

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004581.D
 Acq On : 22 Apr 2021 13:42
 Operator : SY/MD
 Sample : M2107-01
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:19:38 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)

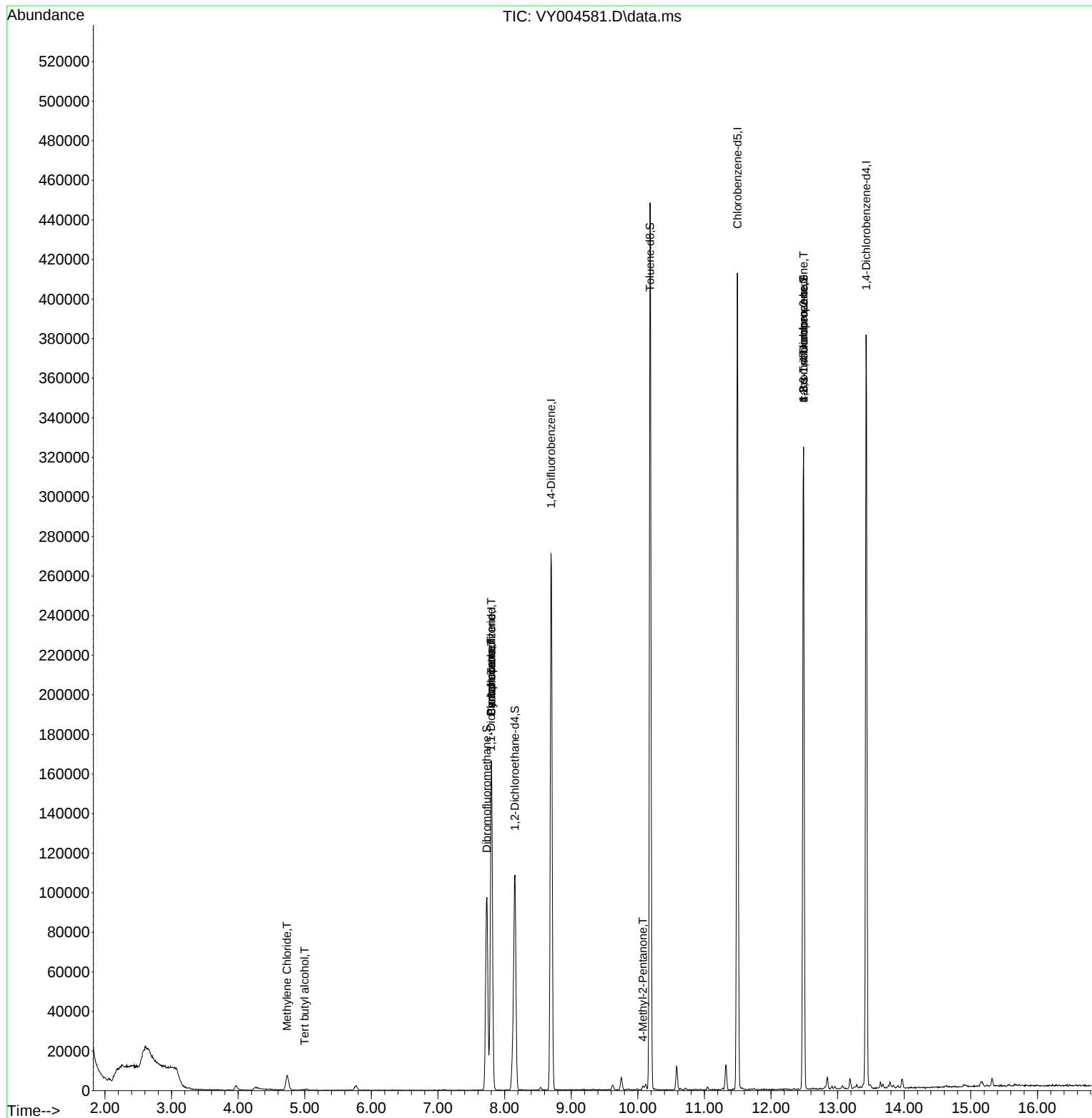
Internal Standards						
1) Pentafluorobenzene	7.801	168	124263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81077	58.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.44%
35) Dibromofluoromethane	7.734	113	68316	55.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.50%
50) Toluene-d8	10.185	98	274560	52.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.34%
62) 4-Bromofluorobenzene	12.489	95	88856	50.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.46%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	980	7.20	ug/l #	73
16) Acetone	3.972	43	4285	Below Cal		97
20) Methylene Chloride	4.734	84	5069	3.80	ug/l	94
31) Cyclohexane	7.801	56	3143	1.24	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	10262	4.68	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12552	6.62	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1457	1.06	ug/l #	86
76) 1,2,3-Trichloropropane	12.489	75	49634	51.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49634	92.41	ug/l #	12

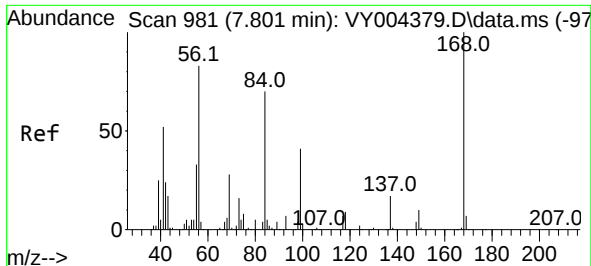
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

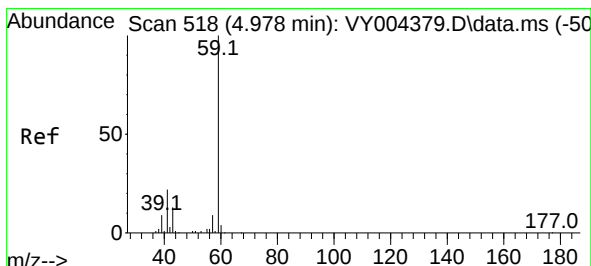
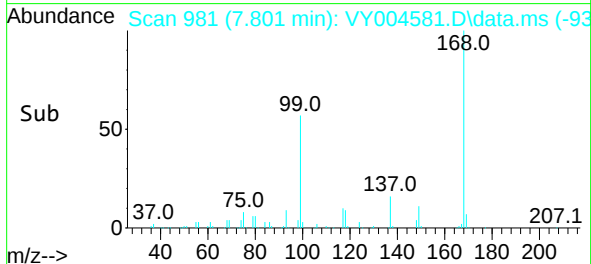
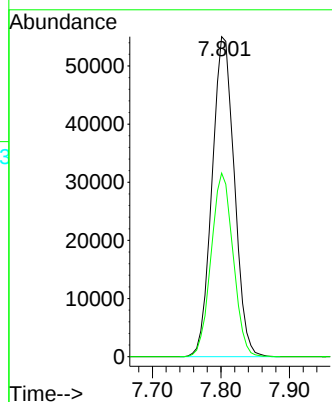
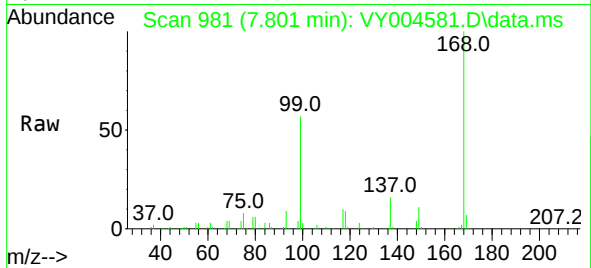




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

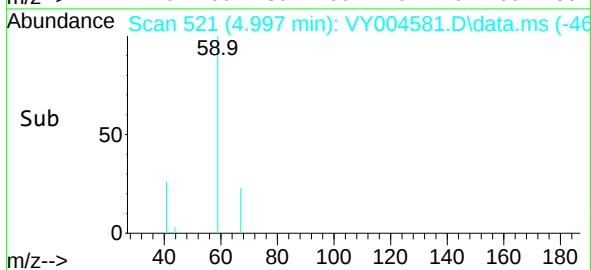
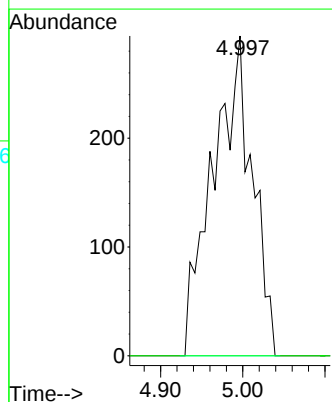
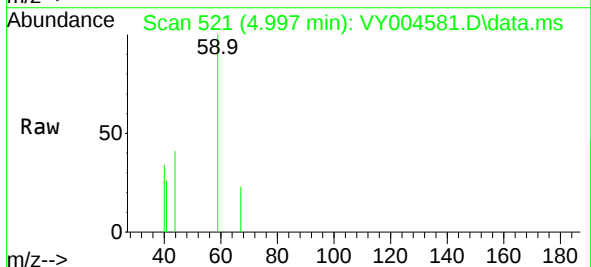
Instrument :
MSVOA_Y
ClientSampleId :

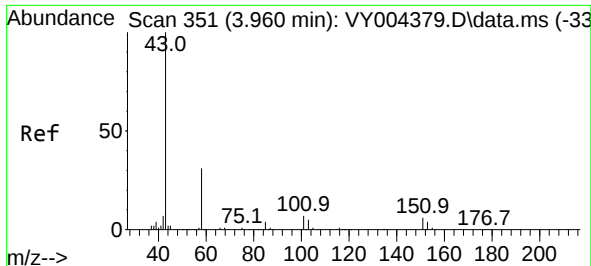
Tgt Ion:168 Resp: 124263
Ion Ratio Lower Upper
168 100
99 57.3 45.5 68.3



#11
Tert butyl alcohol
Concen: 7.20 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.018 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

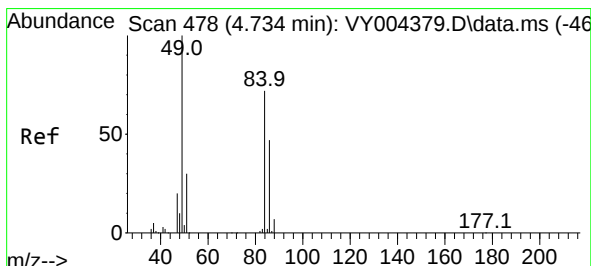
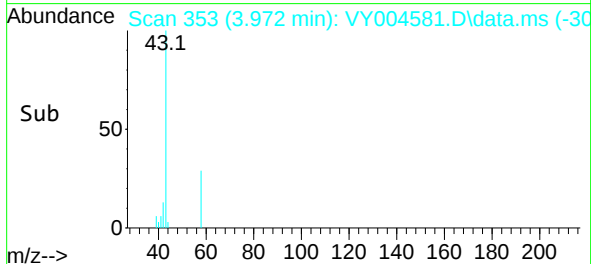
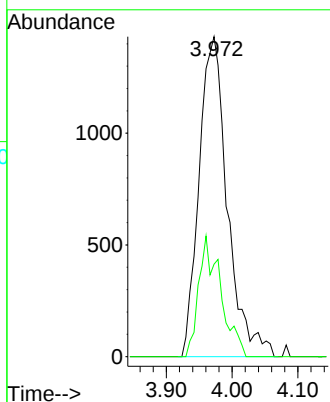
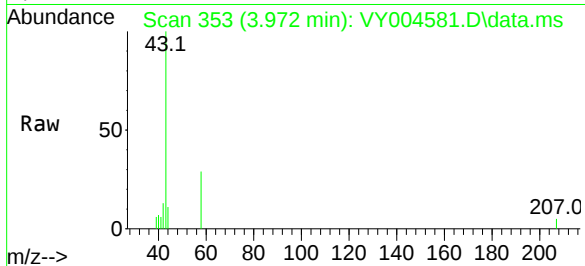




#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

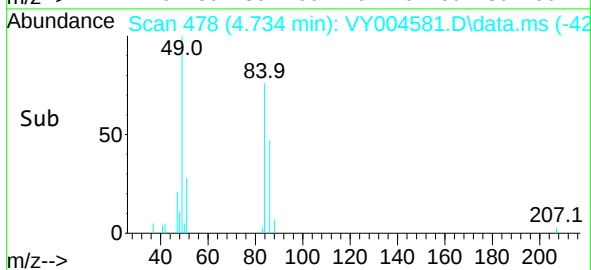
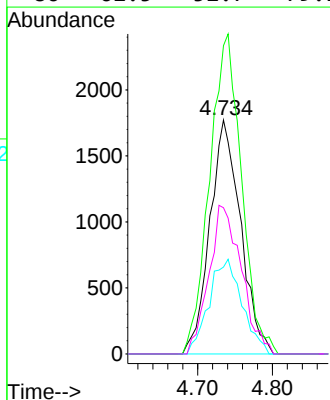
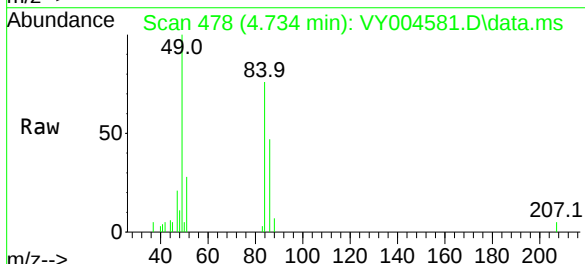
Instrument :
MSVOA_Y
ClientSampled :

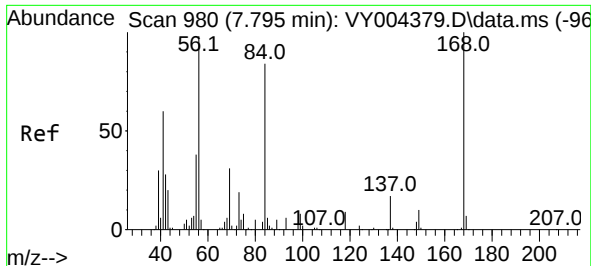
Tgt Ion: 43 Resp: 4285
Ion Ratio Lower Upper
43 100
58 28.9 24.6 37.0



#20
Methylene Chloride
Concen: 3.80 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion: 84 Resp: 5069
Ion Ratio Lower Upper
84 100
49 131.8 111.2 166.8
51 37.1 33.4 50.2
86 62.5 52.7 79.1

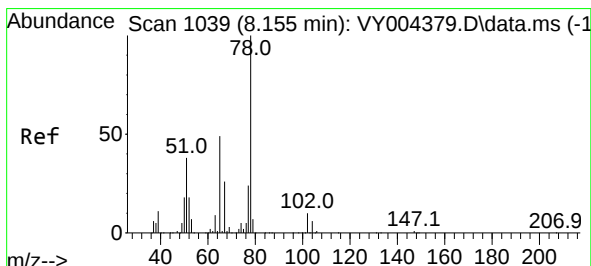
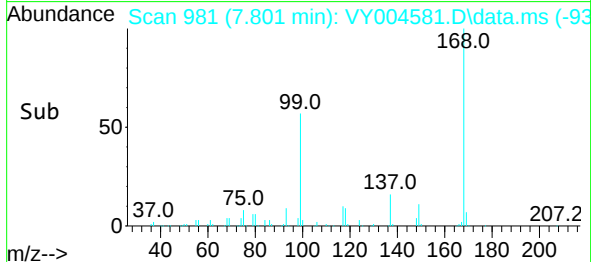
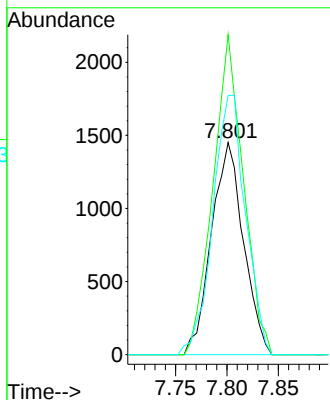
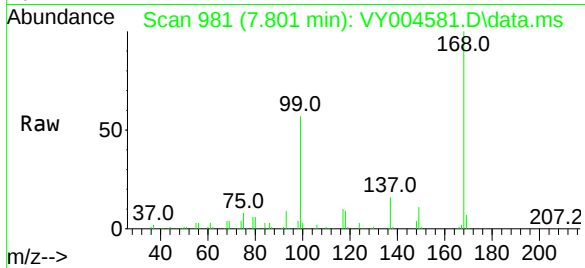




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

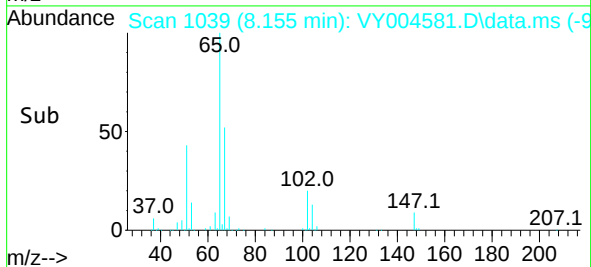
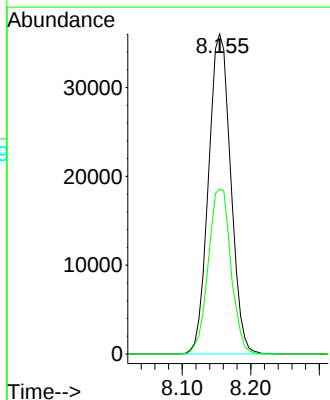
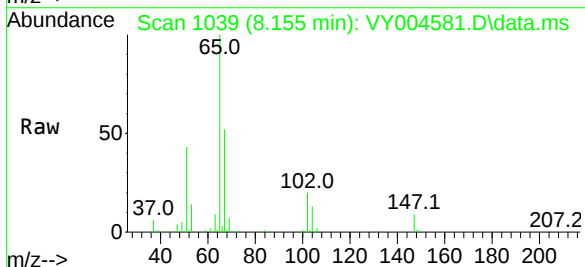
Instrument :
MSVOA_Y
ClientSampleId :

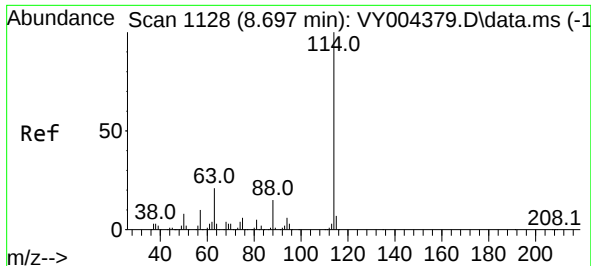
Tgt Ion: 56 Resp: 3143
Ion Ratio Lower Upper
56 100
69 150.9 25.8 38.6#
84 122.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 58.72 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion: 65 Resp: 81077
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

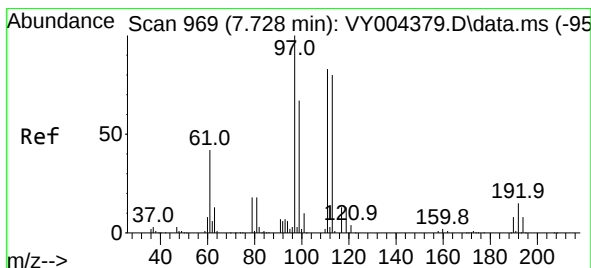
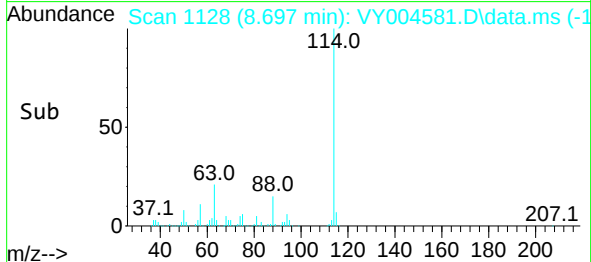
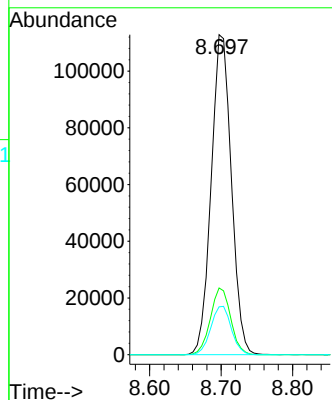
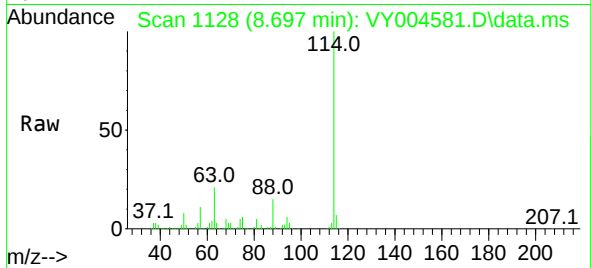




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

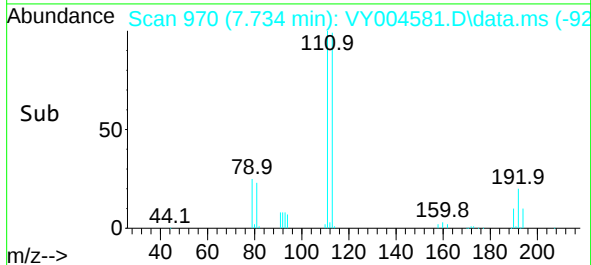
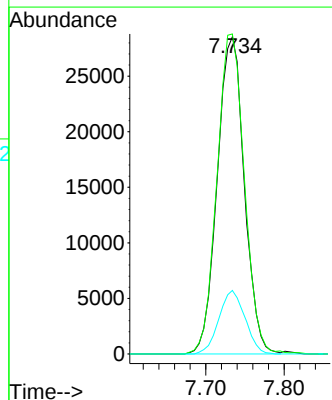
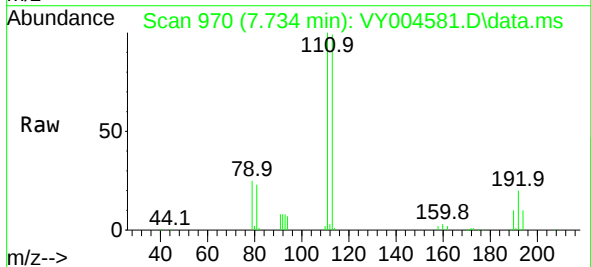
Instrument :
MSVOA_Y
ClientSampleId :

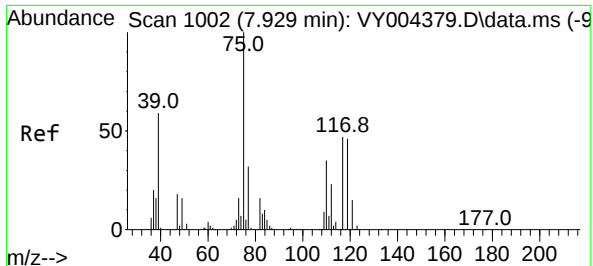
Tgt Ion:114 Resp: 220825
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.75 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion:113 Resp: 68316
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.795 min Scan# 980

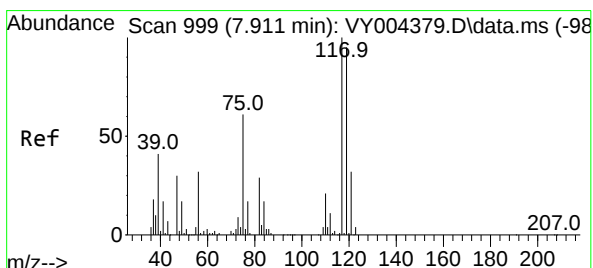
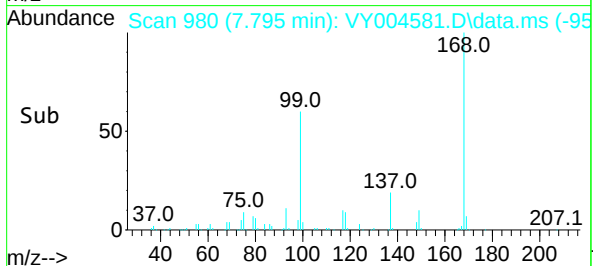
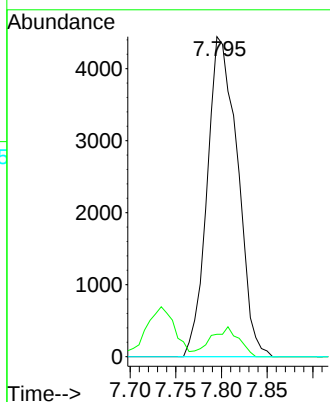
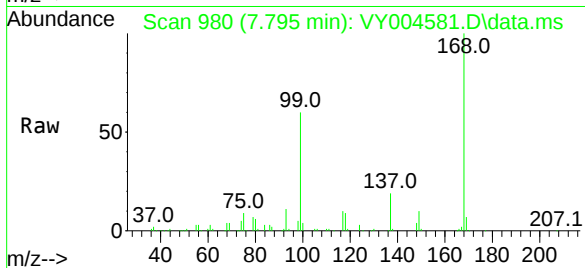
Delta R.T. -0.134 min

Lab File: VY004581.D

Acq: 22 Apr 2021 13:42

Tgt Ion:	75	Resp:	10262
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.62 ug/l

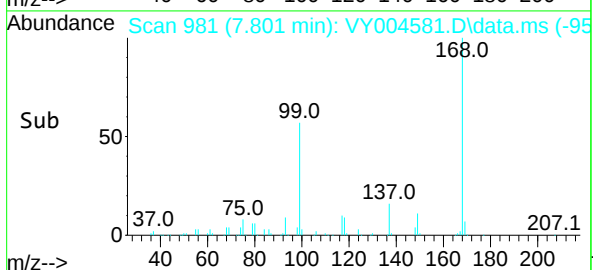
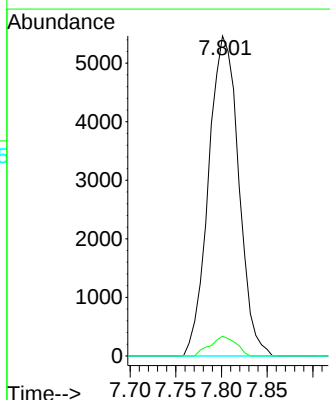
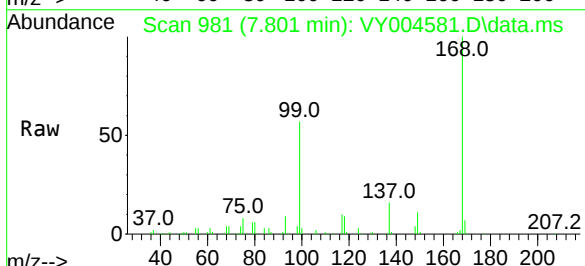
RT: 7.801 min Scan# 981

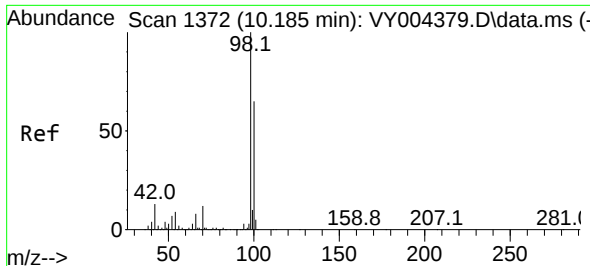
Delta R.T. -0.110 min

Lab File: VY004581.D

Acq: 22 Apr 2021 13:42

Tgt Ion:	117	Resp:	12552
Ion	Ratio	Lower	Upper
117	100		
119	6.2	75.8	113.8#
121	0.0	25.3	37.9#

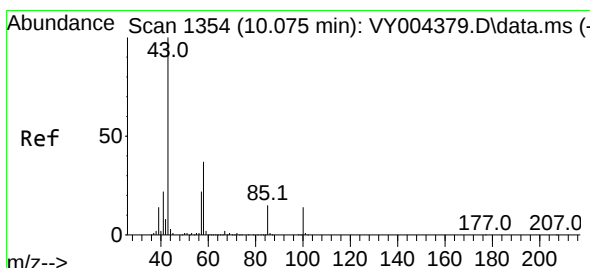
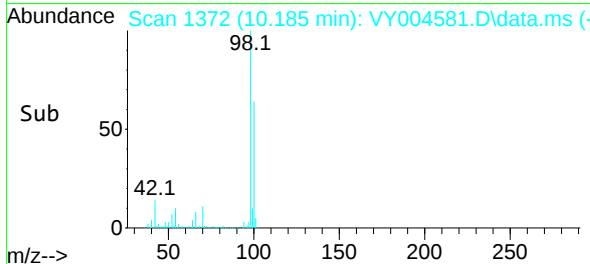
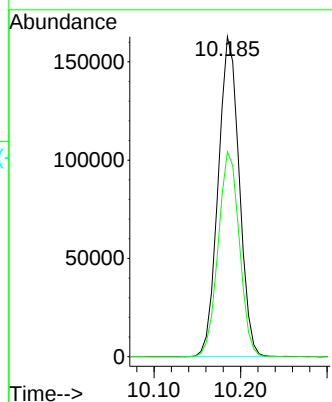
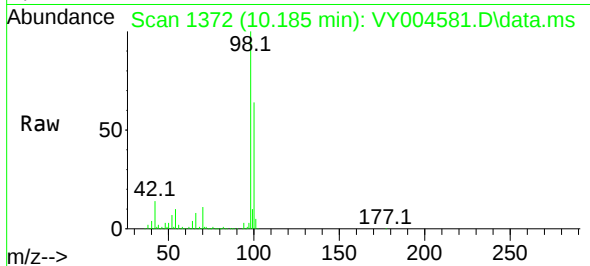




#50
Toluene-d8
Concen: 52.67 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

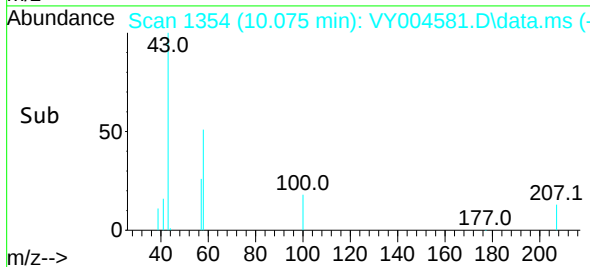
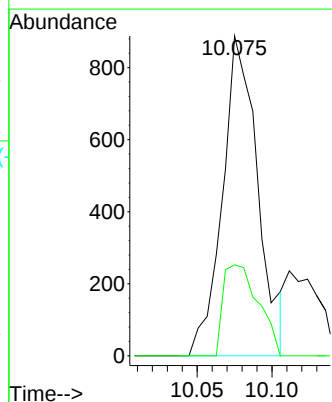
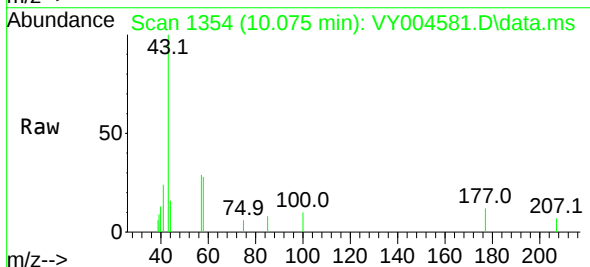
Instrument :
MSVOA_Y
ClientSampled :

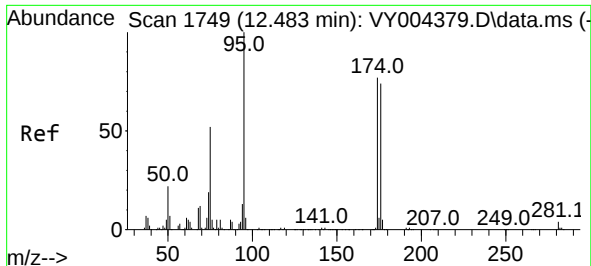
Tgt Ion: 98 Resp: 274560
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 28.3 29.2 43.8#

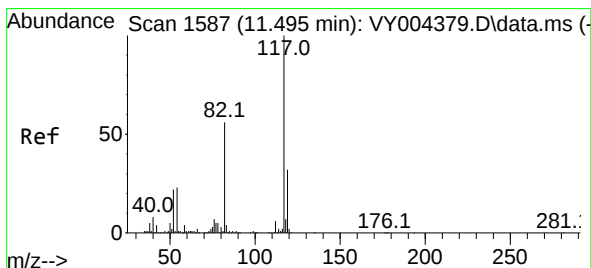
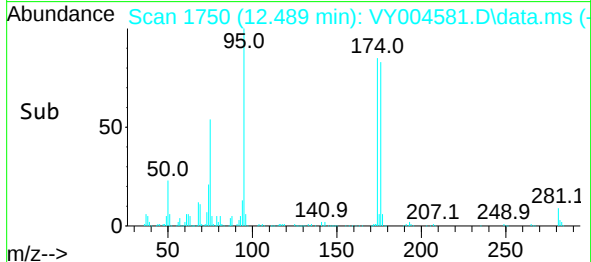
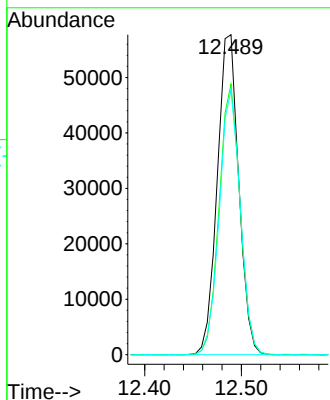
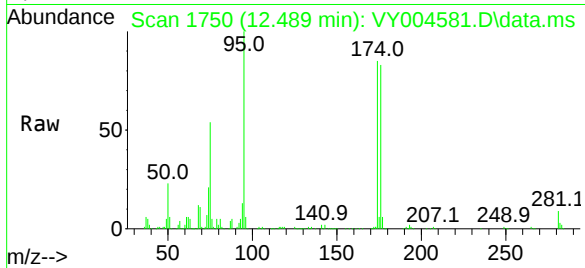




#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

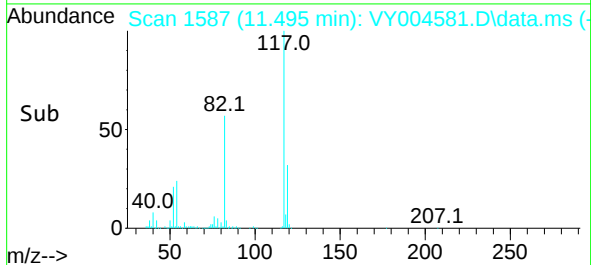
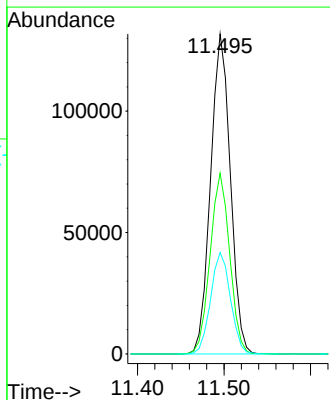
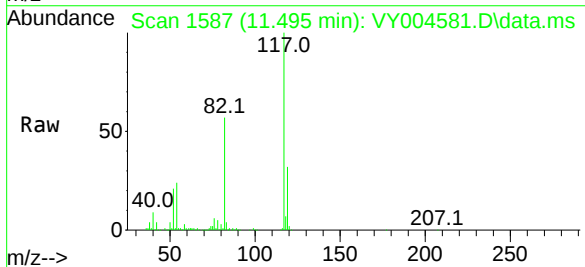
Instrument :
MSVOA_Y
ClientSampleId :

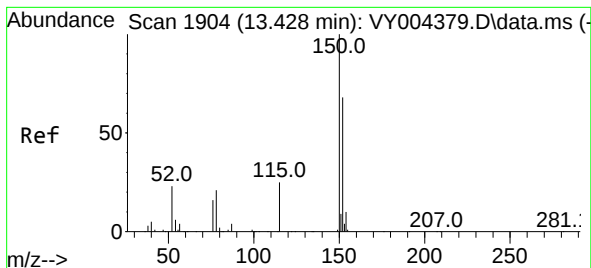
Tgt Ion: 95 Resp: 88856
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.4
176 81.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004581.D
Acq: 22 Apr 2021 13:42

Tgt Ion: 117 Resp: 208760
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 31.7 25.4 38.0

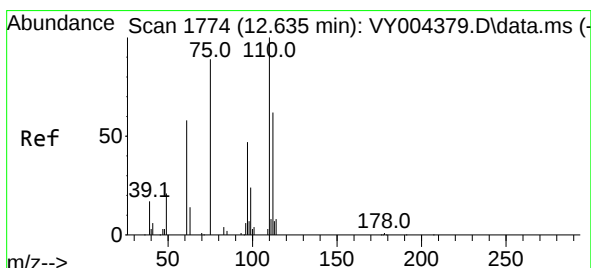
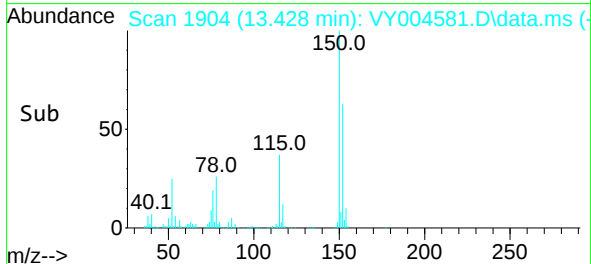
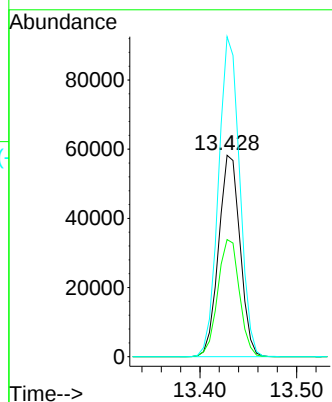
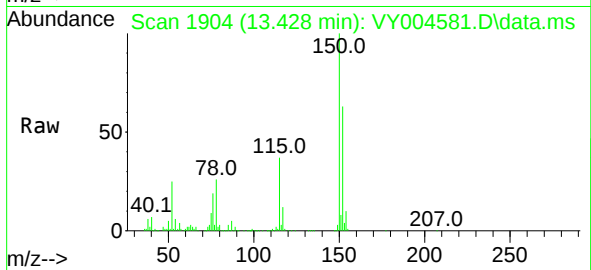




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004581.D
 Acq: 22 Apr 2021 13:42

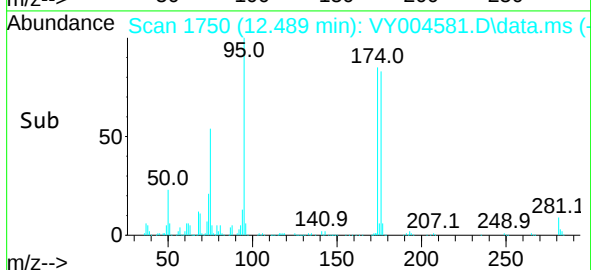
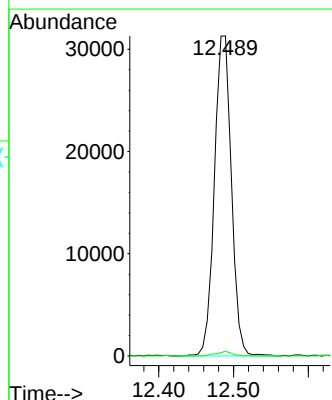
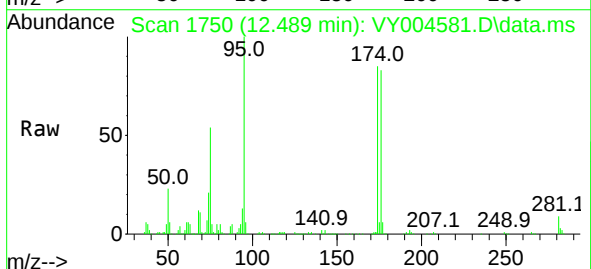
Instrument :
 MSVOA_Y
 ClientSampled :

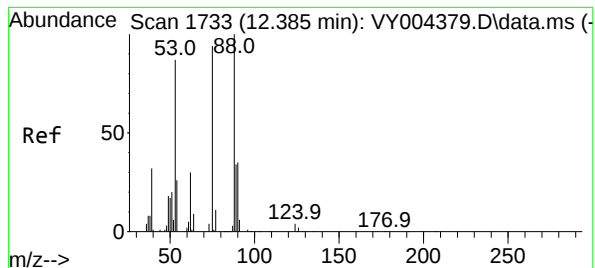
Tgt Ion:152 Resp: 89521
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.8
 150 157.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.66 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004581.D
 Acq: 22 Apr 2021 13:42

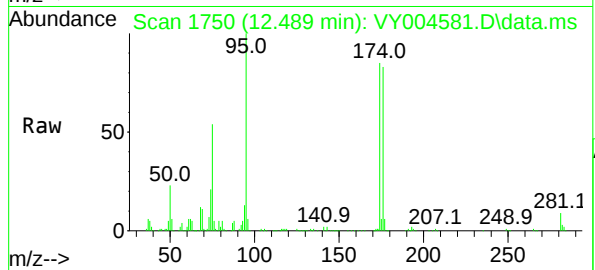
Tgt Ion: 75 Resp: 49634
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.41 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY004581.D
 Acq: 22 Apr 2021 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49634
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 0.0 36.1 54.1#

