

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
 Data File : VU055799.D
 Acq On : 18 Oct 2023 15:24
 Operator : MD/SY
 Sample : VU1018WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:41:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 Response via : Initial Calibration

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

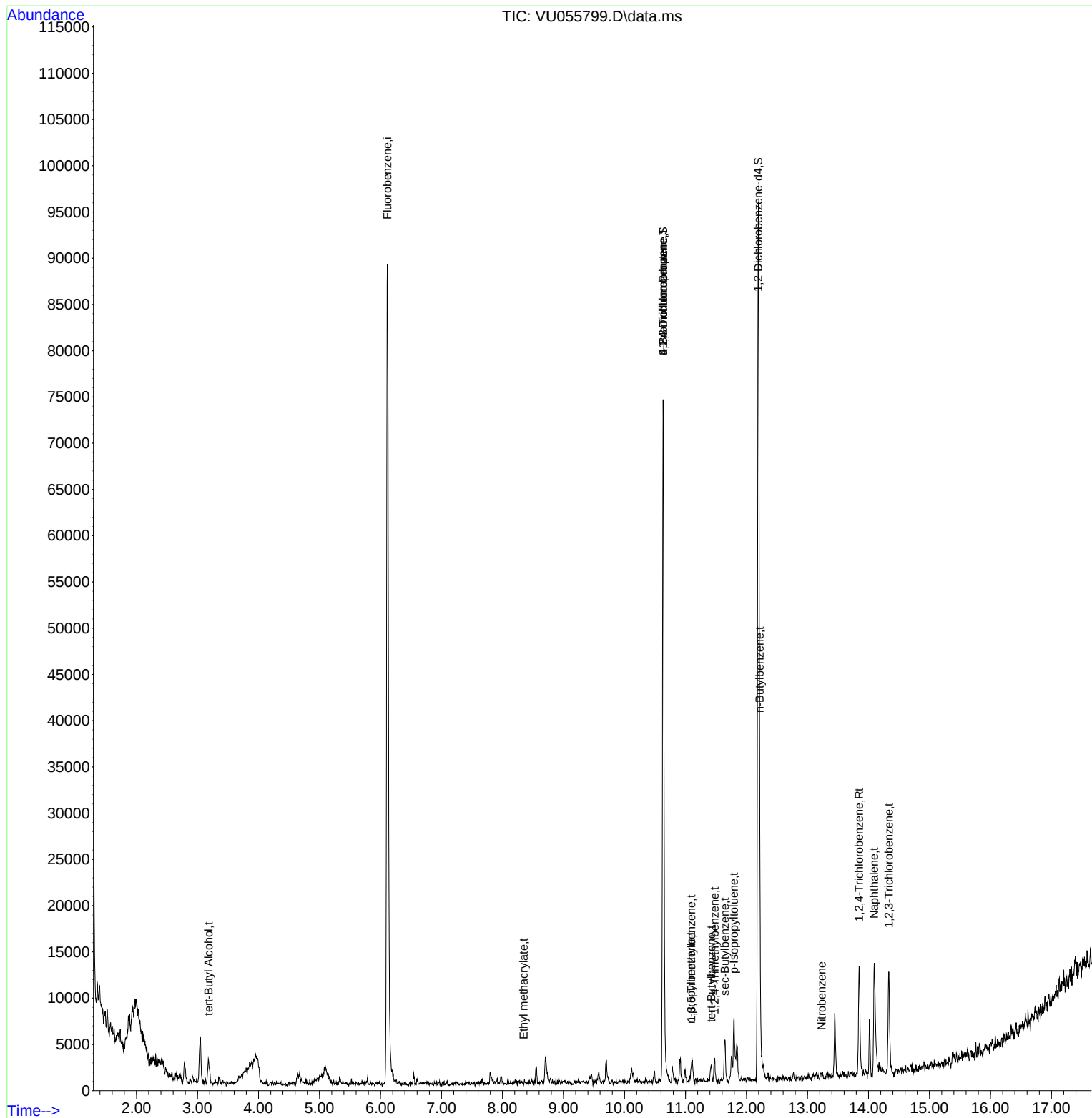
Internal Standards						
1) Fluorobenzene	6.113	96	87833	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	29817	0.861	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	26003	0.810	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
					Qvalue	
24) tert-Butyl Alcohol	3.181	59	1684	1.121	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.634	75	13716	2.521	ug/l #	18
48) Ethyl methacrylate	8.348	69	19	0.527	ug/l #	1
71) 1,2,3-Trichloropropane	10.634	75	13716	0.749	ug/l #	34
73) n-propylbenzene	11.090	120	293	0.474	ug/l	71
75) 1,3,5-Trimethylbenzene	11.094	105	1405	0.438	ug/l #	61
77) tert-Butylbenzene	11.421	119	1252	0.485	ug/l #	86
78) 1,2,4-Trimethylbenzene	11.476	105	1984	0.461	ug/l	88
79) sec-Butylbenzene	11.647	105	3835	0.555	ug/l	96
80) Nitrobenzene	13.232	77	47	3.073	ug/l #	40
81) p-Isopropyltoluene	11.794	119	4150	0.594	ug/l #	95
84) n-Butylbenzene	12.216	91	11644	0.673	ug/l	98
87) 1,2,4-Trichlorobenzene	13.846	180	4400	0.584	ug/l	87
89) Naphthalene	14.093	128	13673	0.914	ug/l	98
90) 1,2,3-Trichlorobenzene	14.335	180	4431	0.630	ug/l	98

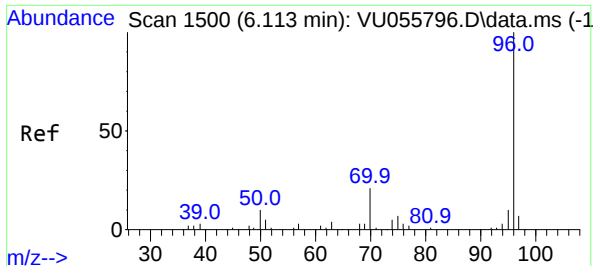
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
Data File : VU055799.D
Acq On : 18 Oct 2023 15:24
Operator : MD/SY
Sample : VU1018WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

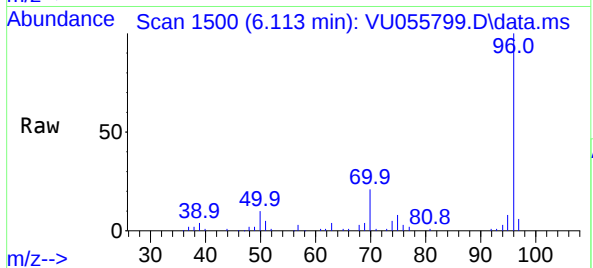
Quant Time: Oct 19 03:41:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 2023
Response via : Initial Calibration



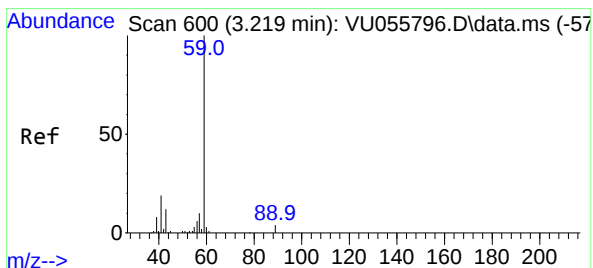
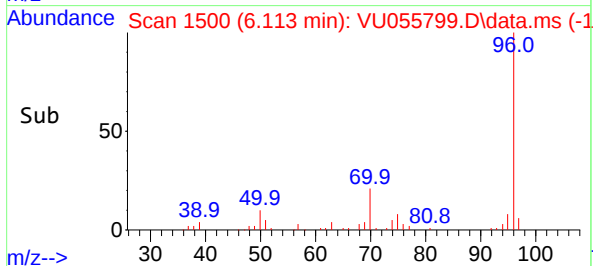
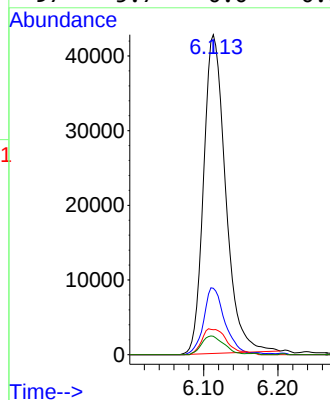


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :

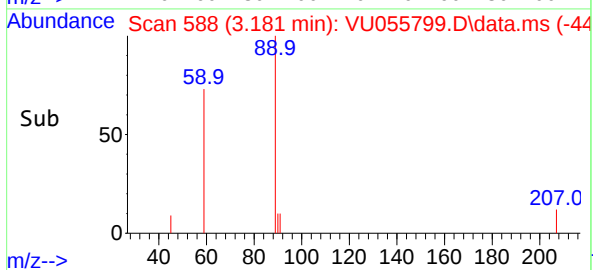
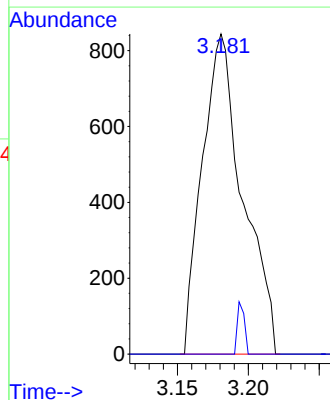
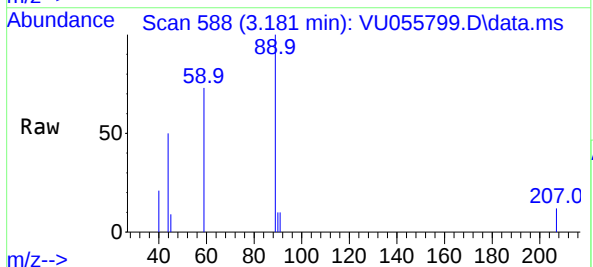


Tgt Ion: 96	Resp: 87833
Ion Ratio	Lower Upper
96 100	
70 19.9	16.5 24.7
95 9.4	7.4 11.0
97 5.7	0.0 0.0#

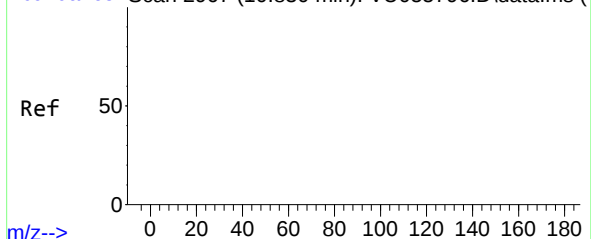


#24
tert-Butyl Alcohol
Concen: 1.121 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.038 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

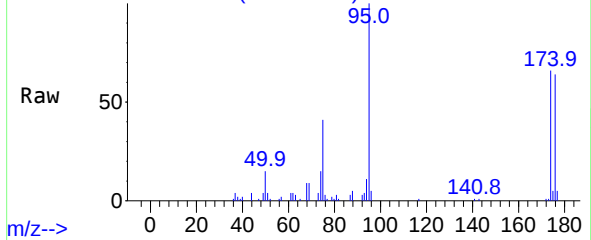
Tgt Ion: 59	Resp: 1684		
Ion Ratio	Lower	Upper	
59 100			
57 2.8	105.6	158.4#	



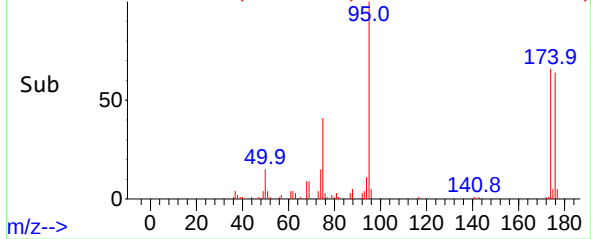
Abundance Scan 2967 (10.830 min): VU055796.D\data.ms (-2



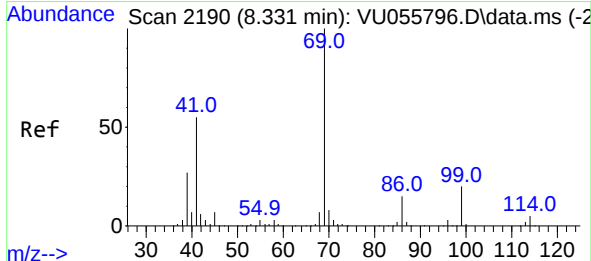
Ref 50



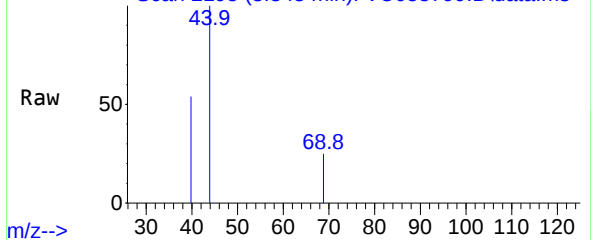
Raw 50



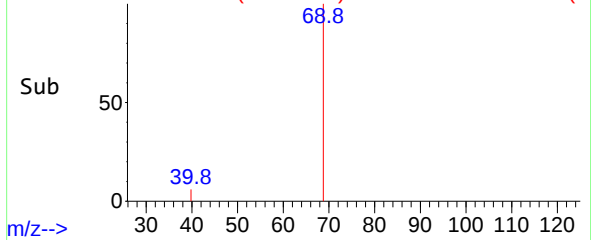
Sub 50



Ref 50



Raw 50

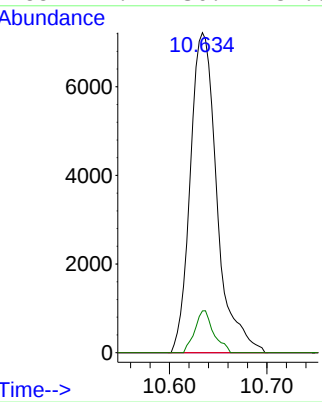


Sub 50

#46
t-1,4-Dichloro-2-butene
Concen: 2.521 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.196 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

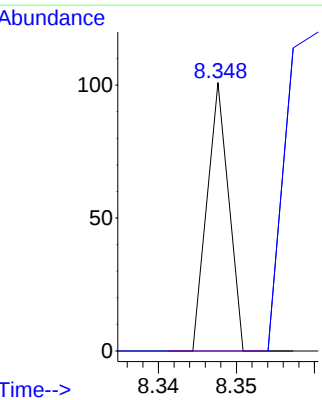
Instrument :
MSVOA_U
ClientSampleId :

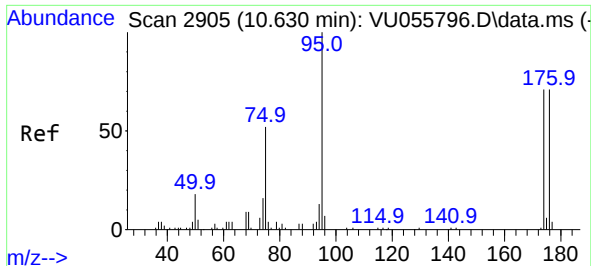
Tgt Ion: 75 Resp: 13716
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 9.2 36.4 54.6#



#48
Ethyl methacrylate
Concen: 0.527 ug/l
RT: 8.348 min Scan# 2195
Delta R.T. 0.017 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Tgt Ion: 69 Resp: 19
Ion Ratio Lower Upper
69 100
41 236.8 30.3 90.8#



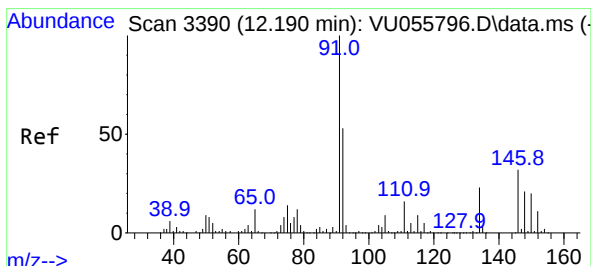
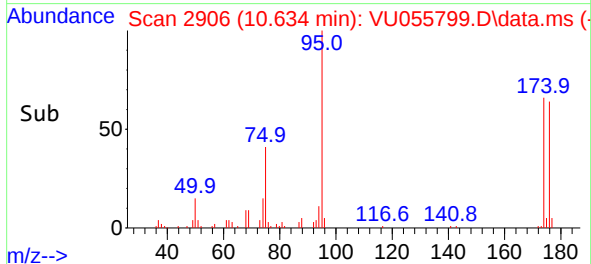
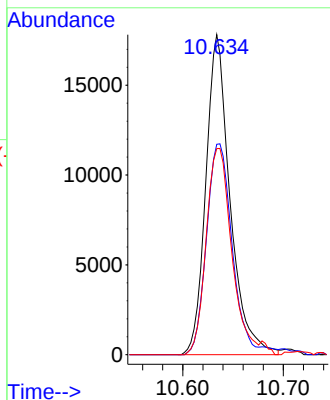
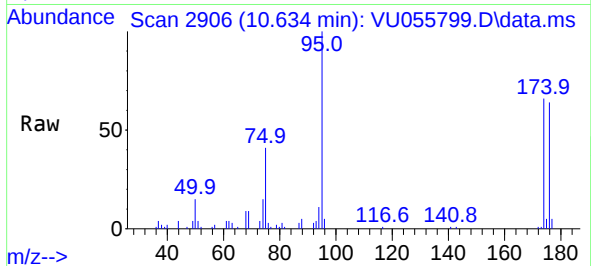


#57
 4-Bromofluorobenzene
 Concen: 0.861 ug/l
 RT: 10.634 min Scan# 2905
 Delta R.T. 0.004 min
 Lab File: VU055799.D
 Acq: 18 Oct 2023 15:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 95 Resp: 29817

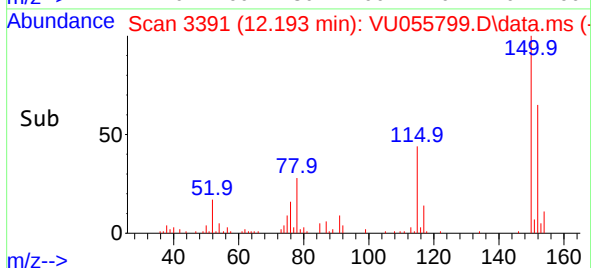
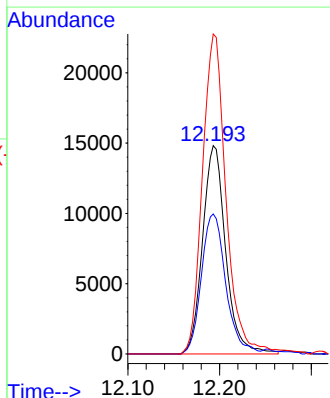
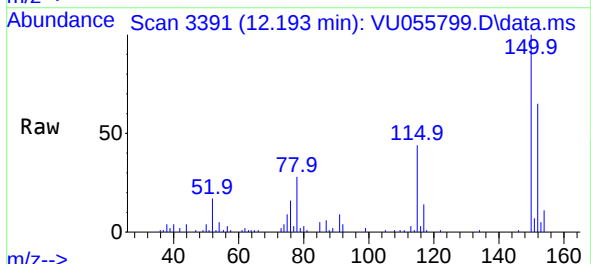
Ion	Ratio	Lower	Upper
95	100		
174	70.5	63.3	94.9
176	67.8	59.3	88.9

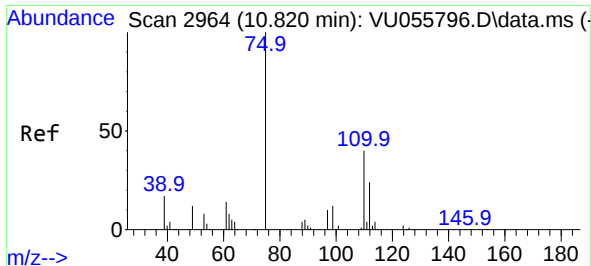


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.810 ug/l
 RT: 12.193 min Scan# 3391
 Delta R.T. 0.003 min
 Lab File: VU055799.D
 Acq: 18 Oct 2023 15:24

Tgt Ion: 152 Resp: 26003

Ion	Ratio	Lower	Upper
152	100		
115	70.8	0.0	308.8
150	157.6	0.0	635.0

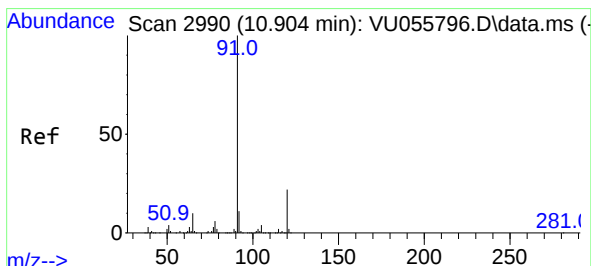
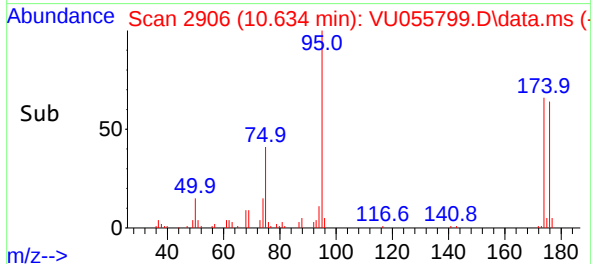
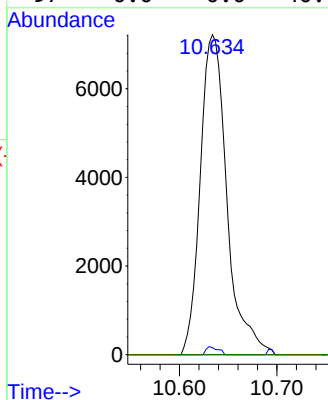
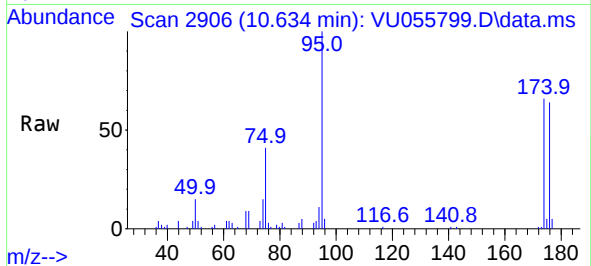




#71
1,2,3-Trichloropropane
Concen: 0.749 ug/l
RT: 10.634 min Scan# 2964
Delta R.T. -0.186 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

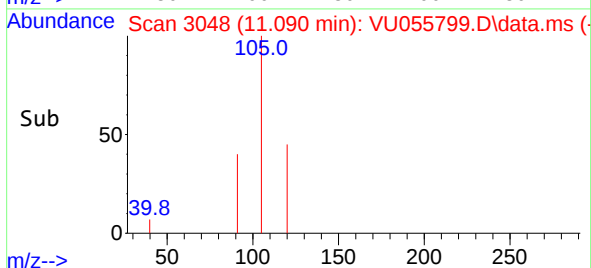
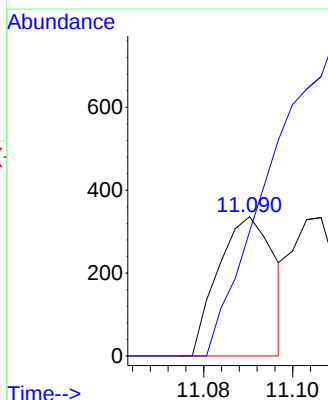
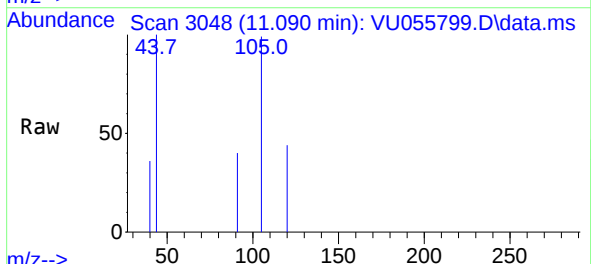
Instrument :
MSVOA_U
ClientSampleId :

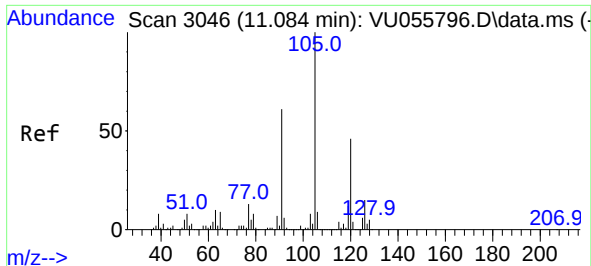
Tgt Ion: 75 Resp: 13716
Ion Ratio Lower Upper
75 100
77 1.1 0.0 116.4
110 0.0 0.0 74.6
97 0.0 0.0 40.0



#73
n-propylbenzene
Concen: 0.474 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.186 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

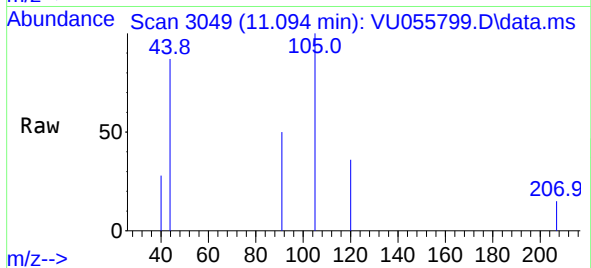
Tgt Ion: 120 Resp: 293
Ion Ratio Lower Upper
120 100
91 386.3 369.8 554.6



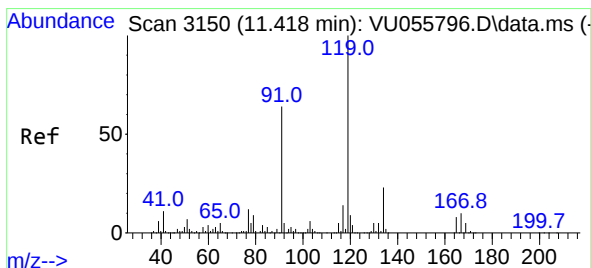
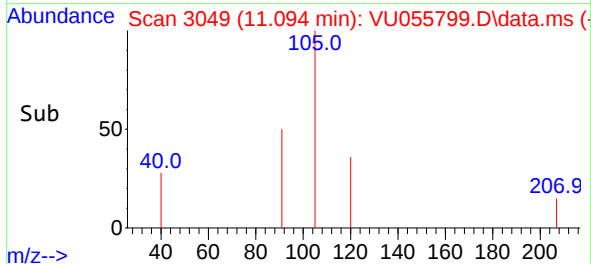
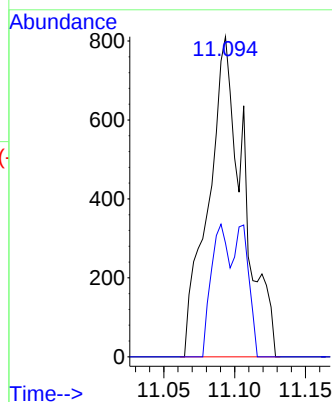


#75
1,3,5-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.094 min Scan# 3046
Delta R.T. 0.010 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :

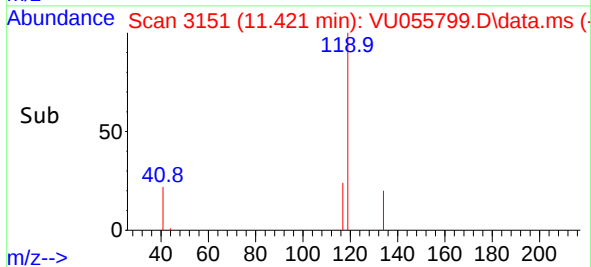
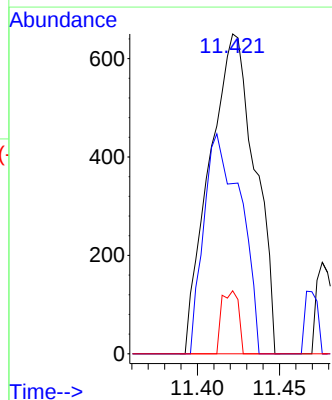
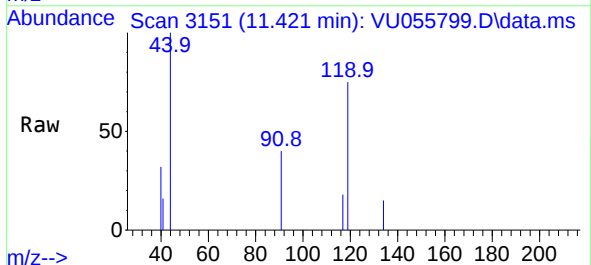


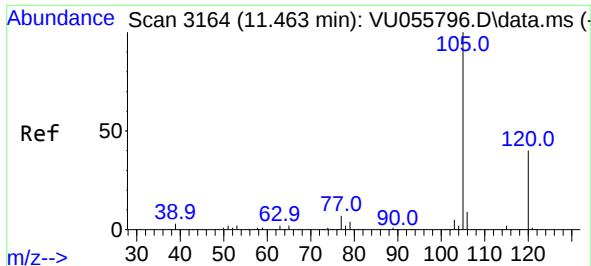
Tgt Ion:105 Resp: 1405
Ion Ratio Lower Upper
105 100
120 20.9 37.8 56.8#



#77
tert-Butylbenzene
Concen: 0.485 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Tgt Ion:119 Resp: 1252
Ion Ratio Lower Upper
119 100
91 55.9 30.8 92.4
134 7.3 18.0 27.0#

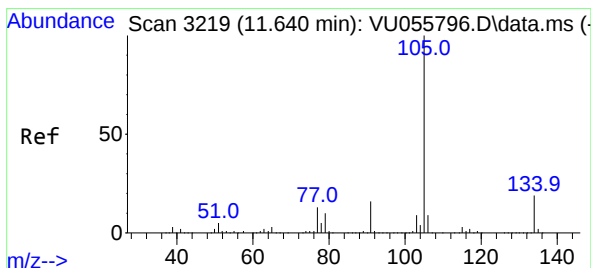
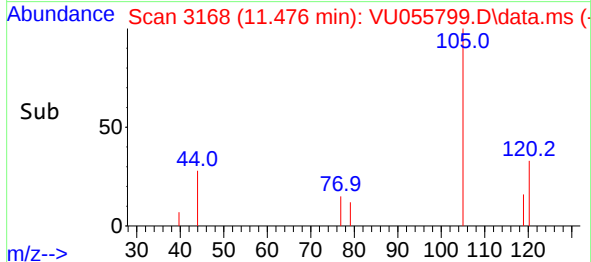
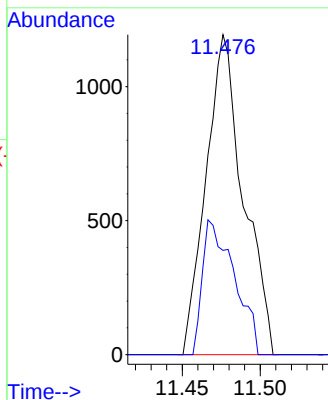
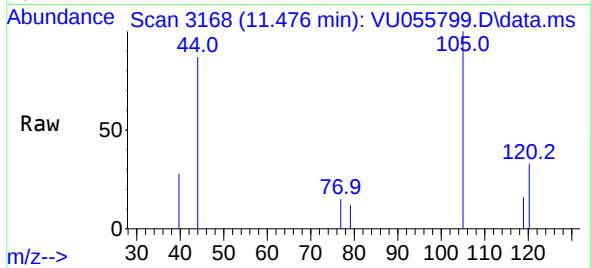




#78
1,2,4-Trimethylbenzene
Concen: 0.461 ug/l
RT: 11.476 min Scan# 3164
Delta R.T. 0.013 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

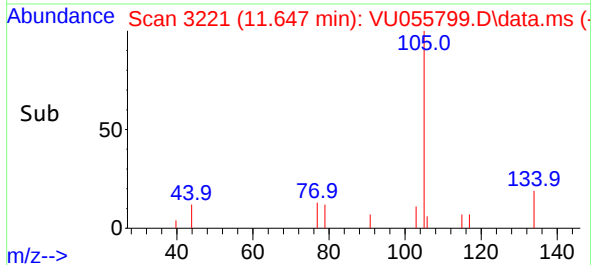
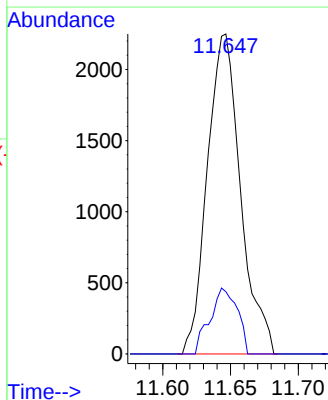
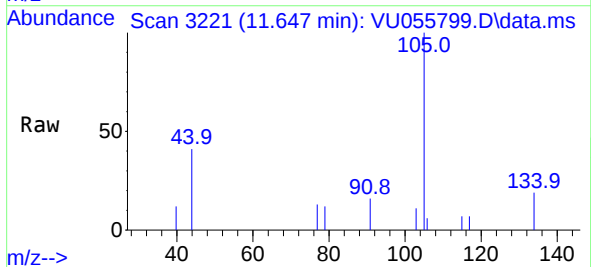
Instrument :
MSVOA_U
ClientSampleId :

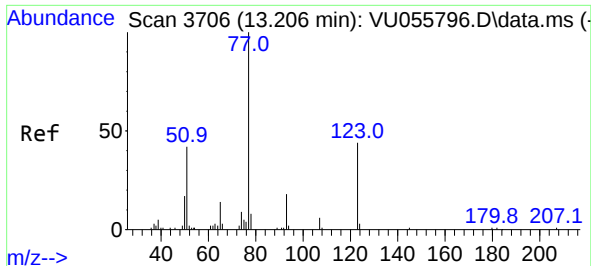
Tgt Ion:105 Resp: 1984
Ion Ratio Lower Upper
105 100
120 35.9 21.9 65.8



#79
sec-Butylbenzene
Concen: 0.555 ug/l
RT: 11.647 min Scan# 3221
Delta R.T. 0.007 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

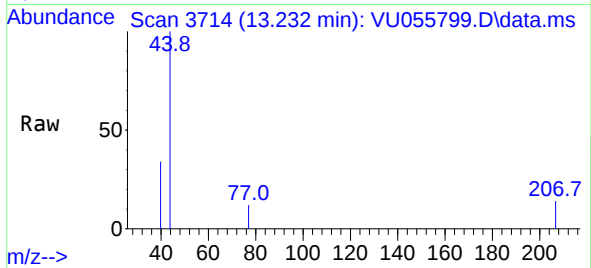
Tgt Ion:105 Resp: 3835
Ion Ratio Lower Upper
105 100
134 16.9 14.9 22.3



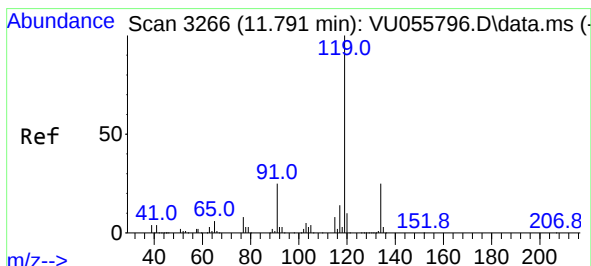
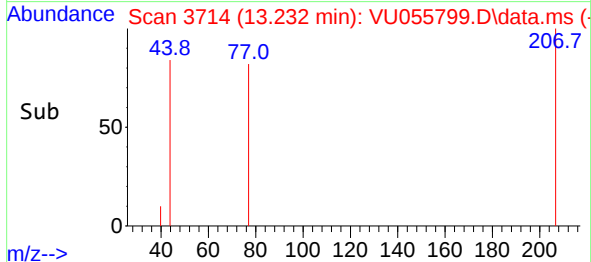
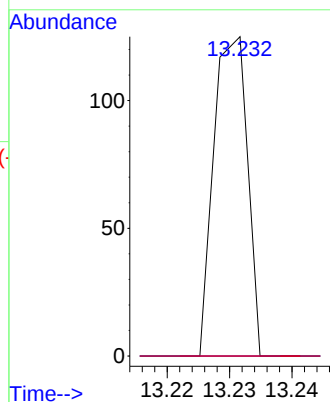


#80
Nitrobenzene
Concen: 3.073 ug/l
RT: 13.232 min Scan# 31
Delta R.T. 0.026 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :

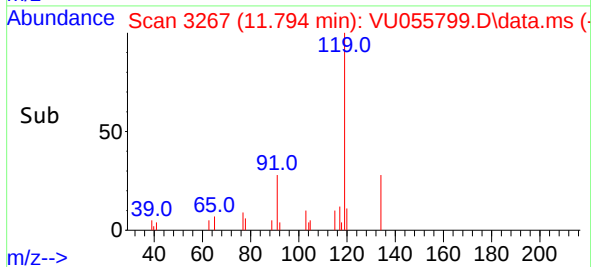
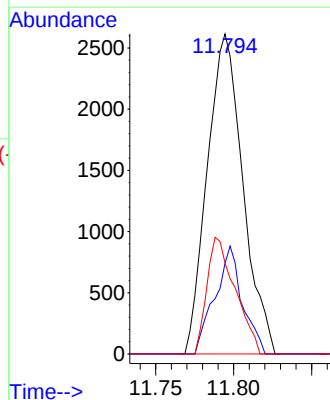
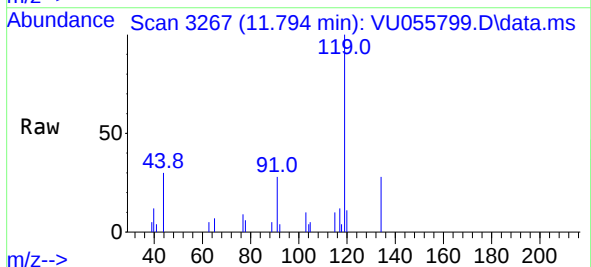


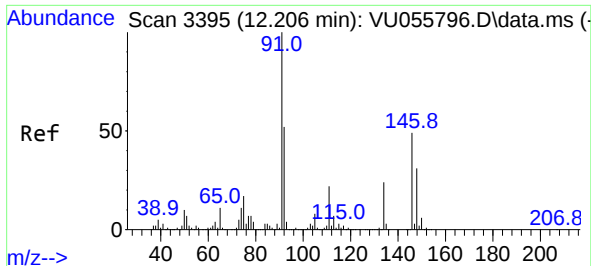
Tgt Ion: 77 Resp: 47
Ion Ratio Lower Upper
77 100
123 0.0 19.7 69.7#
65 0.0 11.5 14.7#



#81
p-Isopropyltoluene
Concen: 0.594 ug/l
RT: 11.794 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Tgt Ion: 119 Resp: 4150
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 29.0 19.3 28.9#



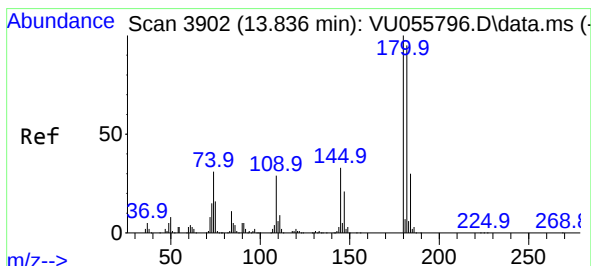
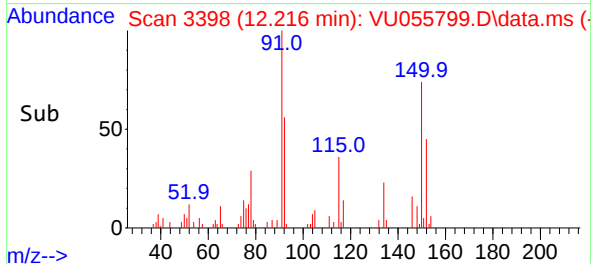
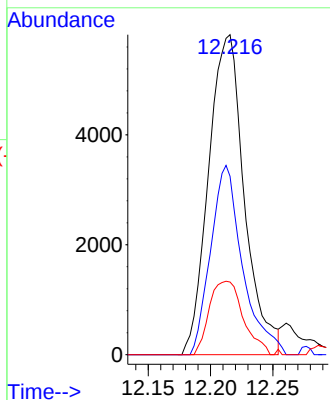
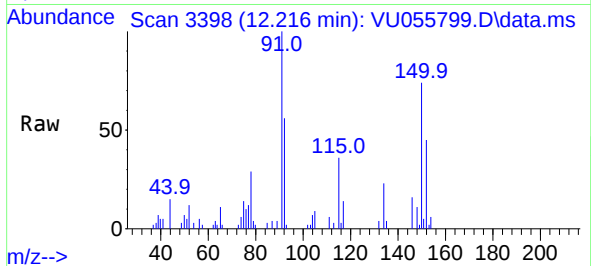


#84
n-Butylbenzene
Concen: 0.673 ug/l
RT: 12.216 min Scan# 3395
Delta R.T. 0.010 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 11644

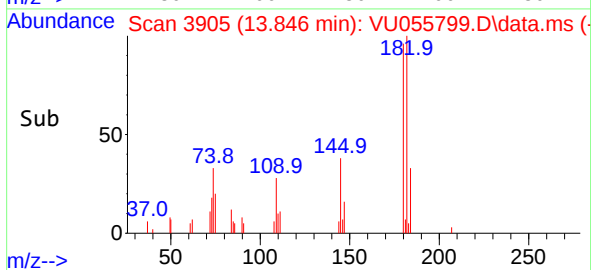
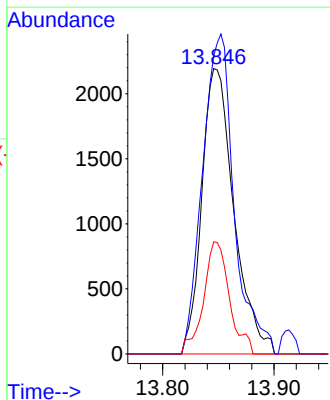
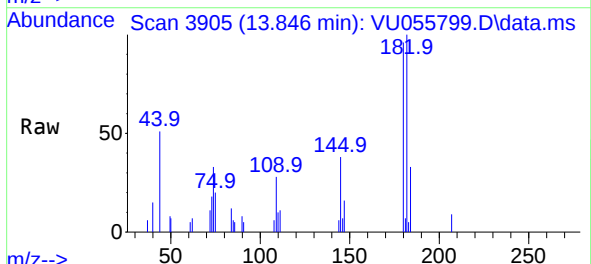
Ion	Ratio	Lower	Upper
91	100		
92	52.7	40.8	61.2
134	21.8	18.4	27.6

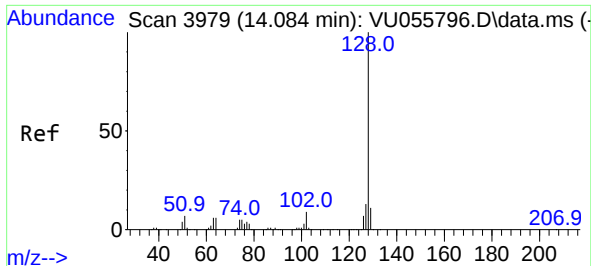


#87
1,2,4-Trichlorobenzene
Concen: 0.584 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Tgt Ion: 180 Resp: 4400

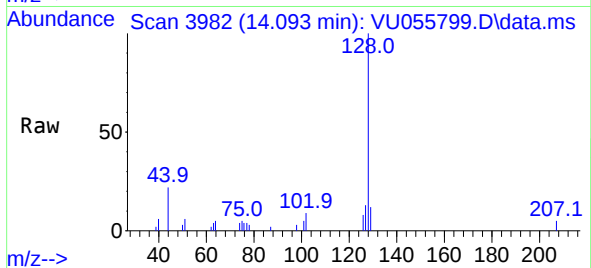
Ion	Ratio	Lower	Upper
180	100		
182	110.1	75.8	113.6
145	31.7	23.9	35.9



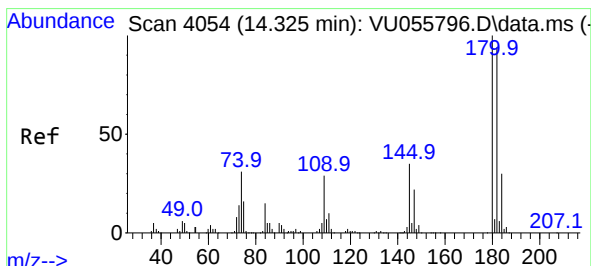
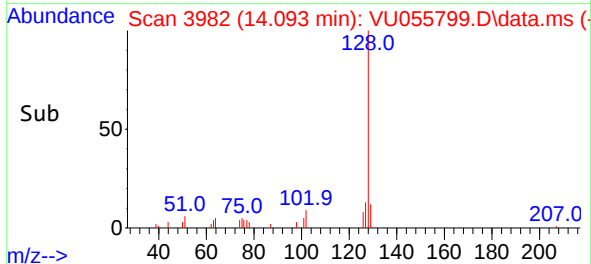
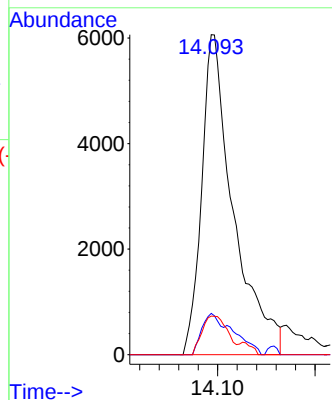


#89
Naphthalene
Concen: 0.914 ug/l
RT: 14.093 min Scan# 3979
Delta R.T. 0.009 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128	Resp:	13673
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.9 16.3
129	9.7	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.630 ug/l
RT: 14.335 min Scan# 4057
Delta R.T. 0.010 min
Lab File: VU055799.D
Acq: 18 Oct 2023 15:24

Tgt Ion:180	Resp:	4431
Ion Ratio	Lower	Upper
180	100	
182	92.2	75.7 113.5
145	33.4	26.1 39.1

