

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008047.D
 Acq On : 26 Mar 2022 15:39
 Operator : SY/MD
 Sample : N2095-08
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.0-10.0

Quant Time: Mar 28 09:29:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

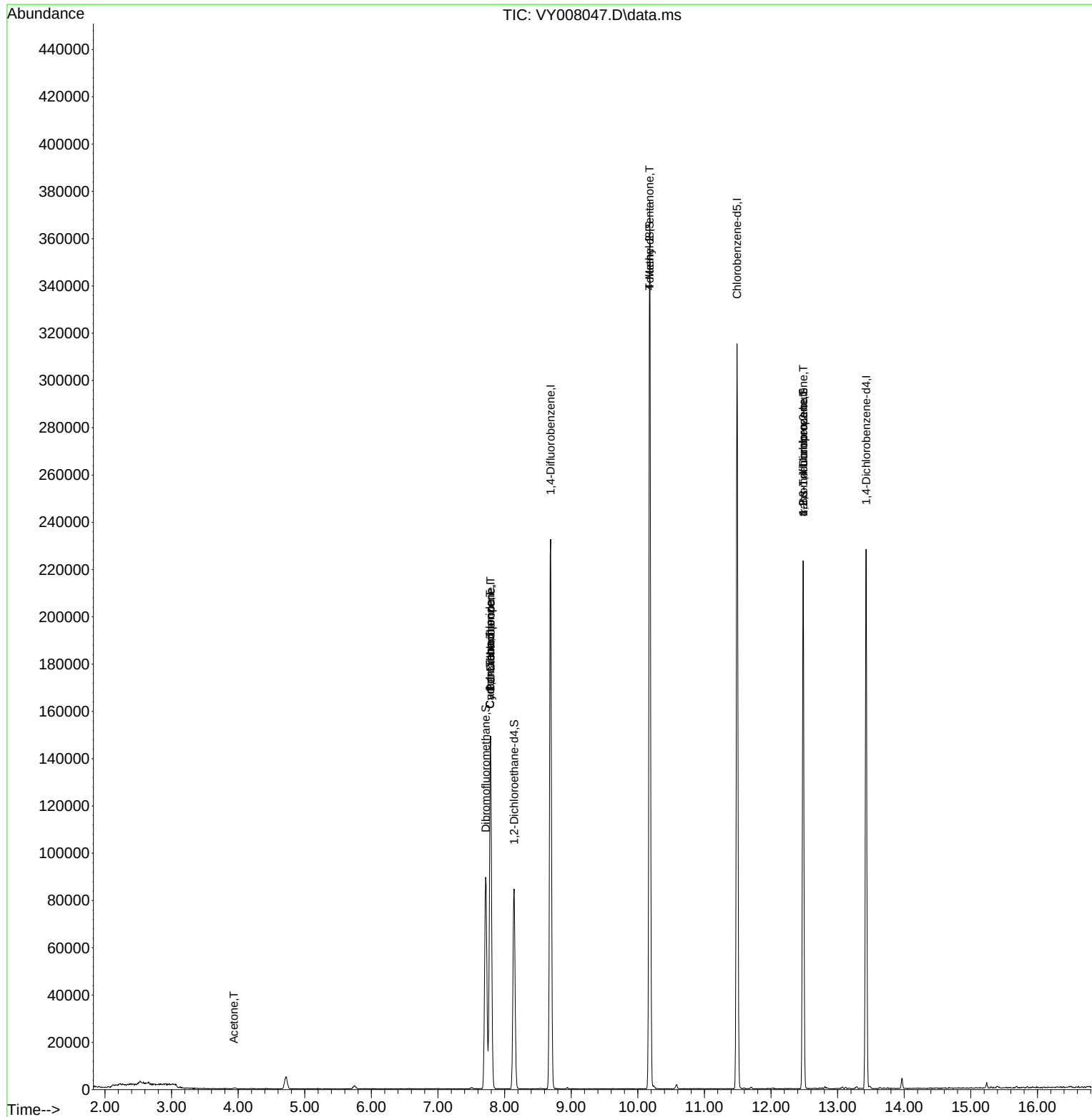
Internal Standards						
1) Pentafluorobenzene	7.789	168	113839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66031	57.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.620%			
35) Dibromofluoromethane	7.716	113	65029	49.648	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.300%			
50) Toluene-d8	10.179	98	245586	49.767	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.483	95	69255	39.779	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.560%			
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	790	3.026	ug/l #	47
18) Methyl Acetate	4.466	43	45	Below Cal	#	56
20) Methylene Chloride	4.722	84	4076	Below Cal	#	71
31) Cyclohexane	7.783	56	2342	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8969	4.359	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11866	5.292	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	979	1.029	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37102	53.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37102	120.083	ug/l #	7

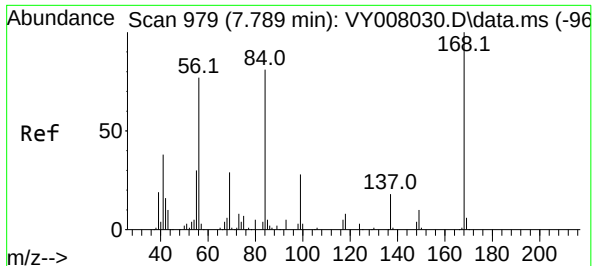
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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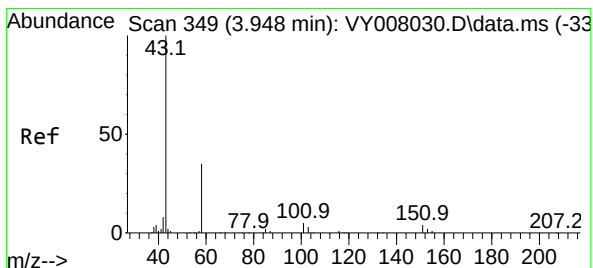
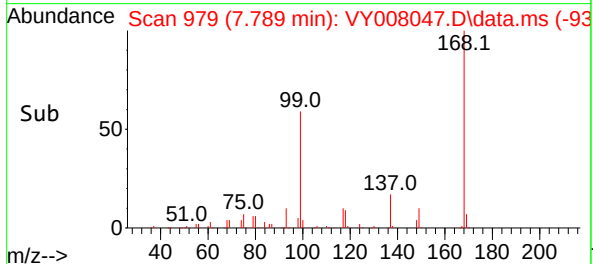
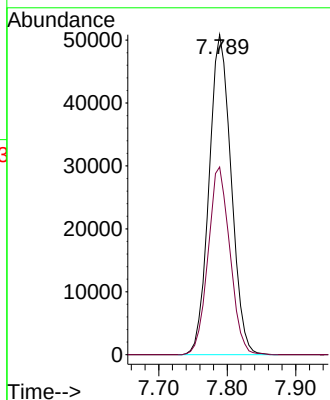
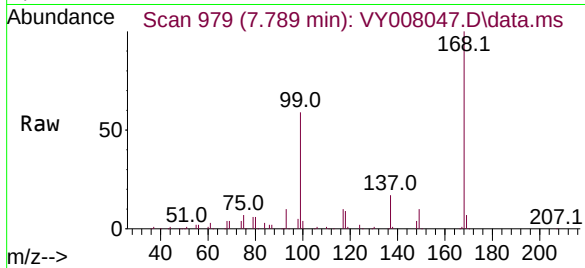




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

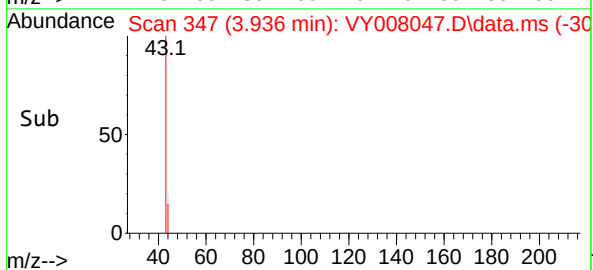
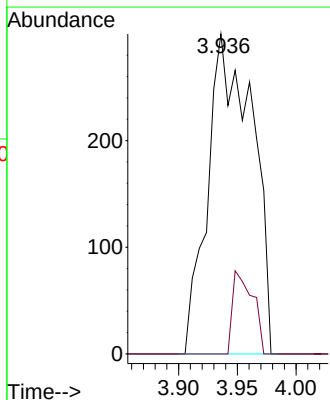
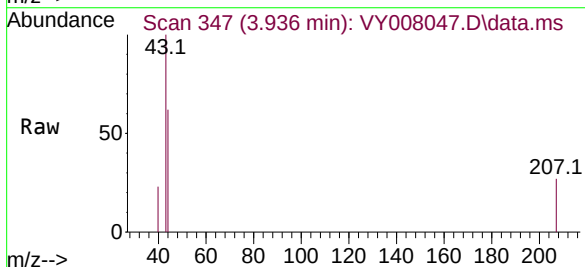
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0

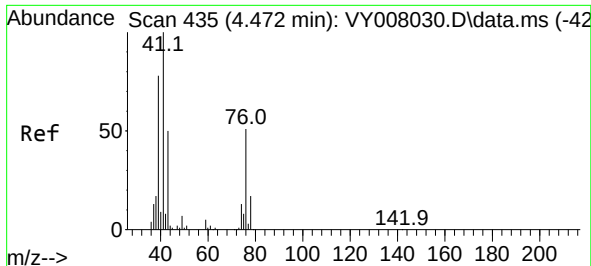
Tgt Ion:168 Resp: 113839
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#16
Acetone
Concen: 3.026 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008047.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_Y

ClientSampleId :

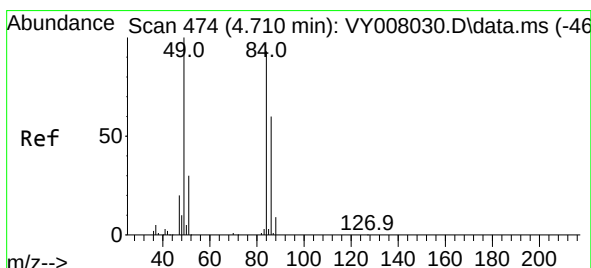
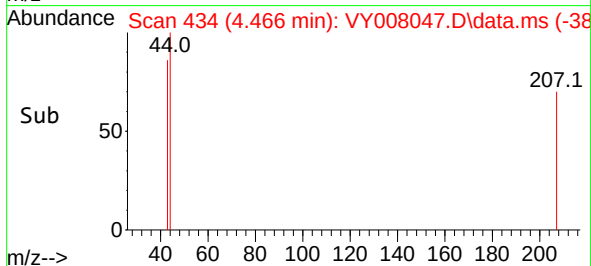
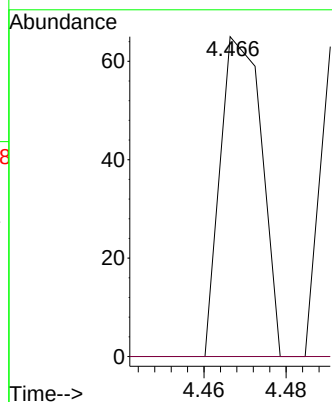
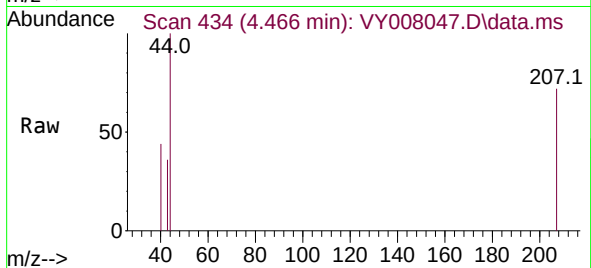
SB-08-9.0-10.0

Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY008047.D

Acq: 26 Mar 2022 15:39

Tgt Ion: 84 Resp: 4076

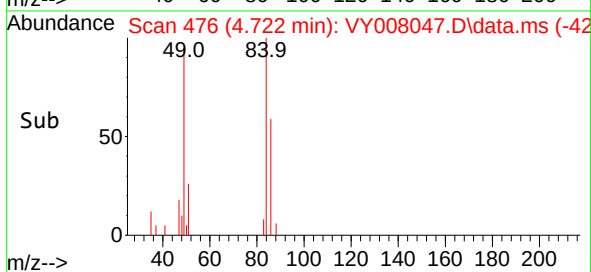
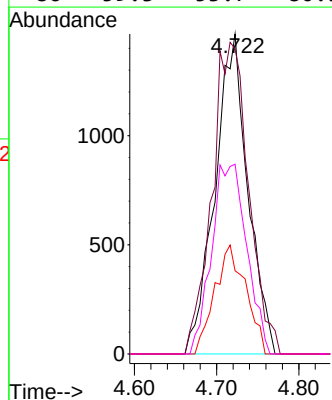
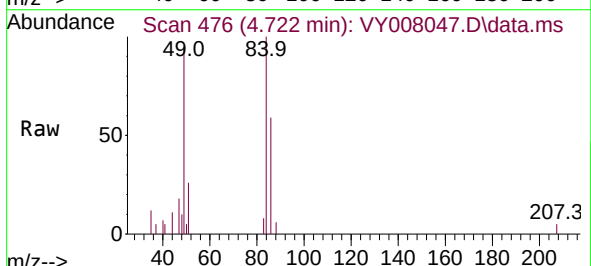
Ion Ratio Lower Upper

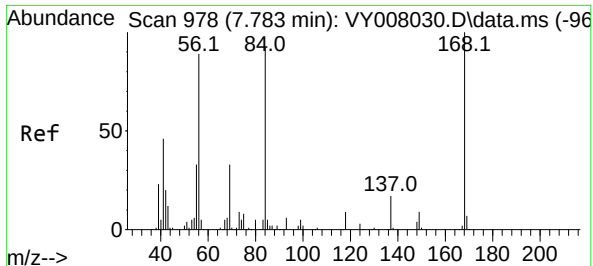
84 100

49 95.4 114.4 171.6#

51 26.0 35.3 52.9#

86 59.3 53.7 80.5

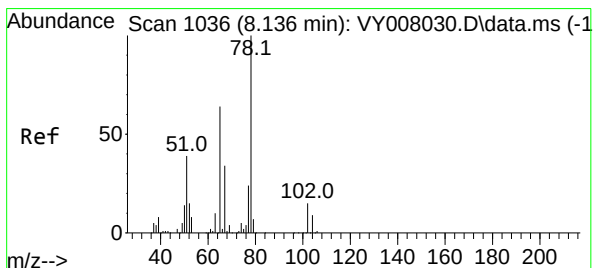
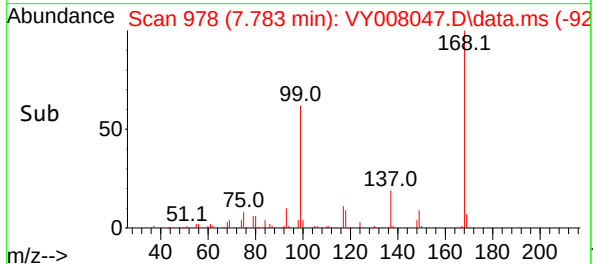
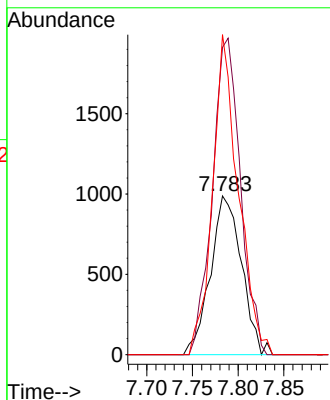
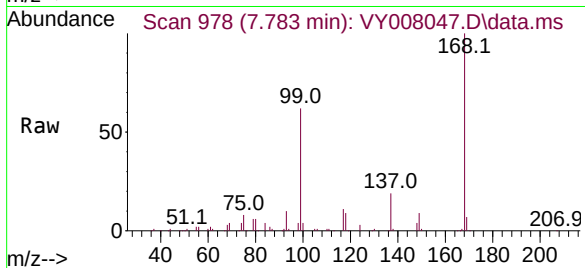




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

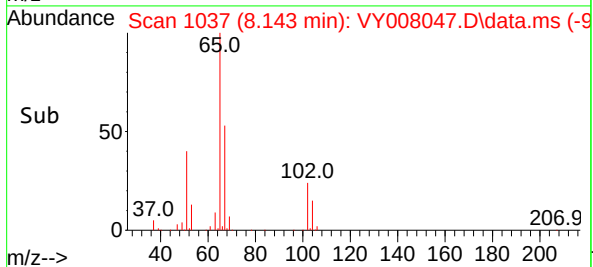
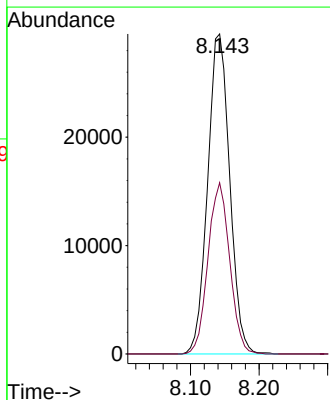
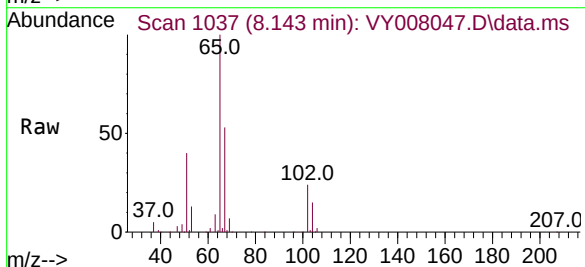
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0

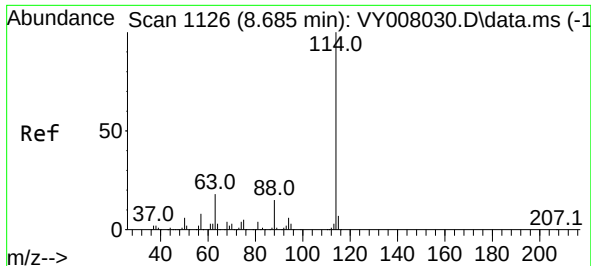
Tgt Ion: 56 Resp: 2342
Ion Ratio Lower Upper
56 100
69 193.6 26.7 40.1#
84 201.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.813 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 65 Resp: 66031
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

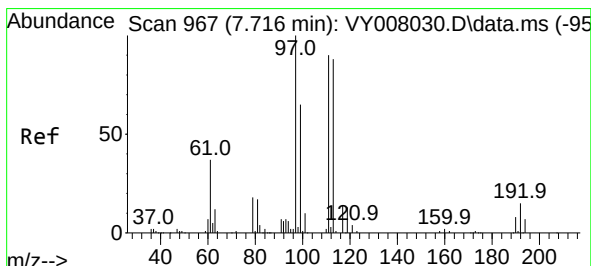
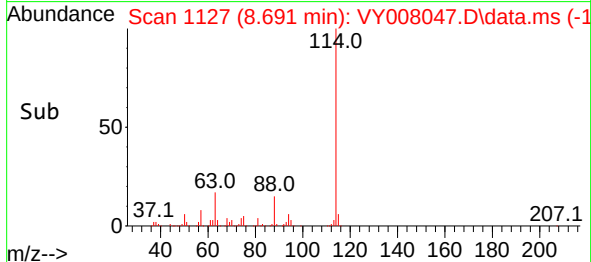
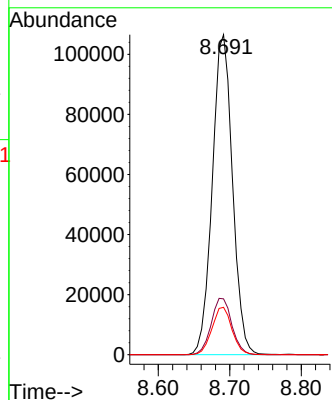
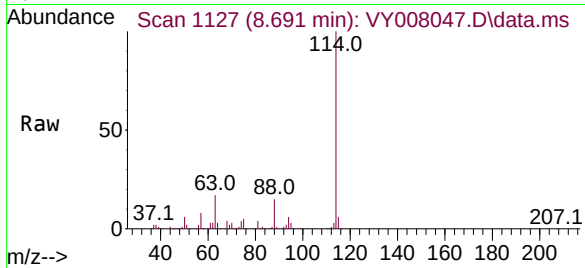




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

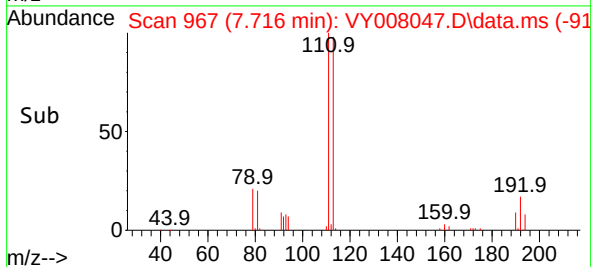
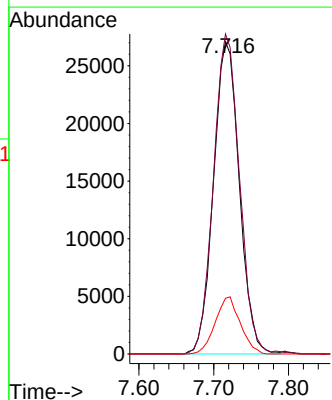
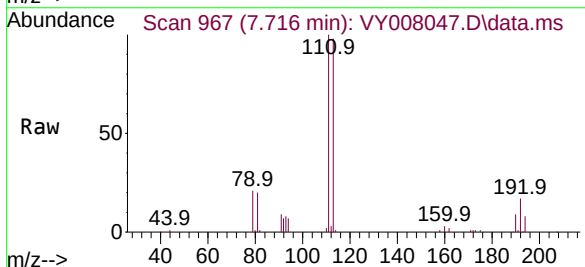
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0

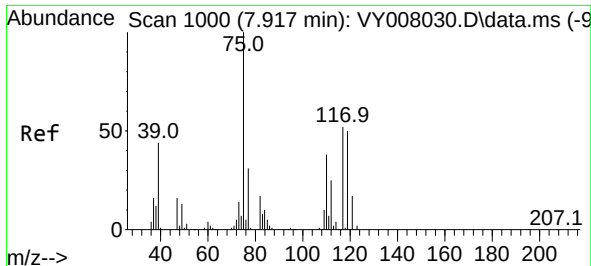
Tgt Ion:114 Resp: 208911
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion:113 Resp: 65029
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.7 17.6 26.4

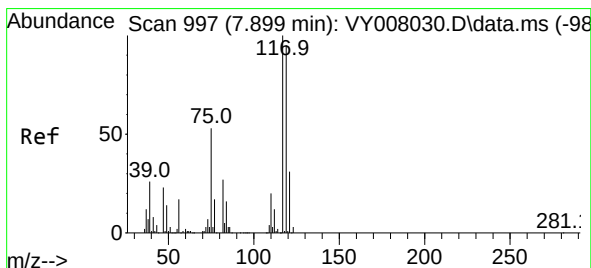
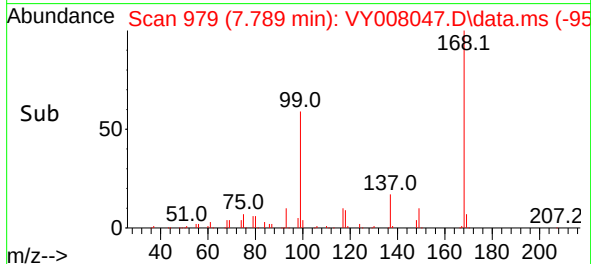
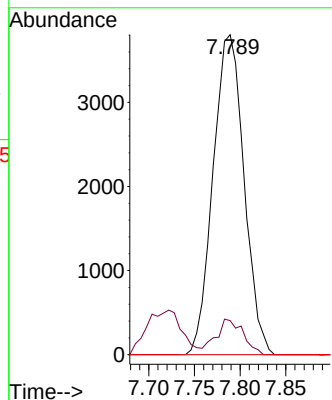
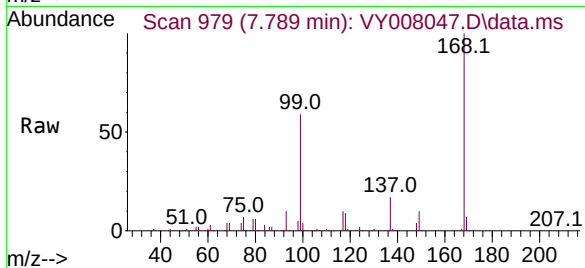




#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

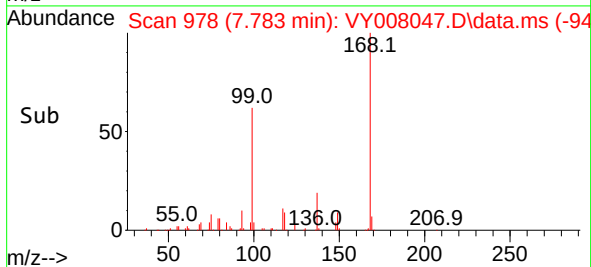
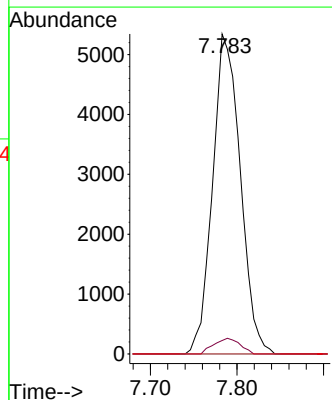
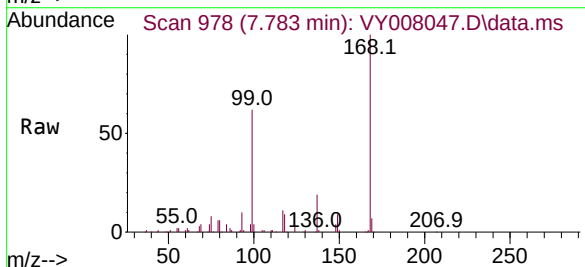
Instrument :
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ClientSampleId :
SB-08-9.0-10.0

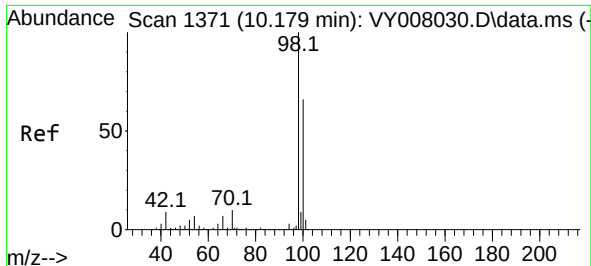
Tgt Ion: 75 Resp: 8969
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.292 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 117 Resp: 11866
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

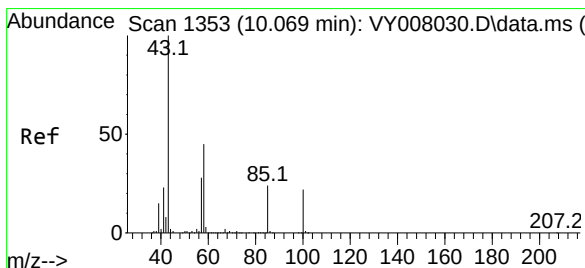
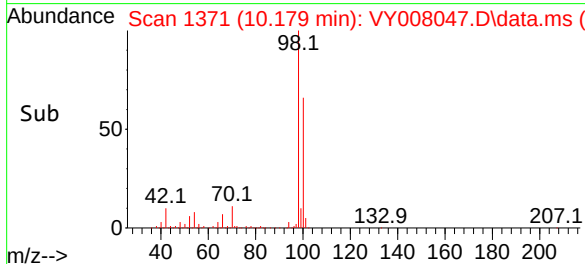
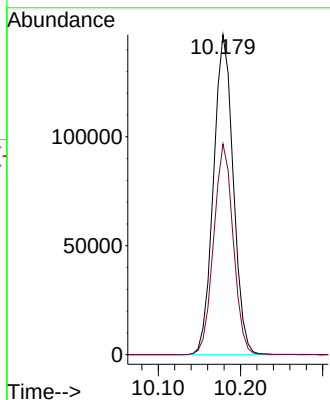
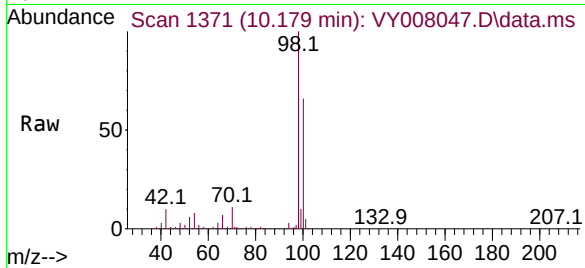




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

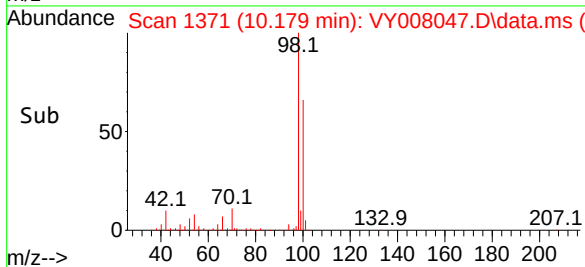
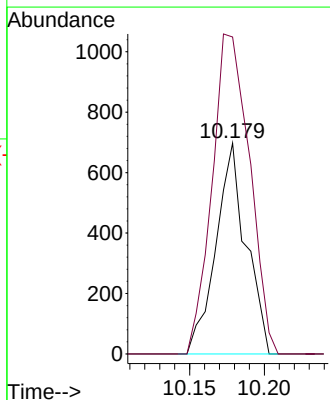
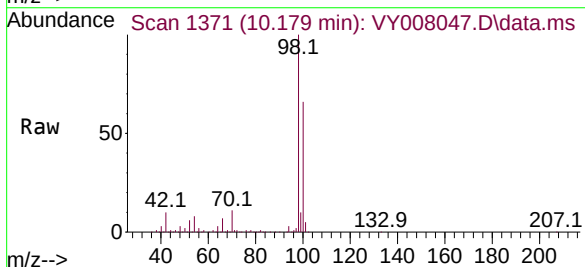
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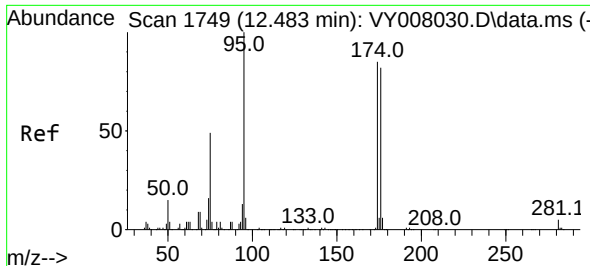
Tgt Ion: 98 Resp: 245586
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 188.5 28.1 42.1#

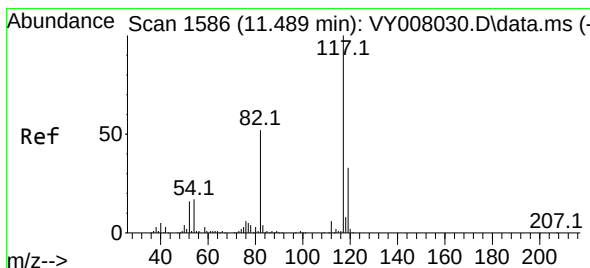
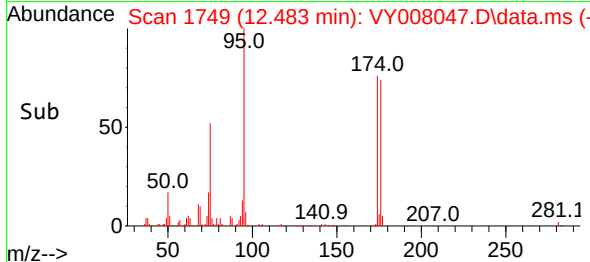
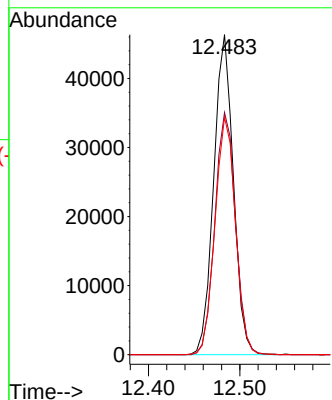
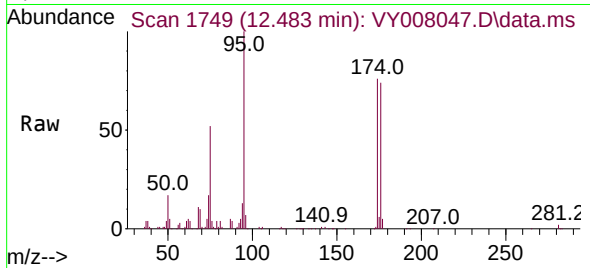




#62
4-Bromofluorobenzene
Concen: 39.779 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

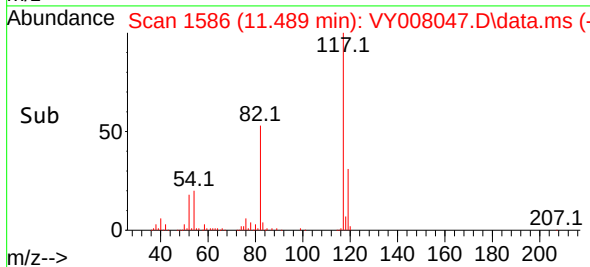
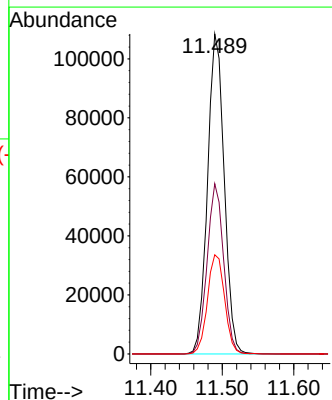
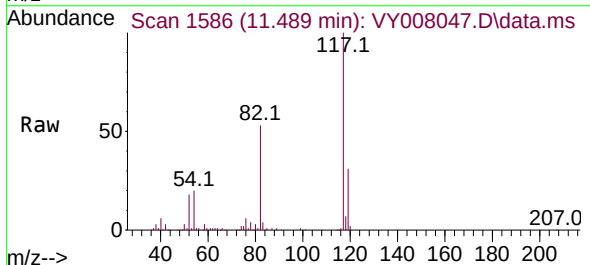
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0

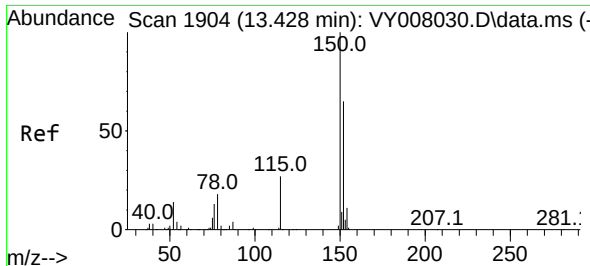
Tgt Ion: 95 Resp: 69255
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 77.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008047.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 117 Resp: 175603
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.0 25.4 38.0

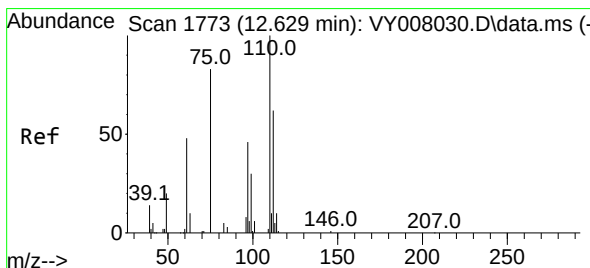
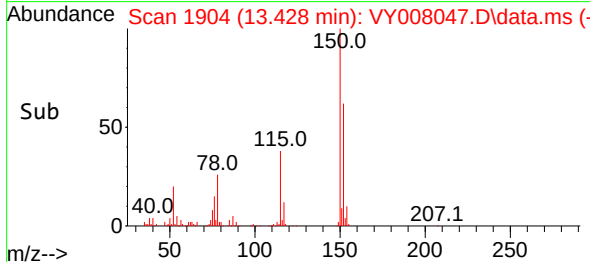
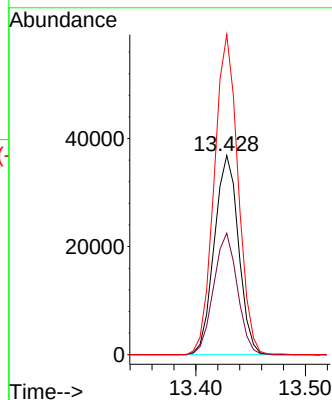
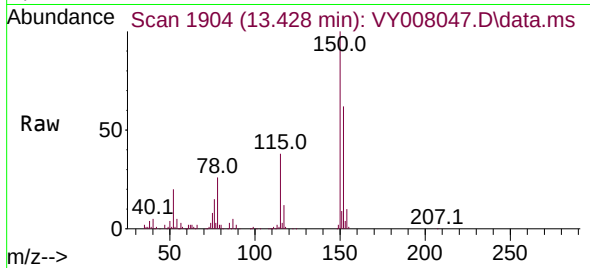




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008047.D
 Acq: 26 Mar 2022 15:39

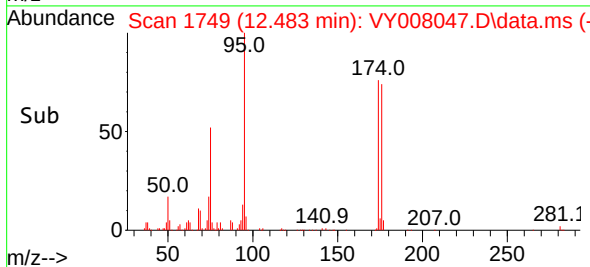
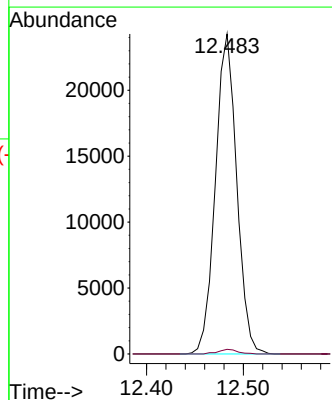
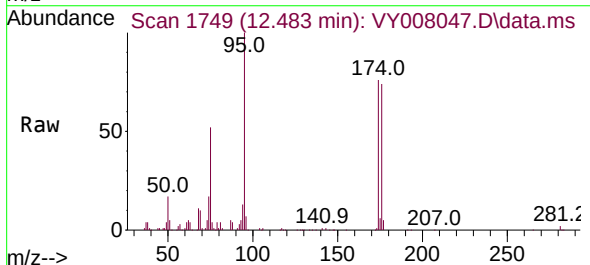
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.0-10.0

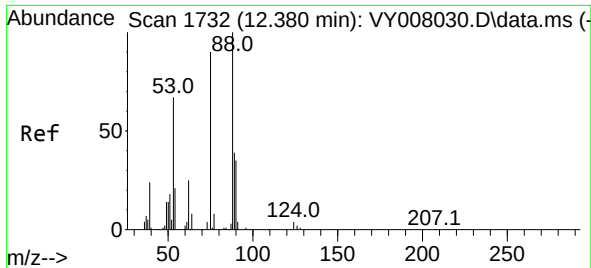
Tgt Ion:152 Resp: 56551
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.821 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008047.D
 Acq: 26 Mar 2022 15:39

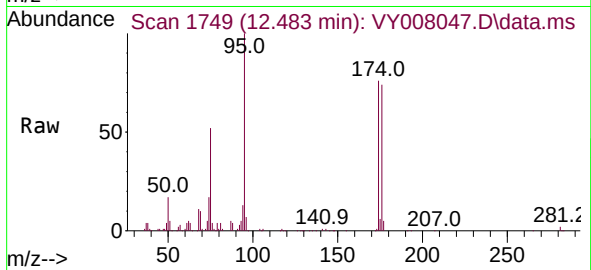
Tgt Ion: 75 Resp: 37102
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.083 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008047.D
 Acq: 26 Mar 2022 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.0-10.0



Tgt Ion: 75 Resp: 37102
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

