

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007041.D
 Acq On : 06 Jan 2022 18:39
 Operator : SY/MD
 Sample : N1052-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:49:04 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)

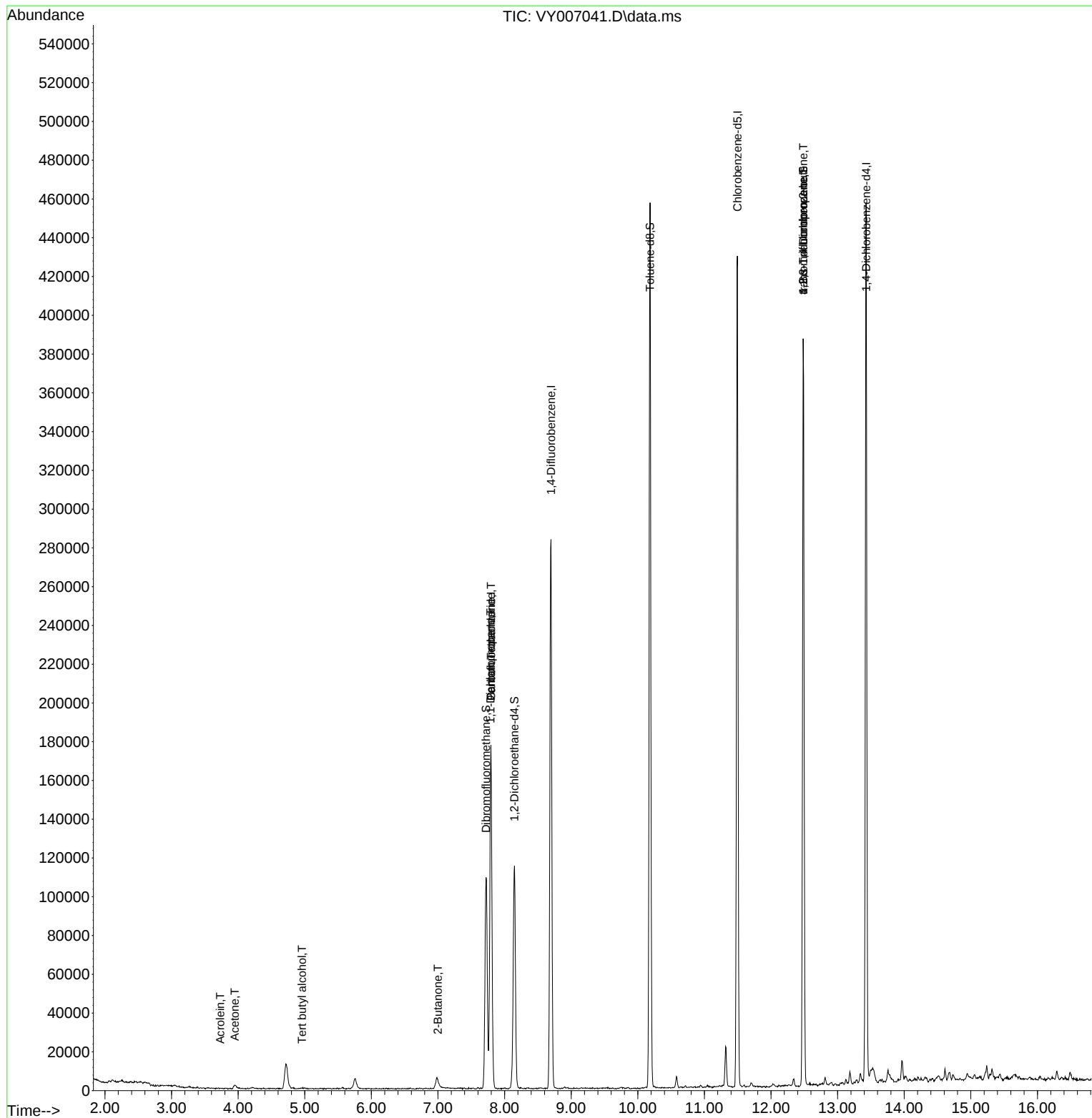
Internal Standards						
1) Pentafluorobenzene	7.795	168	130987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	236220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93107	60.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.440%	
35) Dibromofluoromethane	7.722	113	81365	49.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.185	98	303762	50.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.483	95	116405	51.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	675	4.841	ug/l #	71
13) Acrolein	3.729	56	55	1.275	ug/l #	1
16) Acetone	3.948	43	3882	11.396	ug/l	95
20) Methylene Chloride	4.716	84	10406	Below Cal		96
25) 2-Butanone	6.996	43	835	1.702	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	10625	3.914	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14130	4.976	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	59796	42.957	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59796	78.459	ug/l #	4

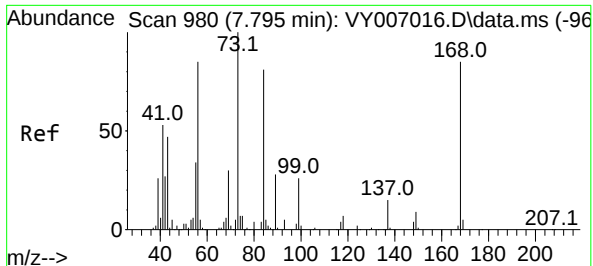
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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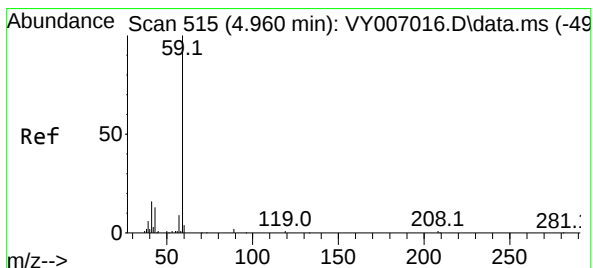
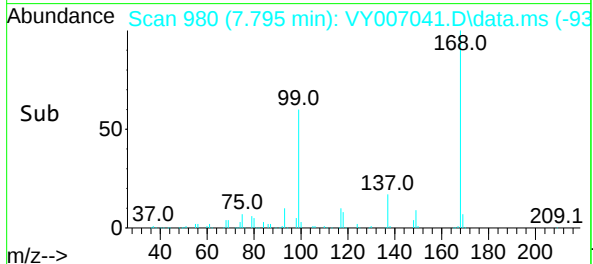
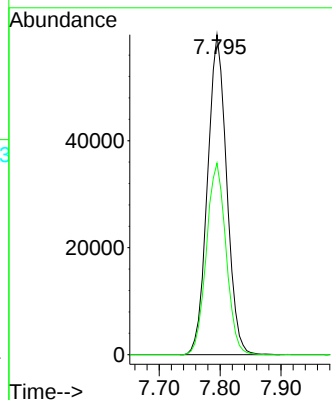
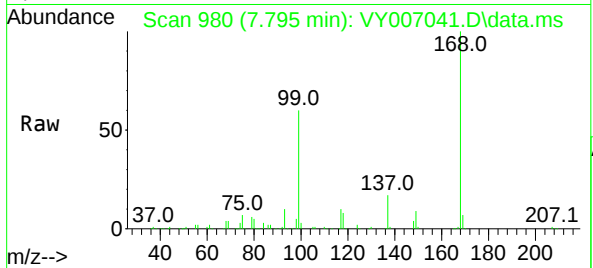




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

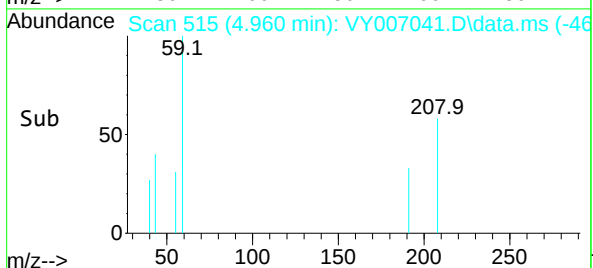
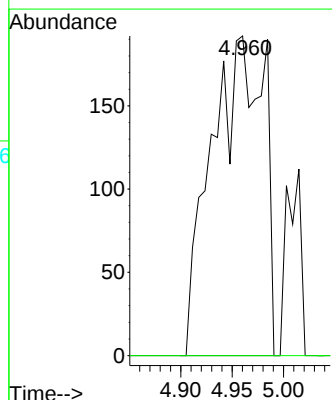
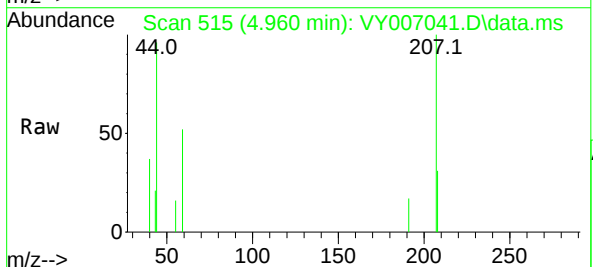
Instrument :
MSVOA_Y
ClientSampleId :

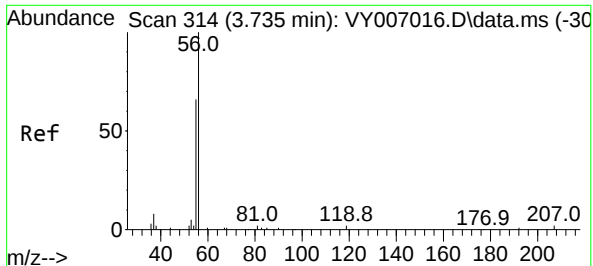
Tgt Ion:168 Resp: 130987
Ion Ratio Lower Upper
168 100
99 59.9 48.9 73.3



#11
Tert butyl alcohol
Concen: 4.841 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

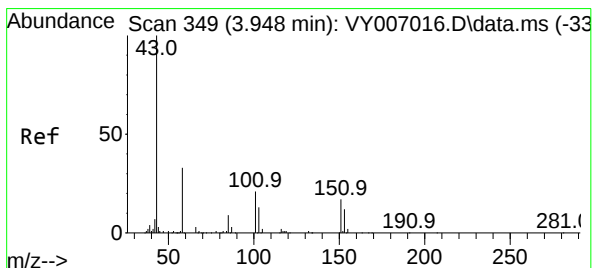
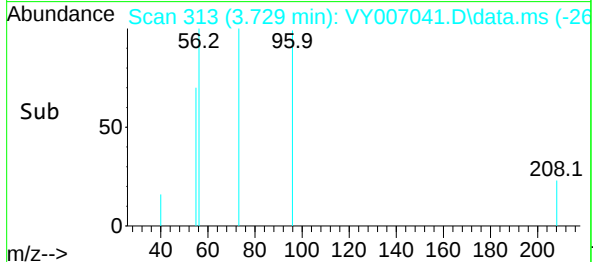
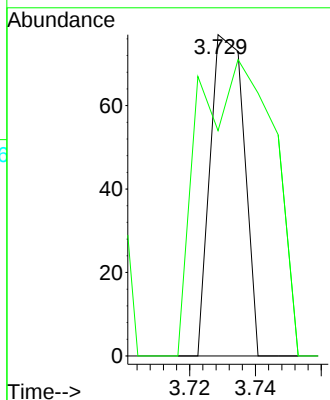
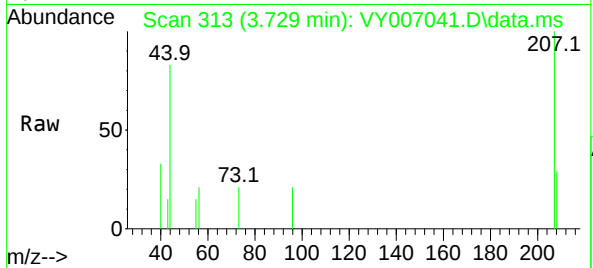




#13
Acrolein
Concen: 1.275 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

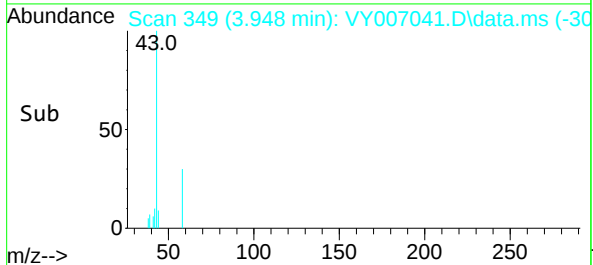
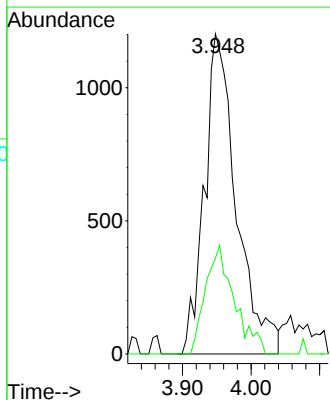
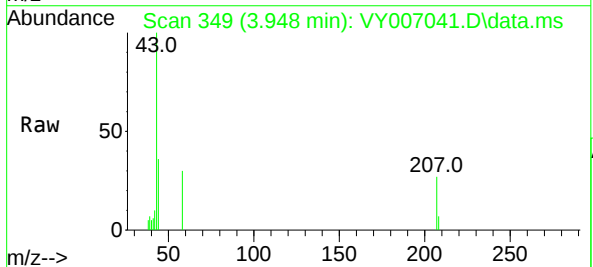
Instrument :
MSVOA_Y
ClientSampleId :

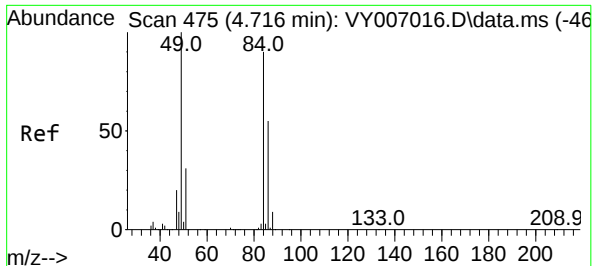
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 205.5 54.6 82.0#



#16
Acetone
Concen: 11.396 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

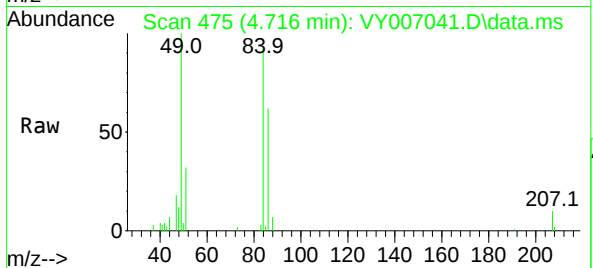
Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
58 30.0 26.3 39.5



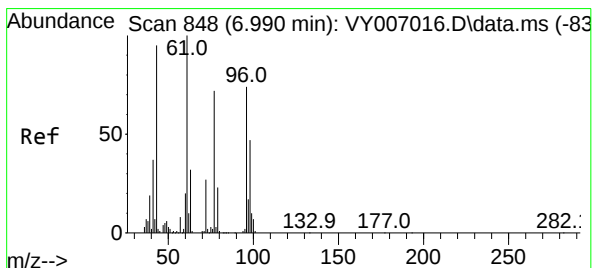
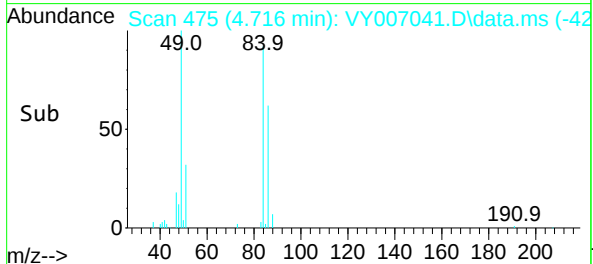
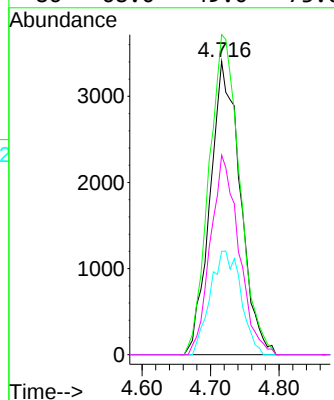


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :

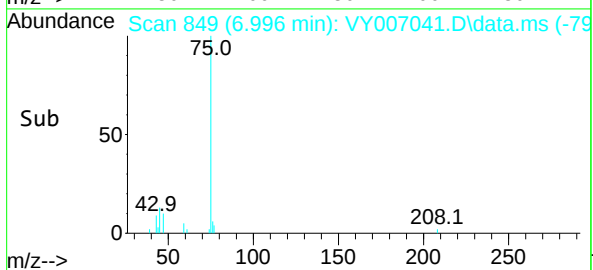
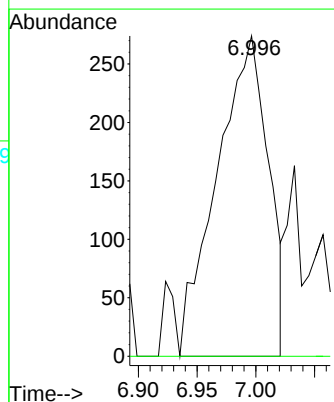
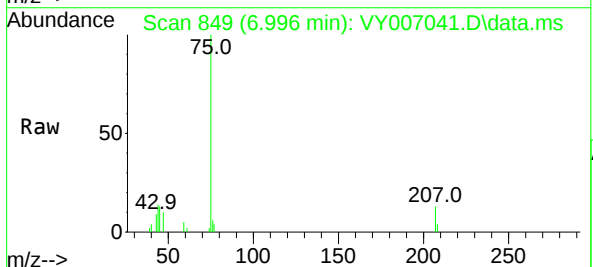


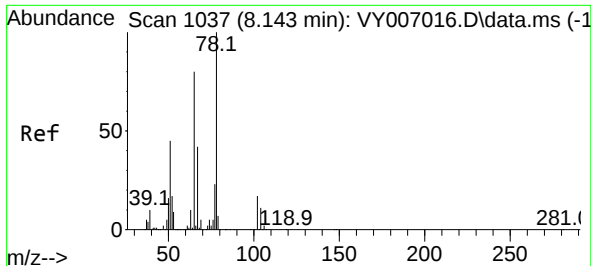
Tgt Ion: 84 Resp: 10406
Ion Ratio Lower Upper
84 100
49 109.1 89.4 134.0
51 35.3 27.7 41.5
86 68.0 49.0 73.6



#25
2-Butanone
Concen: 1.702 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 60.217 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY007041.D

Acq: 06 Jan 2022 18:39

Instrument :

MSVOA_Y

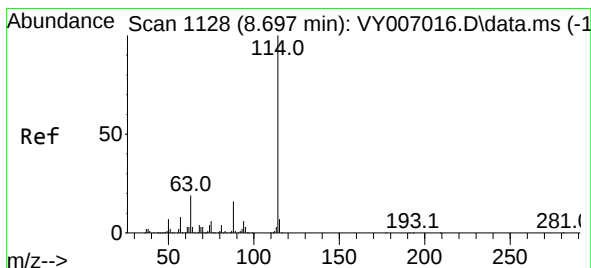
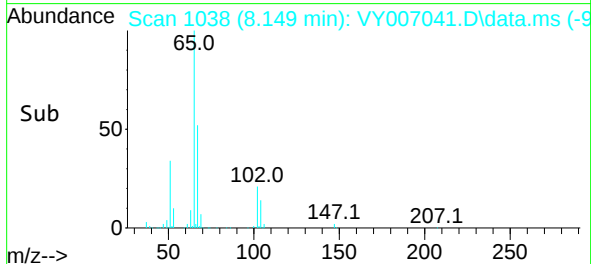
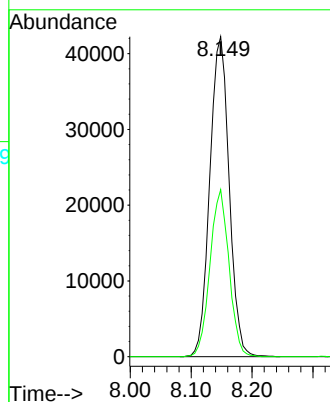
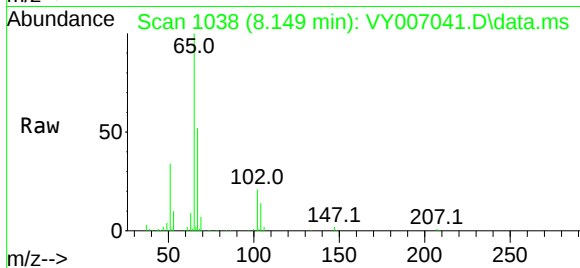
ClientSampleId :

Tgt Ion: 65 Resp: 93107

Ion Ratio Lower Upper

65 100

67 51.4 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: VY007041.D

Acq: 06 Jan 2022 18:39

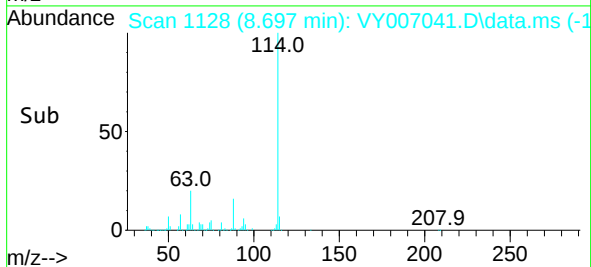
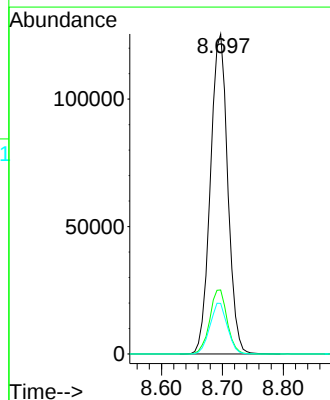
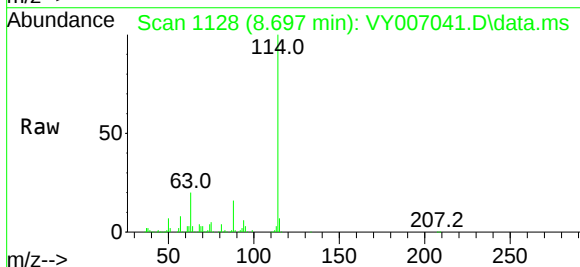
Tgt Ion: 114 Resp: 247804

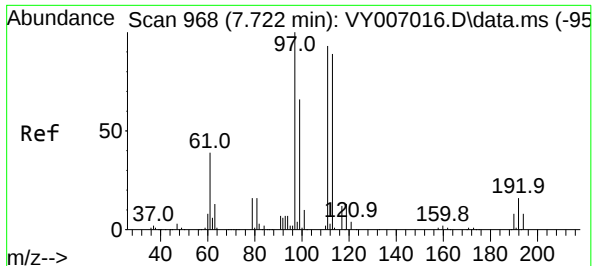
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 15.8 0.0 31.8

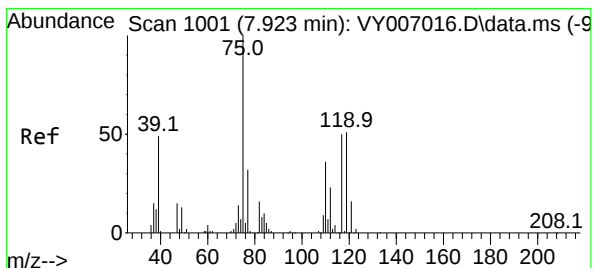
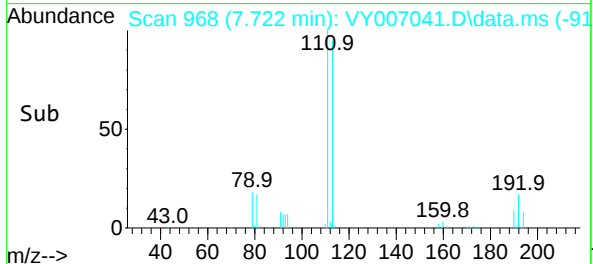
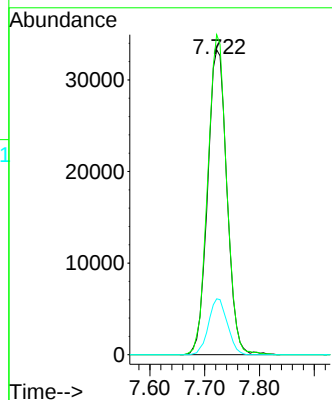
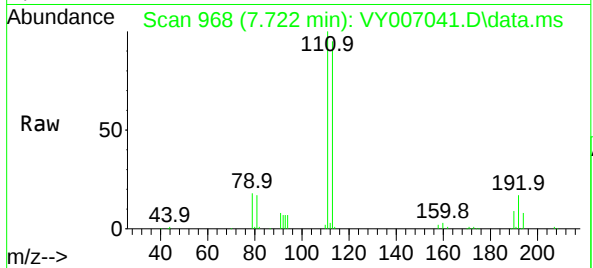




#35
Dibromofluoromethane
Concen: 49.950 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

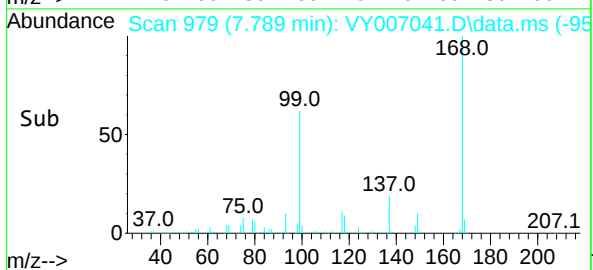
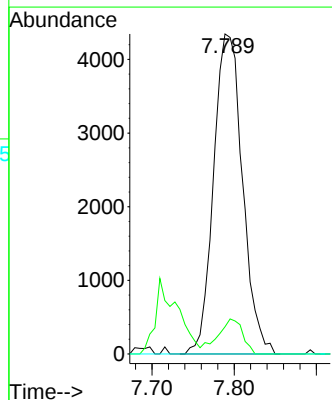
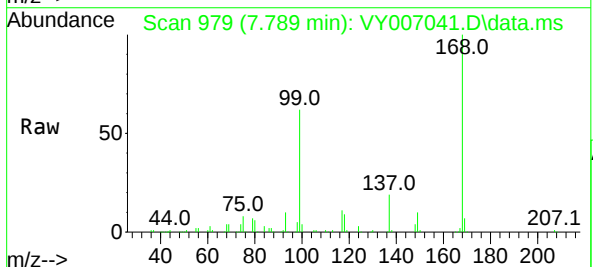
Instrument :
MSVOA_Y
ClientSampleId :

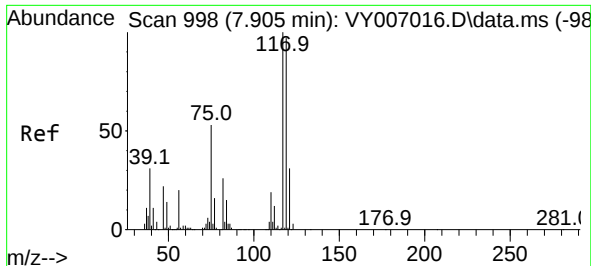
Tgt Ion:113 Resp: 81365
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 17.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 3.914 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

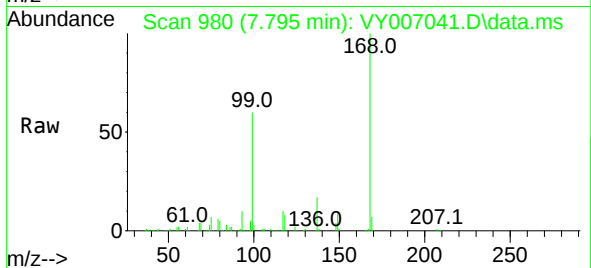
Tgt Ion: 75 Resp: 10625
Ion Ratio Lower Upper
75 100
110 9.4 18.0 54.0#
77 0.0 25.4 38.2#



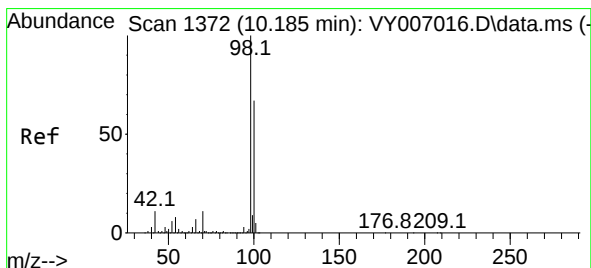
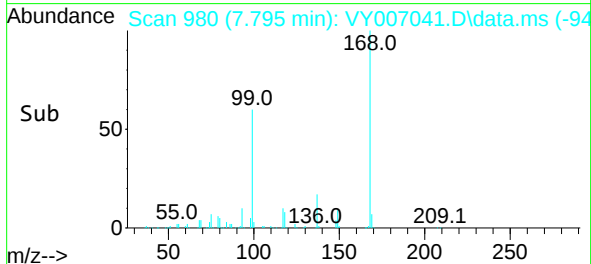
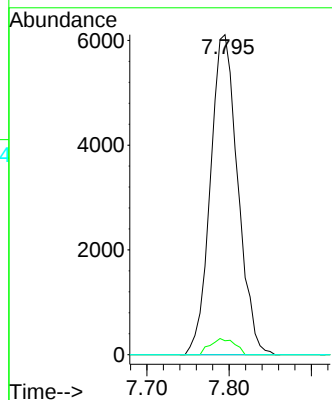


#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :

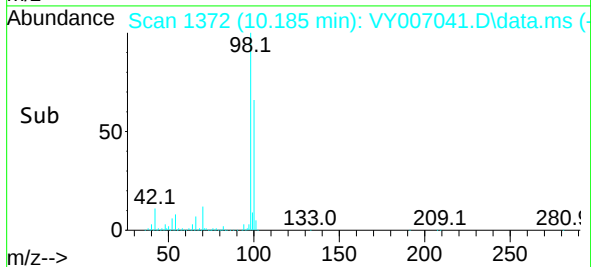
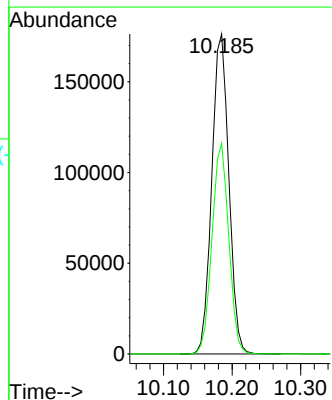
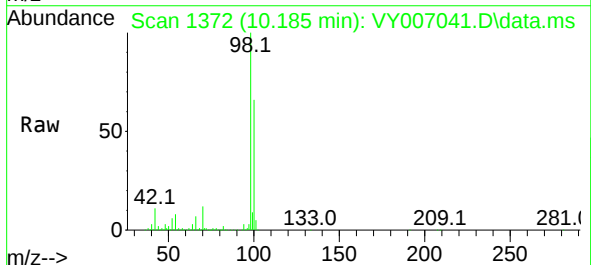


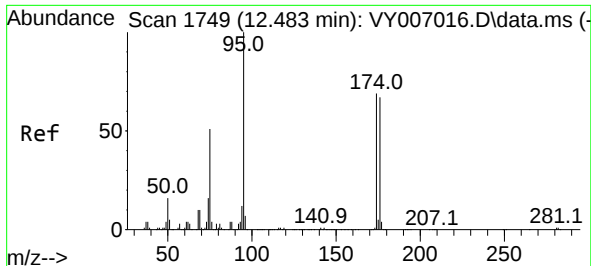
Tgt Ion:117 Resp: 14130
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Tgt Ion: 98 Resp: 303762
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

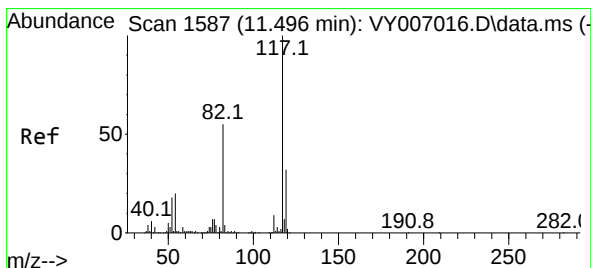
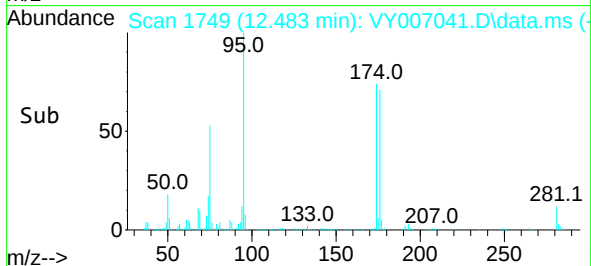
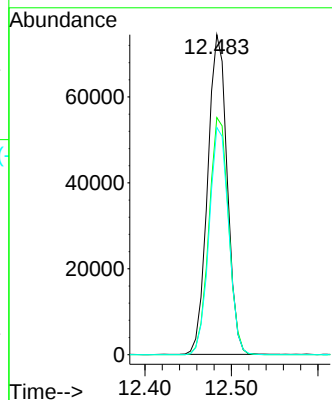
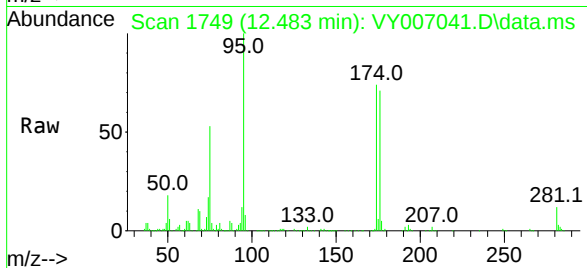




#62
4-Bromofluorobenzene
Concen: 51.070 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

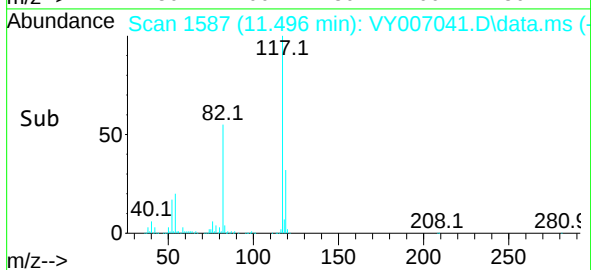
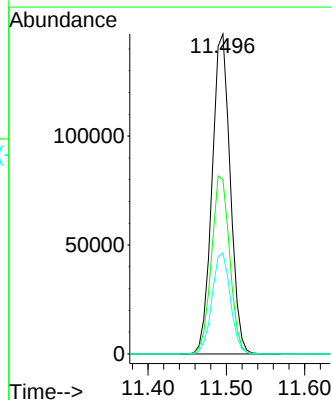
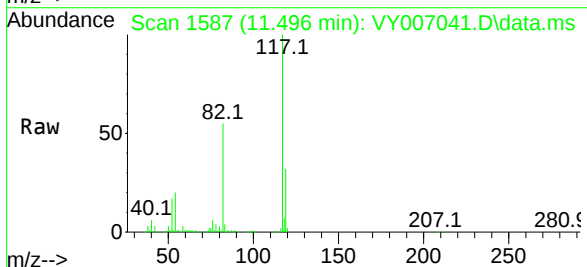
Instrument :
MSVOA_Y
ClientSampleId :

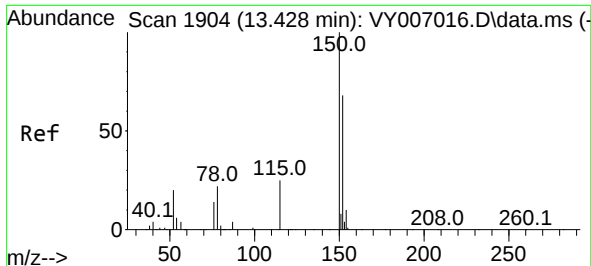
Tgt Ion: 95 Resp: 116405
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.6
176 71.1 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007041.D
Acq: 06 Jan 2022 18:39

Tgt Ion: 117 Resp: 236220
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 31.6 25.3 37.9

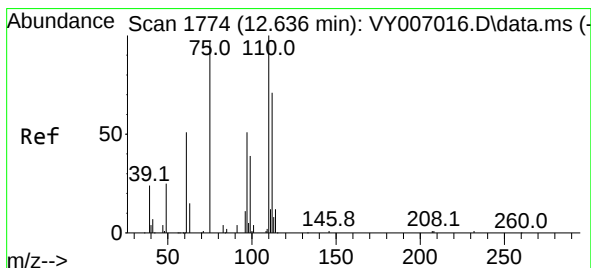
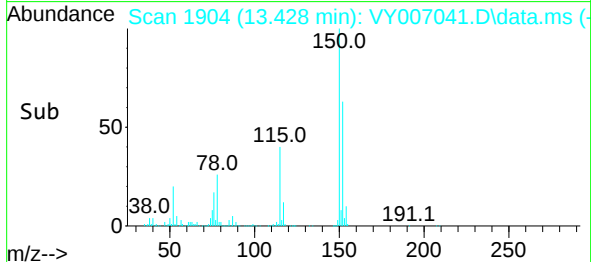
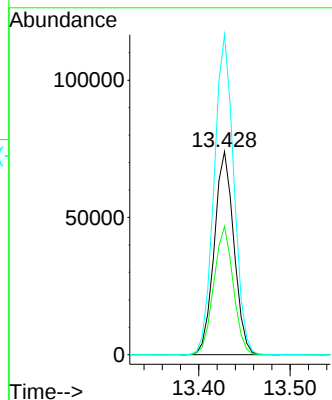
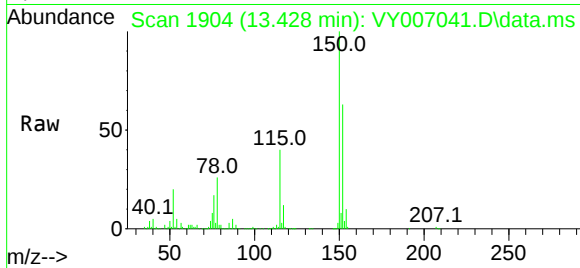




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007041.D
 Acq: 06 Jan 2022 18:39

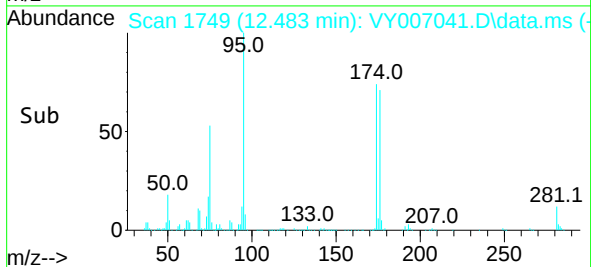
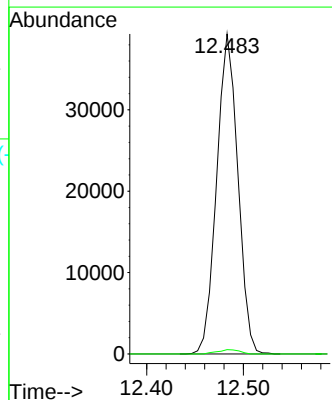
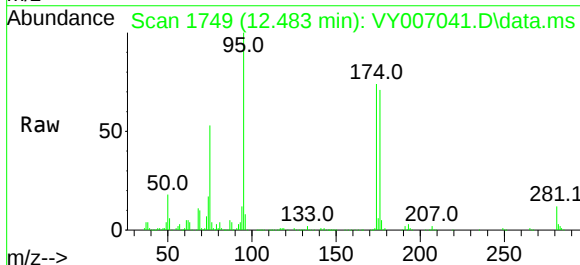
Instrument :
 MSVOA_Y
 ClientSampleId :

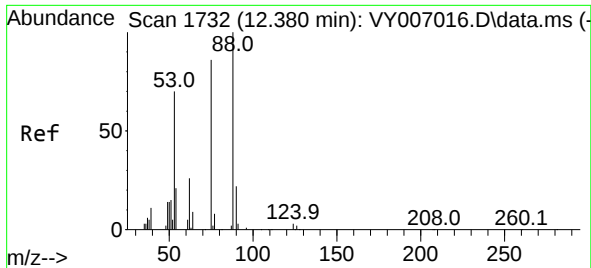
Tgt Ion:152 Resp: 110510
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.9 95.5
 150 158.1 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 42.957 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007041.D
 Acq: 06 Jan 2022 18:39

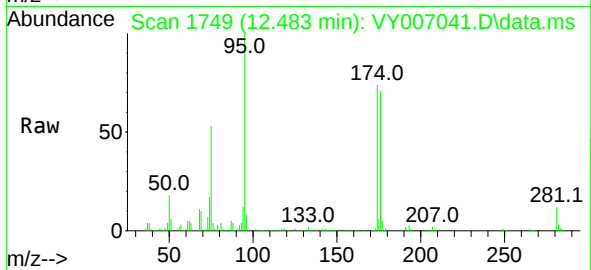
Tgt Ion: 75 Resp: 59796
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.459 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007041.D
 Acq: 06 Jan 2022 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 59796
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 0.5 0.0 0.0#

