

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009087.D
 Acq On : 25 May 2022 14:09
 Operator : KP/MD
 Sample : N2981-15
 Misc : 2.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8(0.5-1)

Quant Time: May 26 04:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

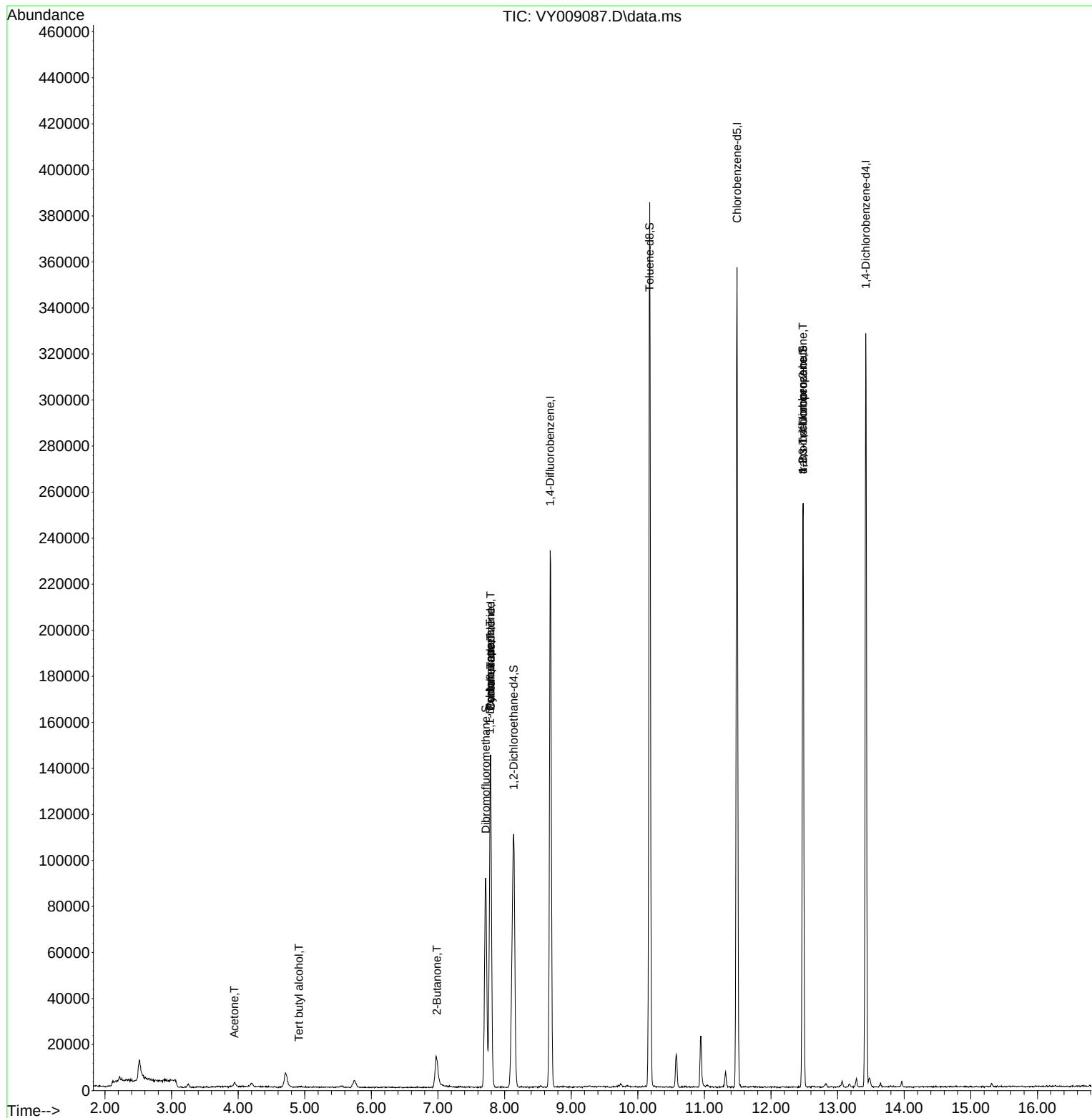
Internal Standards						
1) Pentafluorobenzene	7.789	168	106130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	194193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66843	61.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.400%
35) Dibromofluoromethane	7.716	113	62448	51.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.179	98	242263	54.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.477	95	67801	37.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	156	1.408	ug/l #	77
16) Acetone	3.942	43	2474	10.881	ug/l	90
20) Methylene Chloride	4.716	84	4457	Below Cal	#	81
25) 2-Butanone	6.984	43	868	2.137	ug/l #	54
31) Cyclohexane	7.789	56	2889	1.352	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	8873	4.318	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10787	5.018	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39461	46.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39461	96.318	ug/l #	7

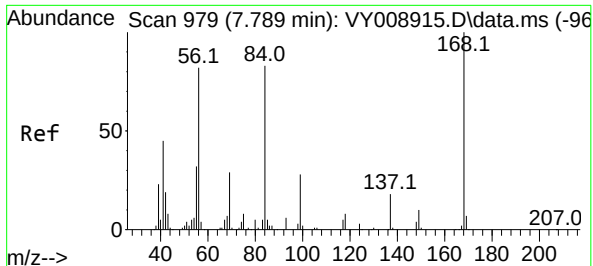
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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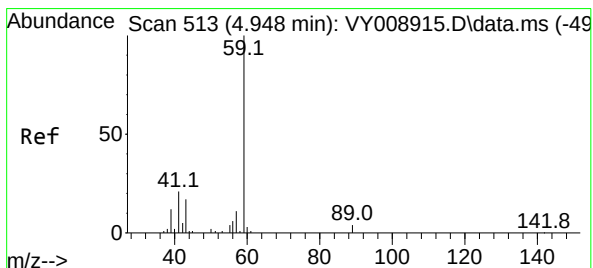
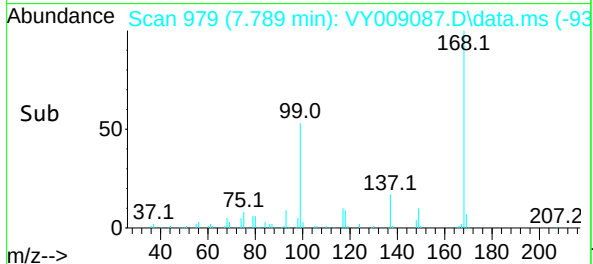
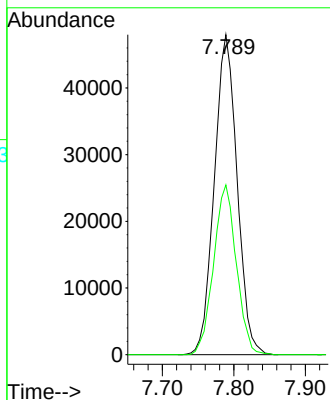
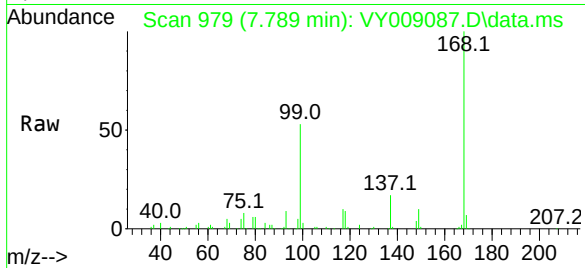




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

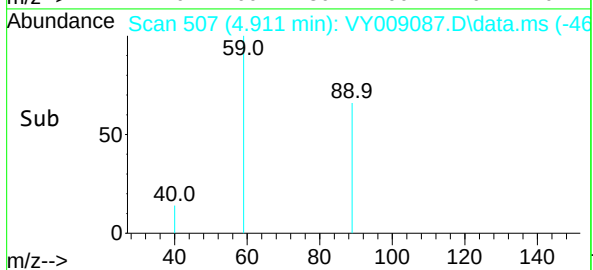
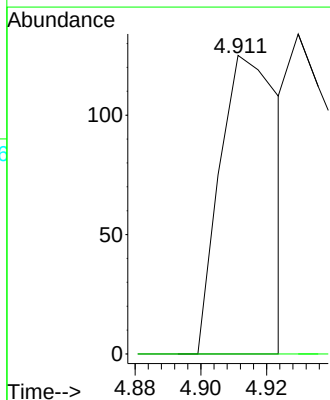
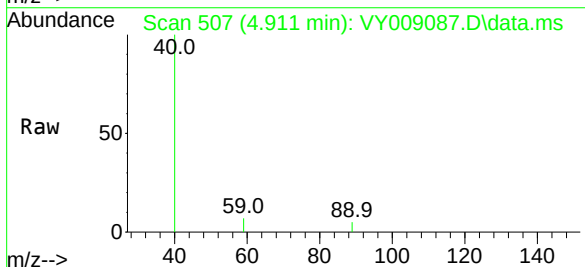
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(0.5-1)

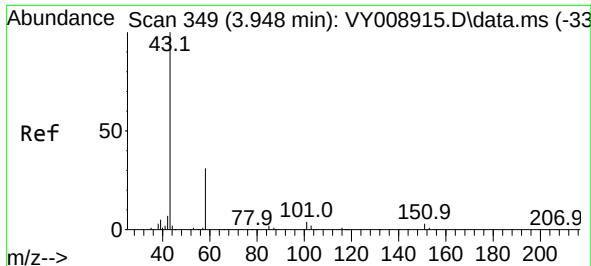
Tgt Ion:168 Resp: 106130
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

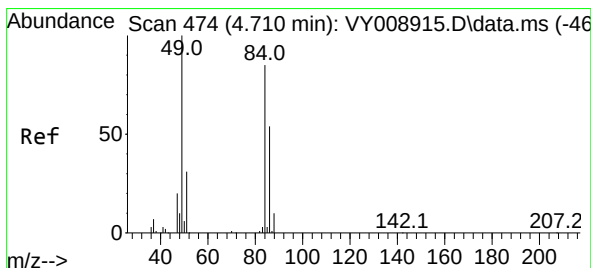
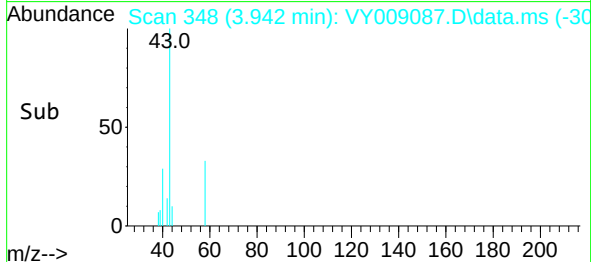
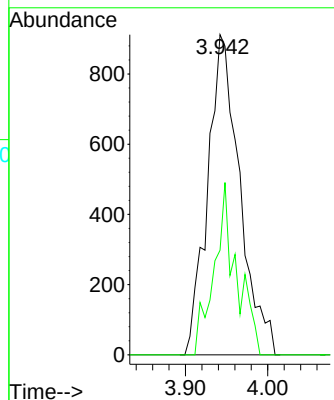
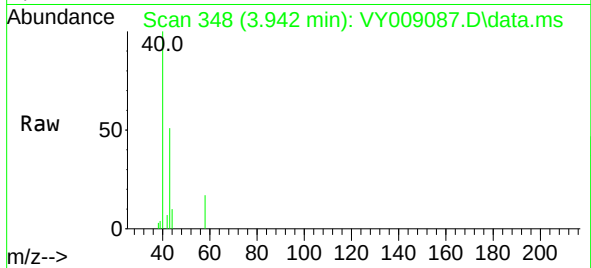




#16
Acetone
Concen: 10.881 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

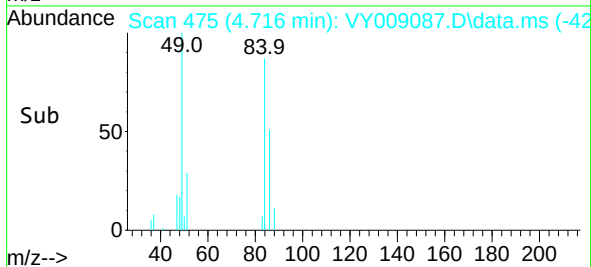
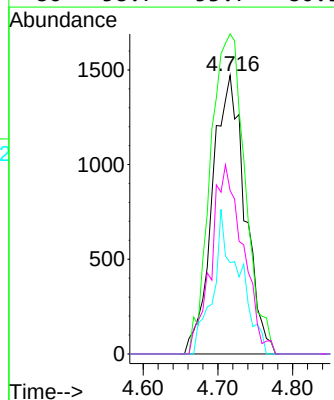
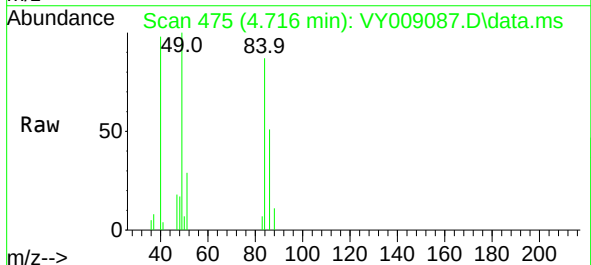
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(0.5-1)

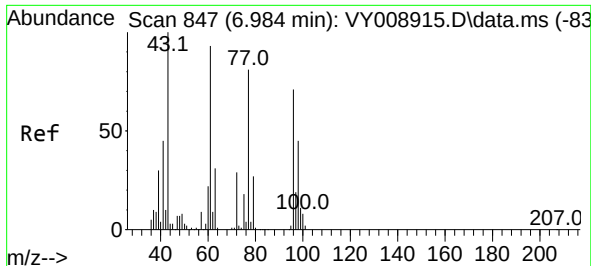
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 84 Resp: 4457
Ion Ratio Lower Upper
84 100
49 114.9 114.4 171.6
51 32.8 35.3 52.9#
86 58.7 53.7 80.5

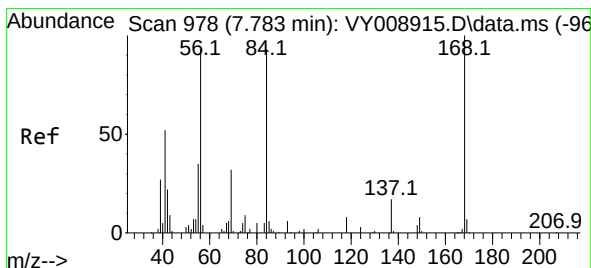
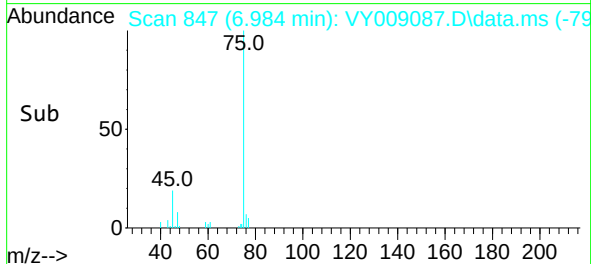
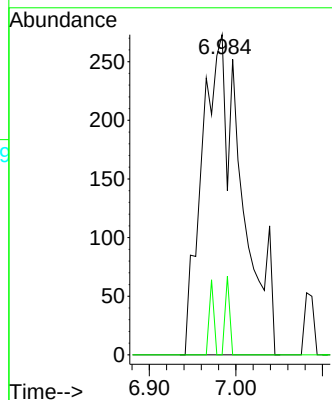
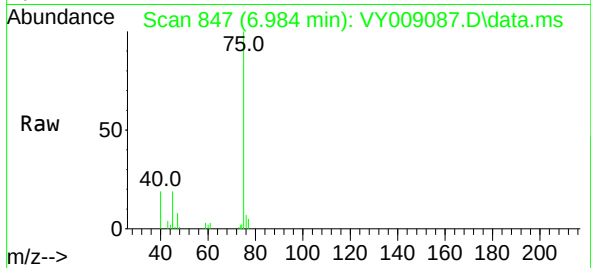




#25
2-Butanone
Concen: 2.137 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

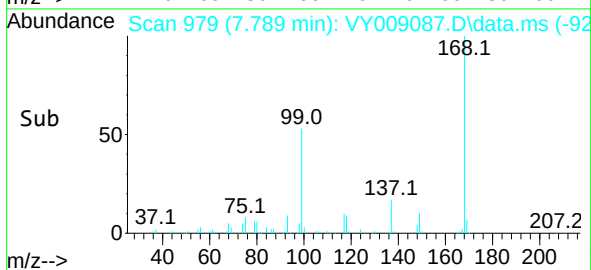
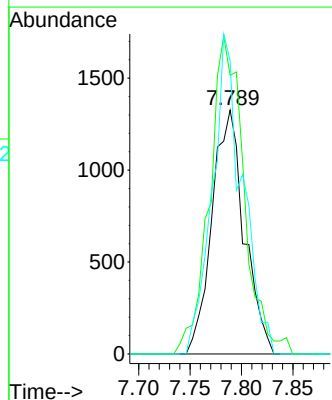
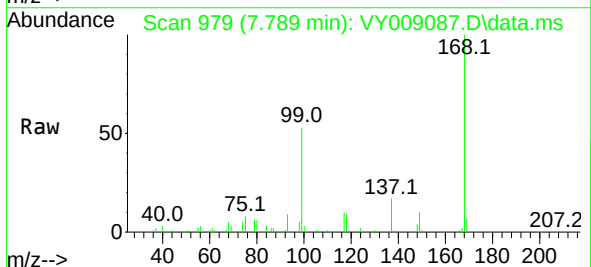
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(0.5-1)

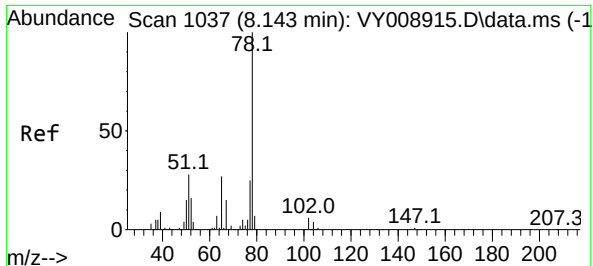
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 56 Resp: 2889
Ion Ratio Lower Upper
56 100
69 110.1 26.7 40.1#
84 120.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.196 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009087.D

Acq: 25 May 2022 14:09

Instrument :

MSVOA_Y

ClientSampleId :

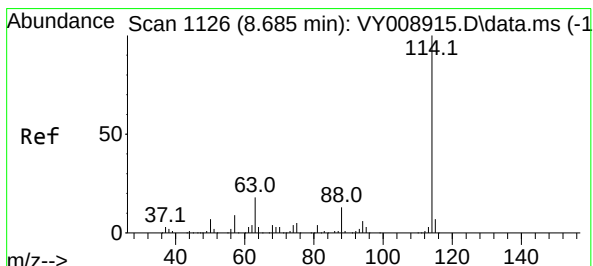
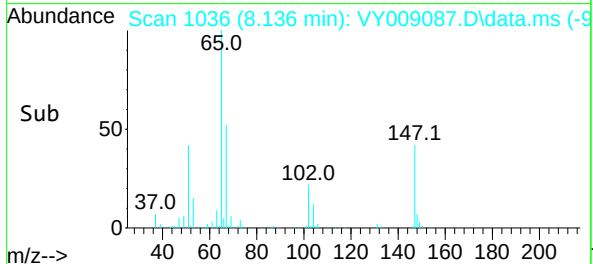
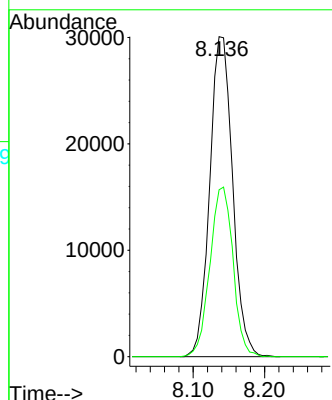
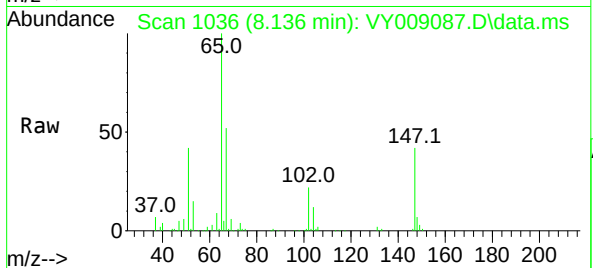
SB-8(0.5-1)

Tgt Ion: 65 Resp: 66843

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009087.D

Acq: 25 May 2022 14:09

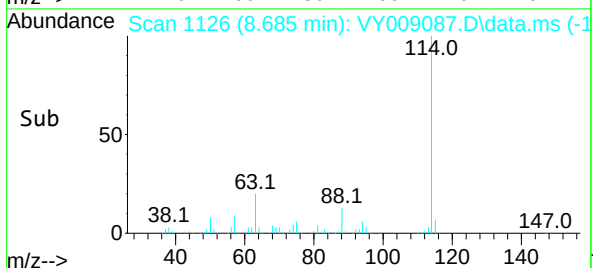
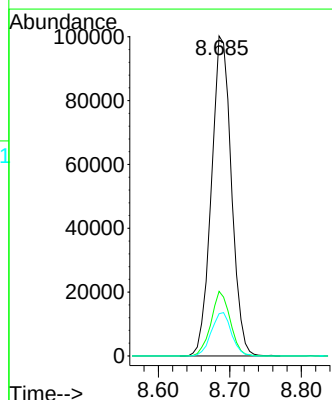
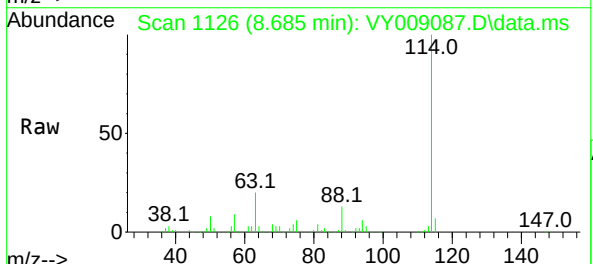
Tgt Ion: 114 Resp: 194193

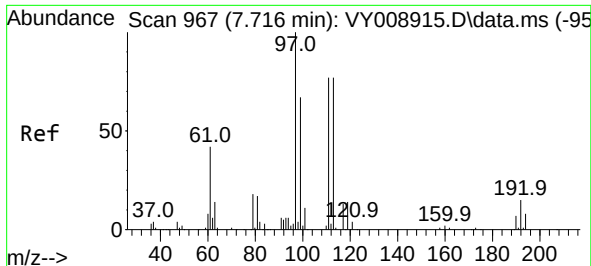
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 13.2 0.0 31.8

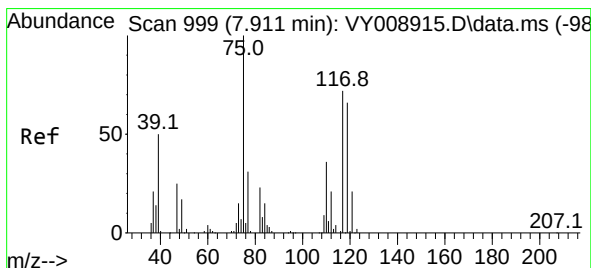
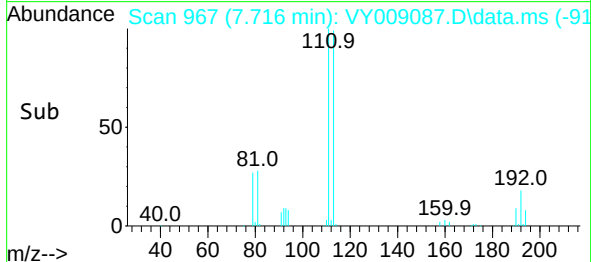
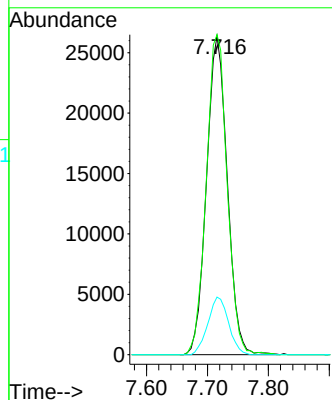
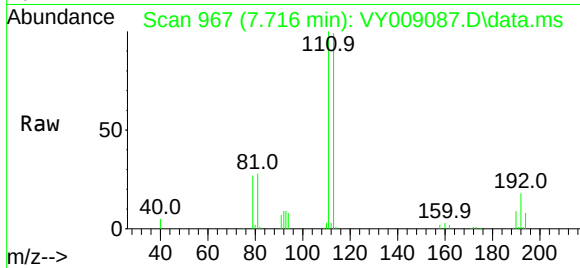




#35
Dibromofluoromethane
Concen: 51.714 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

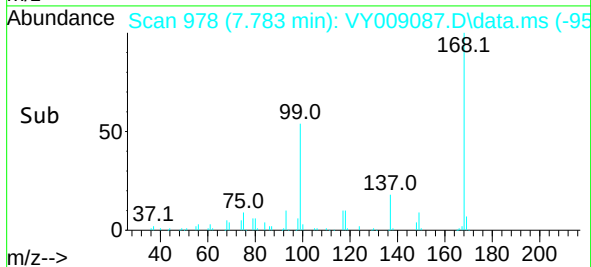
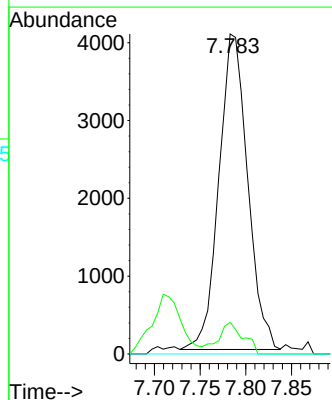
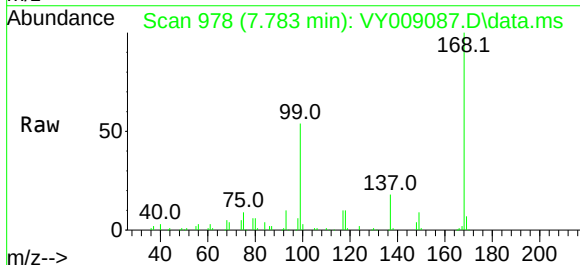
Instrument :
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SB-8(0.5-1)

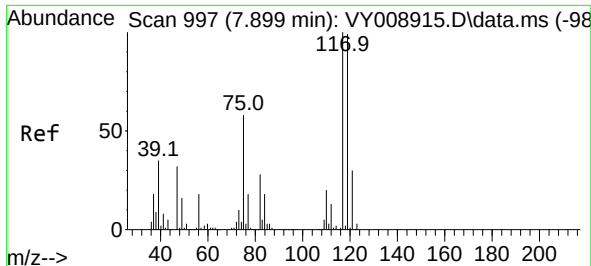
Tgt Ion:113 Resp: 62448
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 18.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.318 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 75 Resp: 8873
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

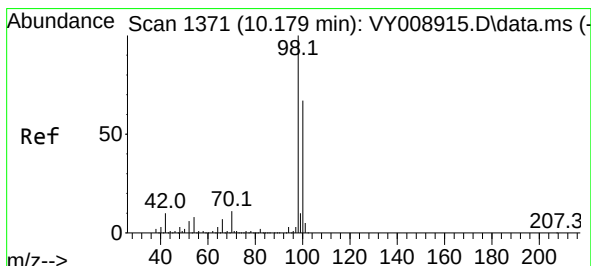
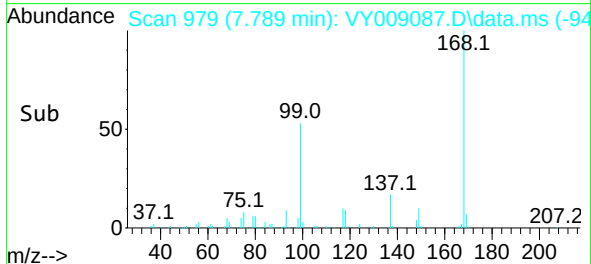
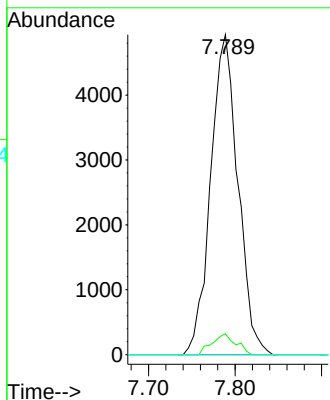
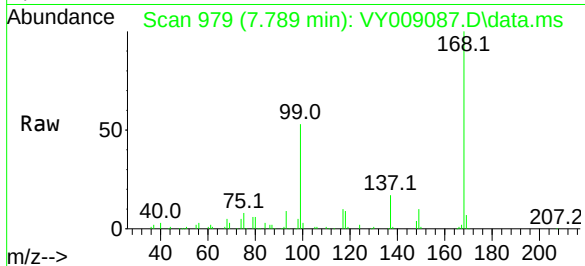




#38
Carbon Tetrachloride
Concen: 5.018 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

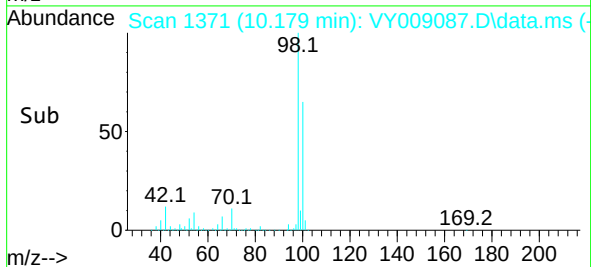
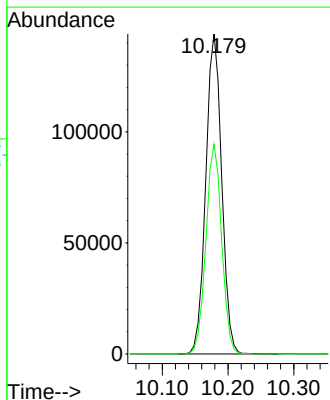
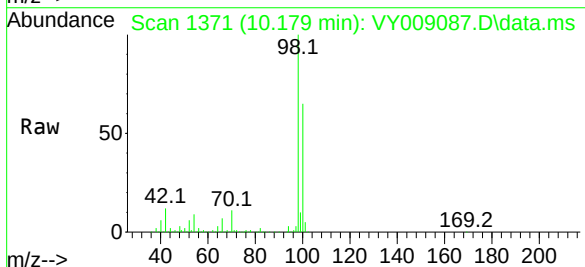
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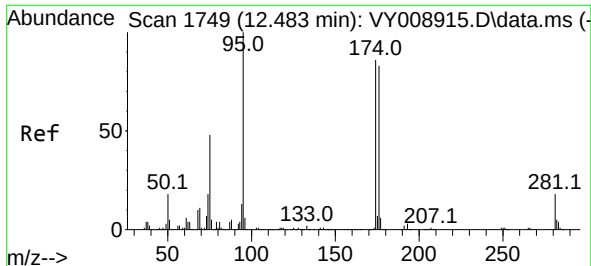
Tgt Ion:117 Resp: 10787
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.381 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 98 Resp: 242263
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

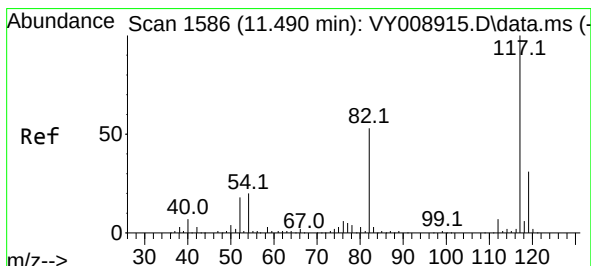
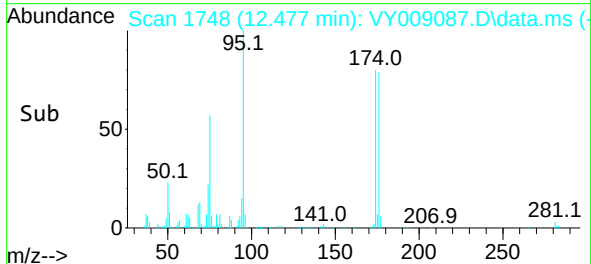
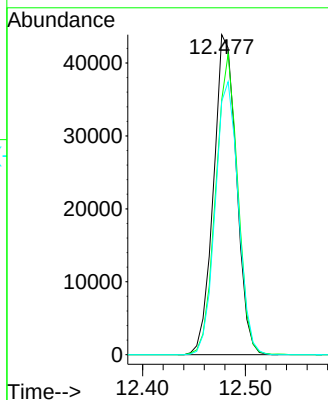
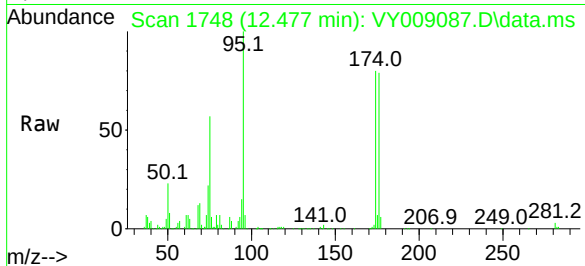




#62
4-Bromofluorobenzene
Concen: 37.729 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

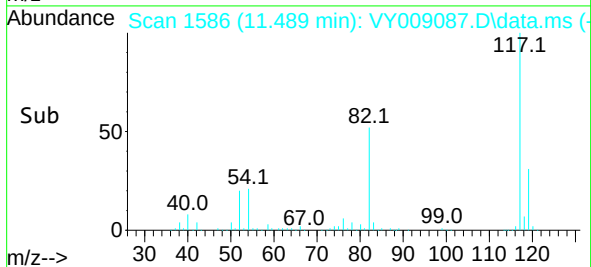
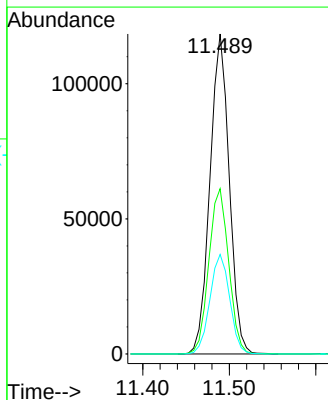
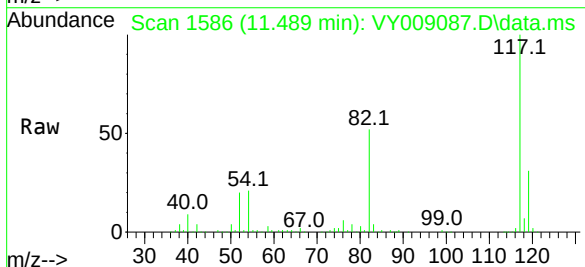
Instrument :
MSVOA_Y
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SB-8(0.5-1)

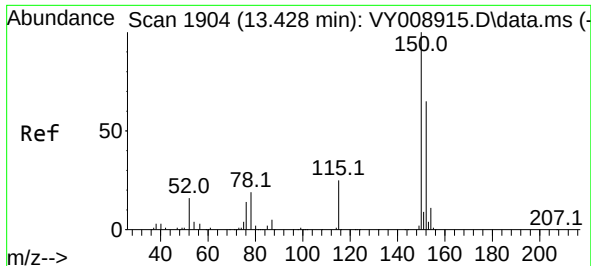
Tgt Ion: 95 Resp: 67801
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 85.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009087.D
Acq: 25 May 2022 14:09

Tgt Ion: 117 Resp: 183096
Ion Ratio Lower Upper
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82 51.6 43.0 64.4
119 31.1 25.4 38.0

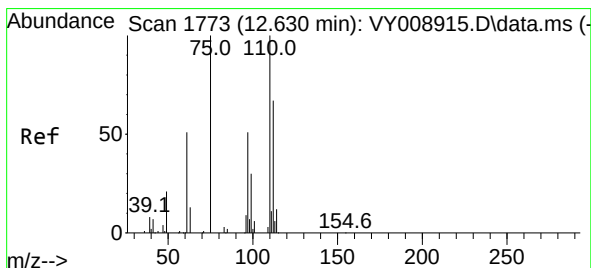
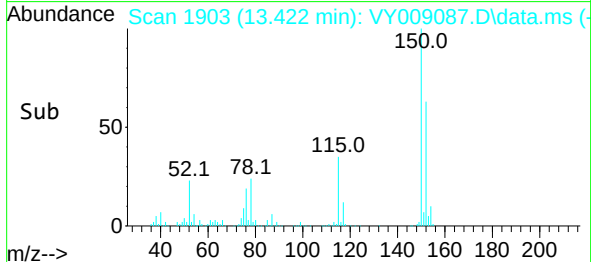
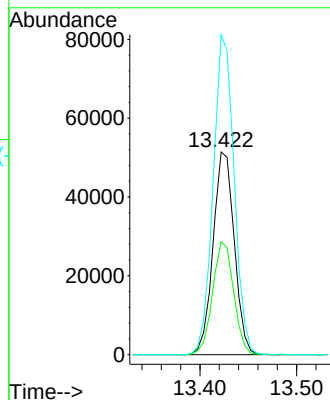
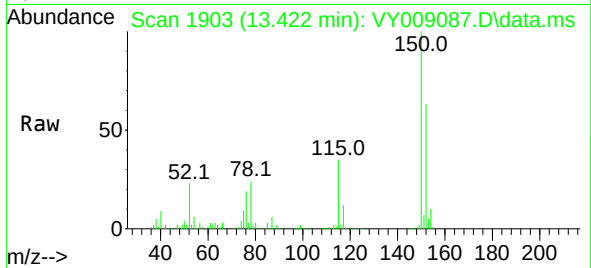




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009087.D
 Acq: 25 May 2022 14:09

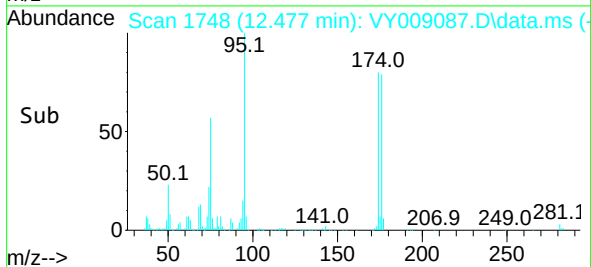
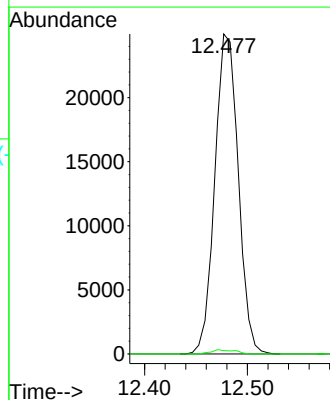
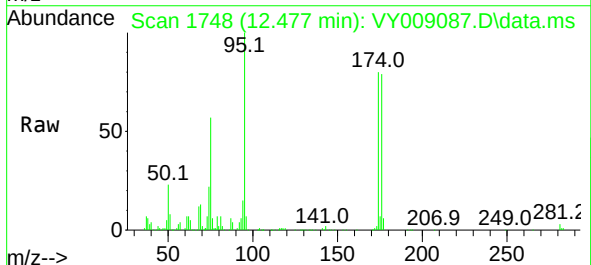
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8(0.5-1)

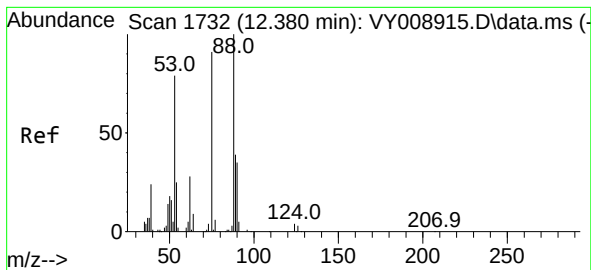
Tgt Ion:152 Resp: 78305
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.927 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009087.D
 Acq: 25 May 2022 14:09

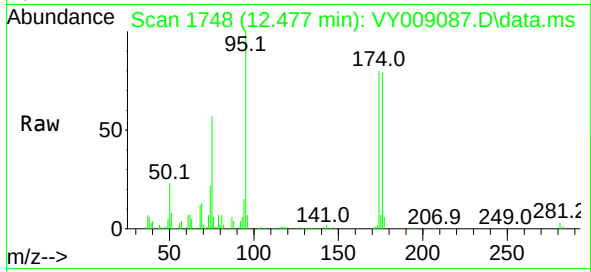
Tgt Ion: 75 Resp: 39461
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.318 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009087.D
 Acq: 25 May 2022 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8(0.5-1)



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

