

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
 Data File : VU057808.D
 Acq On : 05 Feb 2024 15:40
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 06 01:03:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 00:58:29 2024
 Response via : Initial Calibration

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

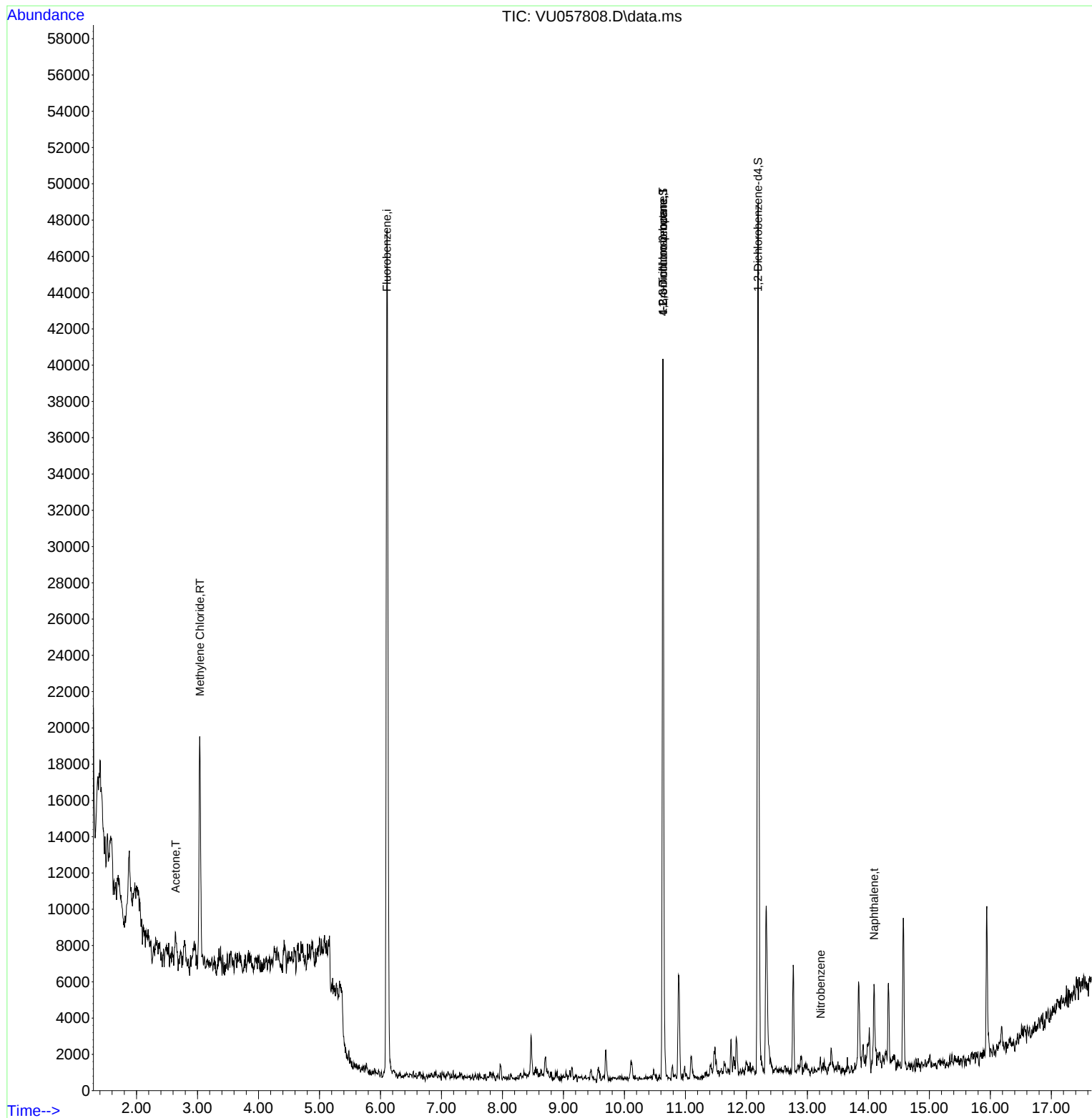
Internal Standards						
1) Fluorobenzene	6.107	96	44161	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14733	0.899	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12876	0.877	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						Qvalue
13) Acetone	2.644	43	1543	0.461	ug/l #	79
15) Methylene Chloride	3.039	84	5747	0.440	ug/l	97
46) t-1,4-Dichloro-2-butene	10.630	75	7872	4.628	ug/l #	17
71) 1,2,3-Trichloropropane	10.630	75	7872	0.954	ug/l #	37
80) Nitrobenzene	13.219	77	298	1.422	ug/l #	40
89) Naphthalene	14.093	128	4185	0.203	ug/l #	90

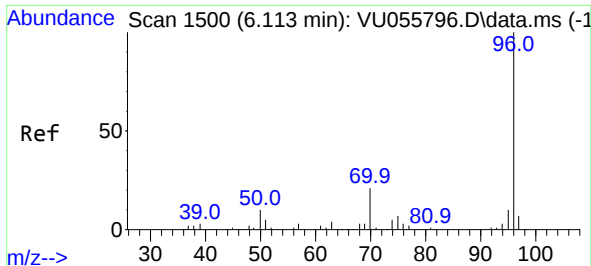
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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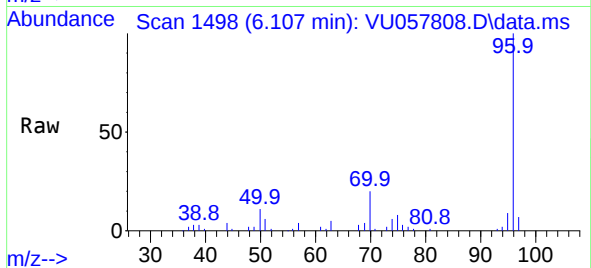
Quant Time: Feb 06 01:03:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
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QLast Update : Tue Feb 06 00:58:29 2024
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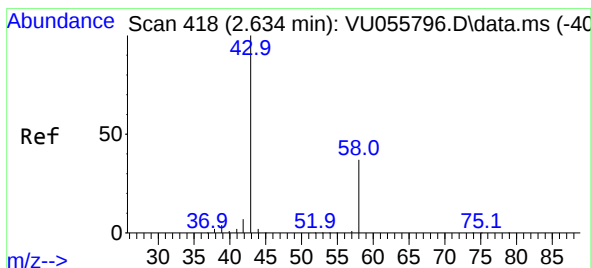
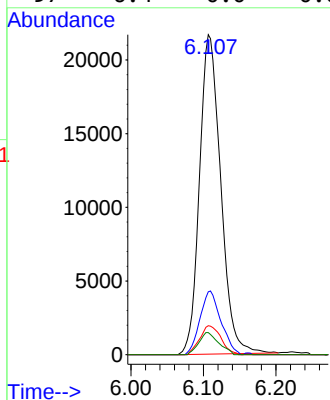
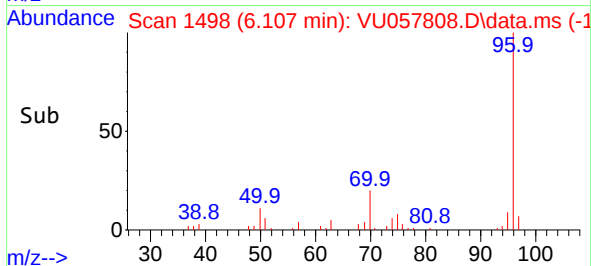
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 44161

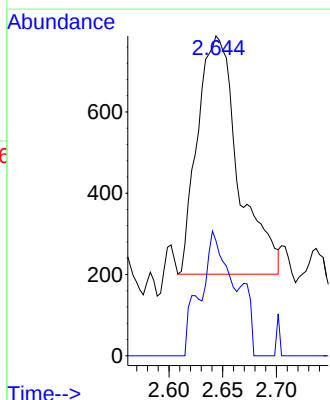
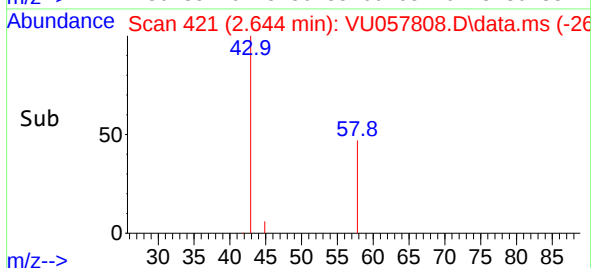
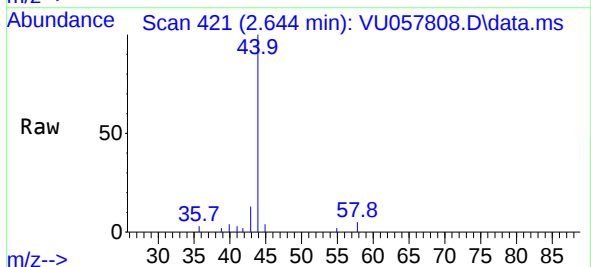
Ion	Ratio	Lower	Upper
96	100		
70	19.6	16.5	24.7
95	9.0	7.4	11.0
97	6.4	0.0	0.0

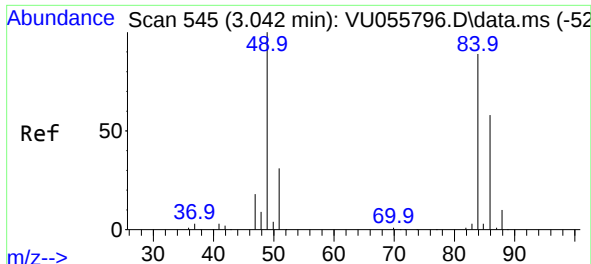


#13
Acetone
Concen: 0.461 ug/l
RT: 2.644 min Scan# 421
Delta R.T. 0.013 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 43 Resp: 1543

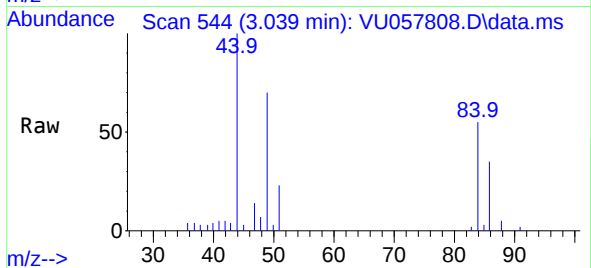
Ion	Ratio	Lower	Upper
43	100		
58	48.3	29.0	43.4





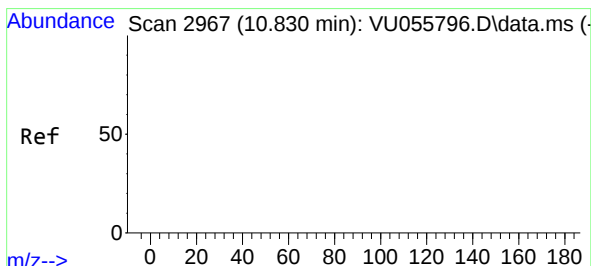
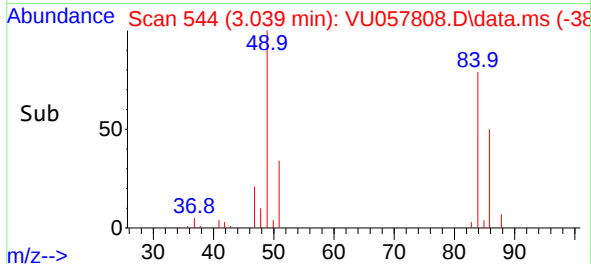
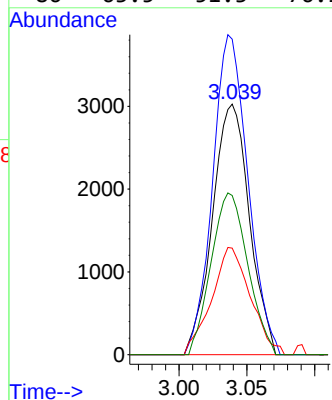
#15
Methylene Chloride
Concen: 0.440 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.013 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 5747

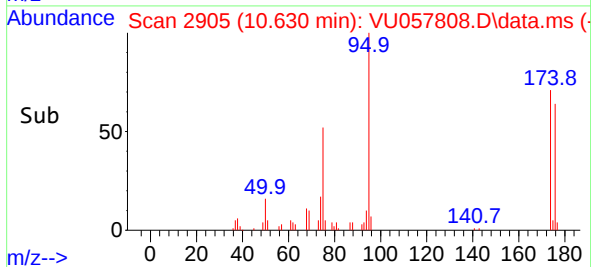
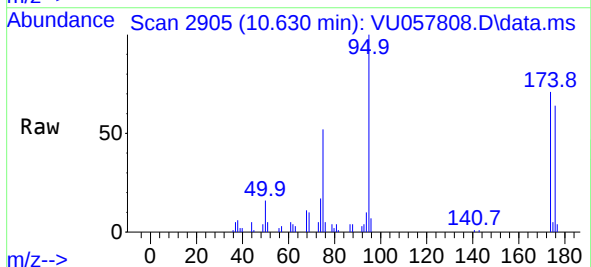
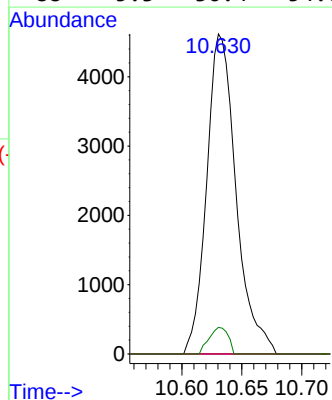
Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.9	148.3
51	42.5	0.0	75.4
86	63.5	51.3	76.9

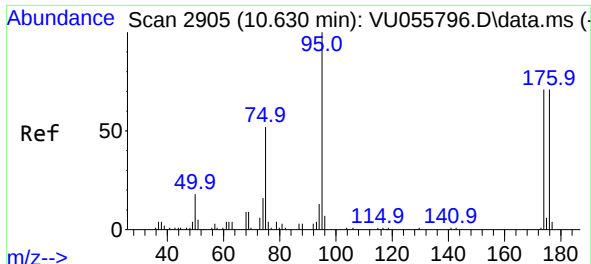


#46
t-1,4-Dichloro-2-butene
Concen: 4.628 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.206 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 75 Resp: 7872

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.3	109.9#
89	0.0	48.2	72.4#
88	5.3	36.4	54.6#

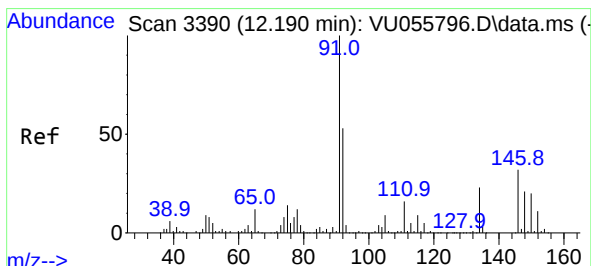
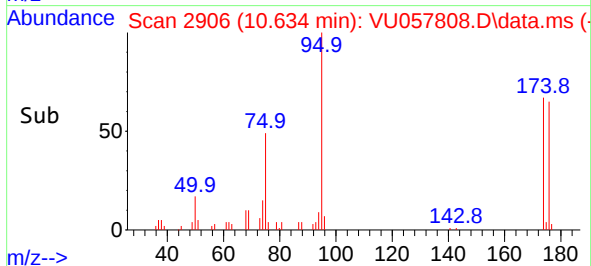
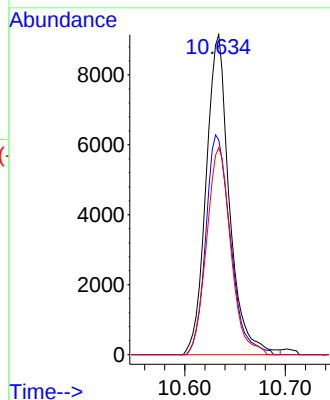
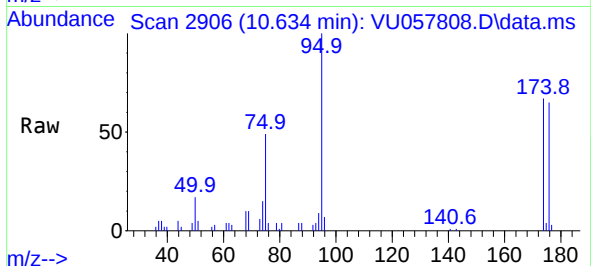




#57
4-Bromofluorobenzene
Concen: 0.899 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

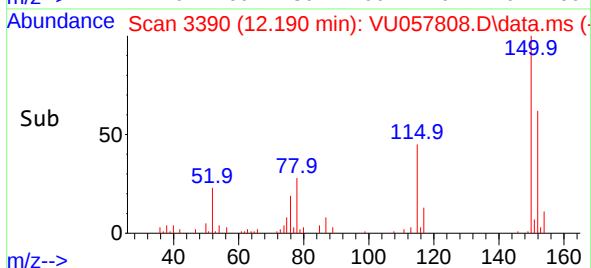
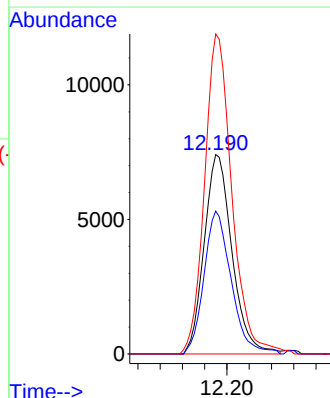
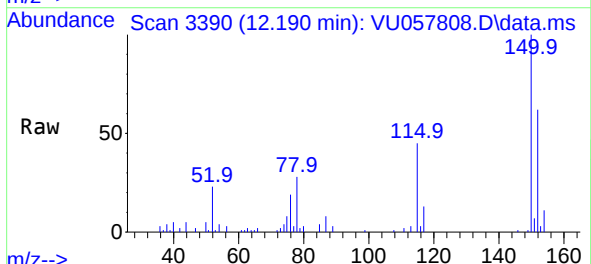
Instrument :
MSVOA_U
ClientSampleId :

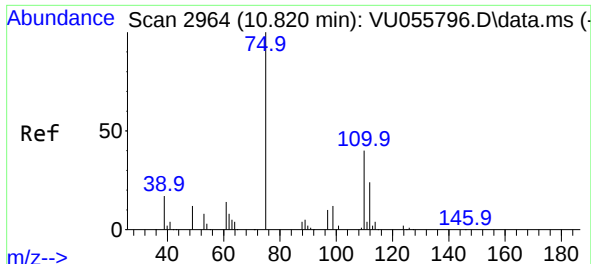
Tgt Ion: 95 Resp: 14733
Ion Ratio Lower Upper
95 100
174 72.7 63.3 94.9
176 67.2 59.3 88.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.877 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 152 Resp: 12876
Ion Ratio Lower Upper
152 100
115 69.8 0.0 308.8
150 157.5 0.0 635.0

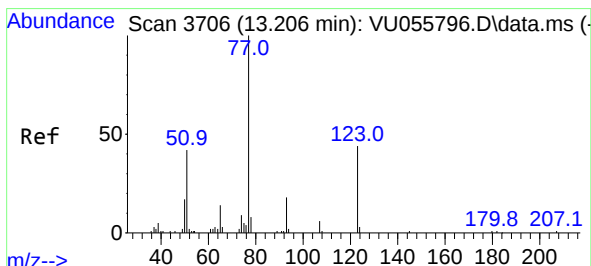
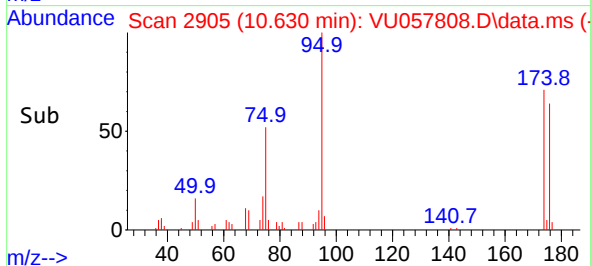
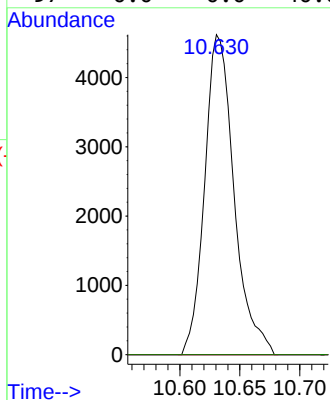
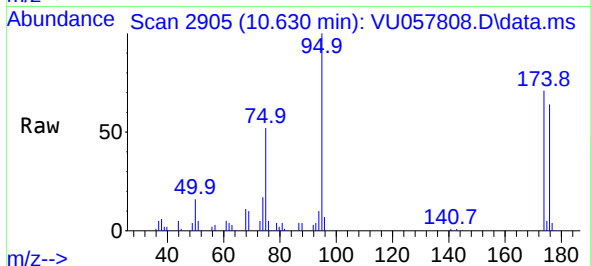




#71
1,2,3-Trichloropropane
Concen: 0.954 ug/l
RT: 10.630 min Scan# 2964
Delta R.T. -0.202 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

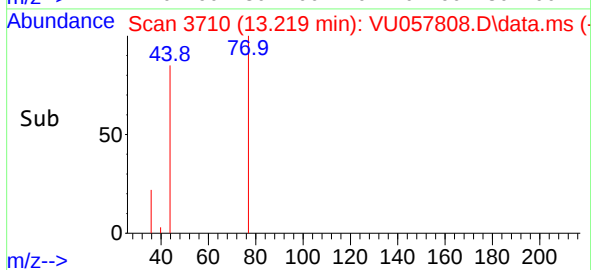
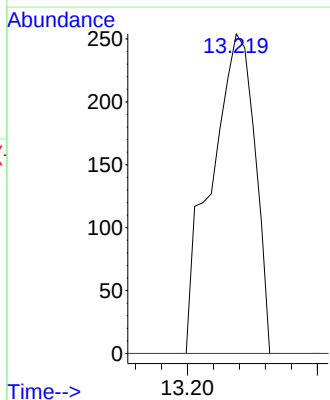
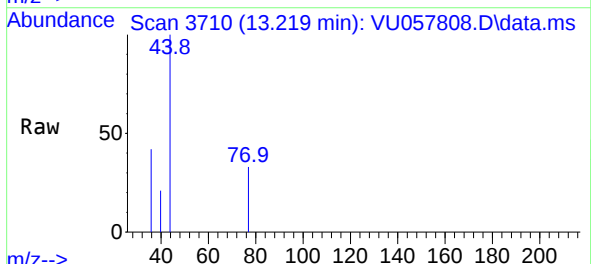
Instrument :
MSVOA_U
ClientSampleId :

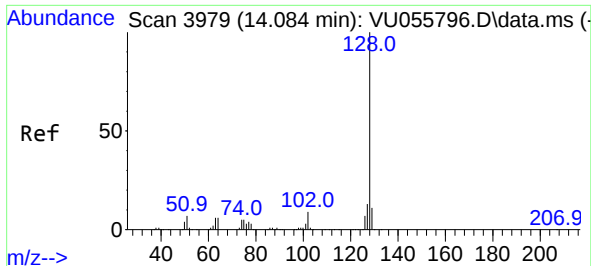
Tgt Ion: 75	Resp:	7872
Ion Ratio	Lower	Upper
75	100	
77	6.2	0.0 116.4
110	0.0	0.0 74.6
97	0.0	0.0 40.0



#80
Nitrobenzene
Concen: 1.422 ug/l
RT: 13.219 min Scan# 3710
Delta R.T. 0.013 min
Lab File: VU057808.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 77	Resp:	298
Ion Ratio	Lower	Upper
77	100	
123	0.0	19.7 69.7#
65	0.0	11.5 14.7#





#89

Naphthalene

Concen: 0.203 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.010 min

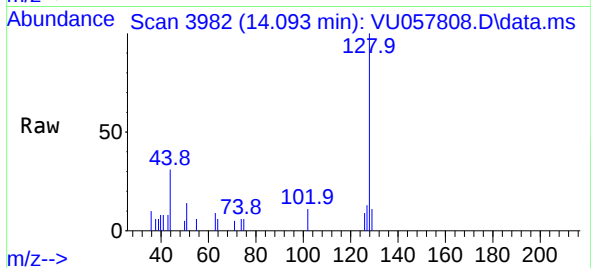
Lab File: VU057808.D

Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 4185

Ion Ratio Lower Upper

128 100

127 10.2 10.9 16.3#

129 6.5 8.6 12.8#

