

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008647.D
 Acq On : 05 May 2022 05:58
 Operator : KP/MD
 Sample : N2665-10
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10,8

Quant Time: May 05 06:53:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	52969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	103567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35137	68.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.500%
35) Dibromofluoromethane	7.715	113	34636	50.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.178	98	129978	53.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.483	95	51948	58.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.760%

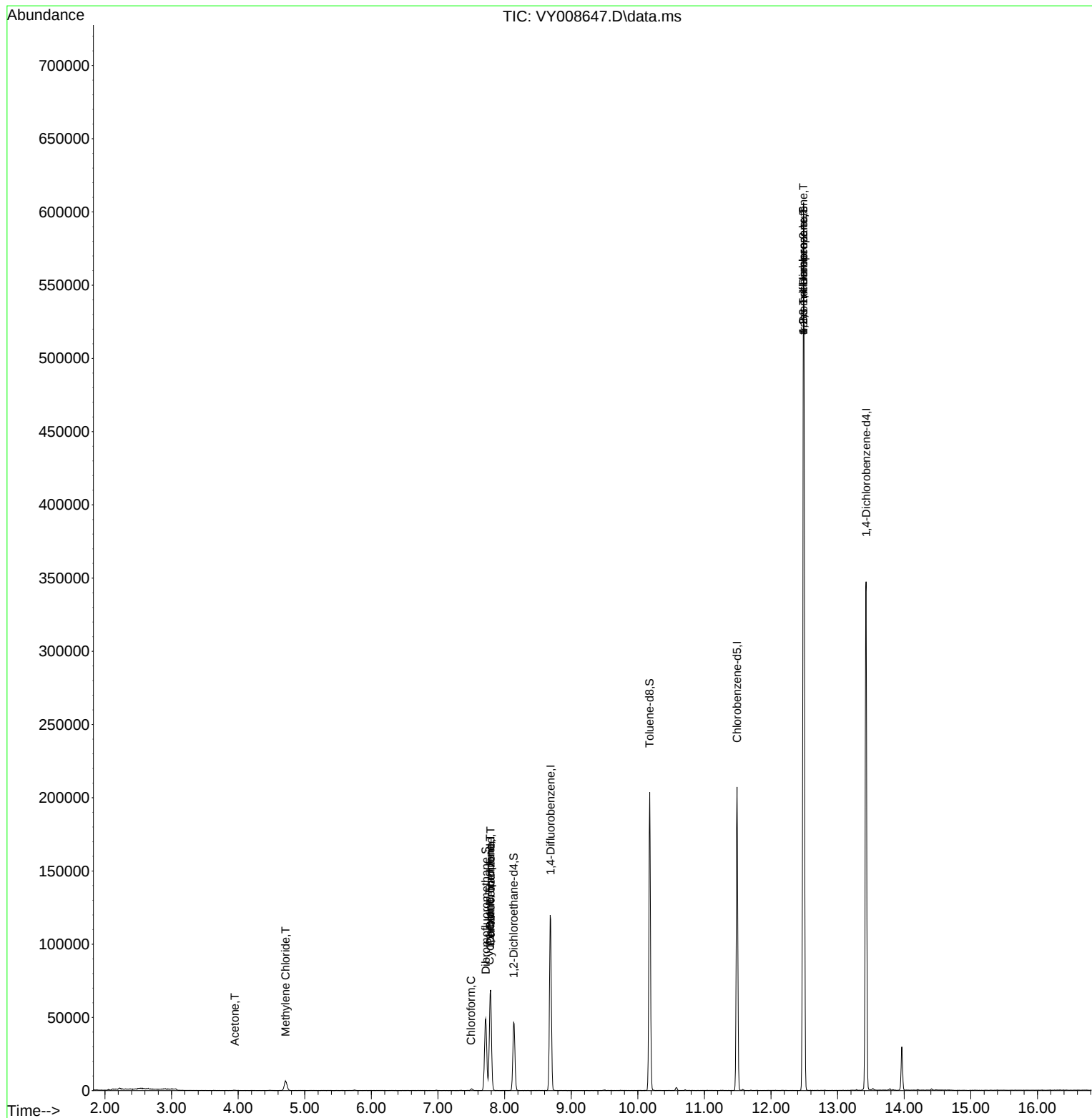
Target Compounds					Qvalue	
5) Bromomethane	2.655	94	233	Below Cal		97
16) Acetone	3.948	43	510	4.598	ug/l #	47
18) Methyl Acetate	4.478	43	271	Below Cal	#	56
20) Methylene Chloride	4.710	84	5013	1.776	ug/l #	87
30) Chloroform	7.496	83	1241	1.144	ug/l	98
31) Cyclohexane	7.776	56	1312	1.476	ug/l #	25
36) 1,1-Dichloropropene	7.783	75	4192	3.934	ug/l #	51
38) Carbon Tetrachloride	7.789	117	5357	4.406	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	32633	31.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32633	64.551	ug/l #	9

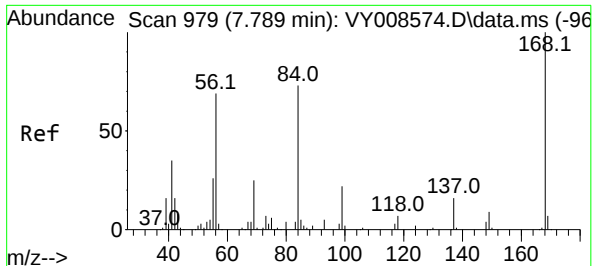
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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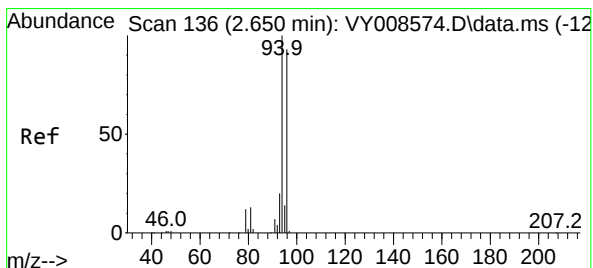
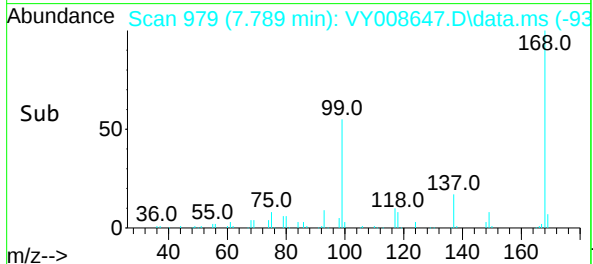
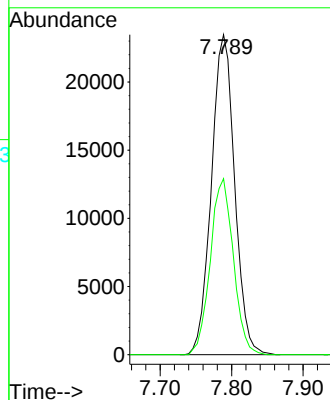
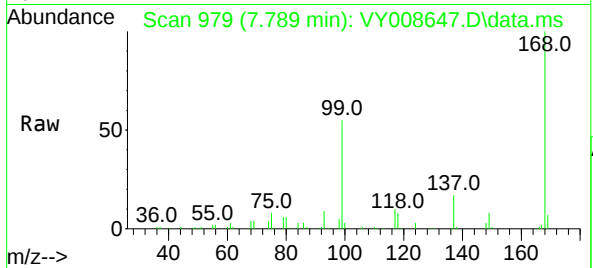




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

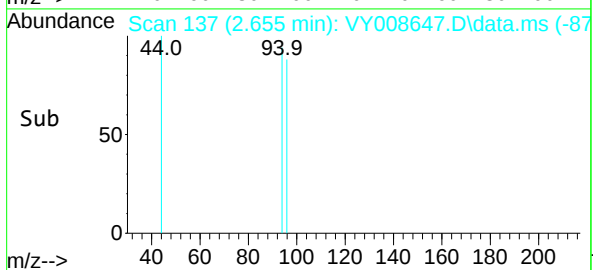
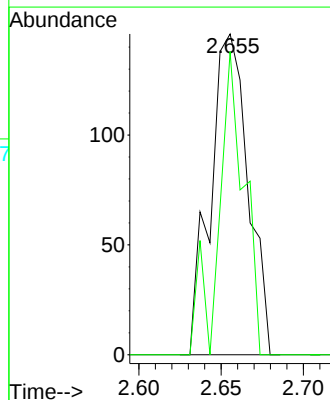
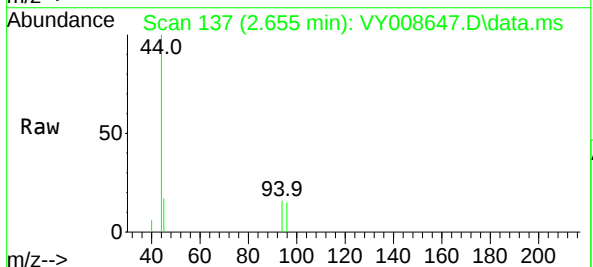
Instrument :
MSVOA_Y
ClientSampleId :
SB-10.8

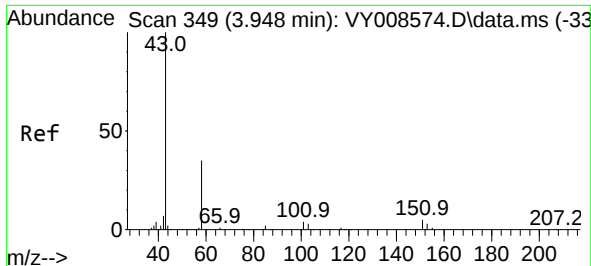
Tgt Ion:168 Resp: 52969
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. 0.005 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3





#16

Acetone

Concen: 4.598 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008647.D

Acq: 05 May 2022 05:58

Instrument :

MSVOA_Y

ClientSampleId :

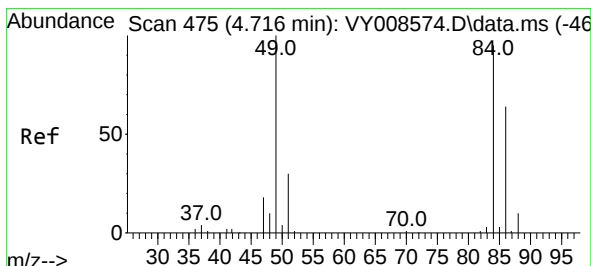
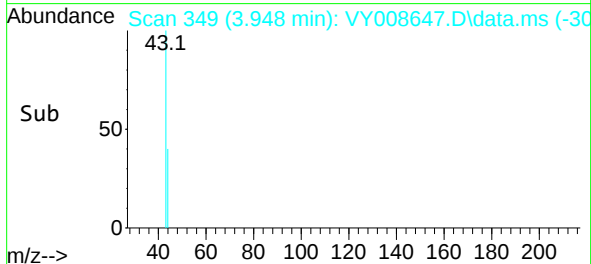
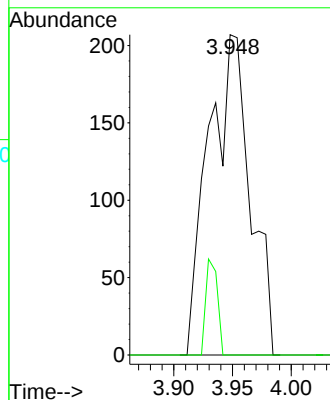
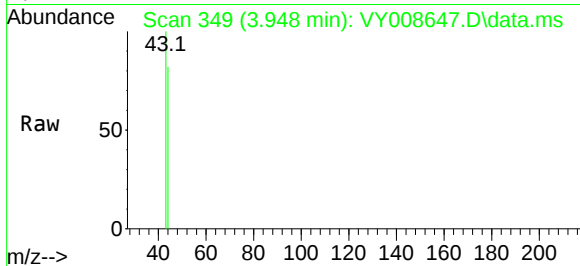
SB-10.8

Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: 1.776 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008647.D

Acq: 05 May 2022 05:58

Tgt Ion: 84 Resp: 5013

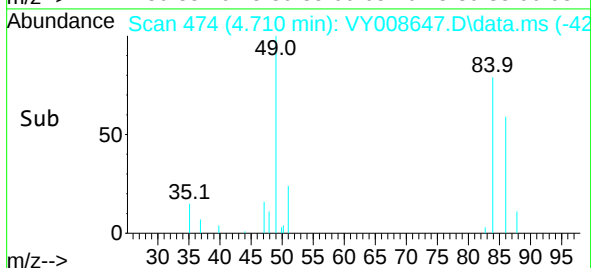
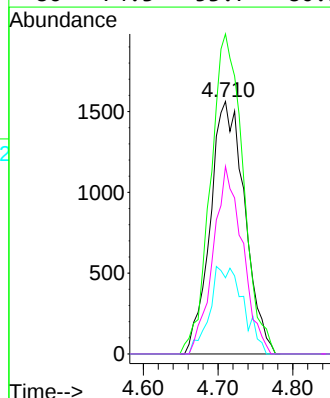
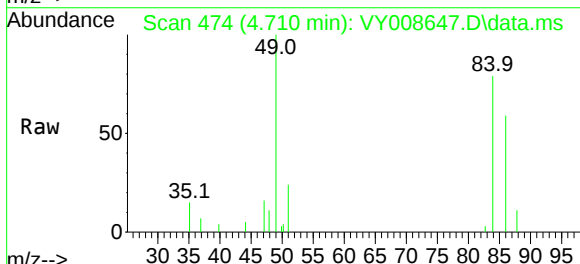
Ion Ratio Lower Upper

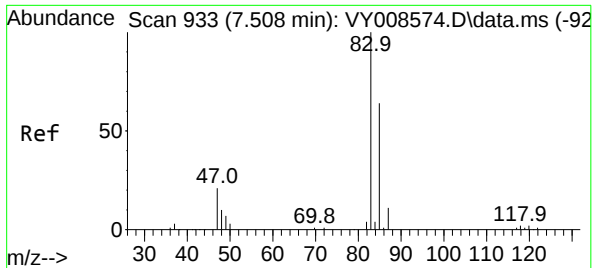
84 100

49 126.8 114.4 171.6

51 30.2 35.3 52.9#

86 74.3 53.7 80.5

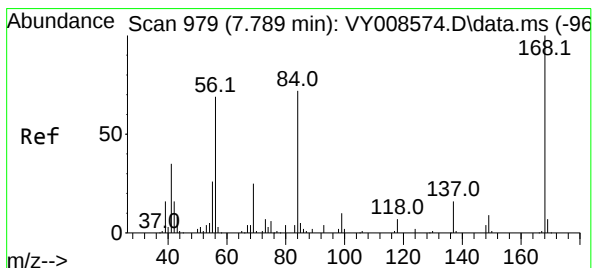
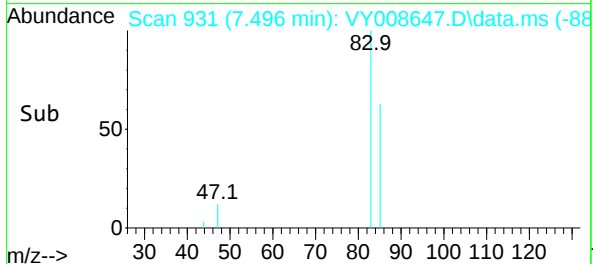
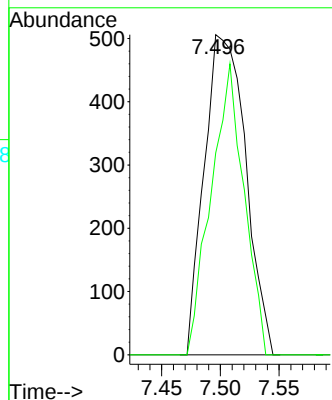
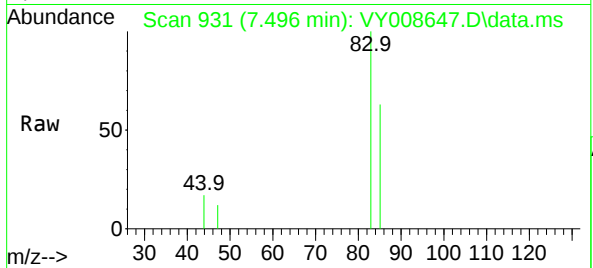




#30
Chloroform
Concen: 1.144 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

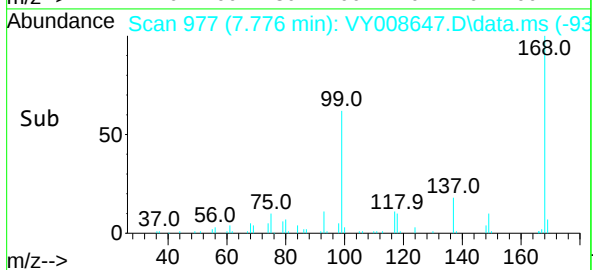
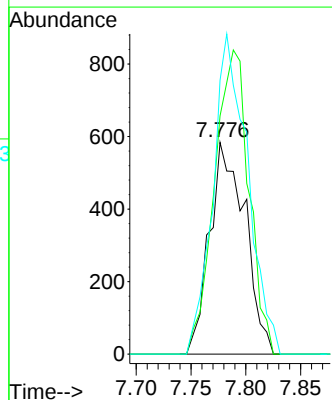
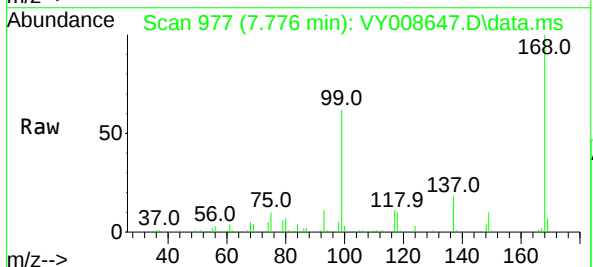
Instrument :
MSVOA_Y
ClientSampleId :
SB-10.8

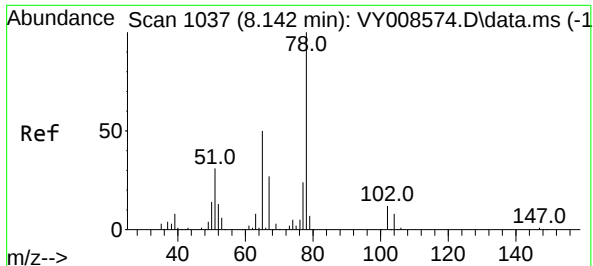
Tgt Ion: 83 Resp: 1241
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

Tgt Ion: 56 Resp: 1312
Ion Ratio Lower Upper
56 100
69 112.5 26.7 40.1#
84 129.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 68.251 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008647.D

Acq: 05 May 2022 05:58

Instrument :

MSVOA_Y

ClientSampleId :

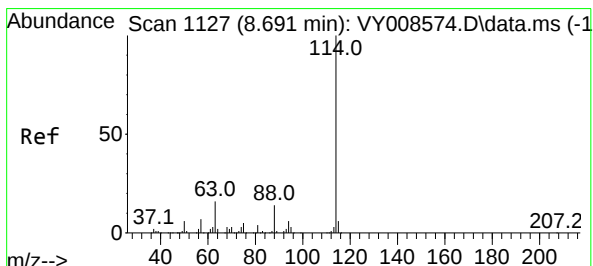
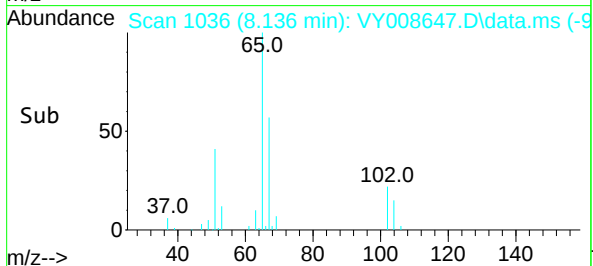
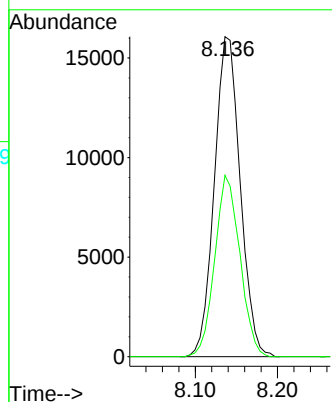
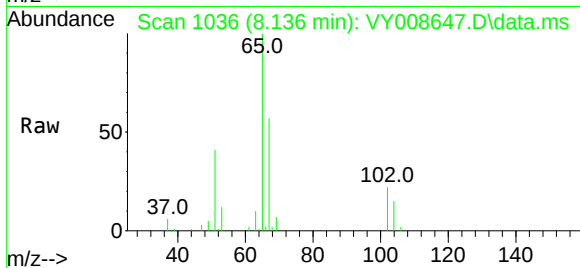
SB-10,8

Tgt Ion: 65 Resp: 35137

Ion Ratio Lower Upper

65 100

67 55.2 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: VY008647.D

Acq: 05 May 2022 05:58

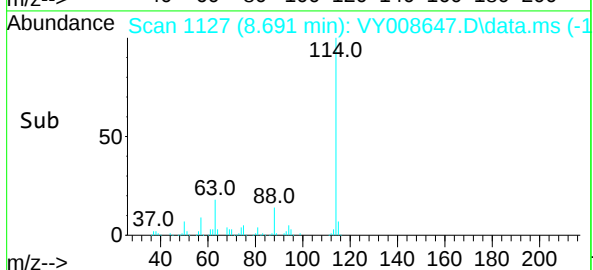
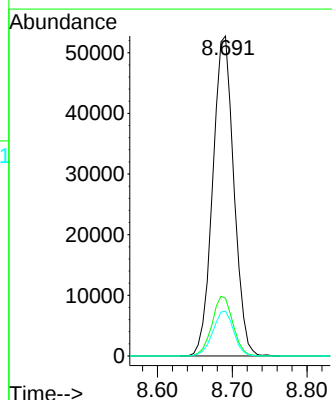
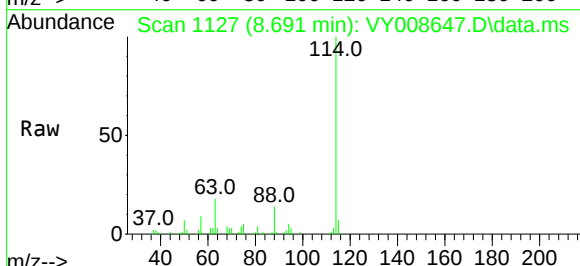
Tgt Ion: 114 Resp: 103567

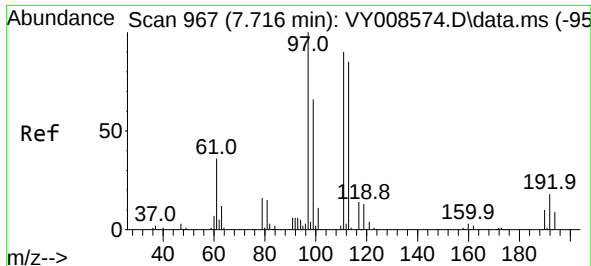
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8

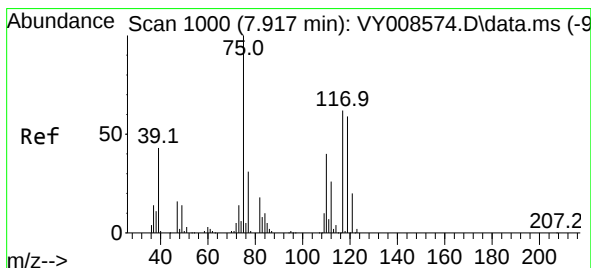
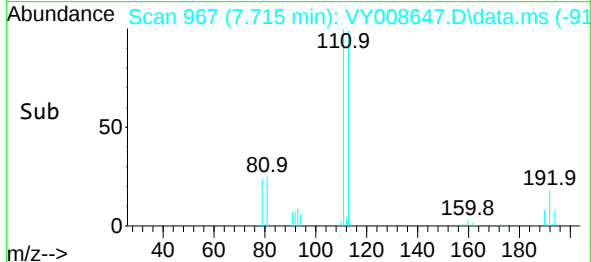
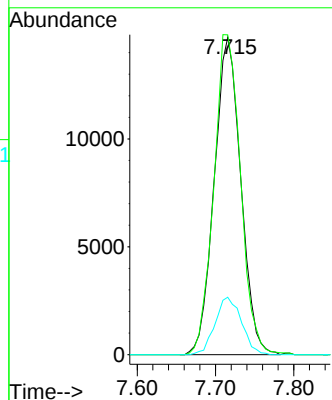
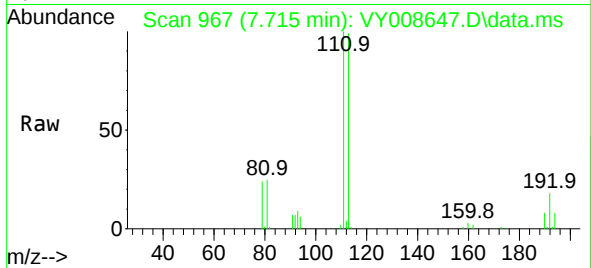




#35
Dibromofluoromethane
Concen: 50.541 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

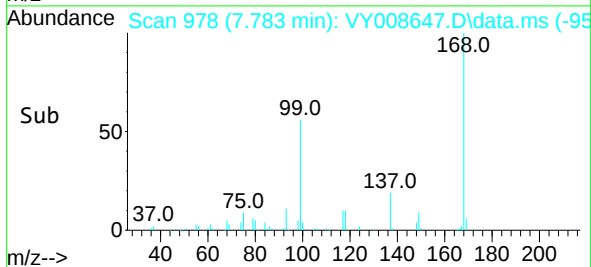
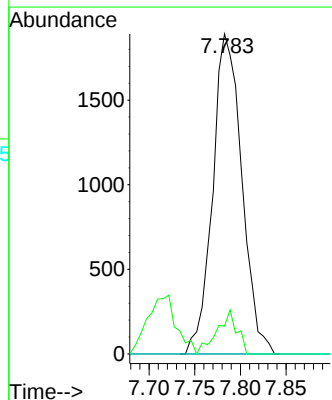
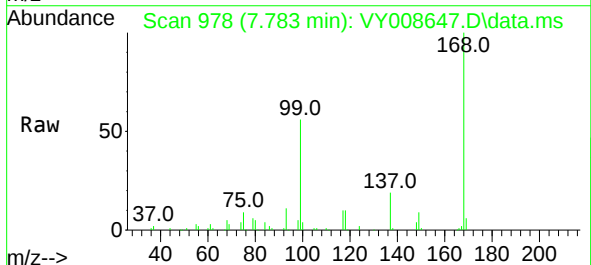
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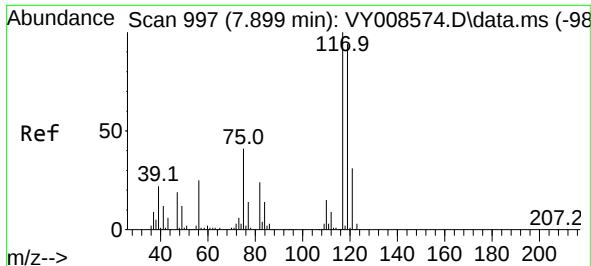
Tgt Ion:113 Resp: 34636
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.934 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

Tgt Ion: 75 Resp: 4192
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

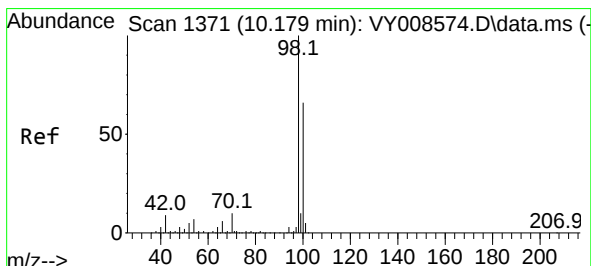
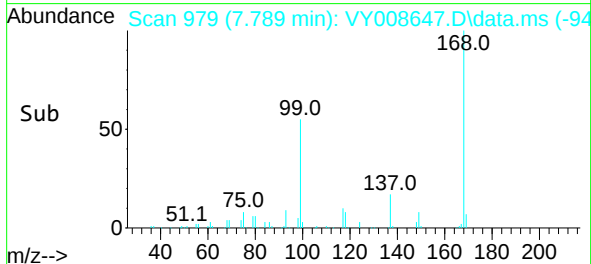
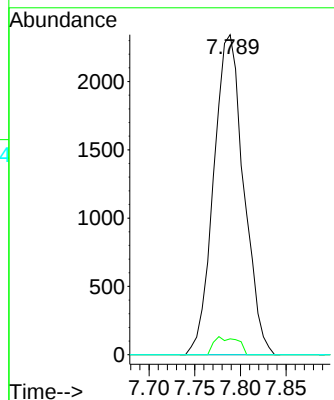
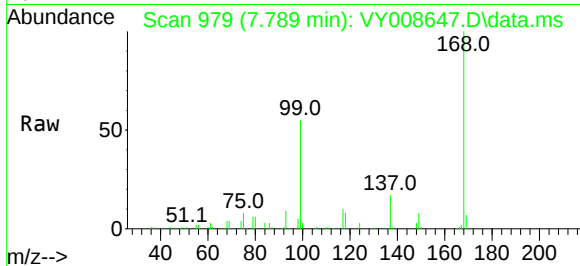




#38
Carbon Tetrachloride
Concen: 4.406 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

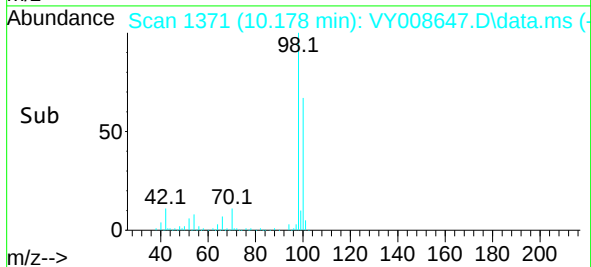
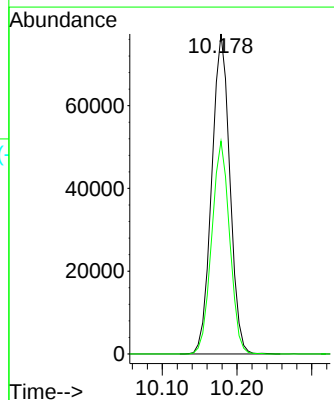
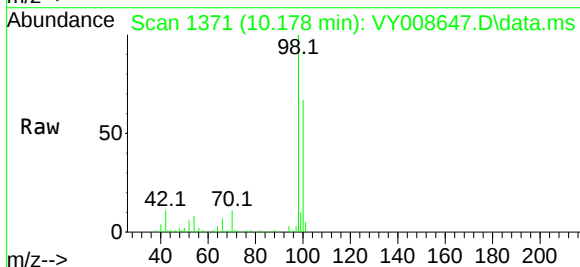
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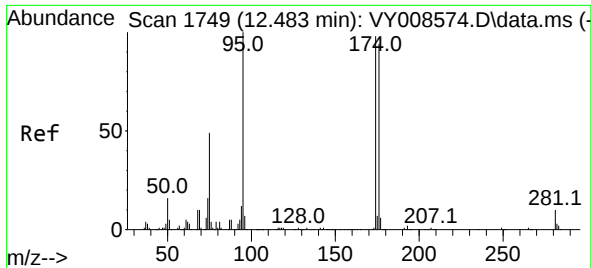
Tgt Ion:117 Resp: 5357
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.535 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

Tgt Ion: 98 Resp: 129978
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

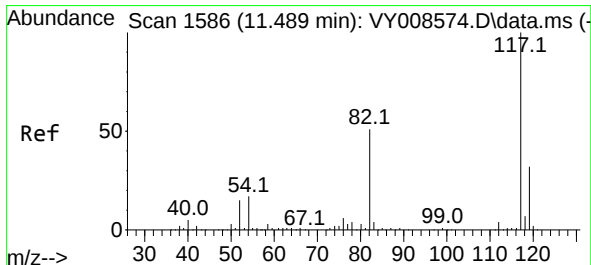
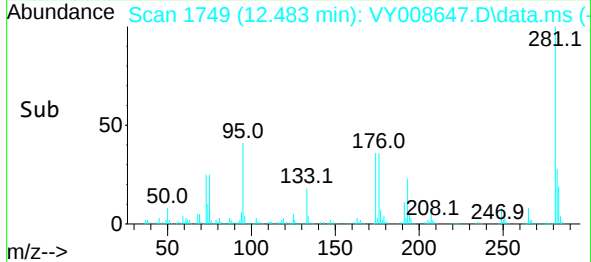
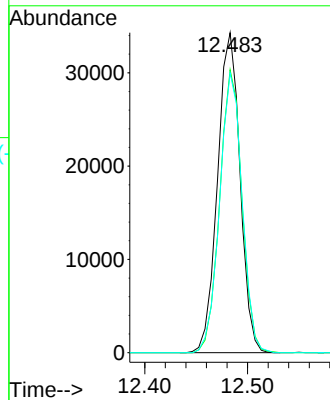
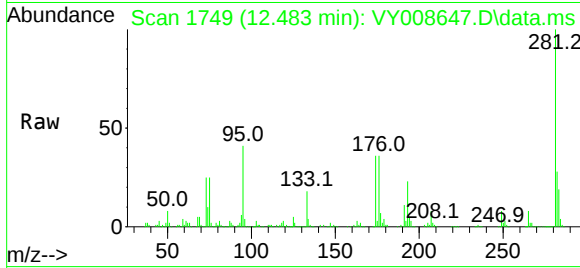




#62
4-Bromofluorobenzene
Concen: 58.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

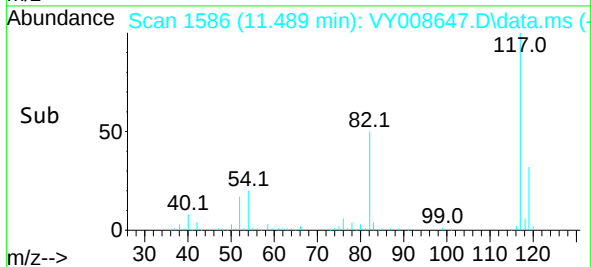
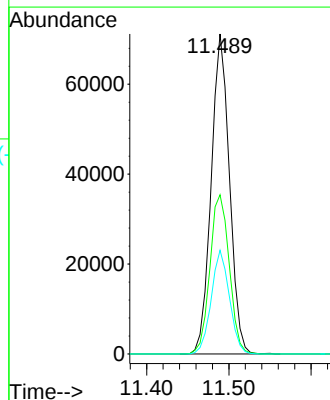
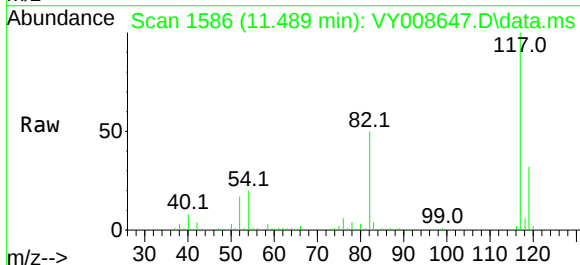
Instrument :
MSVOA_Y
ClientSampleId :
SB-10.8

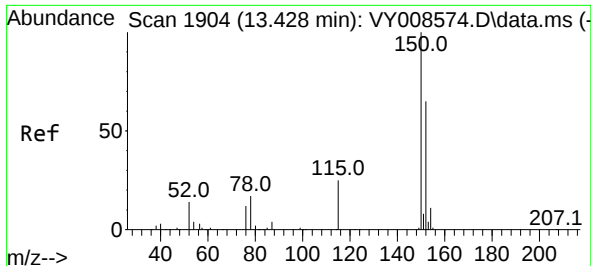
Tgt Ion: 95 Resp: 51948
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008647.D
Acq: 05 May 2022 05:58

Tgt Ion: 117 Resp: 109913
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 32.4 25.4 38.0

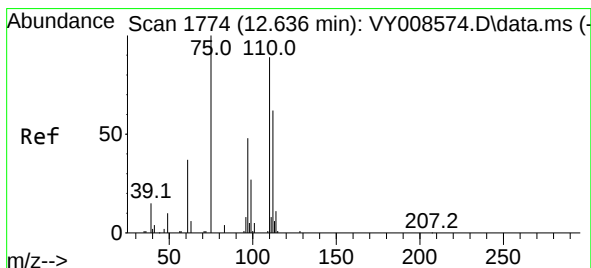
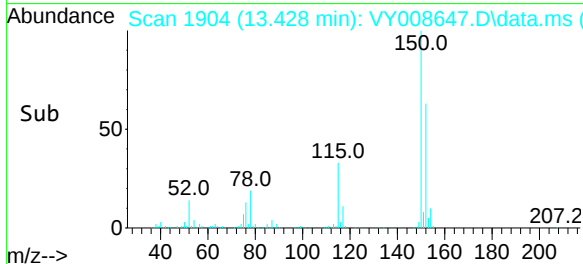
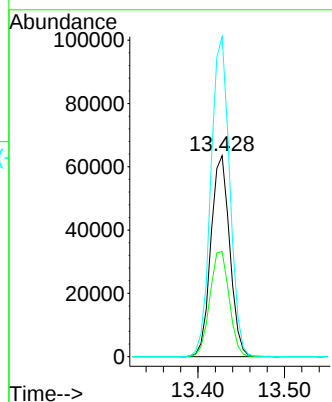
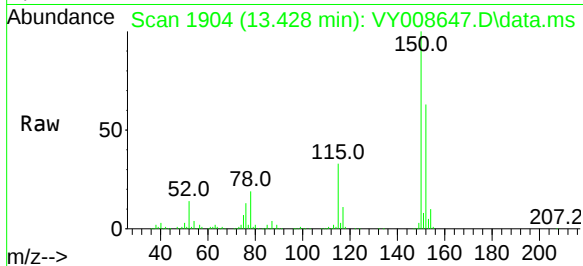




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008647.D
 Acq: 05 May 2022 05:58

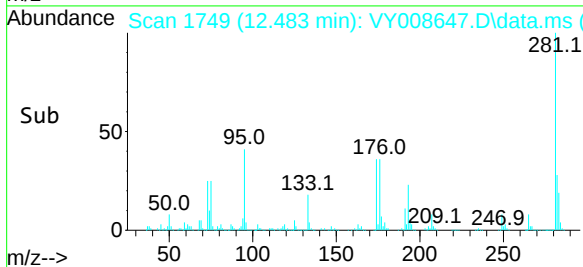
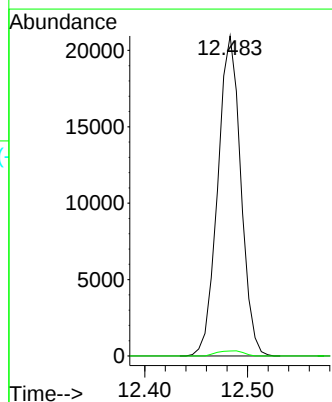
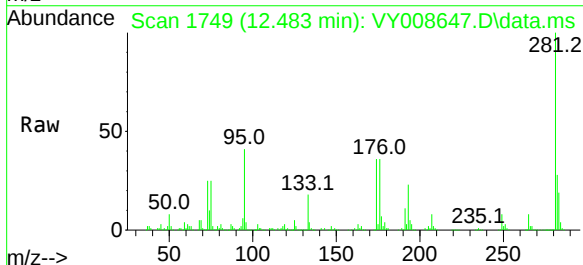
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10.8

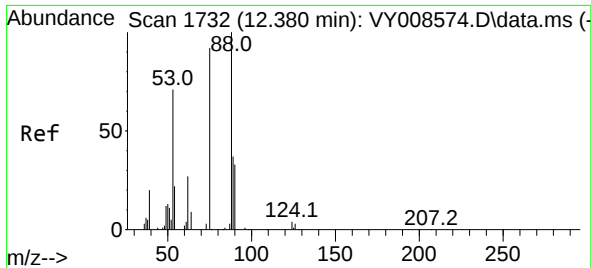
Tgt Ion:152 Resp: 96015
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 31.839 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008647.D
 Acq: 05 May 2022 05:58

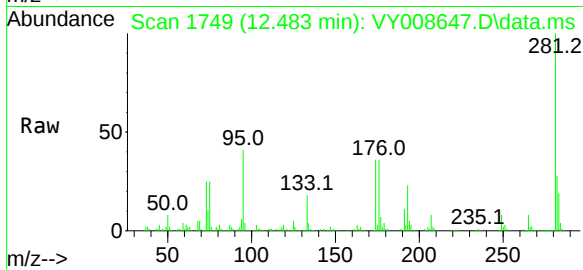
Tgt Ion: 75 Resp: 32633
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.551 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008647.D
 Acq: 05 May 2022 05:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10,8



Tgt Ion: 75 Resp: 32633
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.5 37.0 55.4#

