

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008455.D
 Acq On : 22 Apr 2022 10:52
 Operator : KP/MD
 Sample : VY0422SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:50:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

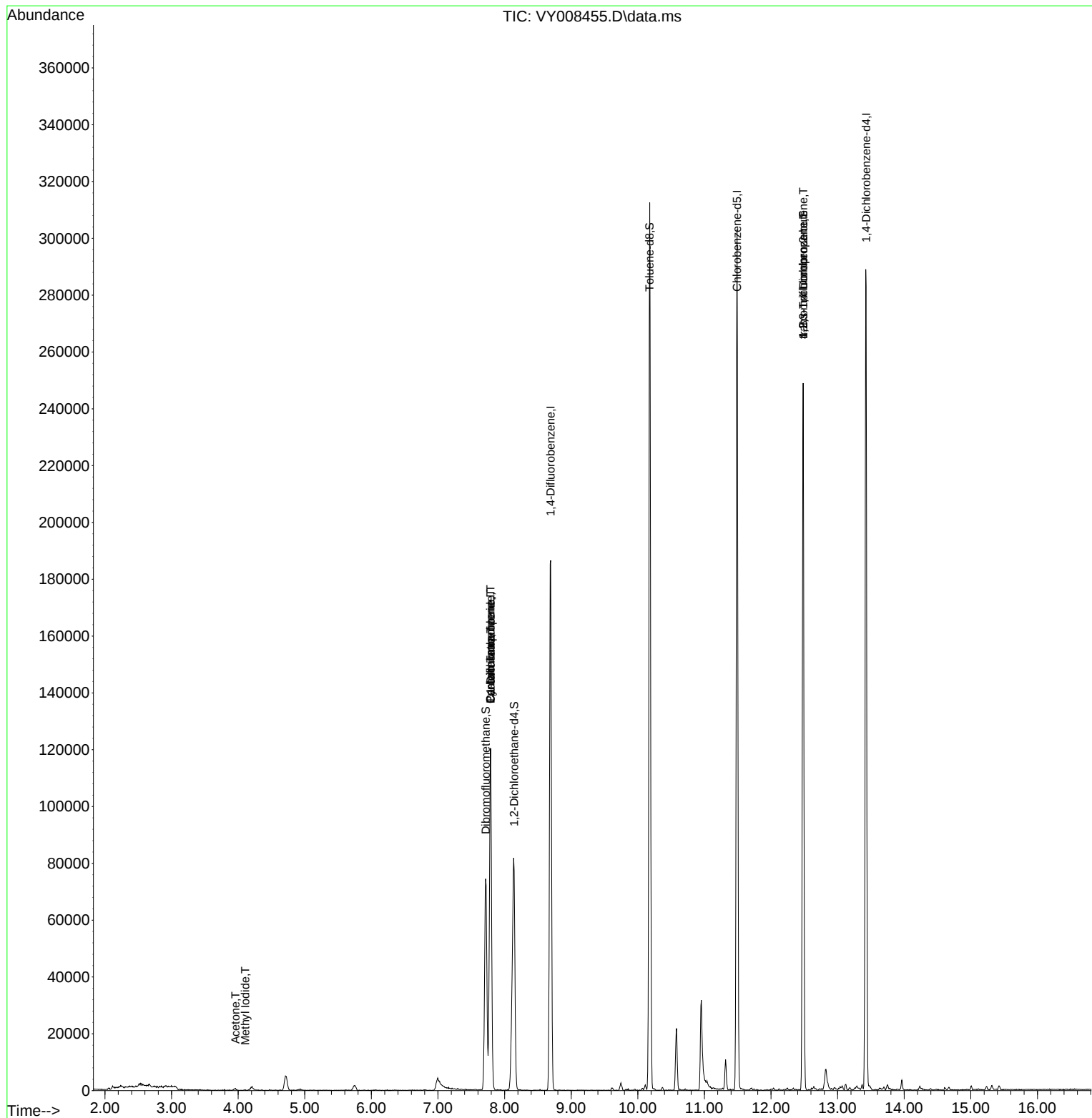
Internal Standards						
1) Pentafluorobenzene	7.789	168	92516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52165	47.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.716	113	53717	49.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.179	98	206359	47.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.483	95	70022	47.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.880%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	181	1.817	ug/l #	35
11) Tert butyl alcohol	4.936	59	420	Below Cal	#	77
16) Acetone	3.960	43	999	3.940	ug/l	94
20) Methylene Chloride	4.710	84	4247	Below Cal	#	79
31) Cyclohexane	7.789	56	2098	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7224	4.143	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9582	5.289	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	38026	39.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38026	90.913	ug/l #	7

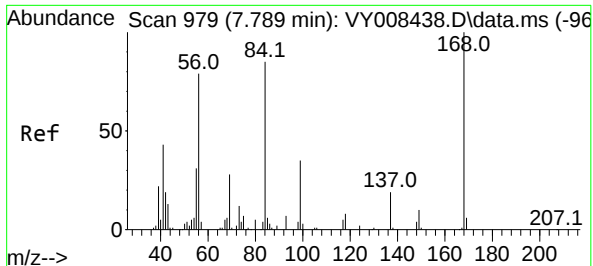
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

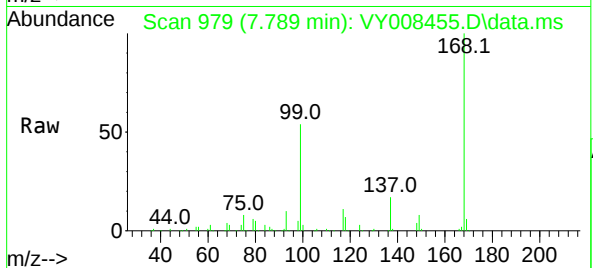
Quant Time: Apr 23 01:50:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
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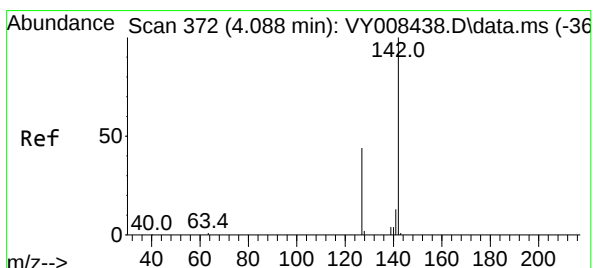
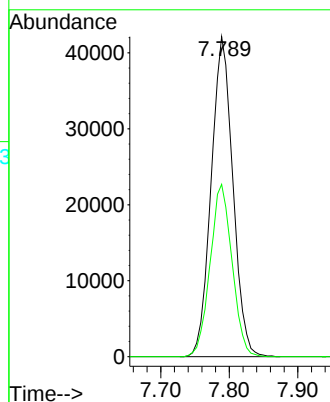
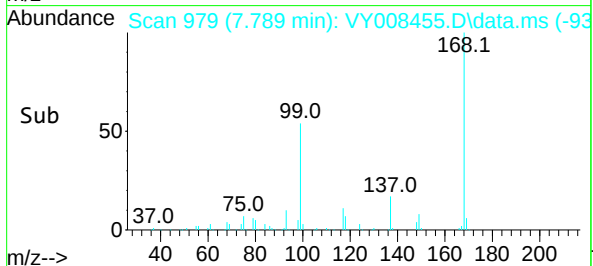


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Instrument :
MSVOA_Y
ClientSampleId :

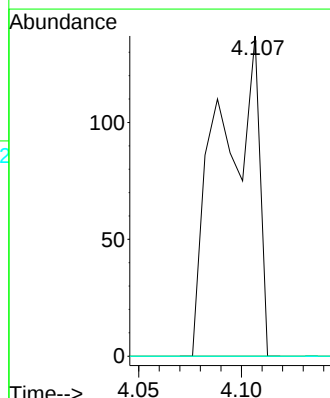
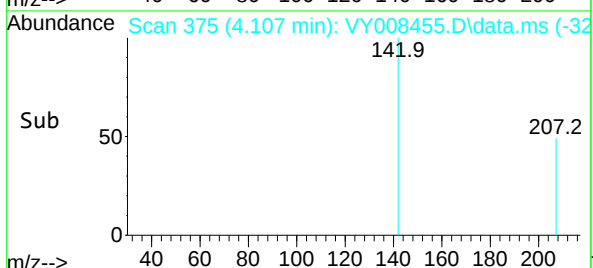
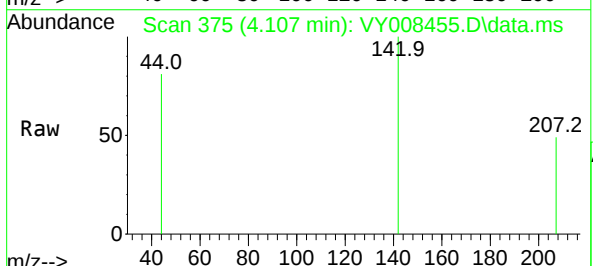


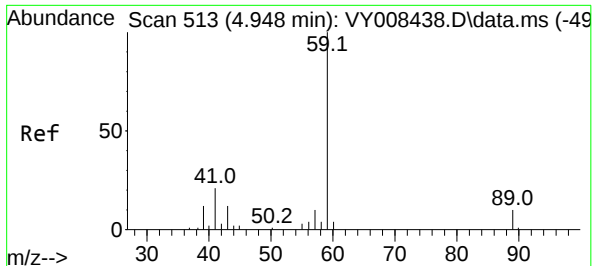
Tgt Ion:168 Resp: 92516
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.817 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

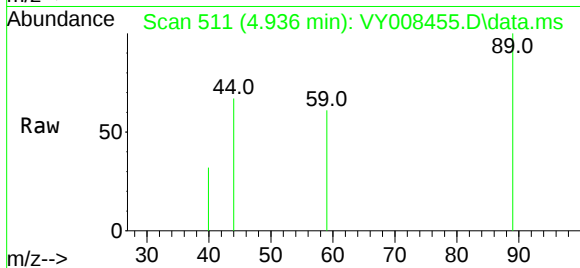
Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



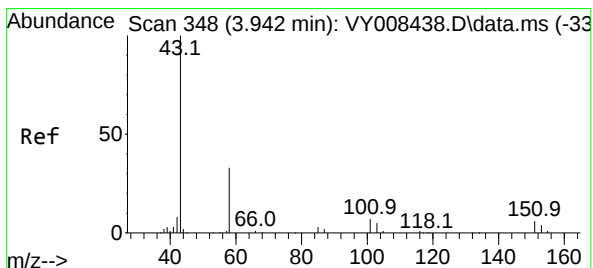
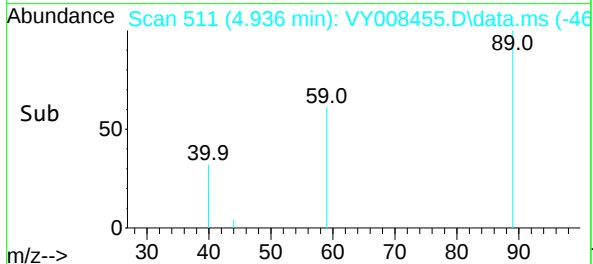
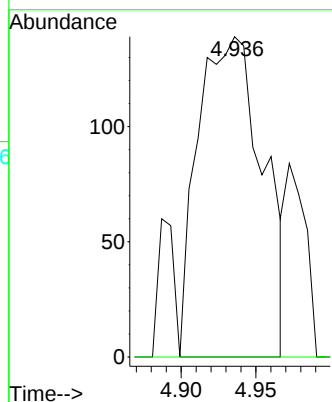


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Instrument :
MSVOA_Y
ClientSampleId :

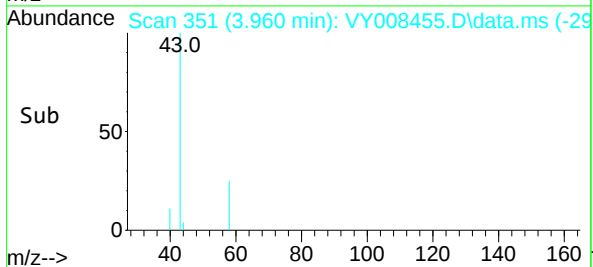
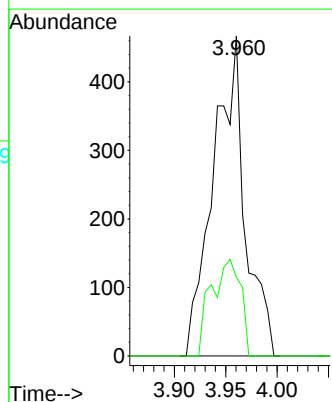
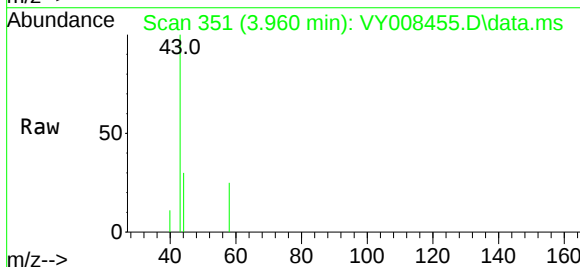


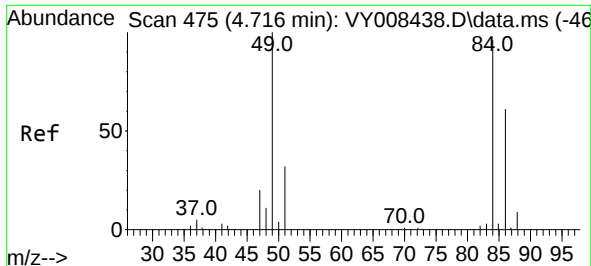
Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.940 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

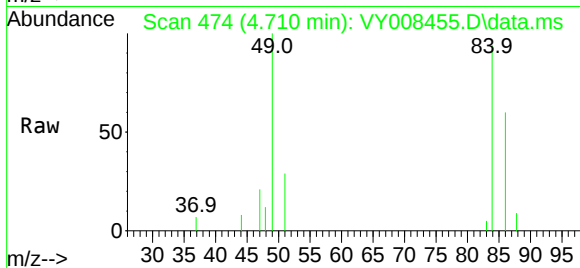
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 24.6 22.0 33.0





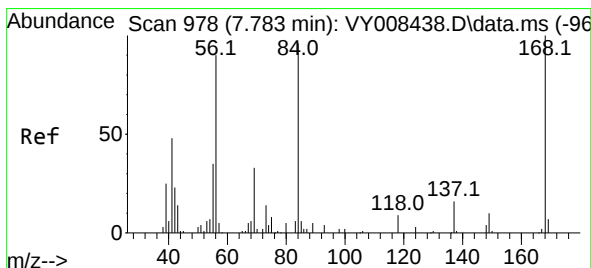
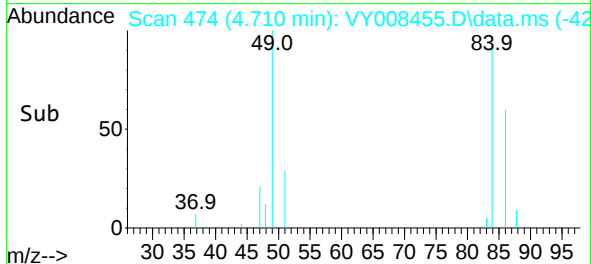
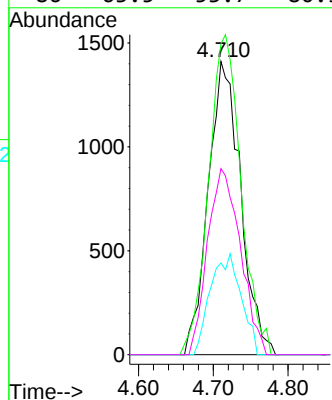
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4247

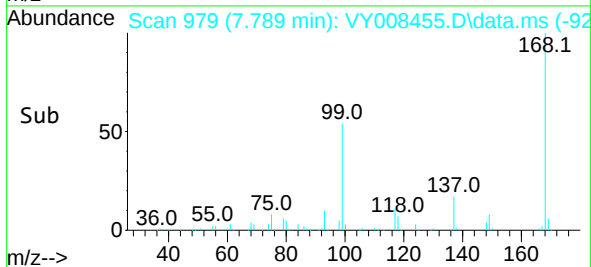
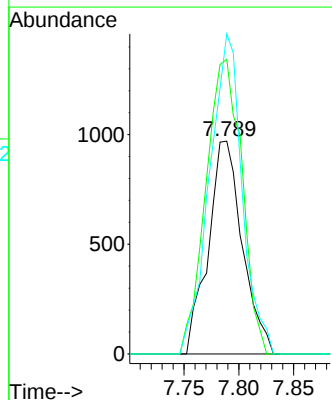
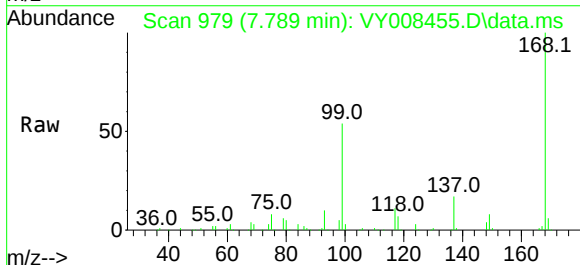
Ion	Ratio	Lower	Upper
84	100		
49	106.0	114.4	171.6#
51	31.3	35.3	52.9#
86	63.5	53.7	80.5

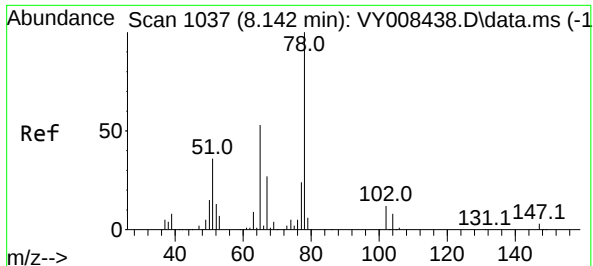


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Tgt Ion: 56 Resp: 2098

Ion	Ratio	Lower	Upper
56	100		
69	138.6	26.7	40.1#
84	150.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 47.921 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008455.D

Acq: 22 Apr 2022 10:52

Instrument :

MSVOA_Y

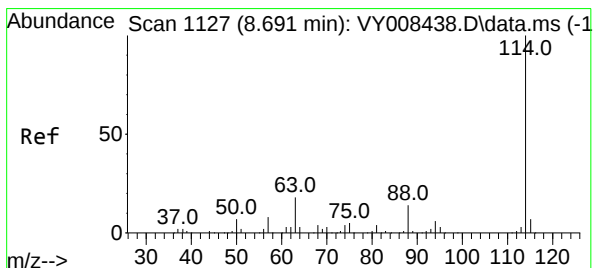
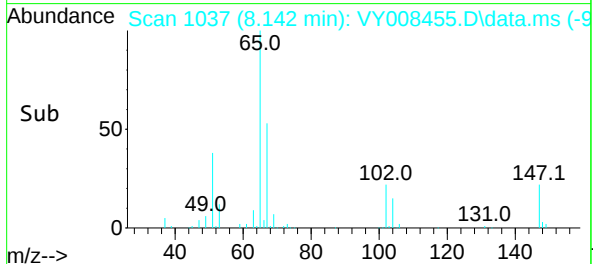
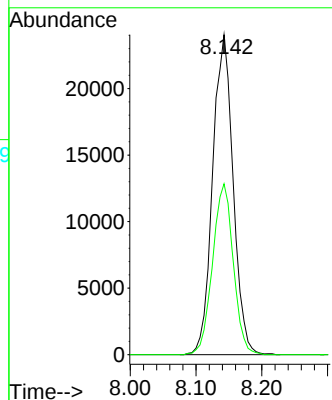
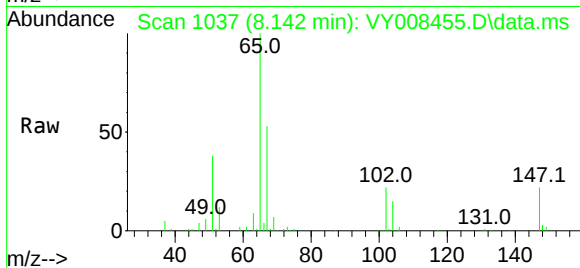
ClientSampleId :

Tgt Ion: 65 Resp: 52165

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008455.D

Acq: 22 Apr 2022 10:52

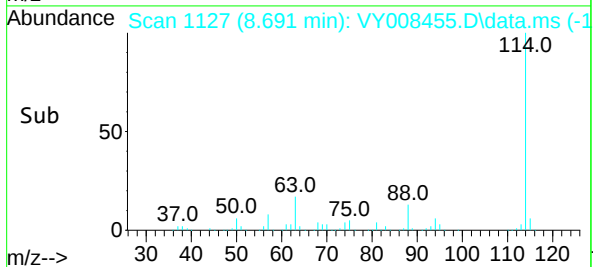
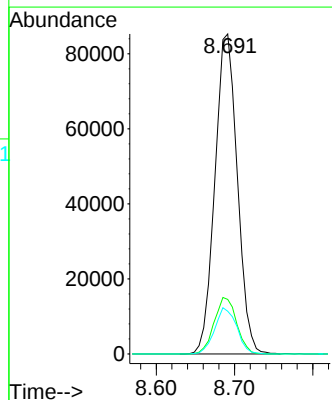
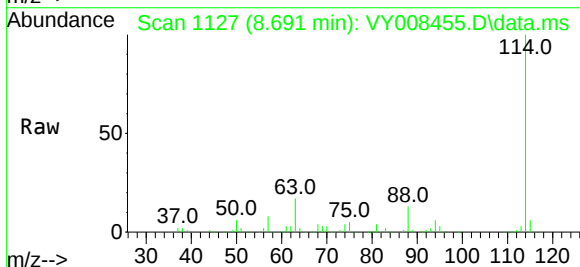
Tgt Ion: 114 Resp: 169842

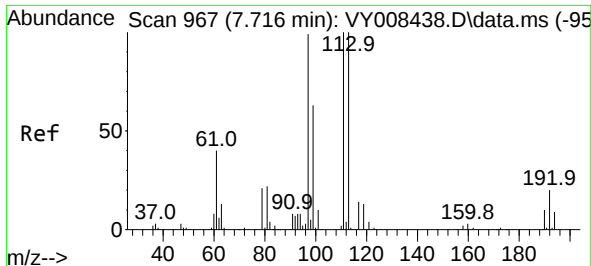
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

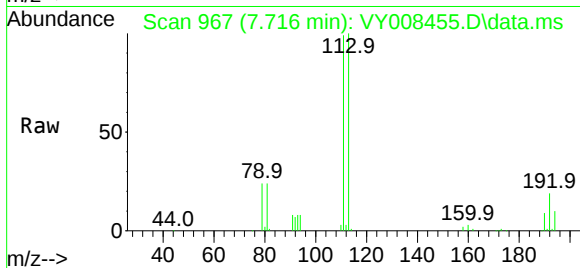
88 13.3 0.0 31.8



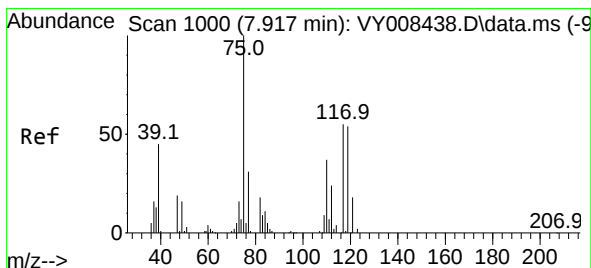
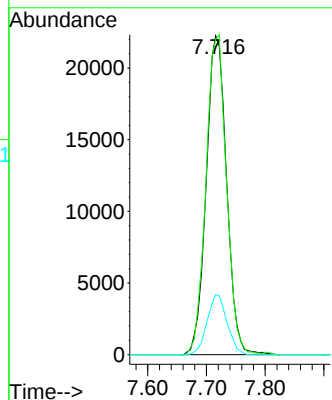
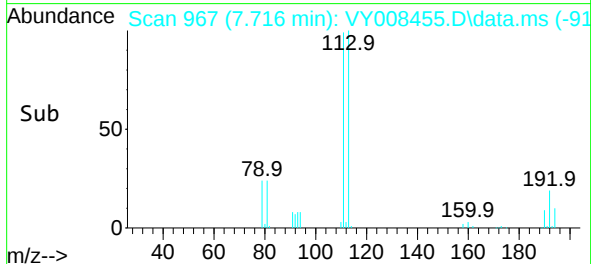


#35
Dibromofluoromethane
Concen: 49.006 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

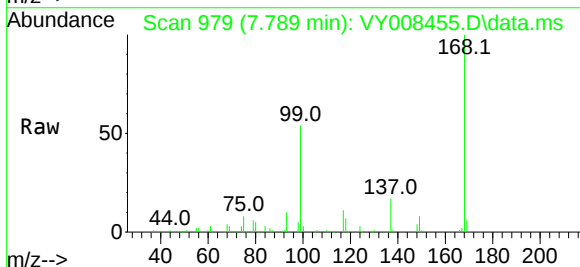
Instrument :
MSVOA_Y
ClientSampleId :



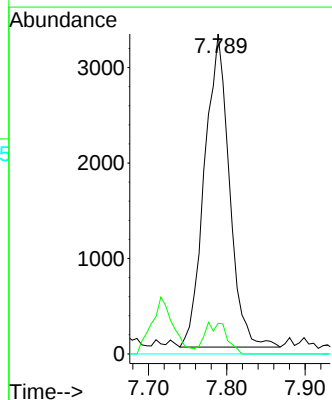
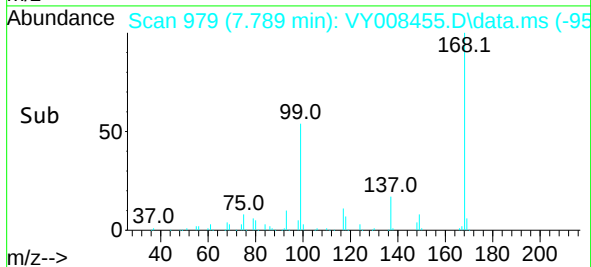
Tgt Ion:113 Resp: 53717
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 18.3 17.6 26.4

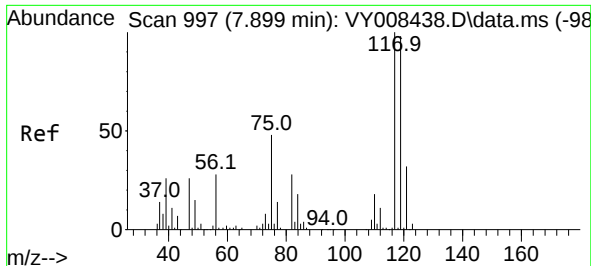


#36
1,1-Dichloropropene
Concen: 4.143 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52



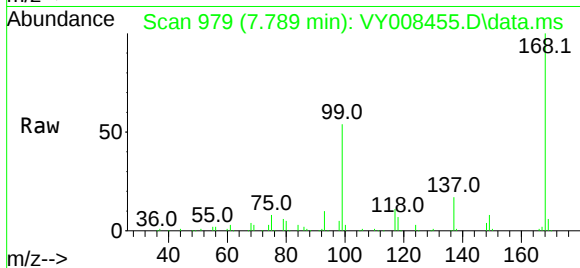
Tgt Ion: 75 Resp: 7224
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



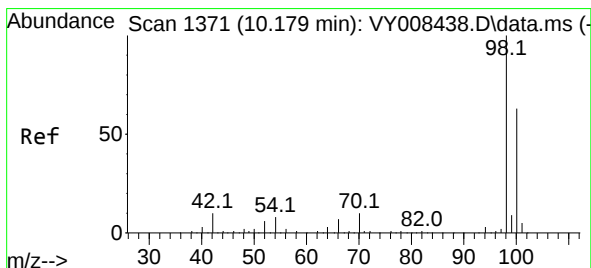
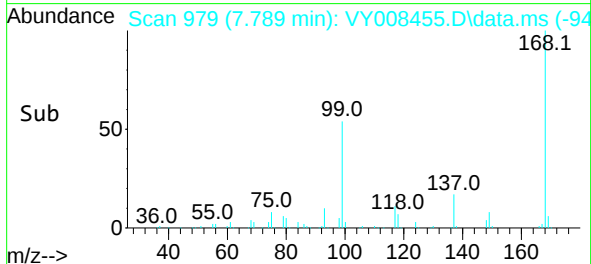
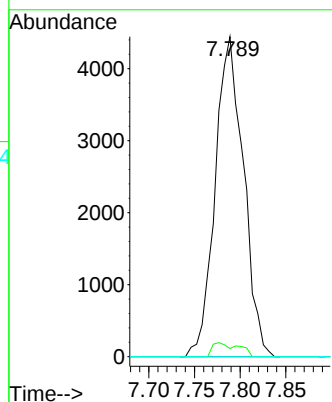


#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Instrument :
MSVOA_Y
ClientSampleId :

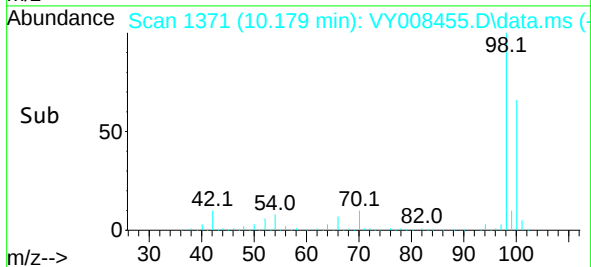
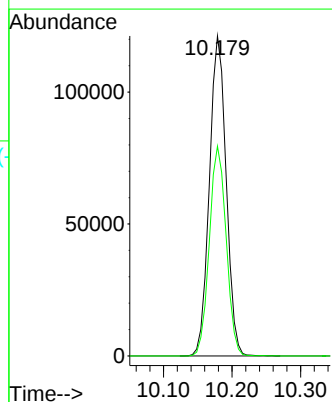
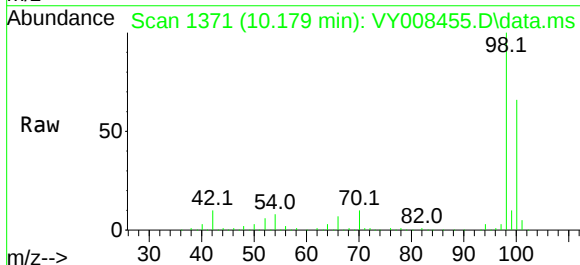


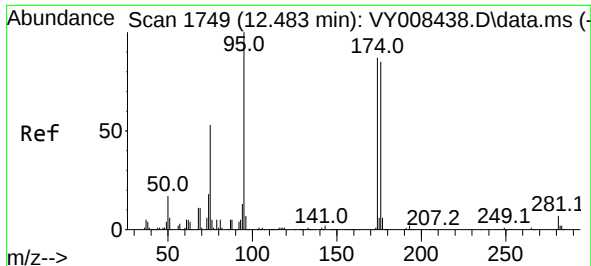
Tgt Ion:117 Resp: 9582
Ion Ratio Lower Upper
117 100
119 2.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.360 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Tgt Ion: 98 Resp: 206359
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

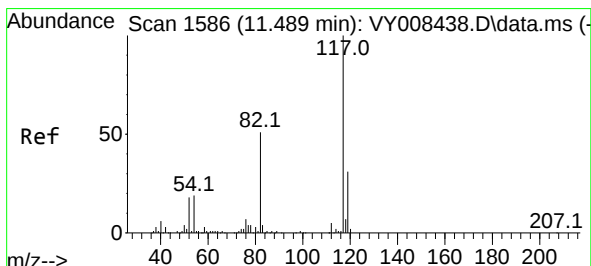
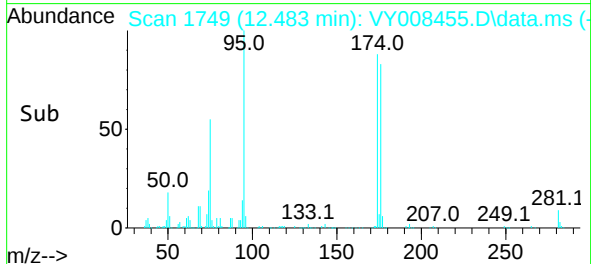
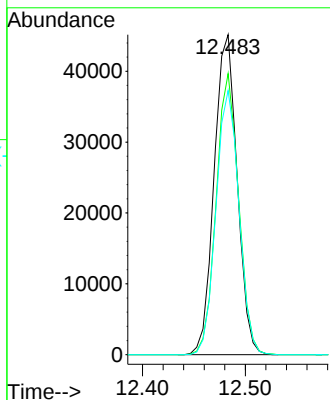
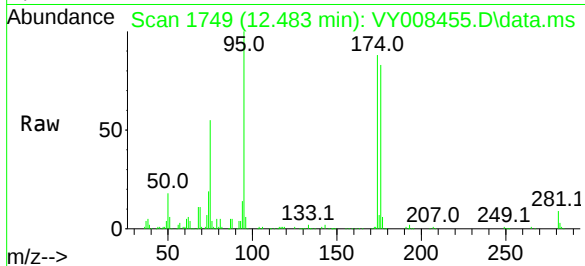




#62
4-Bromofluorobenzene
Concen: 47.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

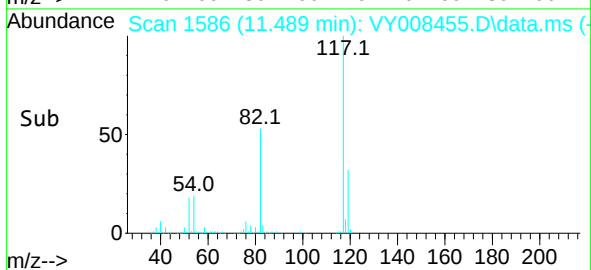
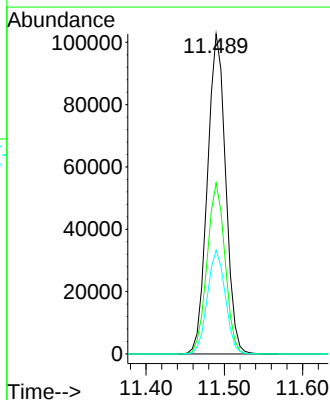
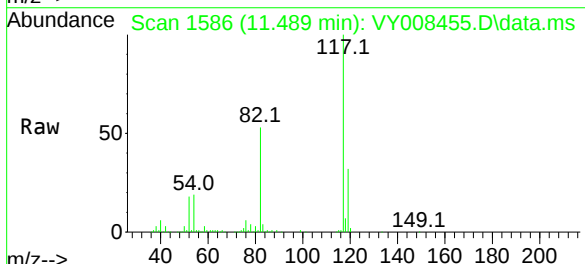
Instrument :
MSVOA_Y
ClientSampleId :

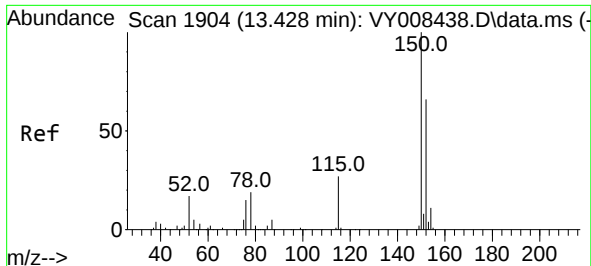
Tgt Ion: 95 Resp: 70022
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008455.D
Acq: 22 Apr 2022 10:52

Tgt Ion: 117 Resp: 165786
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.4 25.4 38.0

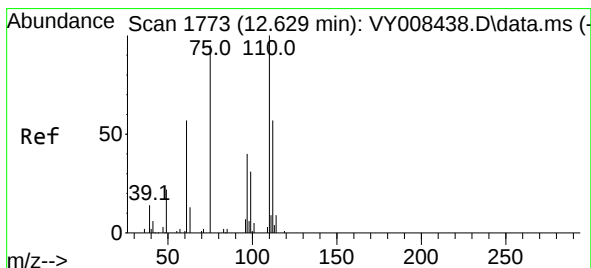
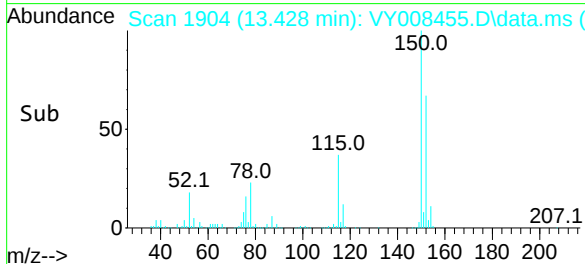
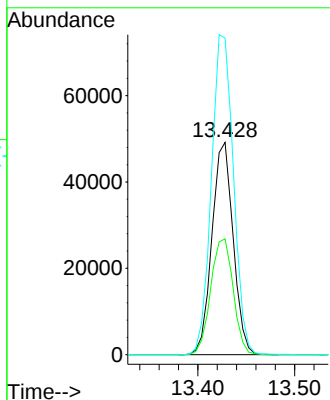
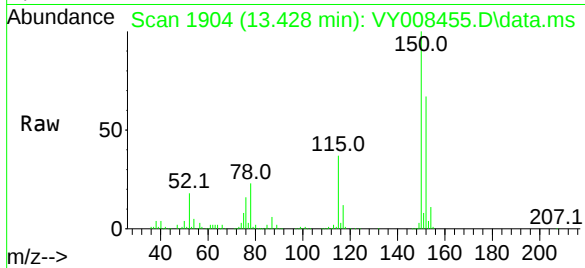




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008455.D
 Acq: 22 Apr 2022 10:52

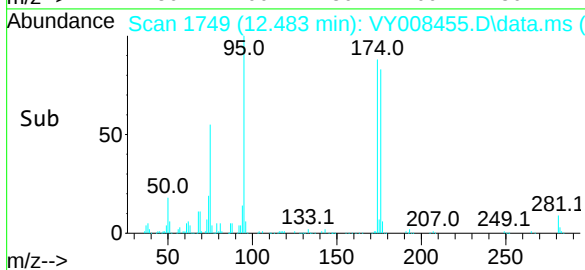
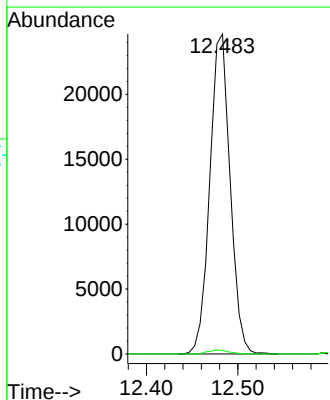
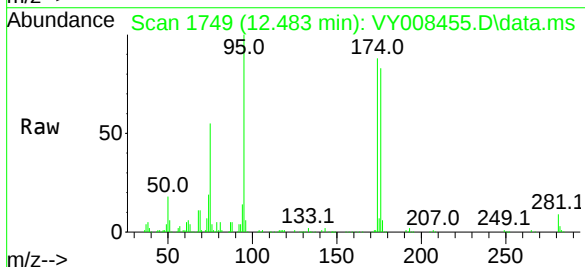
Instrument :
 MSVOA_Y
 ClientSampleId :

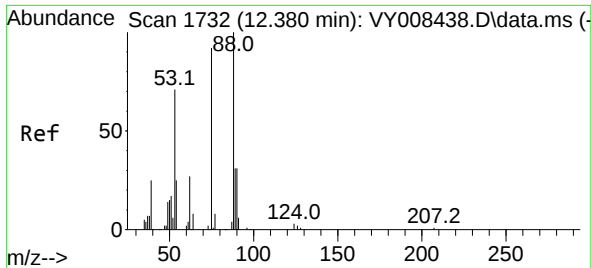
Tgt Ion:152 Resp: 74978
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.188 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008455.D
 Acq: 22 Apr 2022 10:52

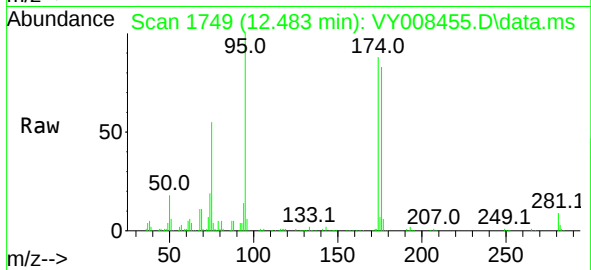
Tgt Ion: 75 Resp: 38026
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.913 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008455.D
 Acq: 22 Apr 2022 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 38026
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

