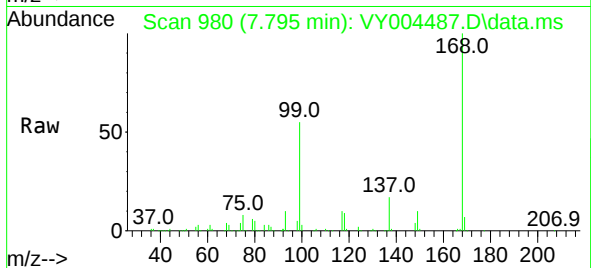
Tgt Ion:	75	Resp:	12184
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#



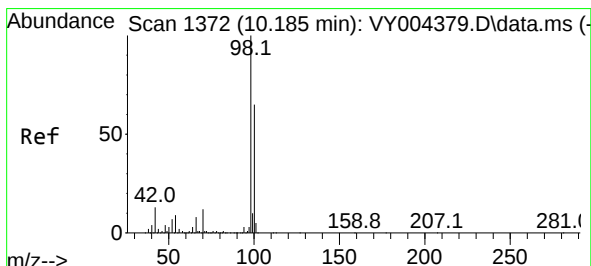
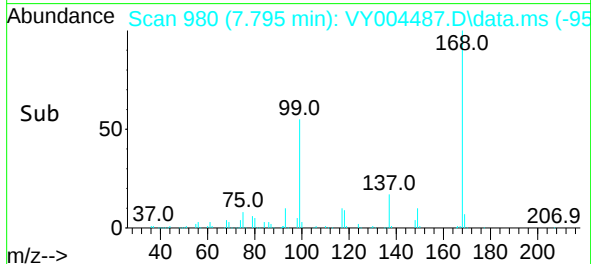
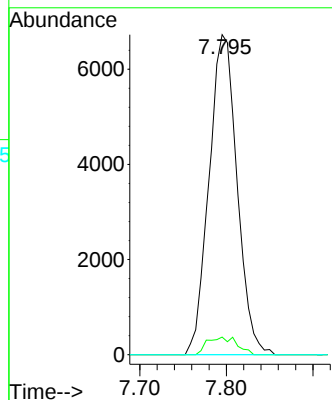


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

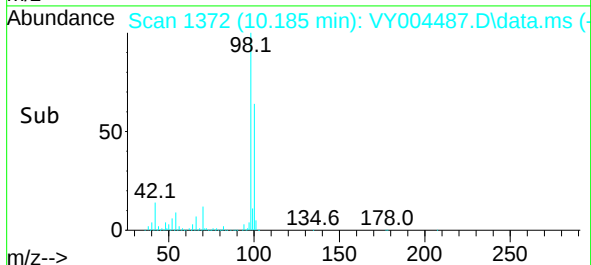
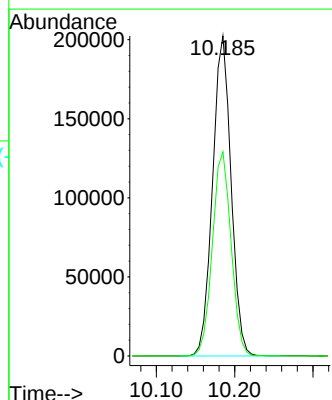
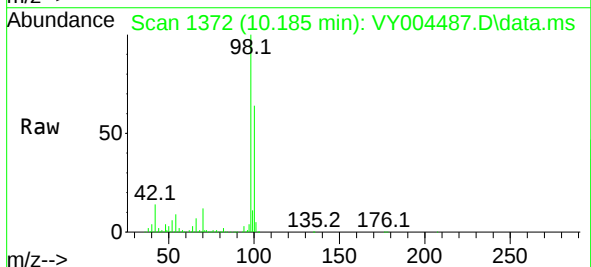


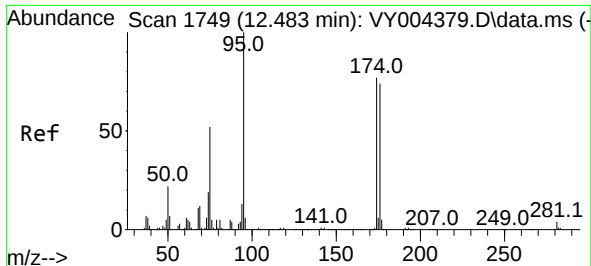
Tgt Ion:117 Resp: 15131
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

Tgt Ion: 98 Resp: 331749
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

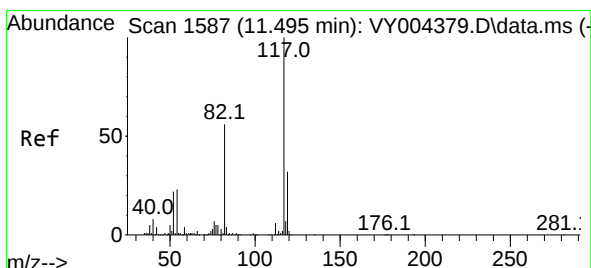
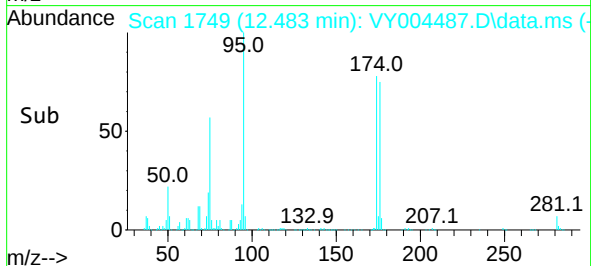
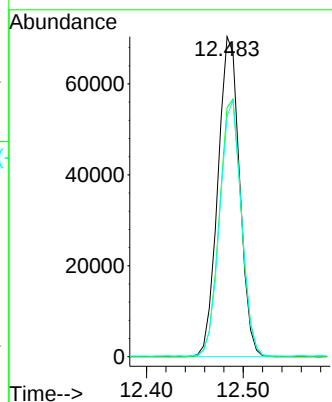
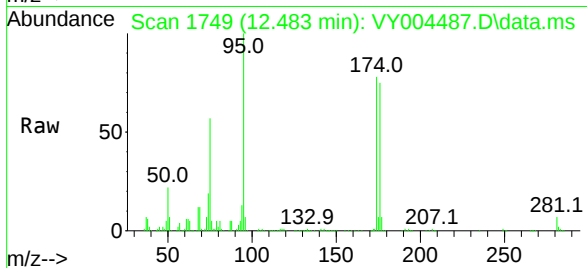




#62
4-Bromofluorobenzene
Concen: 50.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

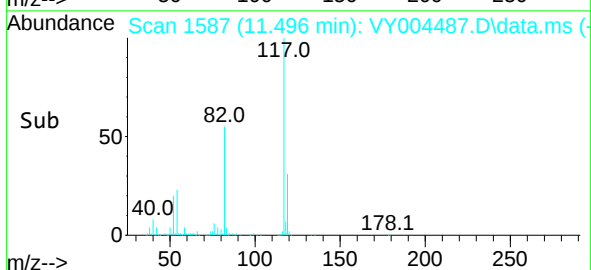
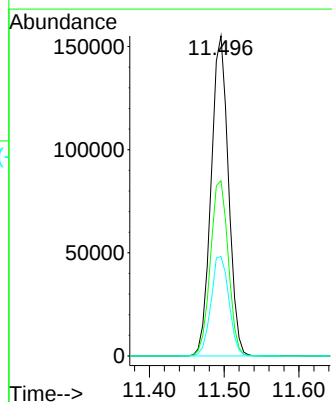
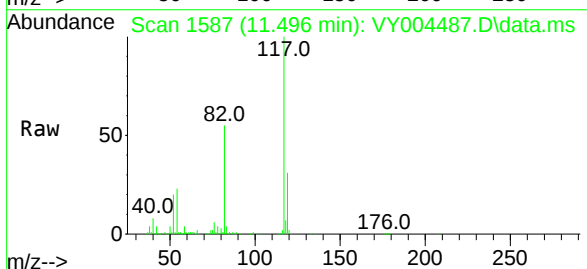
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

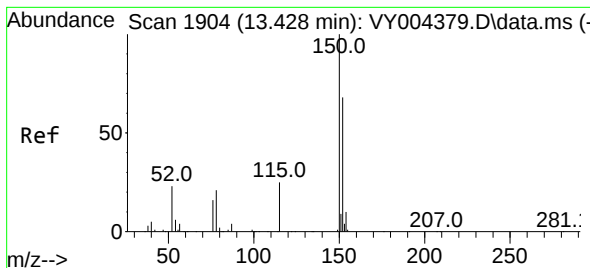
Tgt Ion: 95 Resp: 109461
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.4
176 79.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004487.D
Acq: 19 Apr 2021 10:38

Tgt Ion: 117 Resp: 249231
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 31.1 25.4 38.0

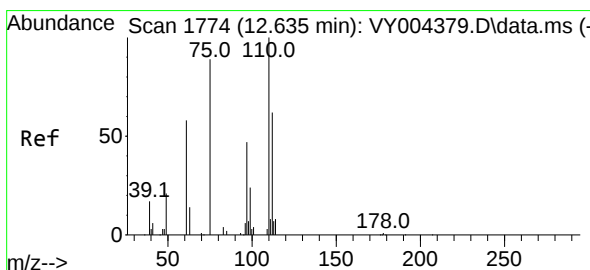
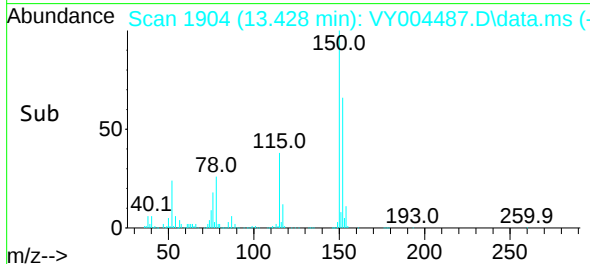
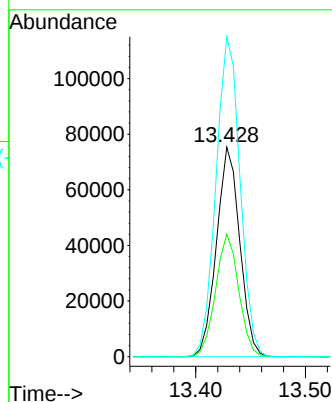
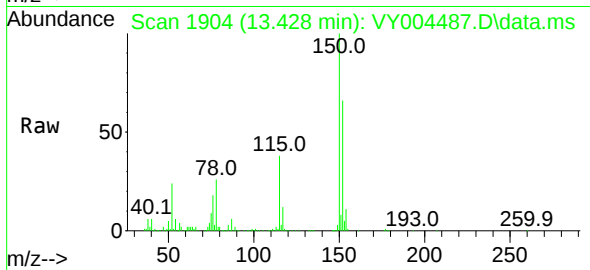




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004487.D
 Acq: 19 Apr 2021 10:38

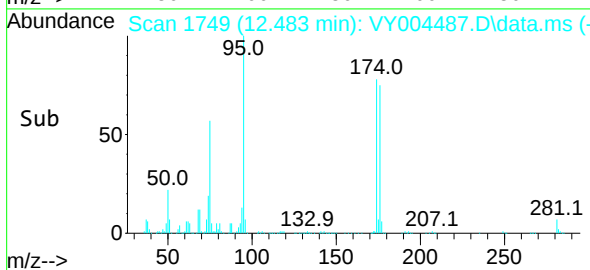
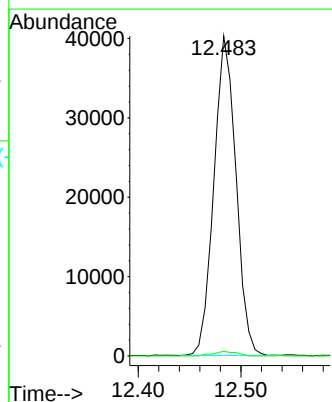
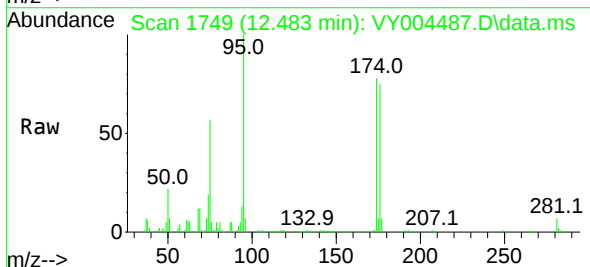
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

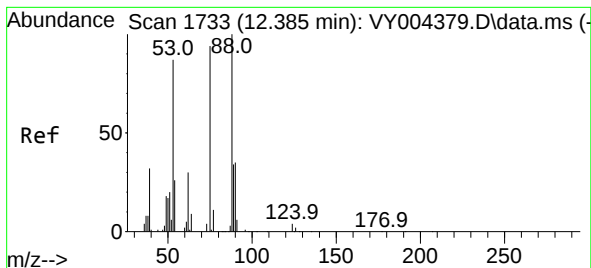
Tgt Ion:152 Resp: 111172
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.6 88.8
 150 157.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.24 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004487.D
 Acq: 19 Apr 2021 10:38

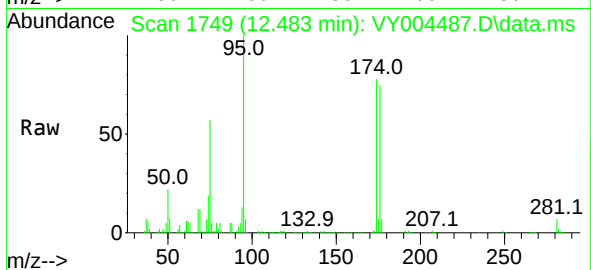
Tgt Ion: 75 Resp: 59950
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.88 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004487.D
 Acq: 19 Apr 2021 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.4	36.1	54.1#

