

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061605.D
 Acq On : 12 Nov 2024 16:11
 Operator : MD/SY
 Sample : P4635-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 05:08:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

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

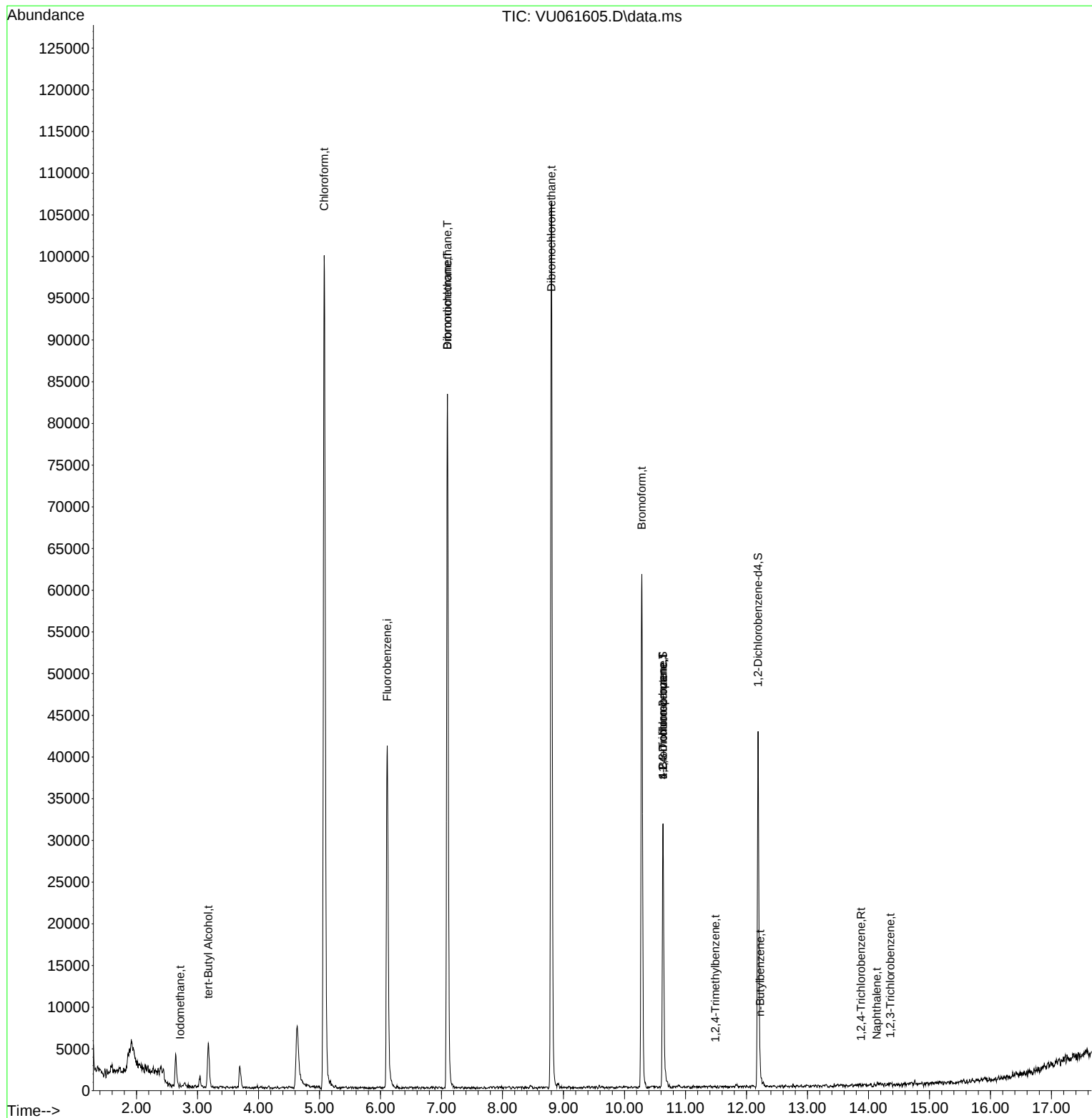
Internal Standards						
1) Fluorobenzene	6.110	96	40922	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12201	0.859	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12896	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
10) Iodomethane	2.714	142	19	0.736	ug/l #	32
24) tert-Butyl Alcohol	3.177	59	3165	4.583	ug/l #	73
27) Chloroform	5.078	83	93607	4.689	ug/l	99
43) Dibromomethane	7.097	93	1738	0.296	ug/l #	5
44) Bromodichloromethane	7.097	83	56406	4.253	ug/l	98
46) t-1,4-Dichloro-2-butene	10.631	75	6665	2.229	ug/l #	31
55) Dibromochloromethane	8.801	129	56487	6.482	ug/l	98
67) Bromoform	10.283	173	28482	6.300	ug/l	98
71) 1,2,3-Trichloropropane	10.631	75	6665	0.836	ug/l #	50
78) 1,2,4-Trimethylbenzene	11.489	105	64	0.242	ug/l #	31
84) n-Butylbenzene	12.225	91	72	0.264	ug/l #	34
87) 1,2,4-Trichlorobenzene	13.878	180	83	0.448	ug/l #	13
89) Naphthalene	14.135	128	169	0.596	ug/l #	69
90) 1,2,3-Trichlorobenzene	14.357	180	87	0.460	ug/l #	11

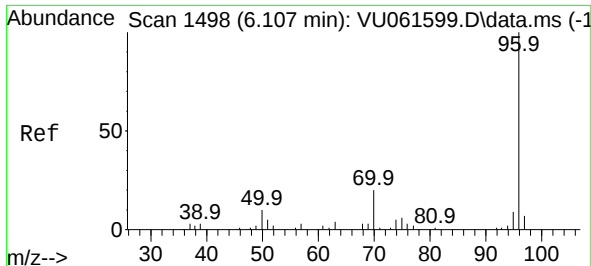
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
Data File : VU061605.D
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

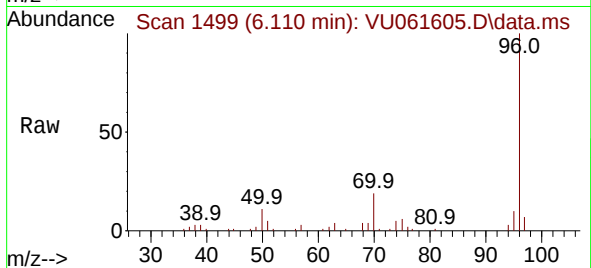
Quant Time: Nov 13 05:08:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Nov 13 05:00:10 2024
Response via : Initial Calibration



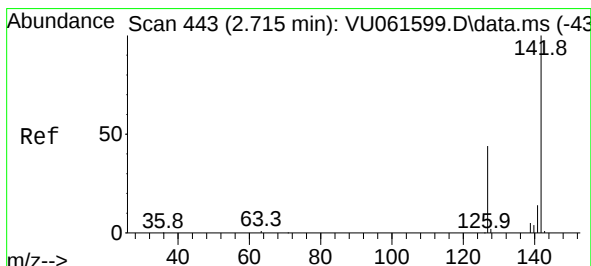
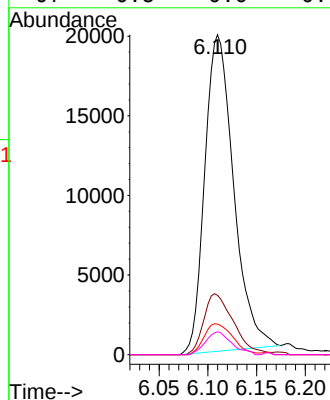
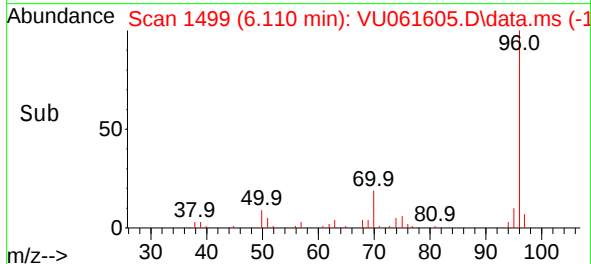


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Instrument :
MSVOA_U
ClientSampleId :

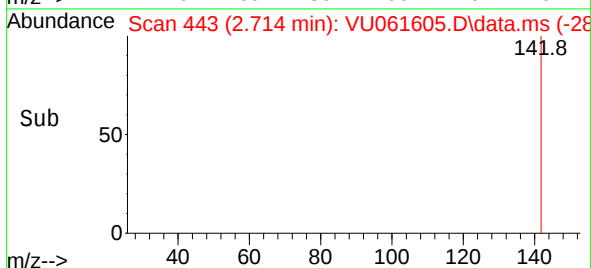
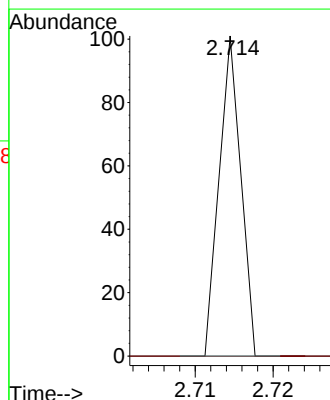
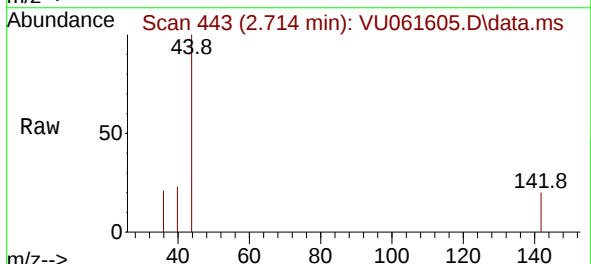


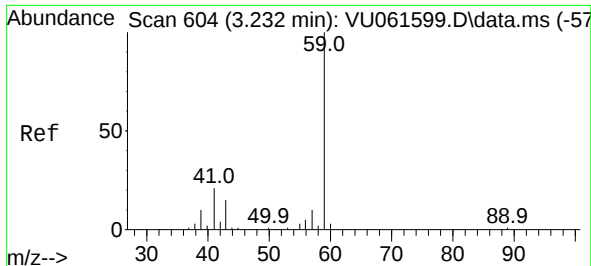
Tgt Ion: 96 Resp: 40922
Ion Ratio Lower Upper
96 100
70 18.9 15.8 23.6
95 9.2 7.3 10.9
97 6.5 0.0 0.0#



#10
Iodomethane
Concen: 0.736 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 34.8 52.2#





#24

tert-Butyl Alcohol

Concen: 4.583 ug/l

RT: 3.177 min Scan# 51

Delta R.T. -0.055 min

Lab File: VU061605.D

Acq: 12 Nov 2024 16:11

Instrument :

MSVOA_U

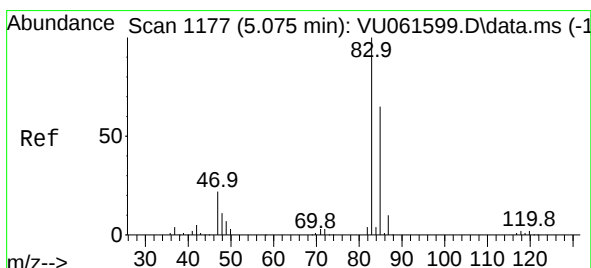
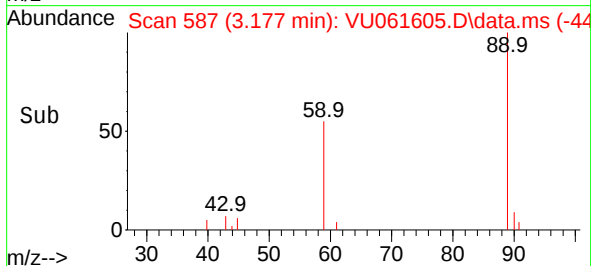
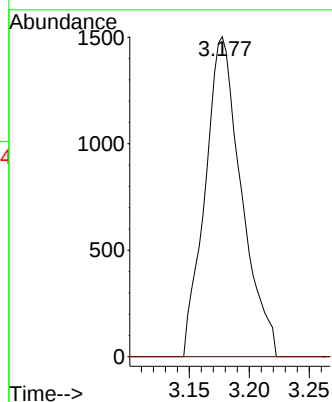
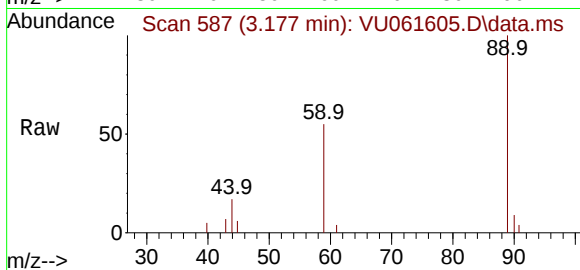
ClientSampleId :

Tgt Ion: 59 Resp: 3165

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#27

Chloroform

Concen: 4.689 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061605.D

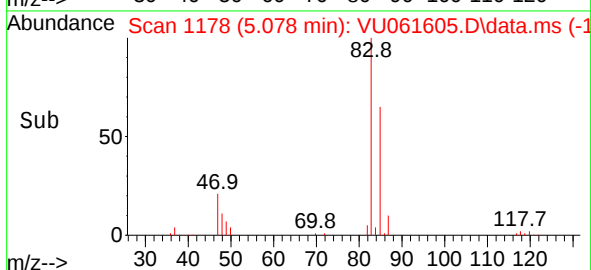
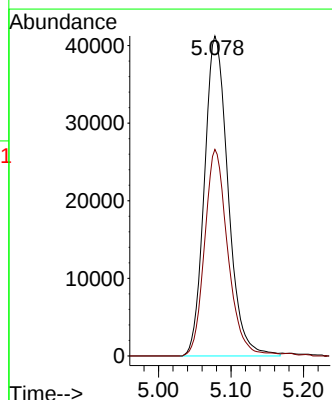
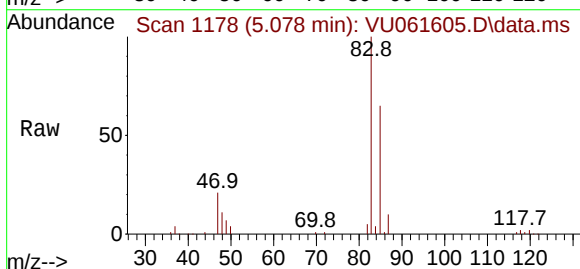
Acq: 12 Nov 2024 16:11

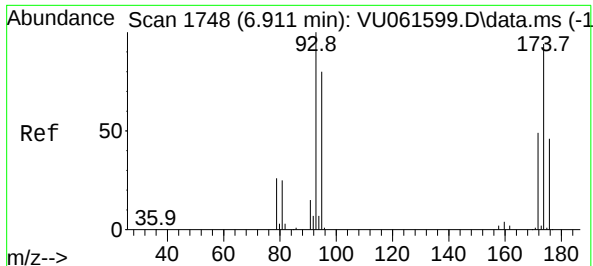
Tgt Ion: 83 Resp: 93607

Ion Ratio Lower Upper

83 100

85 64.5 0.0 130.6





#43

Dibromomethane

Concen: 0.296 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.186 min

Lab File: VU061605.D

Acq: 12 Nov 2024 16:11

Instrument :

MSVOA_U

ClientSampleId :

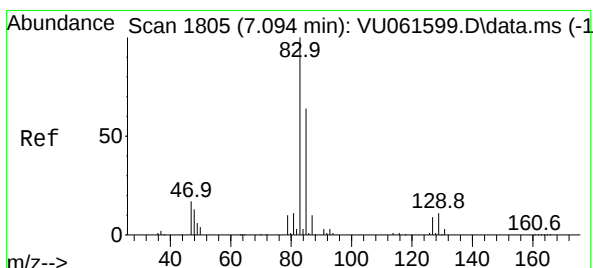
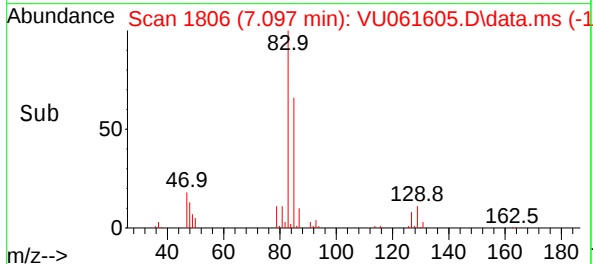
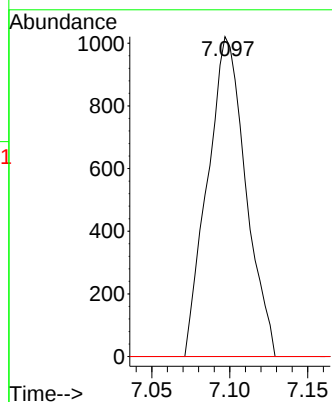
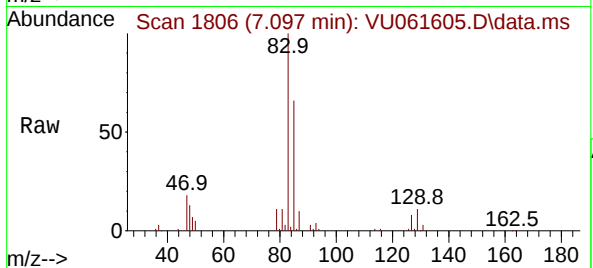
Tgt Ion: 93 Resp: 1738

Ion Ratio Lower Upper

93 100

95 0.0 65.2 97.8#

174 0.0 75.3 112.9#



#44

Bromodichloromethane

Concen: 4.253 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU061605.D

Acq: 12 Nov 2024 16:11

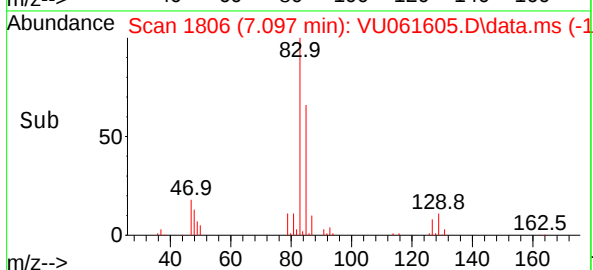
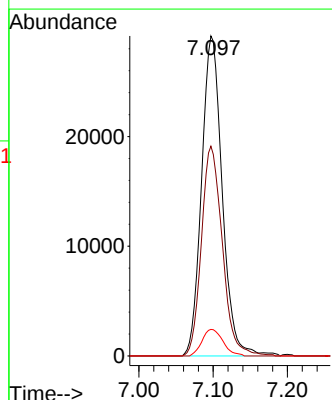
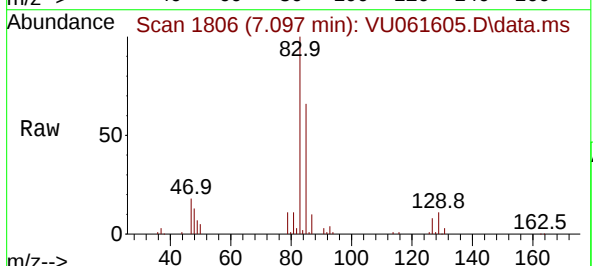
Tgt Ion: 83 Resp: 56406

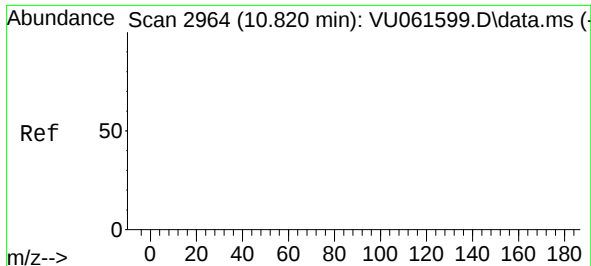
Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.0

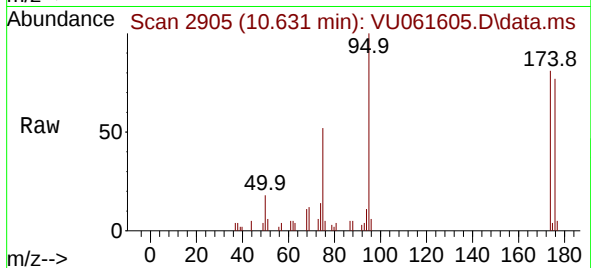
127 8.3 7.2 10.8



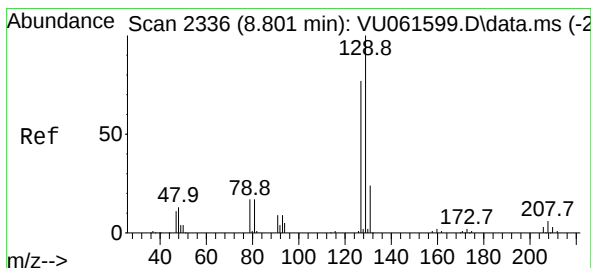
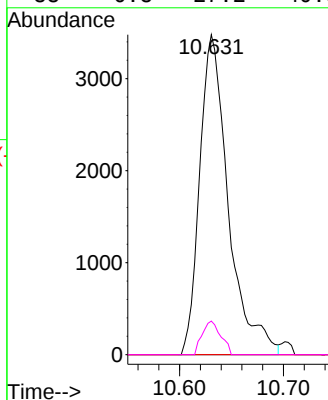
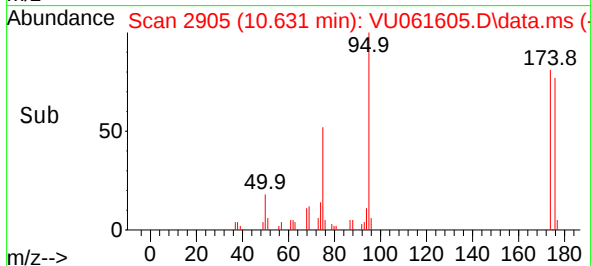


#46
t-1,4-Dichloro-2-butene
Concen: 2.229 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.190 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Instrument :
MSVOA_U
ClientSampleId :

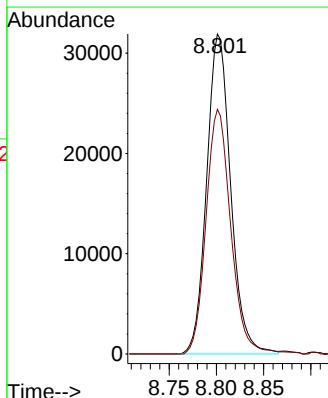
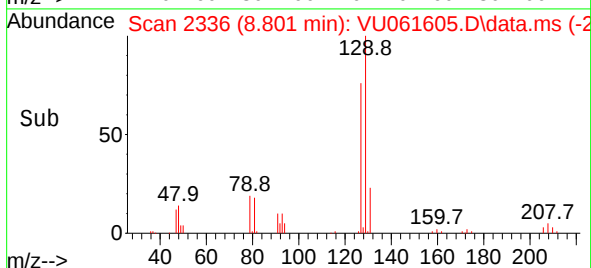
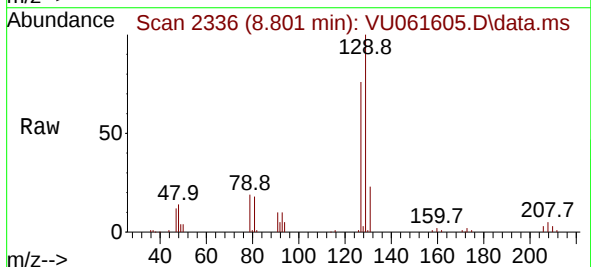


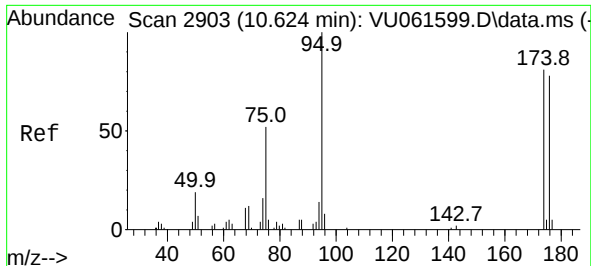
Tgt Ion: 75 Resp: 6665
Ion Ratio Lower Upper
75 100
53 0.0 50.7 76.1#
89 0.0 35.2 52.8#
88 6.8 27.2 40.8#



#55
Dibromochloromethane
Concen: 6.482 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Tgt Ion: 129 Resp: 56487
Ion Ratio Lower Upper
129 100
127 78.7 61.8 92.8

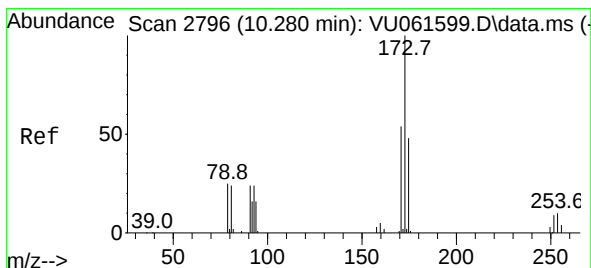
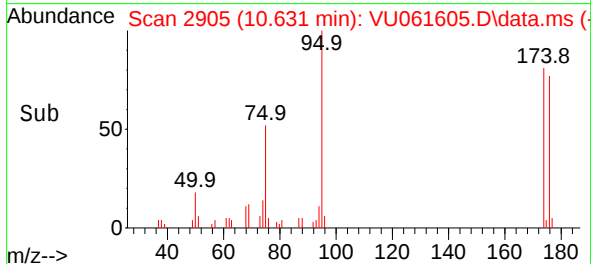
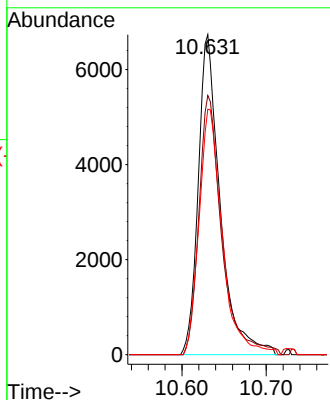
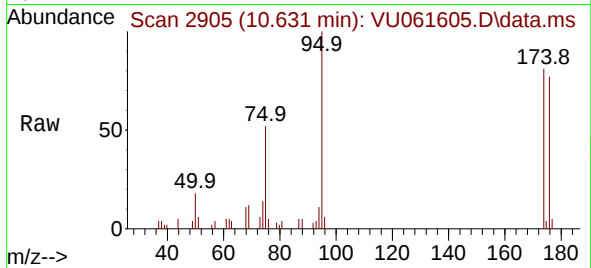




#57
4-Bromofluorobenzene
Concen: 0.859 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.006 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

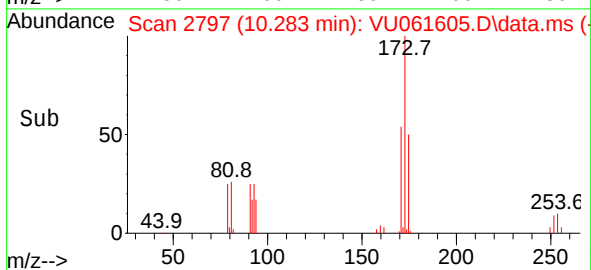
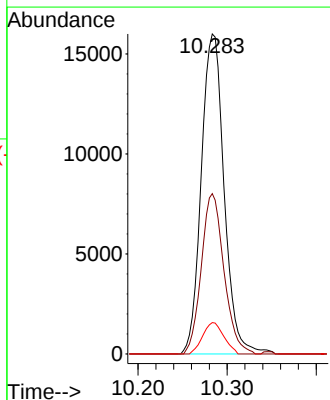
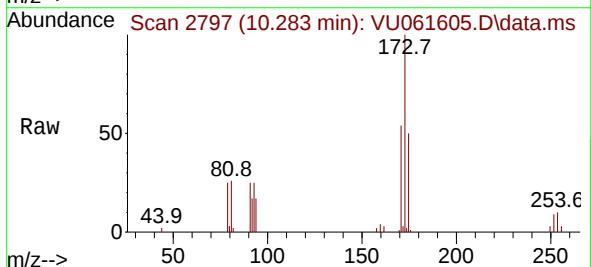
Instrument :
MSVOA_U
ClientSampleId :

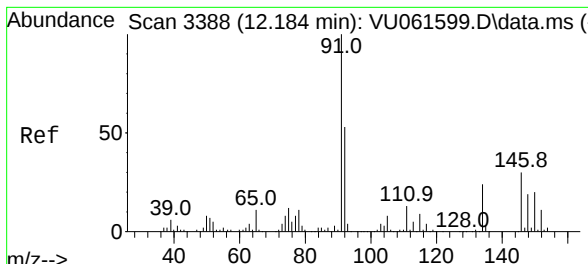
Tgt Ion: 95 Resp: 12201
Ion Ratio Lower Upper
95 100
174 84.3 67.5 101.3
176 81.2 62.7 94.1



#67
Bromoform
Concen: 6.300 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Tgt Ion: 173 Resp: 28482
Ion Ratio Lower Upper
173 100
175 49.6 38.4 57.6
254 9.1 7.7 11.5

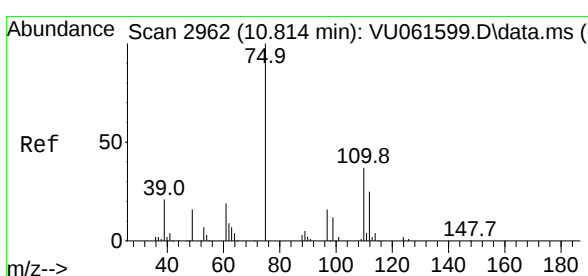
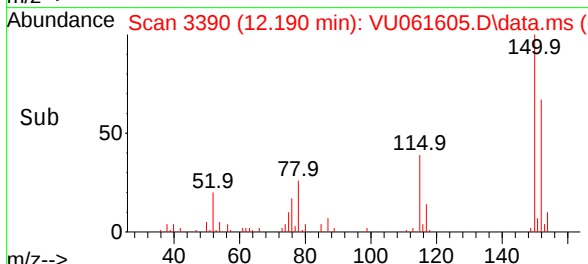
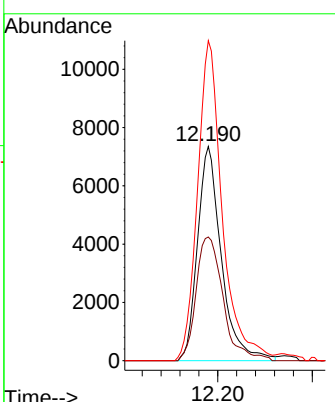
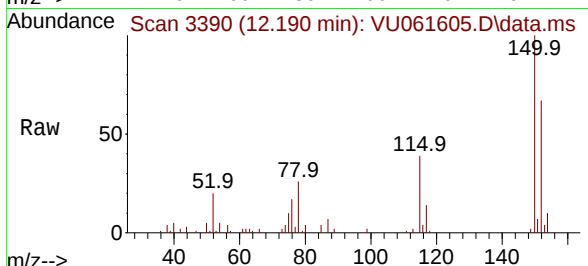




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.912 ug/l
 RT: 12.190 min Scan# 3388
 Delta R.T. 0.006 min
 Lab File: VU061605.D
 Acq: 12 Nov 2024 16:11

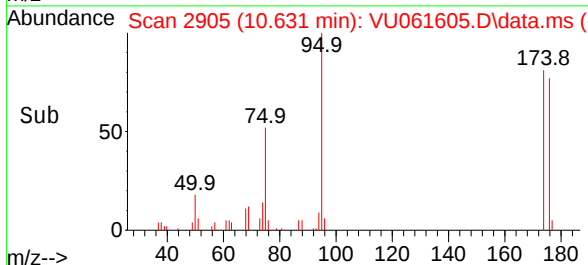
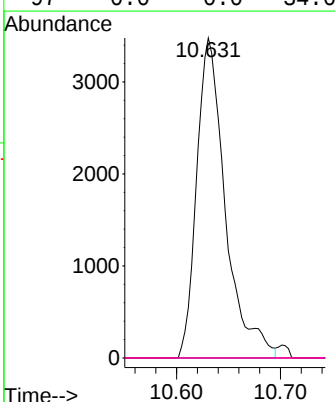
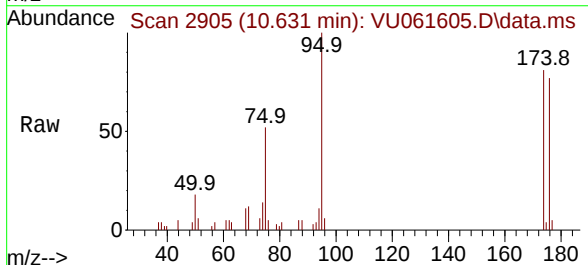
Instrument :
 MSVOA_U
 ClientSampleId :

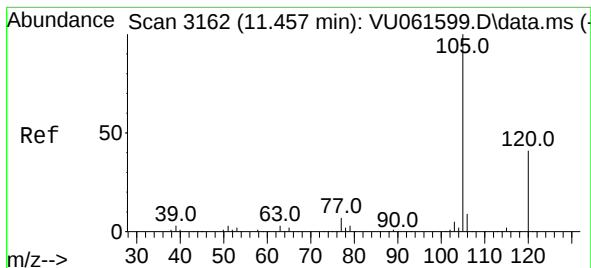
Tgt Ion:	152	Resp:	12896
Ion Ratio	Lower	Upper	
152	100		
115	65.3	0.0	259.0
150	154.8	0.0	650.2



#71
 1,2,3-Trichloropropane
 Concen: 0.836 ug/l
 RT: 10.631 min Scan# 2905
 Delta R.T. -0.183 min
 Lab File: VU061605.D
 Acq: 12 Nov 2024 16:11

Tgt Ion:	75	Resp:	6665
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	0.0	0.0	61.6
97	0.0	0.0	34.6

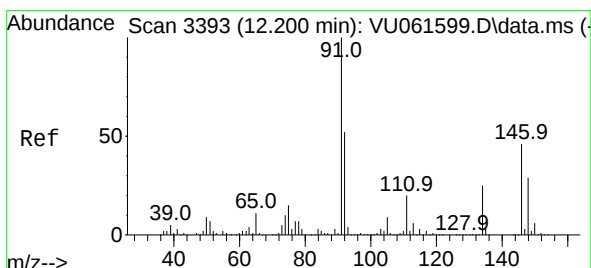
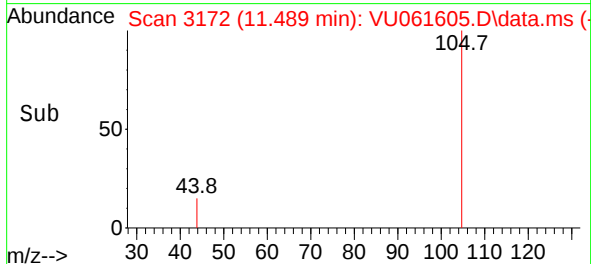
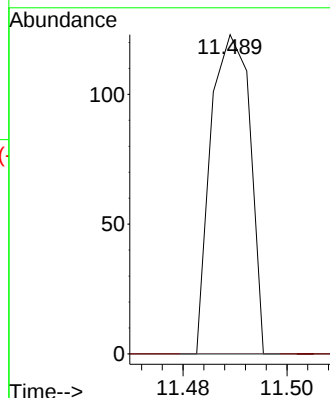
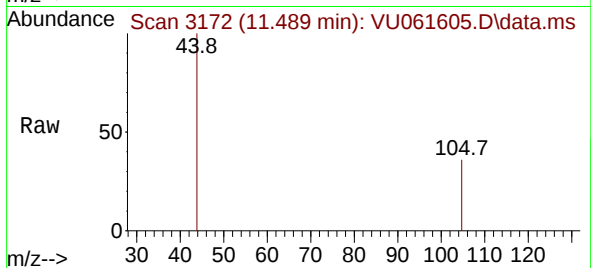




#78
 1,2,4-Trimethylbenzene
 Concen: 0.242 ug/l
 RT: 11.489 min Scan# 3162
 Delta R.T. 0.032 min
 Lab File: VU061605.D
 Acq: 12 Nov 2024 16:11

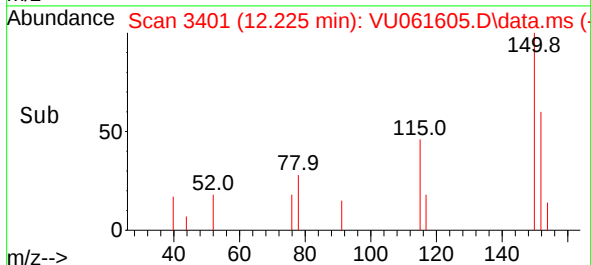
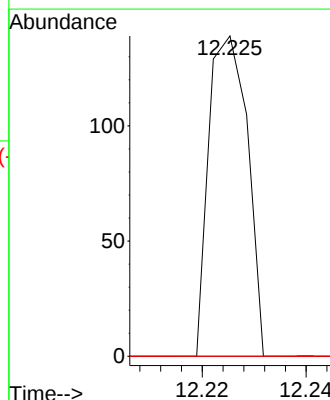
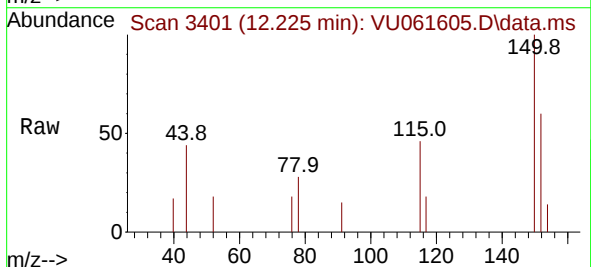
Instrument :
 MSVOA_U
 ClientSampleId :

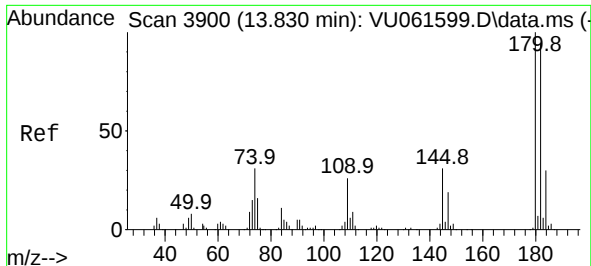
Tgt Ion:105 Resp: 64
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.7 68.0#



#84
 n-Butylbenzene
 Concen: 0.264 ug/l
 RT: 12.225 min Scan# 3401
 Delta R.T. 0.026 min
 Lab File: VU061605.D
 Acq: 12 Nov 2024 16:11

Tgt Ion: 91 Resp: 72
 Ion Ratio Lower Upper
 91 100
 92 0.0 41.8 62.6#
 134 0.0 20.2 30.4#





#87

1,2,4-Trichlorobenzene

Concen: 0.448 ug/l

RT: 13.878 min Scan# 3915

Delta R.T. 0.048 min

Lab File: VU061605.D

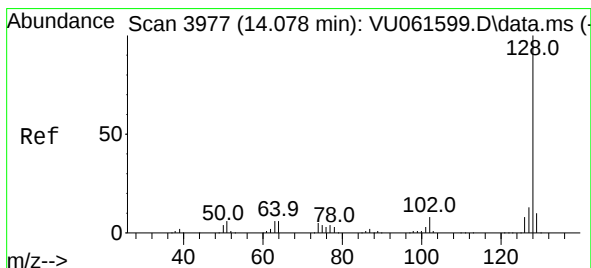
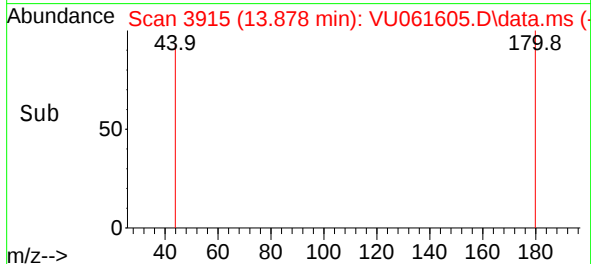
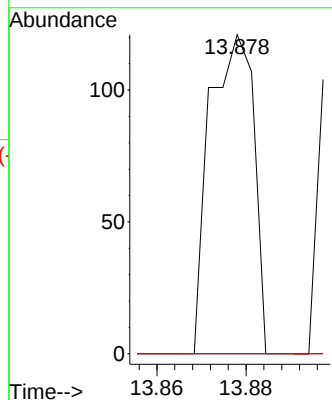
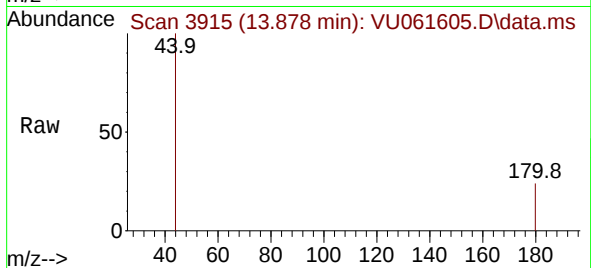
Acq: 12 Nov 2024 16:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	83
Ion Ratio	Lower	Upper
180	100	
182	0.0	75.3 112.9#
145	0.0	24.3 36.5#



#89

Naphthalene

Concen: 0.596 ug/l

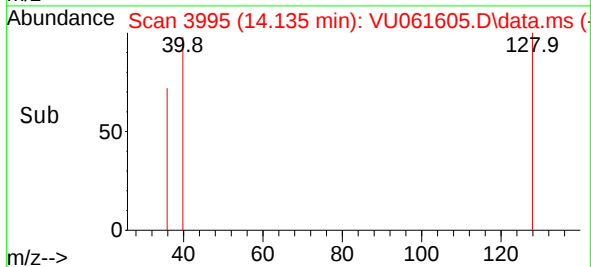
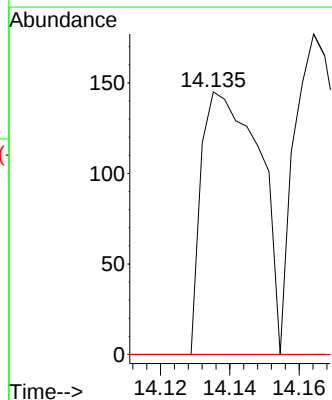
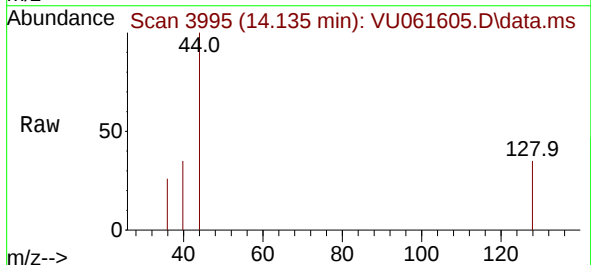
RT: 14.135 min Scan# 3995

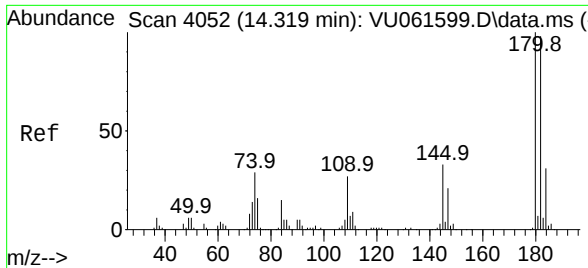
Delta R.T. 0.058 min

Lab File: VU061605.D

Acq: 12 Nov 2024 16:11

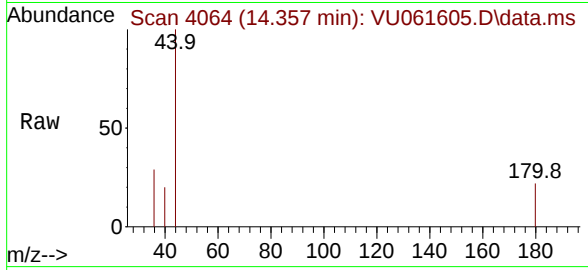
Tgt Ion:128	Resp:	169
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 12.8#





#90
1,2,3-Trichlorobenzene
Concen: 0.460 ug/l
RT: 14.357 min Scan# 4064
Delta R.T. 0.038 min
Lab File: VU061605.D
Acq: 12 Nov 2024 16:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 87
Ion Ratio Lower Upper
180 100
182 0.0 77.9 116.9#
145 0.0 25.9 38.9#

