

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007065.D
 Acq On : 07 Jan 2022 20:00
 Operator : SY/MD
 Sample : N1065-44
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

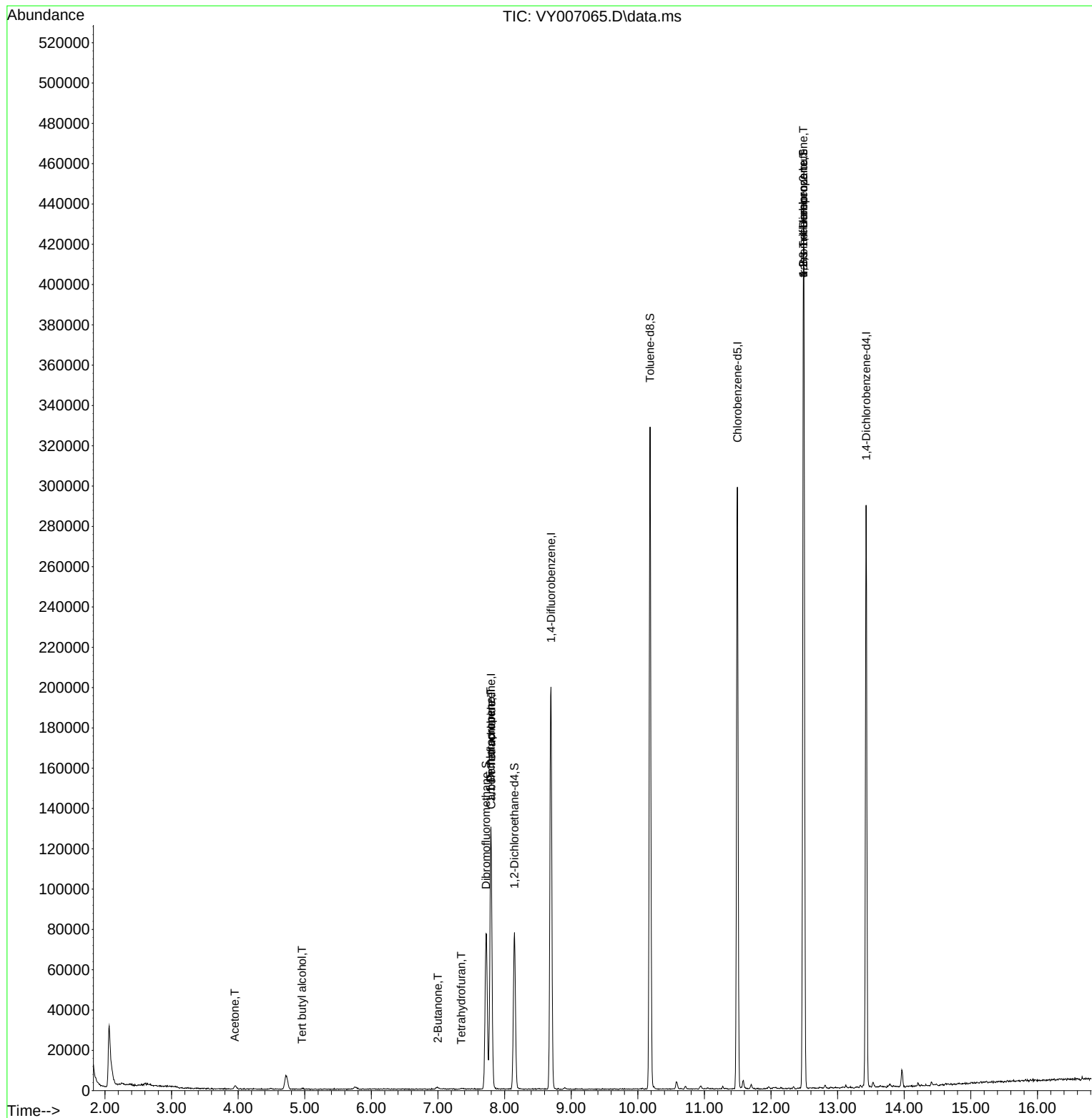
Internal Standards						
1) Pentafluorobenzene	7.795	168	96439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	161390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	61819	54.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.600%	
35) Dibromofluoromethane	7.722	113	56887	50.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.185	98	214000	50.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.483	95	76773	48.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	392	3.819	ug/l #	71
16) Acetone	3.948	43	3034	12.097	ug/l	94
20) Methylene Chloride	4.728	84	5220	Below Cal		95
25) 2-Butanone	6.996	43	781	2.163	ug/l #	46
29) Tetrahydrofuran	7.350	42	328	1.223	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	8017	4.238	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10304	5.207	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42461	48.268	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42461	88.158	ug/l #	4

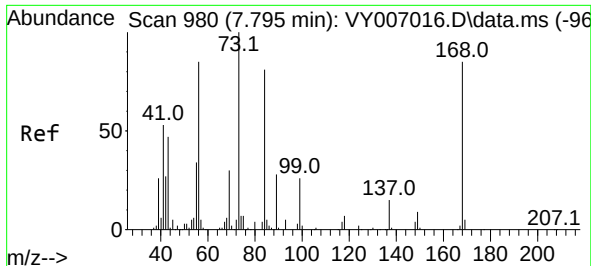
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
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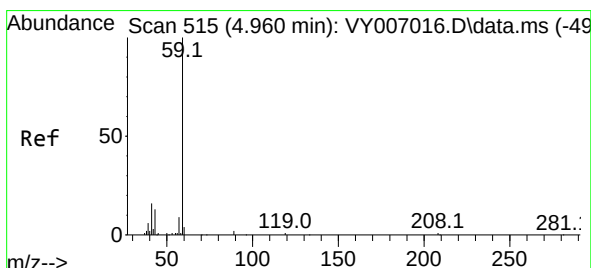
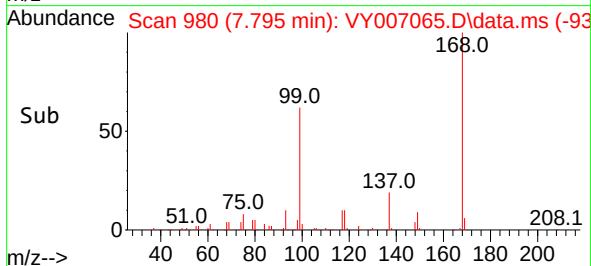
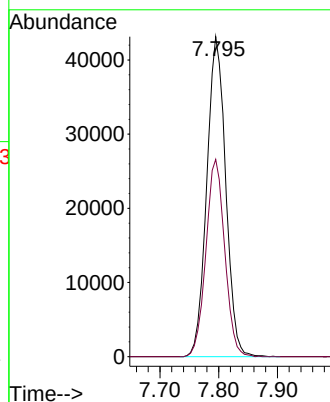
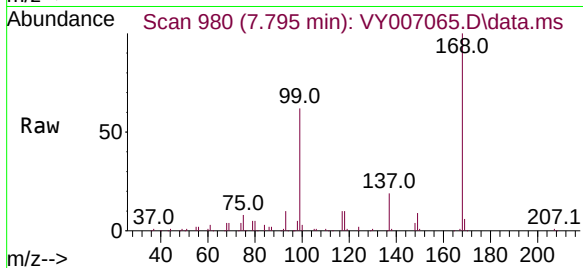




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

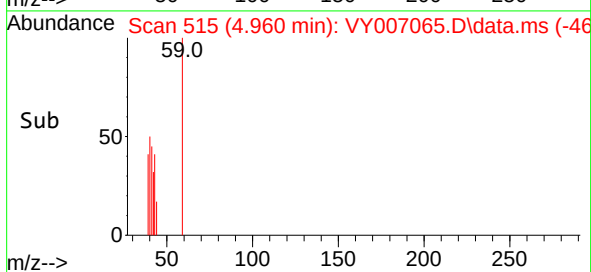
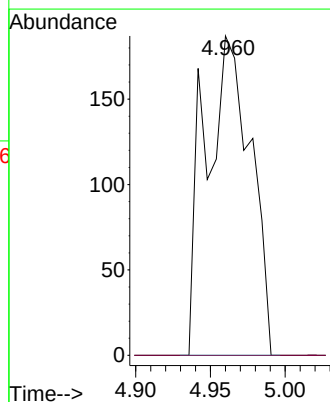
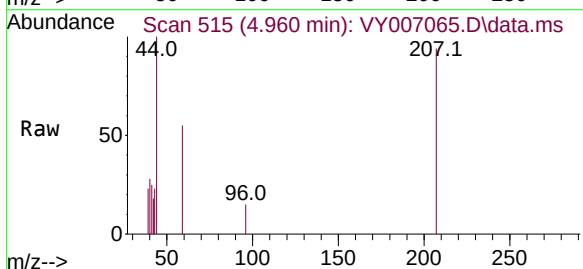
Instrument :
MSVOA_Y
ClientSampleId :

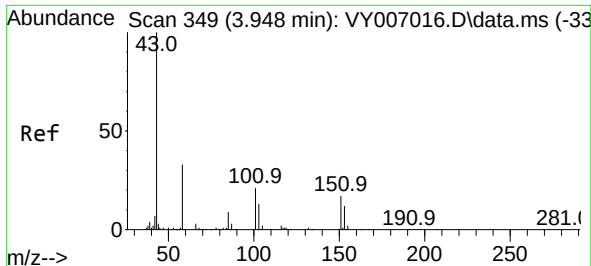
Tgt Ion:168 Resp: 96439
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#11
Tert butyl alcohol
Concen: 3.819 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

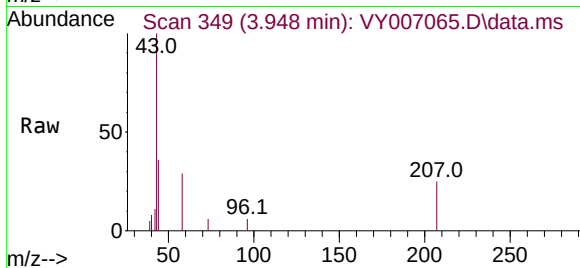
Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



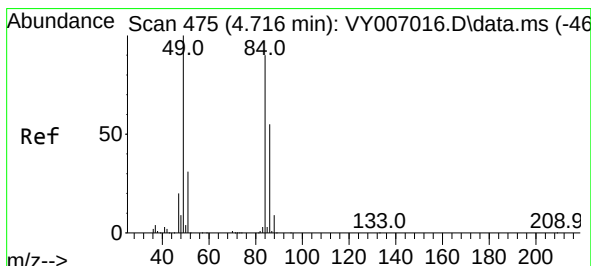
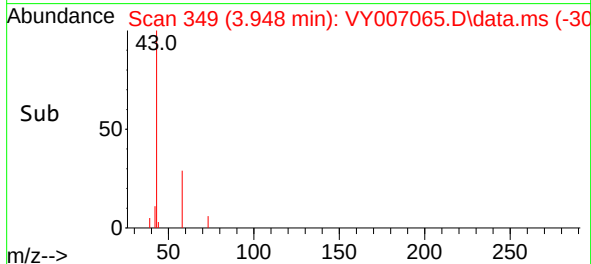
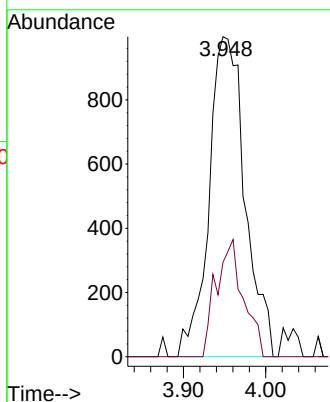


#16
Acetone
Concen: 12.097 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :

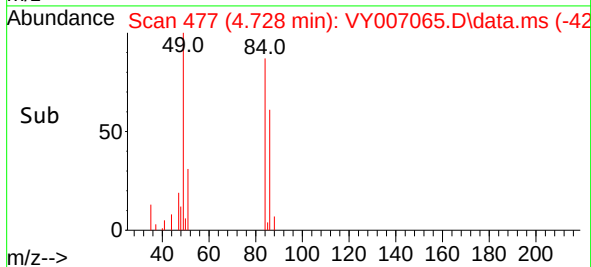
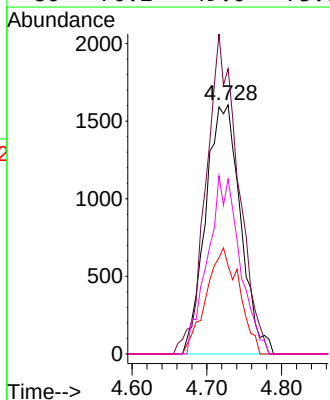
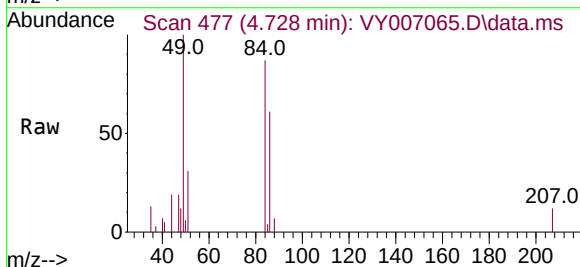


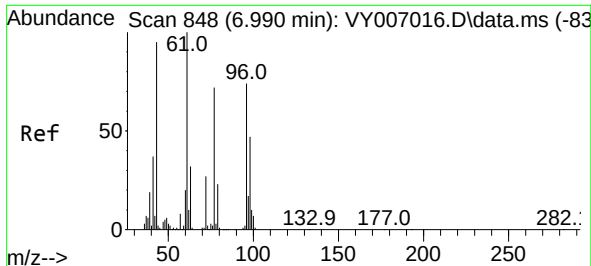
Tgt Ion: 43 Resp: 3034
Ion Ratio Lower Upper
43 100
58 29.5 26.3 39.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

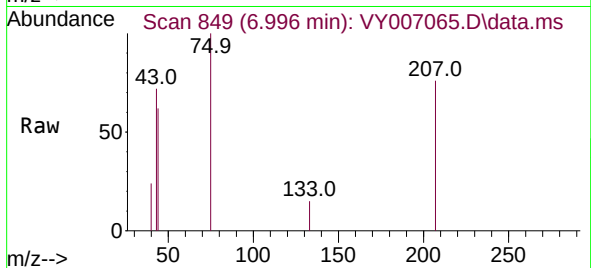
Tgt Ion: 84 Resp: 5220
Ion Ratio Lower Upper
84 100
49 114.5 89.4 134.0
51 35.4 27.7 41.5
86 70.2 49.0 73.6



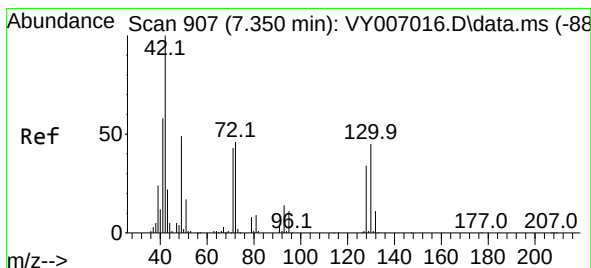
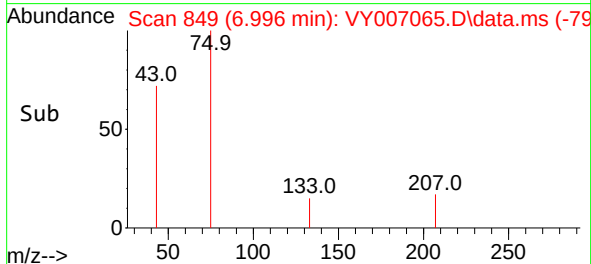
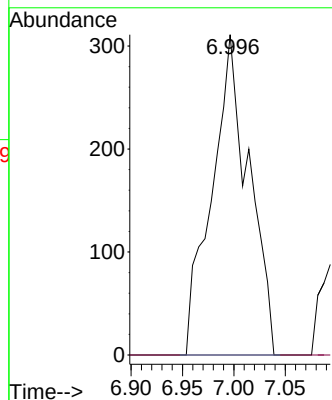


#25
2-Butanone
Concen: 2.163 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :

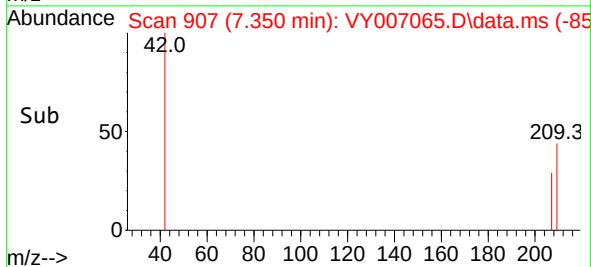
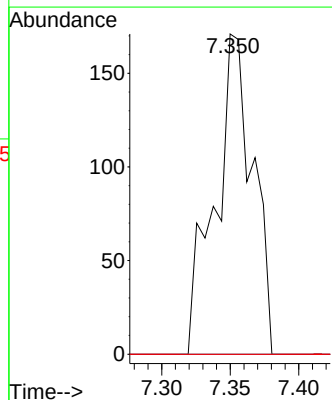
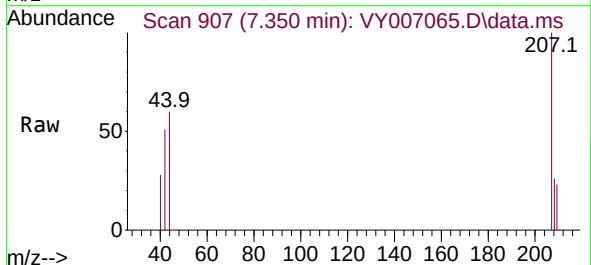


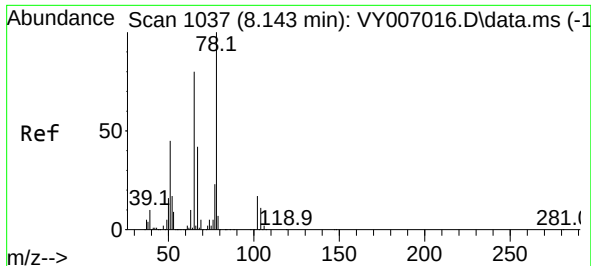
Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#29
Tetrahydrofuran
Concen: 1.223 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

Tgt Ion: 42 Resp: 328
Ion Ratio Lower Upper
42 100
72 0.0 37.1 55.7#
71 0.0 34.6 52.0#





#33

1,2-Dichloroethane-d4

Concen: 54.304 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007065.D

Acq: 07 Jan 2022 20:00

Instrument :

MSVOA_Y

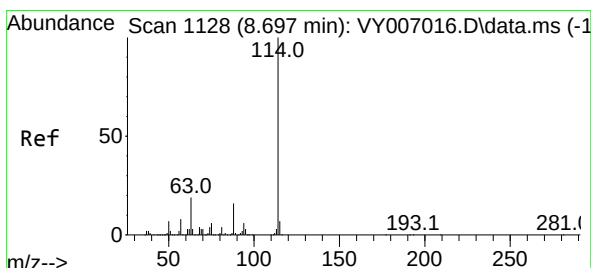
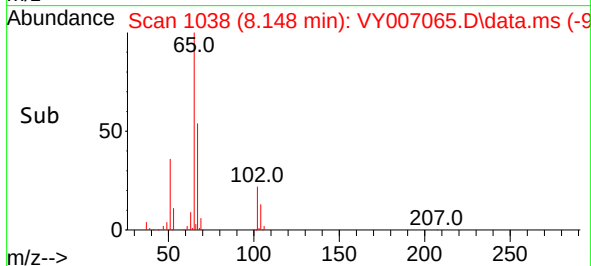
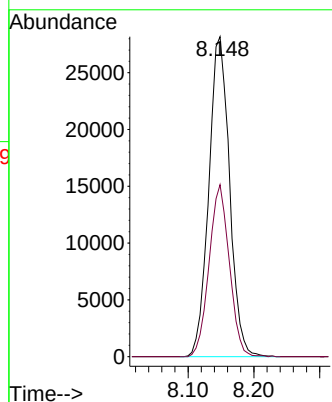
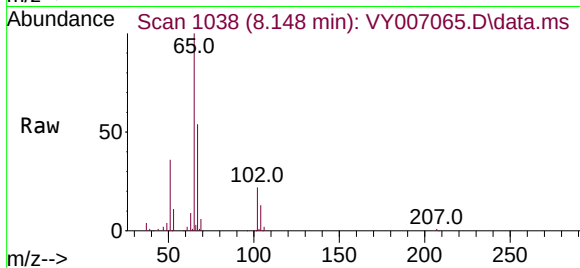
ClientSampleId :

Tgt Ion: 65 Resp: 61819

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007065.D

Acq: 07 Jan 2022 20:00

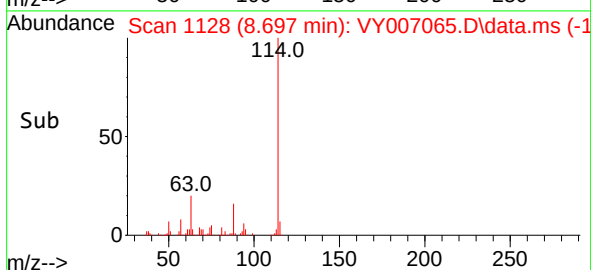
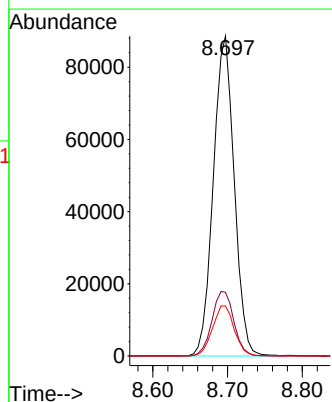
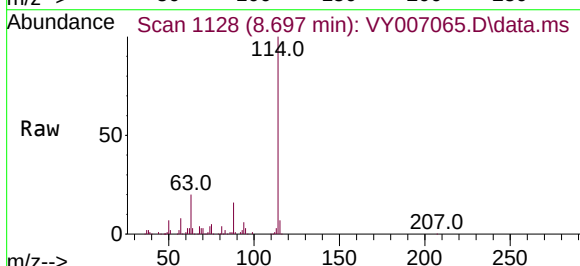
Tgt Ion: 114 Resp: 172678

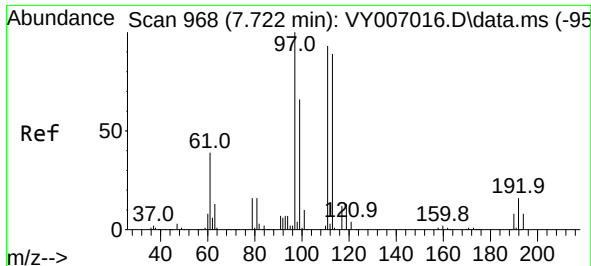
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.117 ug/l

RT: 7.722 min Scan# 91

Delta R.T. -0.000 min

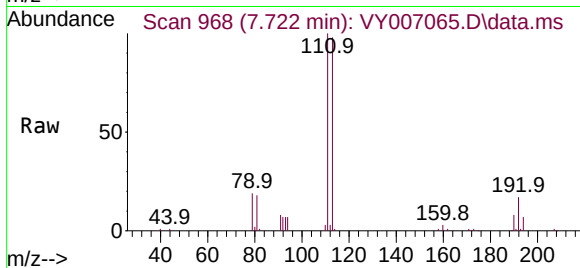
Lab File: VY007065.D

Acq: 07 Jan 2022 20:00

Instrument :

MSVOA_Y

ClientSampleId :



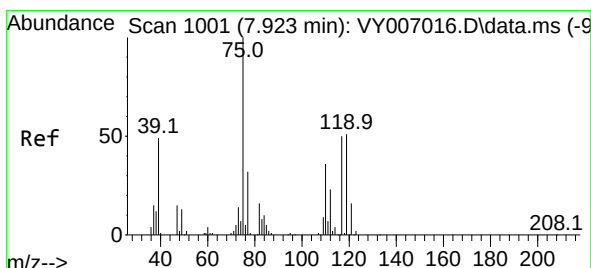
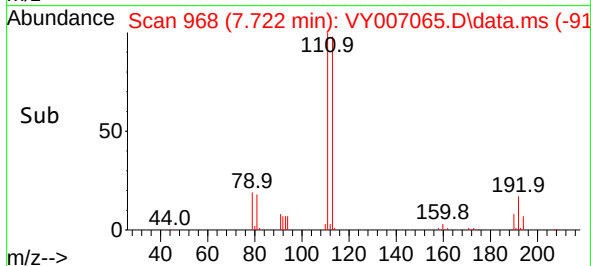
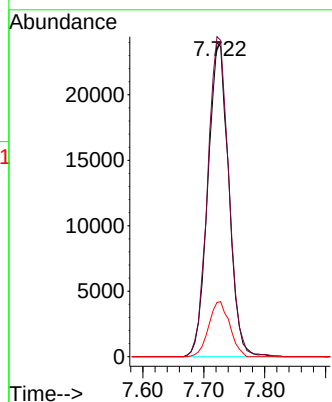
Tgt Ion:113 Resp: 56887

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.238 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007065.D

Acq: 07 Jan 2022 20:00

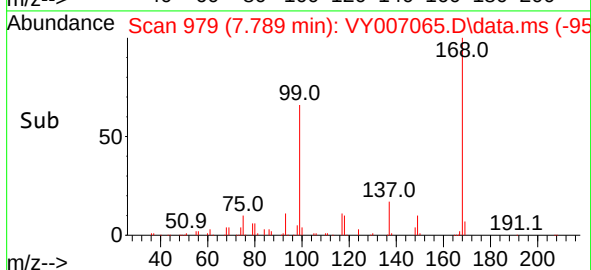
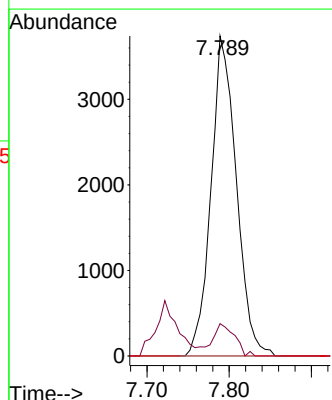
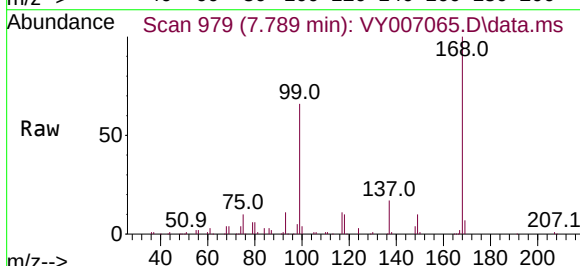
Tgt Ion: 75 Resp: 8017

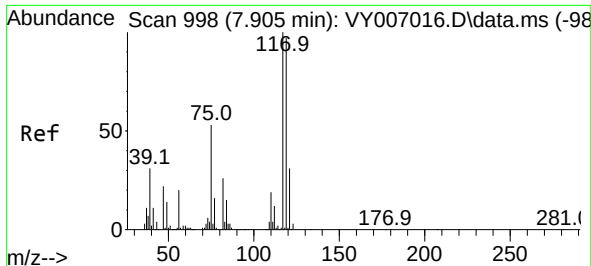
Ion Ratio Lower Upper

75 100

110 8.3 18.0 54.0#

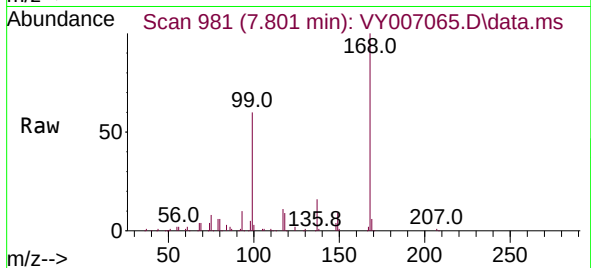
77 0.0 25.4 38.2#



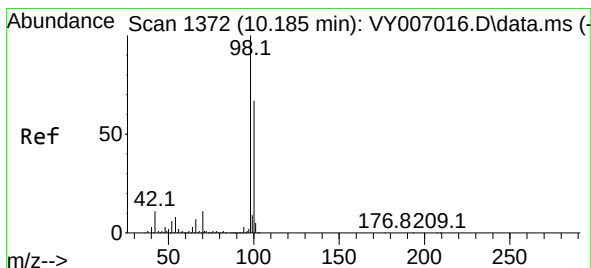
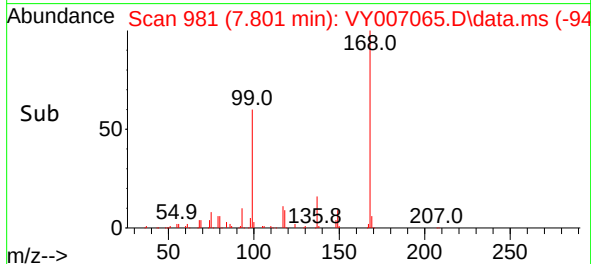
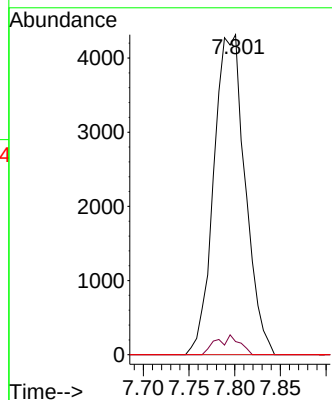


#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :

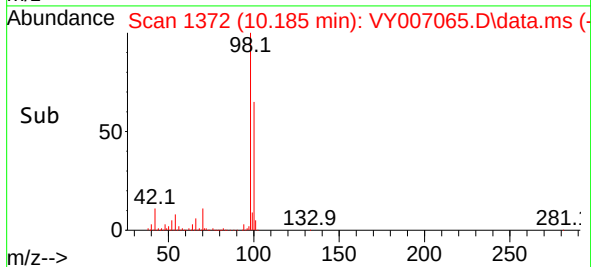
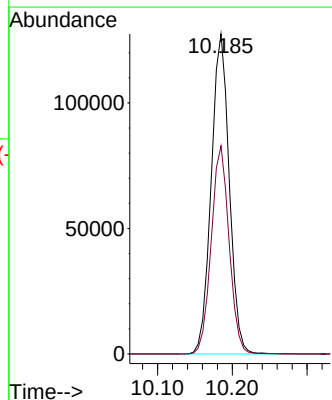
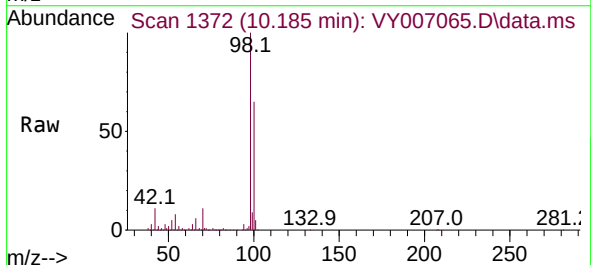


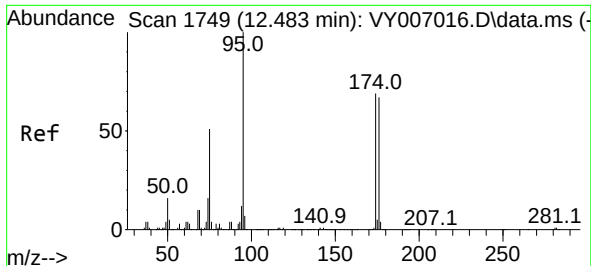
Tgt Ion:117 Resp: 10304
Ion Ratio Lower Upper
117 100
119 4.1 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

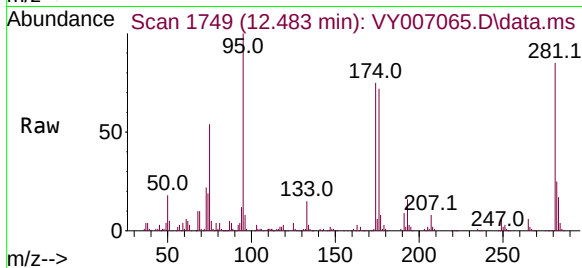
Tgt Ion: 98 Resp: 214000
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2



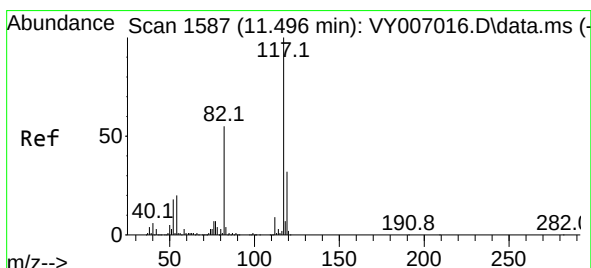
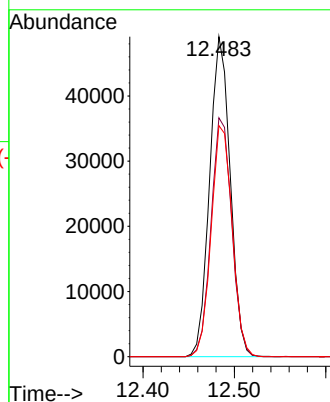
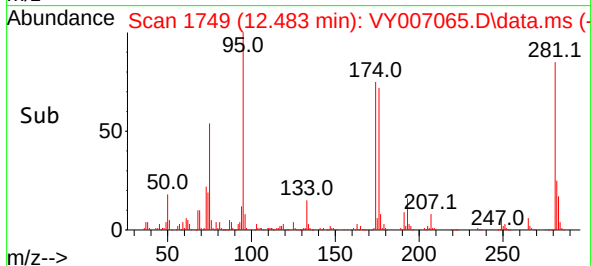


#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

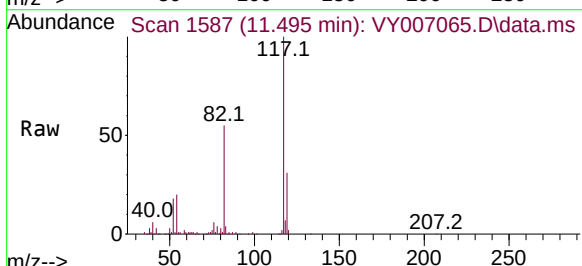
Instrument :
MSVOA_Y
ClientSampleId :



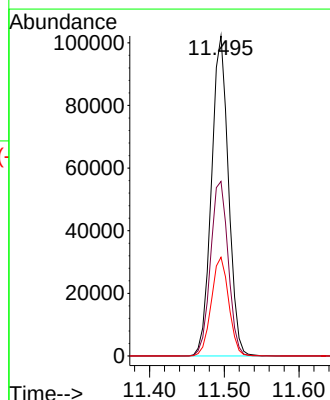
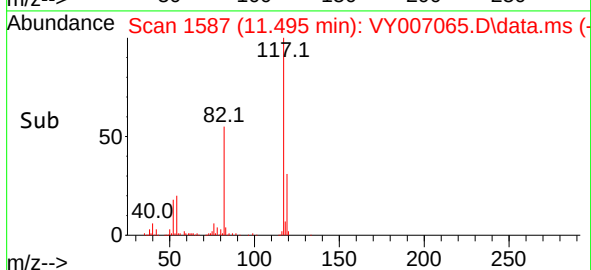
Tgt Ion: 95 Resp: 76773
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.6
176 73.6 0.0 141.0

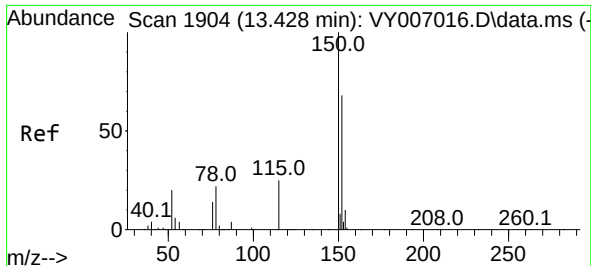


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00



Tgt Ion: 117 Resp: 161390
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 30.8 25.3 37.9

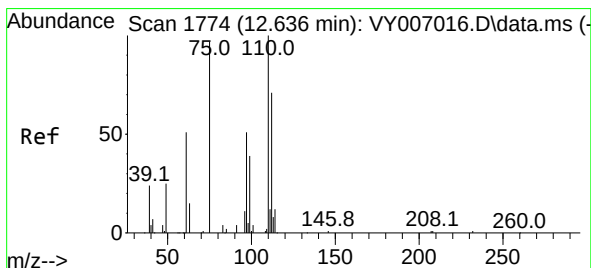
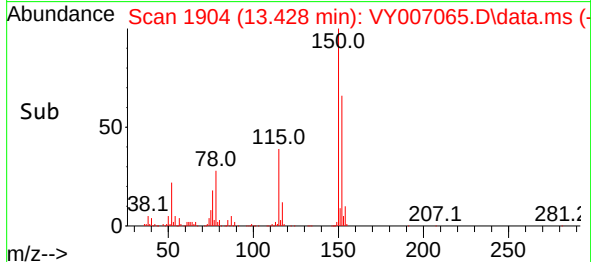
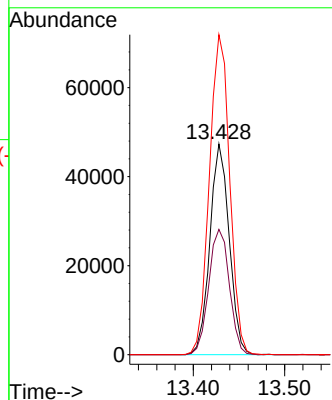
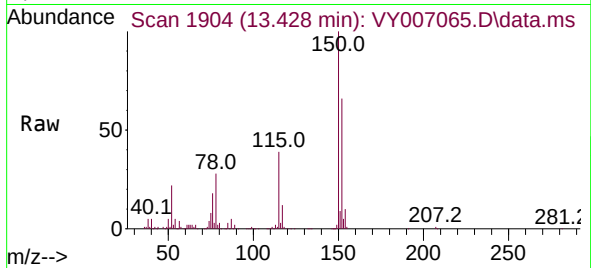




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007065.D
 Acq: 07 Jan 2022 20:00

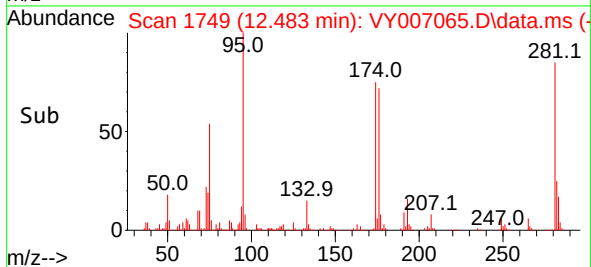
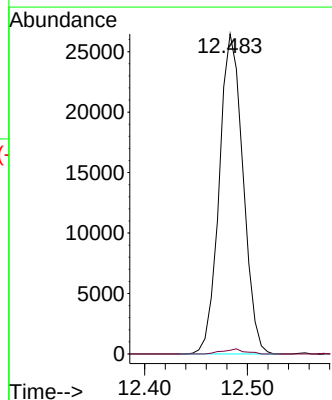
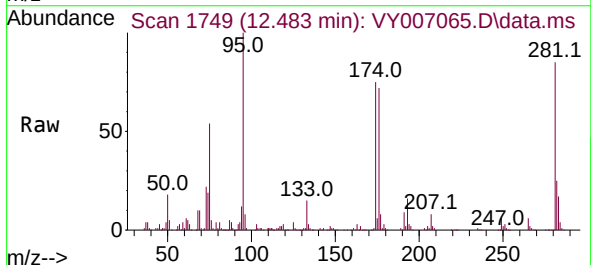
Instrument :
 MSVOA_Y
 ClientSampleId :

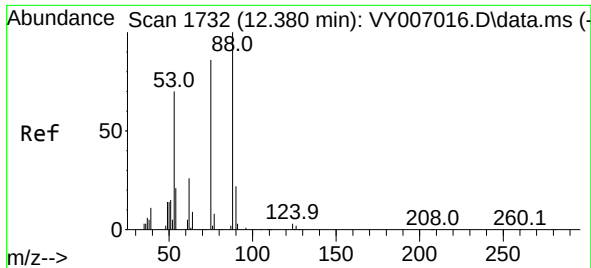
Tgt Ion:152 Resp: 69839
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.9 95.5
 150 159.1 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 48.268 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007065.D
 Acq: 07 Jan 2022 20:00

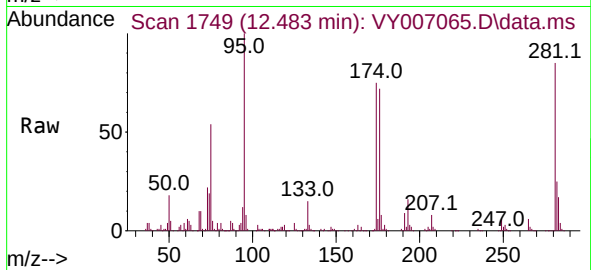
Tgt Ion: 75 Resp: 42461
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.158 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007065.D
Acq: 07 Jan 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 42461
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 2.4 0.0 0.0#

