

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009863.D
 Acq On : 05 Aug 2022 20:09
 Operator : KP/MD
 Sample : N4064-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: Aug 06 01:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

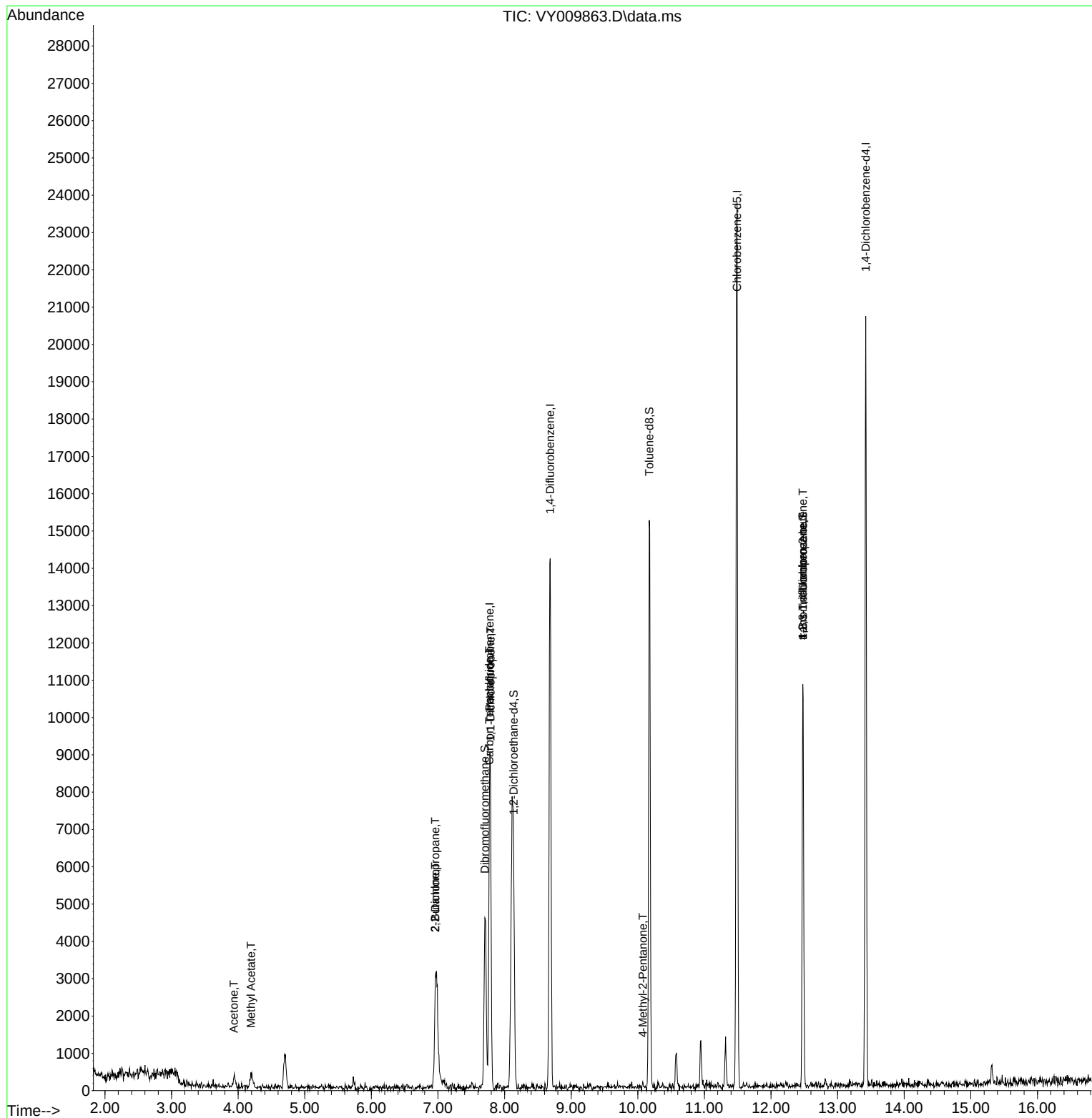
Internal Standards						
1) Pentafluorobenzene	7.777	168	7066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3876	69.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.080%	
35) Dibromofluoromethane	7.704	113	3226	43.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.820%	
50) Toluene-d8	10.173	98	9785	44.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 88.040%	
62) 4-Bromofluorobenzene	12.477	95	2853	28.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 56.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	492	24.598	ug/l	93
18) Methyl Acetate	4.192	43	173	2.899	ug/l #	52
20) Methylene Chloride	4.710	84	678	Below Cal	#	79
25) 2-Butanone	6.960	43	74	2.262	ug/l #	53
26) 2,2-Dichloropropane	6.960	77	281	2.107	ug/l #	52
36) 1,1-Dichloropropene	7.789	75	634	5.142	ug/l #	41
38) Carbon Tetrachloride	7.771	117	760	5.861	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	114	1.444	ug/l #	39
76) 1,2,3-Trichloropropane	12.477	75	1547	26.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1547	55.935	ug/l #	12

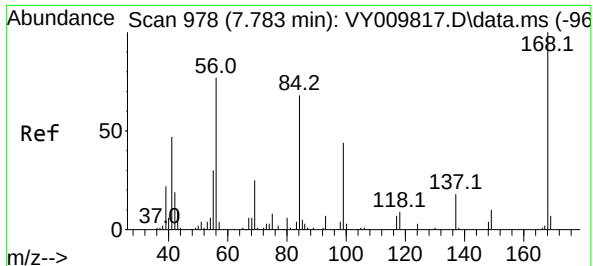
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009863.D
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Operator : KP/MD
Sample : N4064-02
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Quant Time: Aug 06 01:22:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration

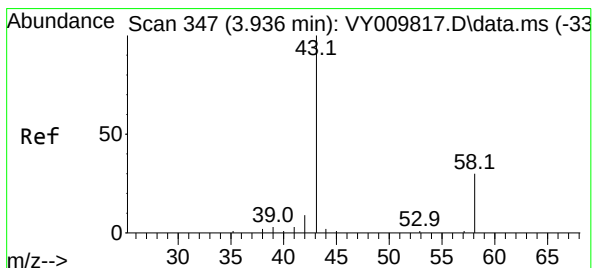
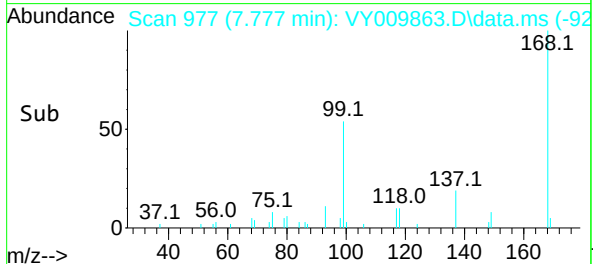
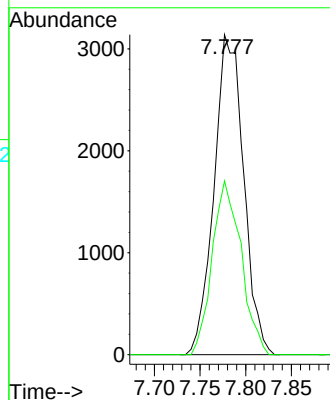
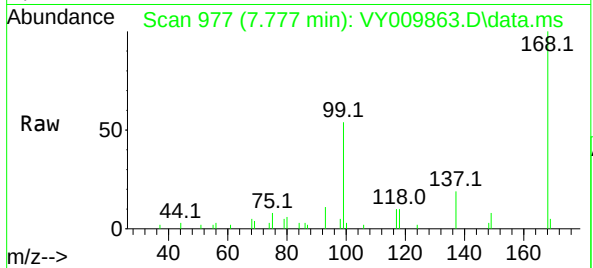




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

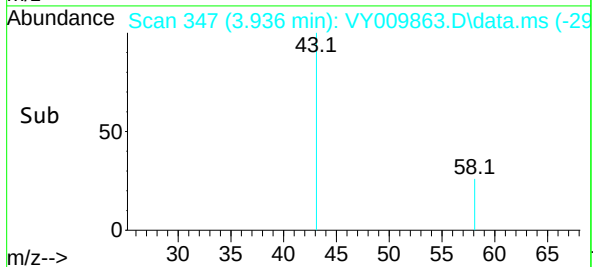
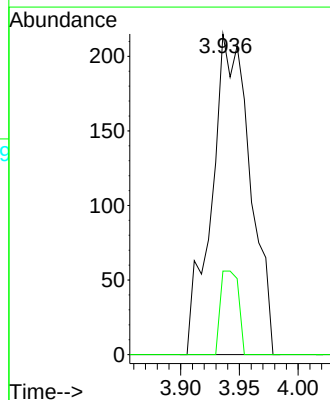
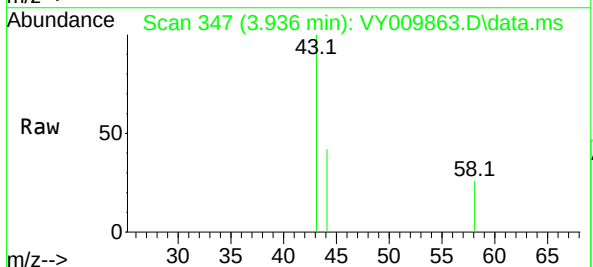
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

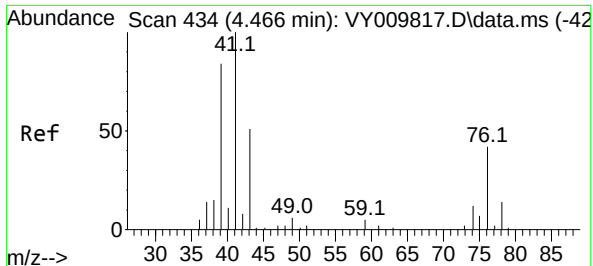
Tgt Ion:168 Resp: 7066
Ion Ratio Lower Upper
168 100
99 54.3 44.7 67.1



#16
Acetone
Concen: 24.598 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 26.0 24.1 36.1

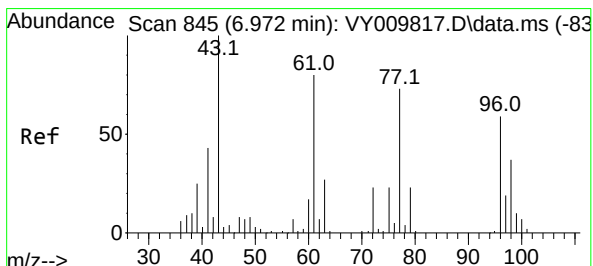
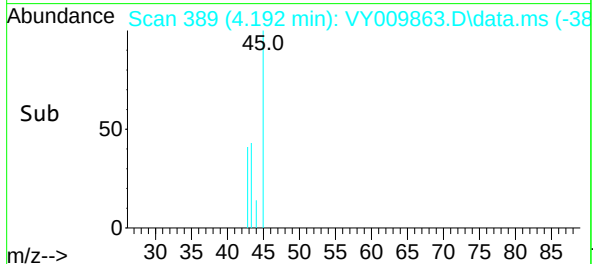
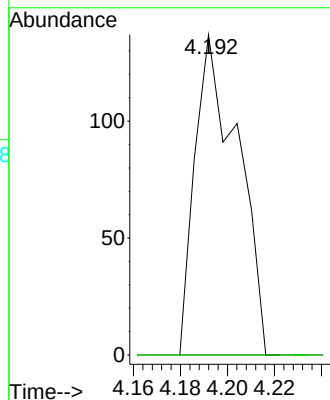
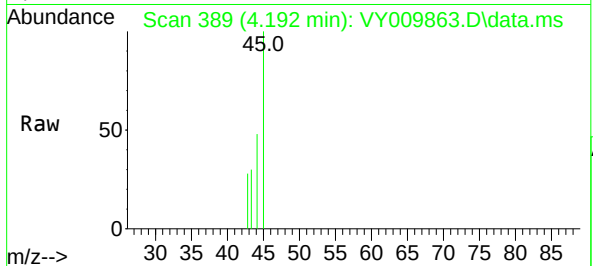




#18
Methyl Acetate
Concen: 2.899 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.275 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

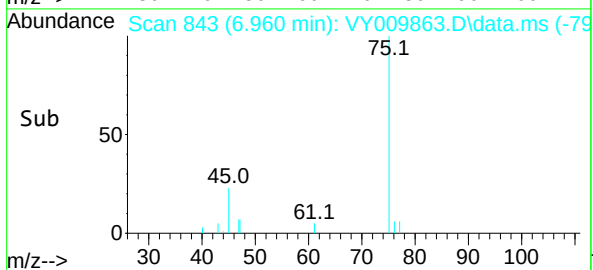
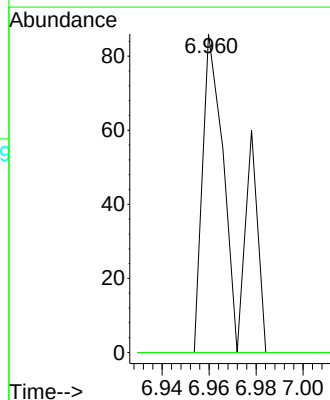
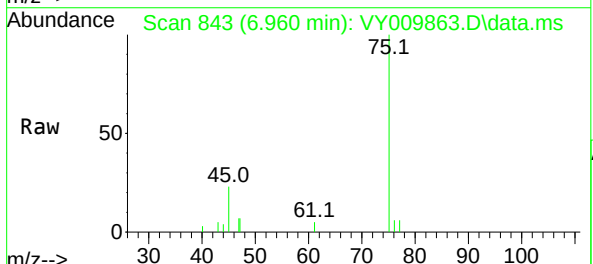
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

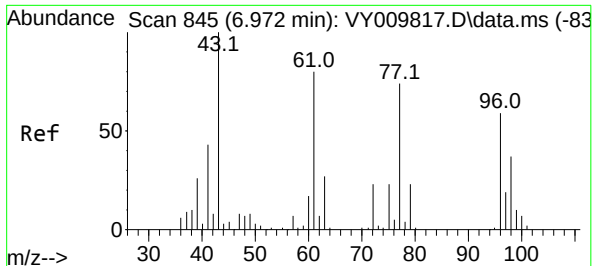
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#25
2-Butanone
Concen: 2.262 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#





#26

2,2-Dichloropropane

Concen: 2.107 ug/l

RT: 6.960 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009863.D

Acq: 05 Aug 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

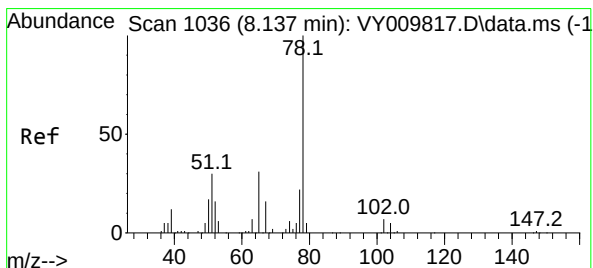
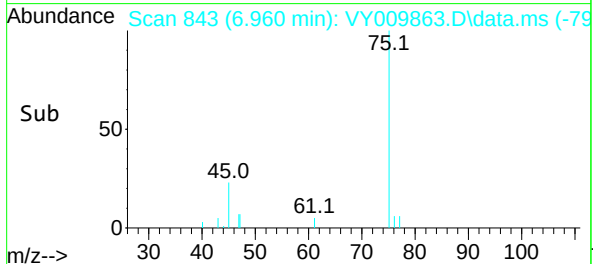
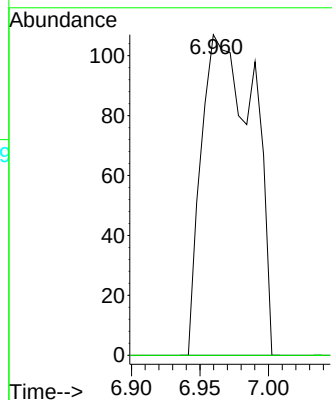
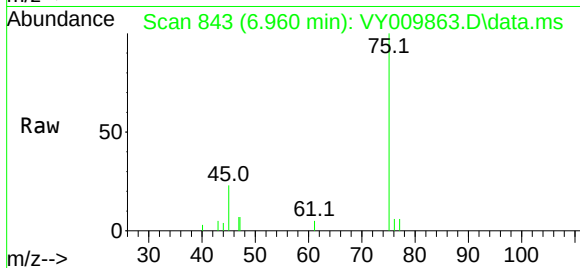
SB-02

Tgt Ion: 77 Resp: 281

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#33

1,2-Dichloroethane-d4

Concen: 69.039 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009863.D

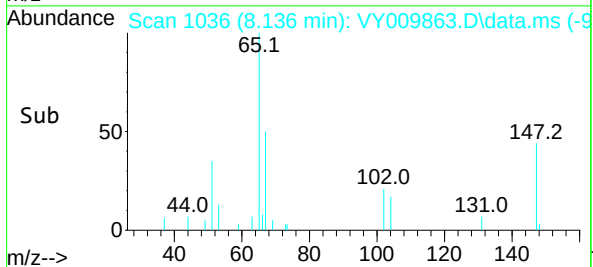
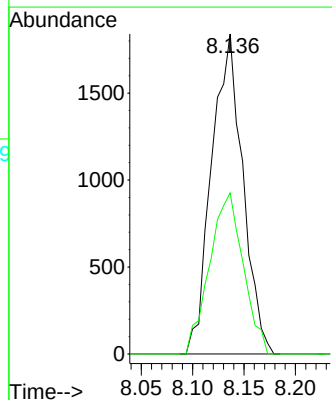
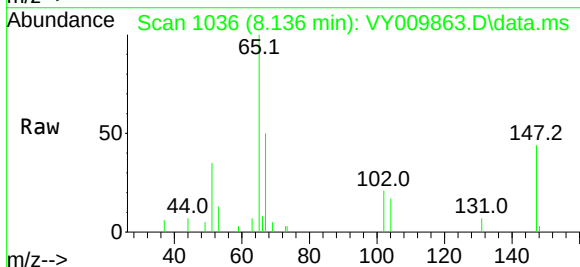
Acq: 05 Aug 2022 20:09

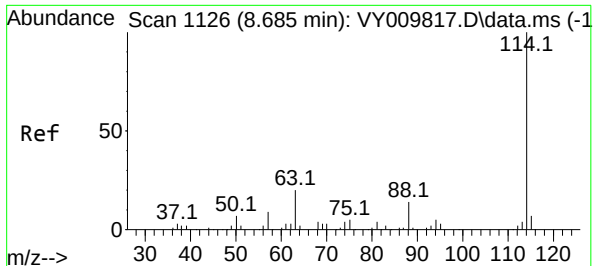
Tgt Ion: 65 Resp: 3876

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009863.D

Acq: 05 Aug 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-02

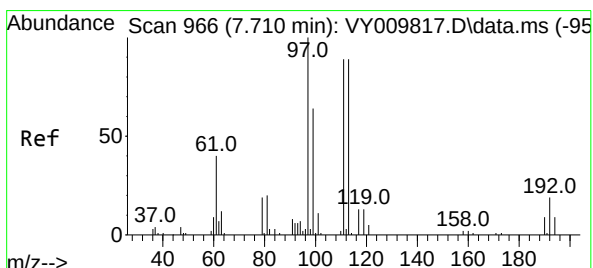
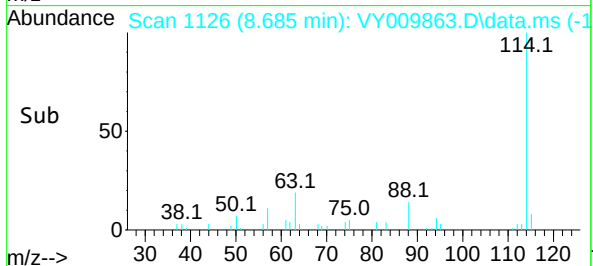
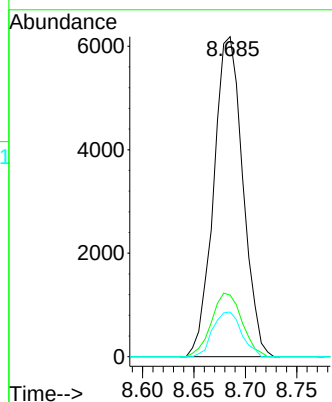
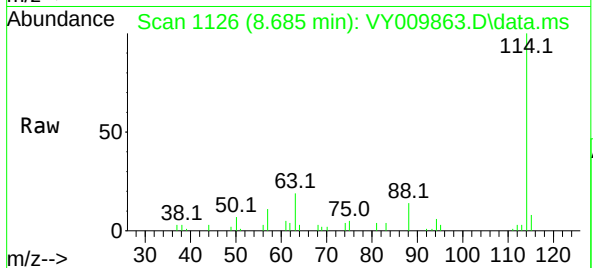
Tgt Ion:114 Resp: 12189

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.0 0.0 27.6



#35

Dibromofluoromethane

Concen: 43.408 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009863.D

Acq: 05 Aug 2022 20:09

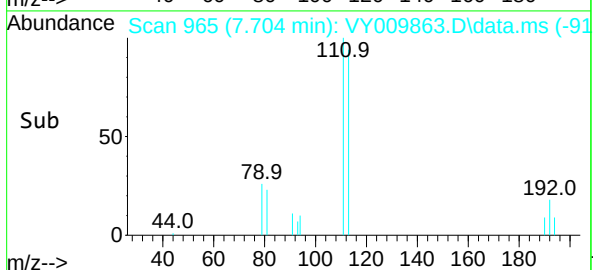
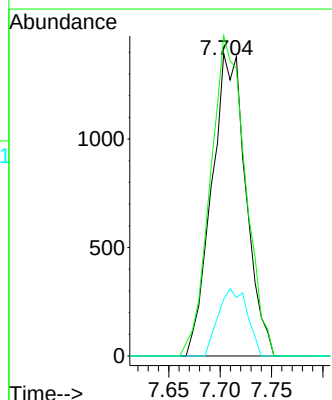
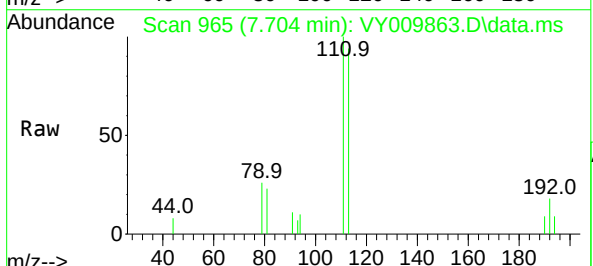
Tgt Ion:113 Resp: 3226

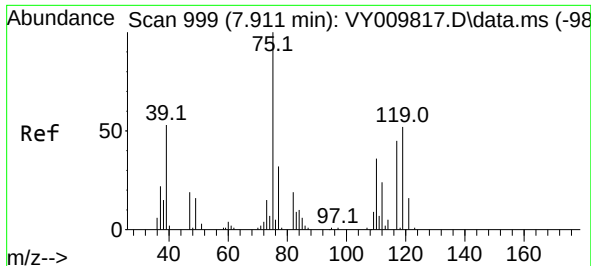
Ion Ratio Lower Upper

113 100

111 108.0 82.4 123.6

192 18.8 16.5 24.7

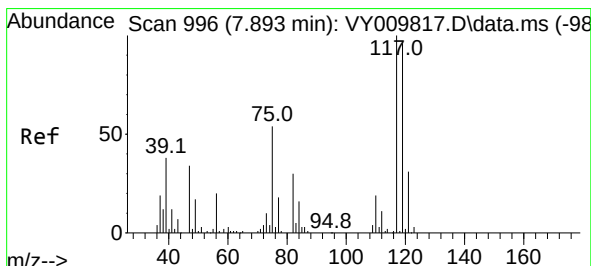
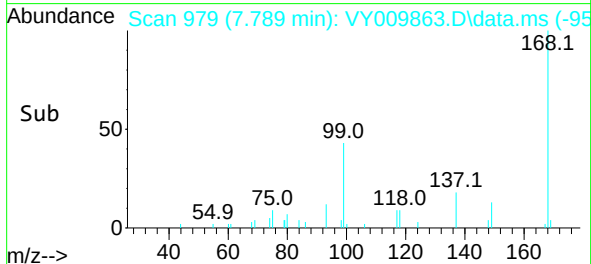
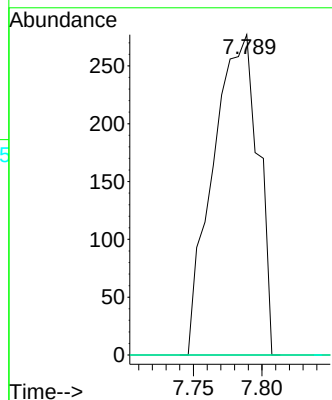
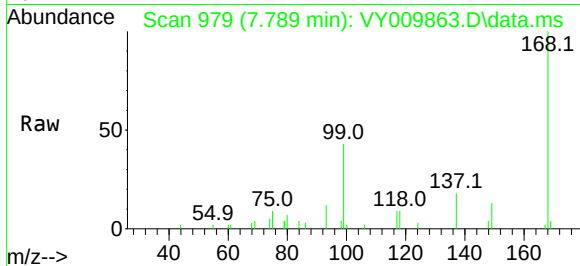




#36
 1,1-Dichloropropene
 Concen: 5.142 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009863.D
 Acq: 05 Aug 2022 20:09

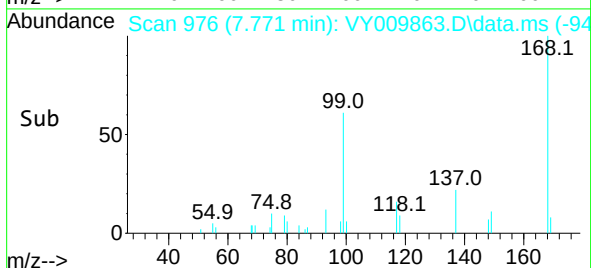
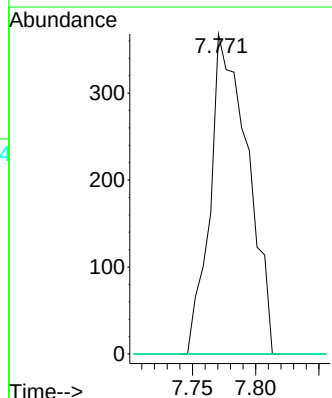
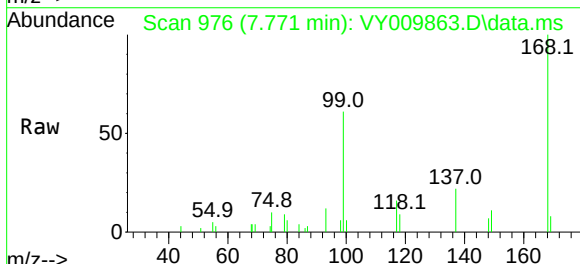
Instrument :
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 ClientSampleId :
 SB-02

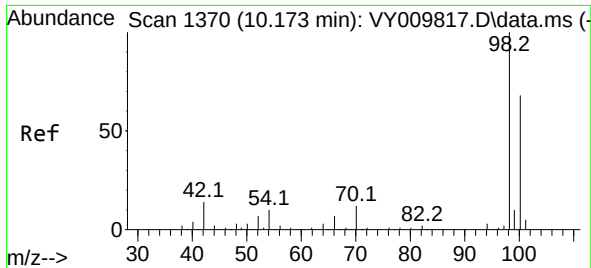
Tgt Ion: 75 Resp: 634
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.8 53.4#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.861 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. -0.122 min
 Lab File: VY009863.D
 Acq: 05 Aug 2022 20:09

Tgt Ion: 117 Resp: 760
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.8 115.2#
 121 0.0 24.9 37.3#

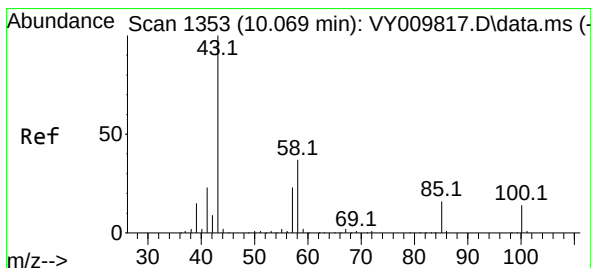
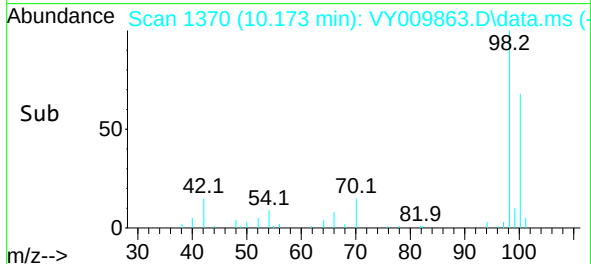
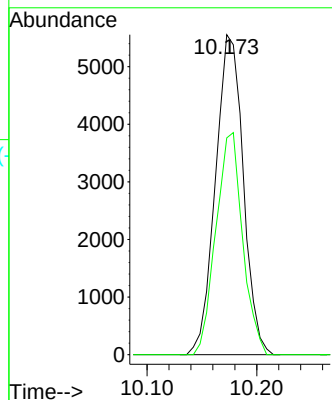
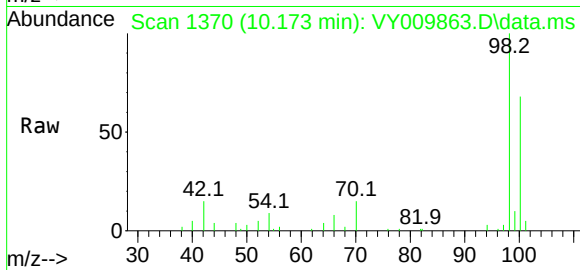




#50
Toluene-d8
Concen: 44.021 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

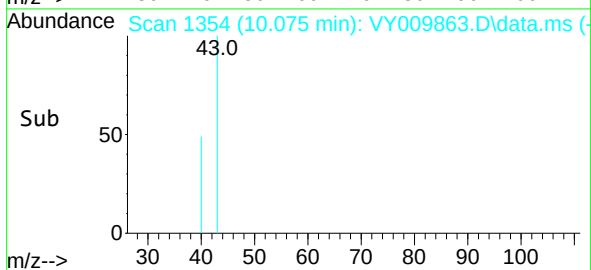
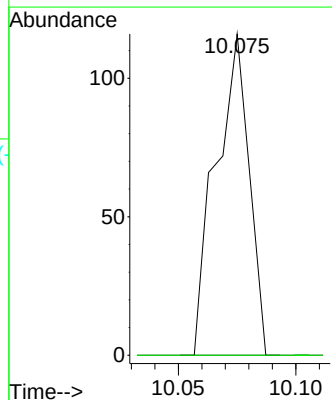
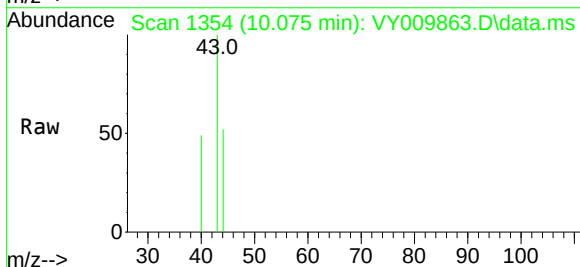
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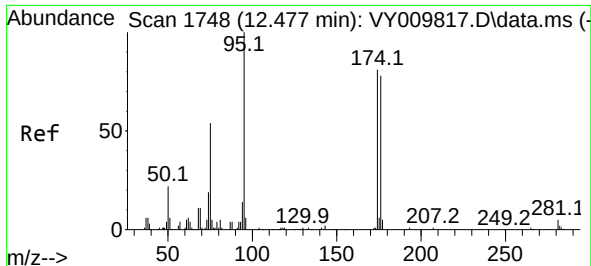
Tgt Ion: 98 Resp: 9785
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.444 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#

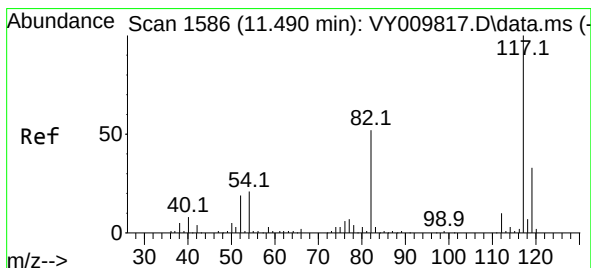
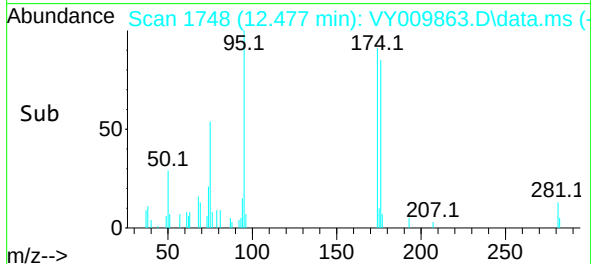
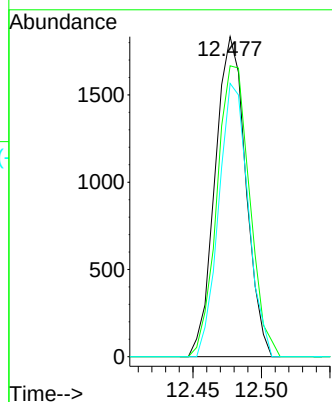
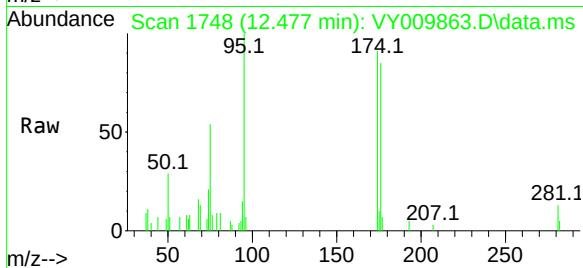




#62
4-Bromofluorobenzene
Concen: 28.350 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

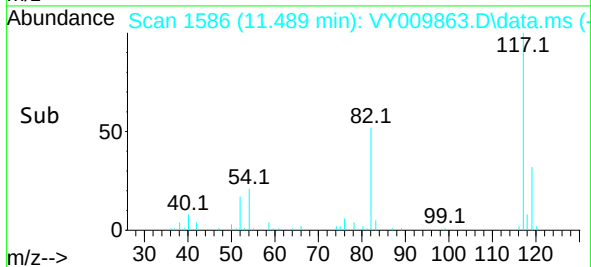
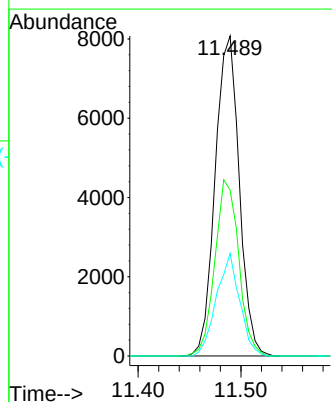
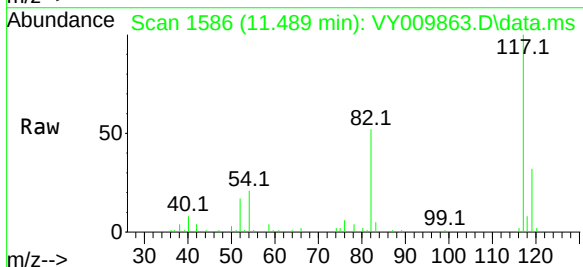
Instrument :
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ClientSampleId :
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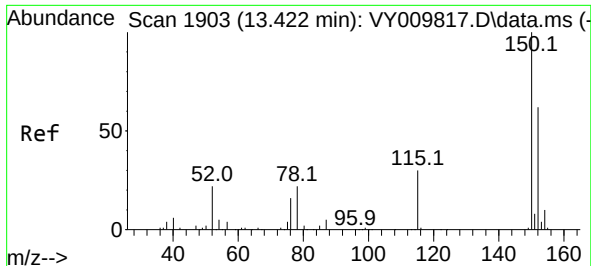
Tgt Ion: 95 Resp: 2853
Ion Ratio Lower Upper
95 100
174 96.6 0.0 168.6
176 81.7 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009863.D
Acq: 05 Aug 2022 20:09

Tgt Ion: 117 Resp: 13139
Ion Ratio Lower Upper
117 100
82 51.8 41.7 62.5
119 32.1 26.6 40.0

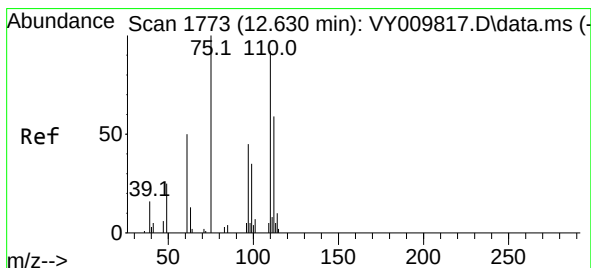
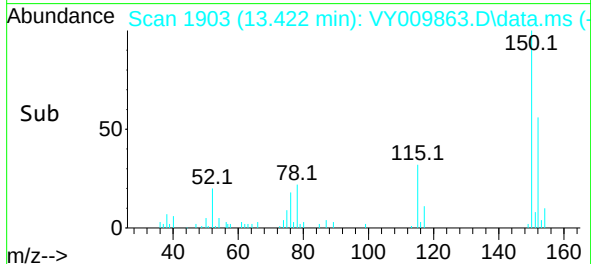
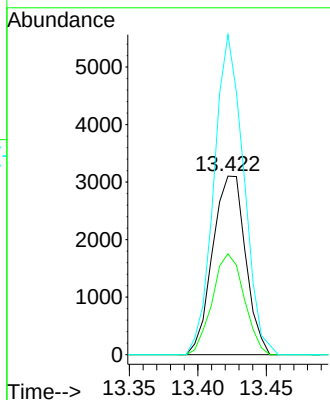
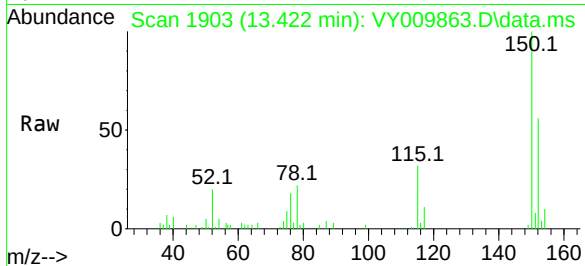




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009863.D
 Acq: 05 Aug 2022 20:09

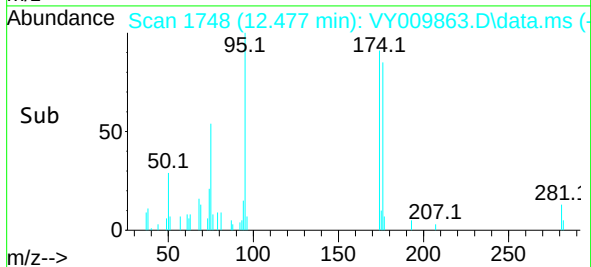
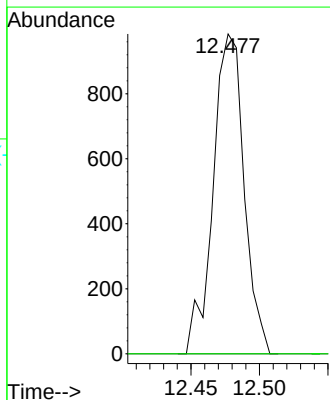
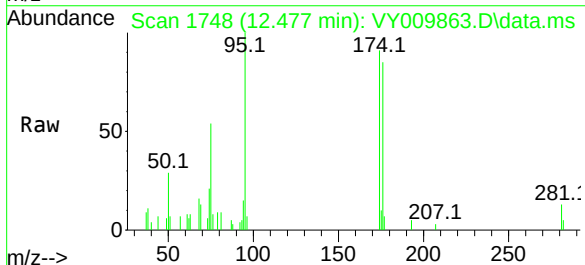
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

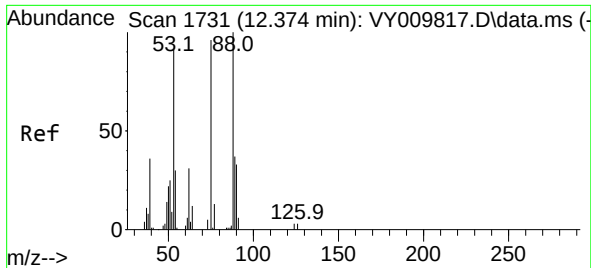
Tgt Ion:152 Resp: 5189
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.9 86.7
 150 161.5 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 26.062 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009863.D
 Acq: 05 Aug 2022 20:09

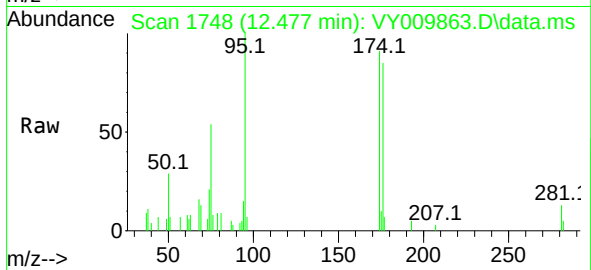
Tgt Ion: 75 Resp: 1547
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.935 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009863.D
 Acq: 05 Aug 2022 20:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02



Tgt Ion:	75	Resp:	1547
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	35.3	52.9#

