

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060644.D
 Acq On : 06 Sep 2024 16:21
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:35:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 01:24:57 2024
 Response via : Initial Calibration

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

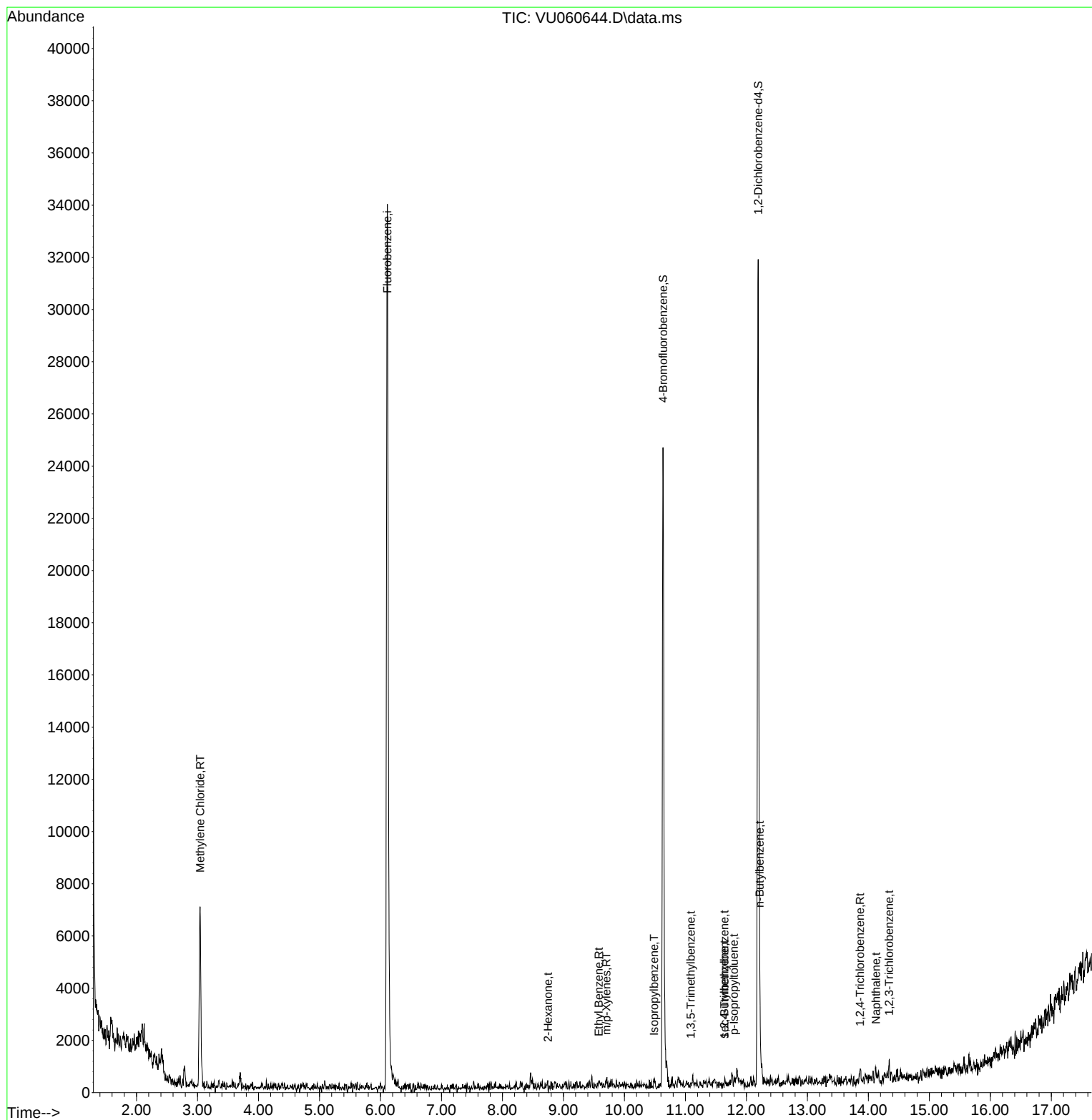
Internal Standards						
1) Fluorobenzene	6.113	96	33762	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8789	0.711	ug/l	0.00
Spiked Amount 1.000			Recovery	=	71.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9658	0.780	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	494	Below Cal	#	60
15) Methylene Chloride	3.046	84	3516	0.290	ug/l	93
54) 2-Hexanone	8.746	43	22	2.401	ug/l #	30
63) Ethyl Benzene	9.579	91	223	0.272	ug/l #	44
64) m/p-Xylenes	9.705	106	83	0.407	ug/l #	1
69) Isopropylbenzene	10.486	105	184	0.278	ug/l #	48
75) 1,3,5-Trimethylbenzene	11.090	105	64	0.308	ug/l #	29
78) 1,2,4-Trimethylbenzene	11.640	105	164	0.323	ug/l #	31
79) sec-Butylbenzene	11.640	105	164	0.271	ug/l #	57
81) p-Isopropyltoluene	11.798	119	192	0.351	ug/l #	50
84) n-Butylbenzene	12.219	91	375	0.364	ug/l #	34
87) 1,2,4-Trichlorobenzene	13.862	180	267	0.418	ug/l #	83
89) Naphthalene	14.126	128	512	0.875	ug/l #	68
90) 1,2,3-Trichlorobenzene	14.341	180	424	0.463	ug/l #	52

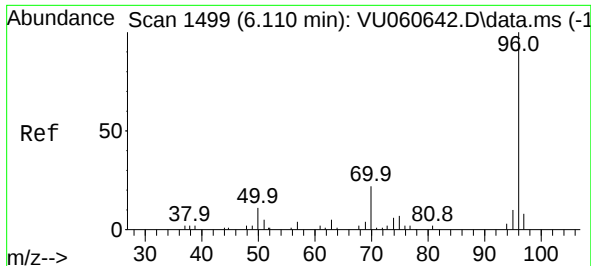
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 07 01:24:57 2024
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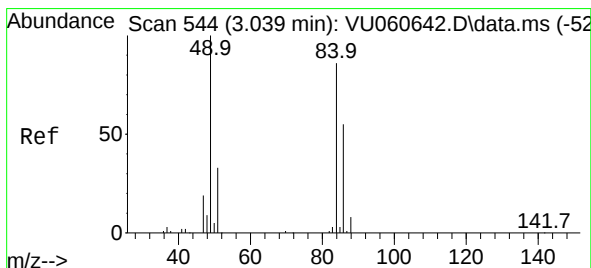
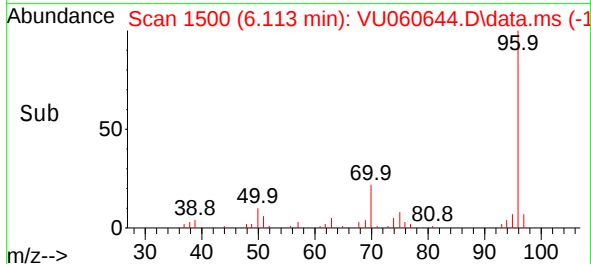
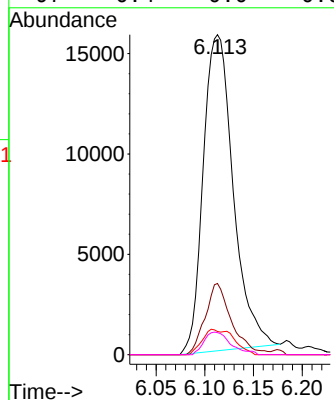
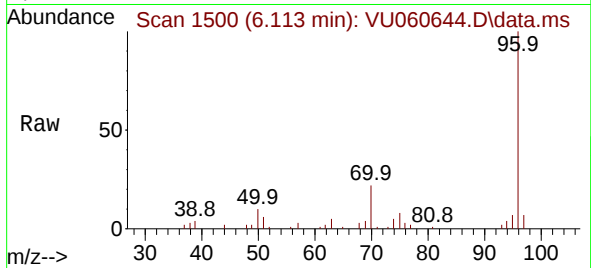




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

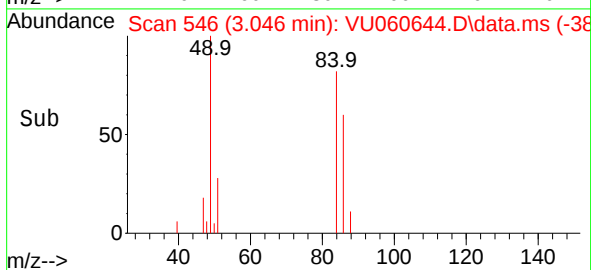
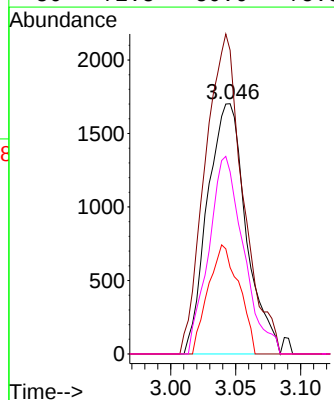
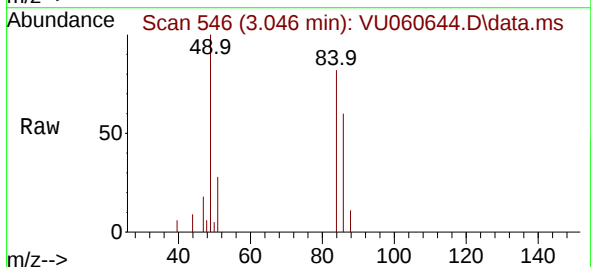
Instrument :
MSVOA_U
ClientSampleId :

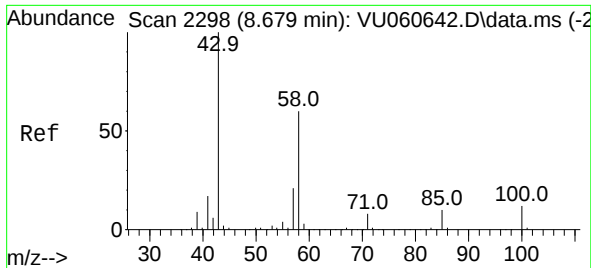
Tgt	Ion: 96	Resp:	33762
Ion	Ratio	Lower	Upper
96	100		
70	18.7	16.5	24.7
95	8.4	7.7	11.5
97	6.4	0.0	0.0#



#15
Methylene Chloride
Concen: 0.290 ug/l
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

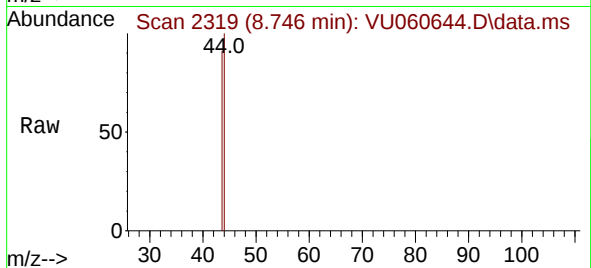
Tgt	Ion: 84	Resp:	3516
Ion	Ratio	Lower	Upper
84	100		
49	121.4	92.8	139.2
51	34.5	0.0	75.4
86	72.8	50.6	75.8



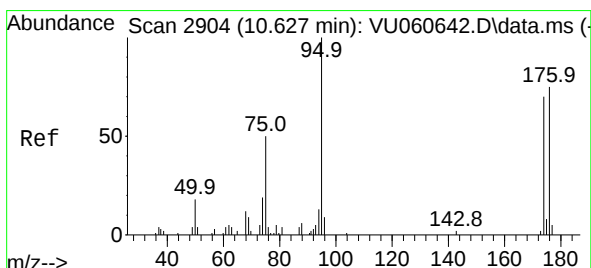
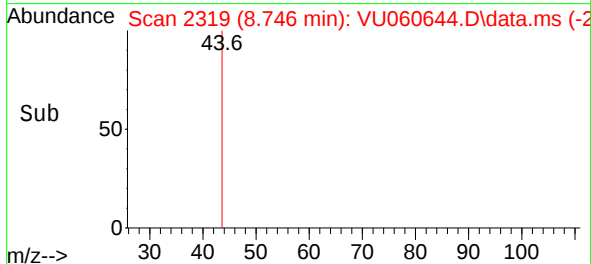
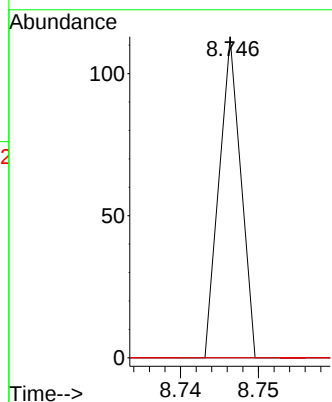


#54
2-Hexanone
Concen: 2.401 ug/l
RT: 8.746 min Scan# 21
Delta R.T. 0.067 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :

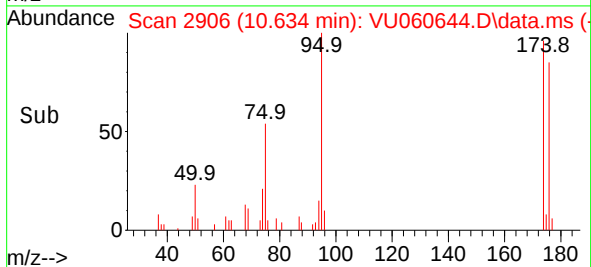
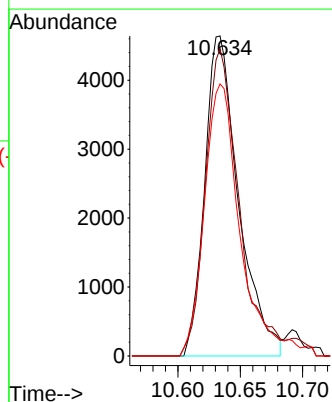
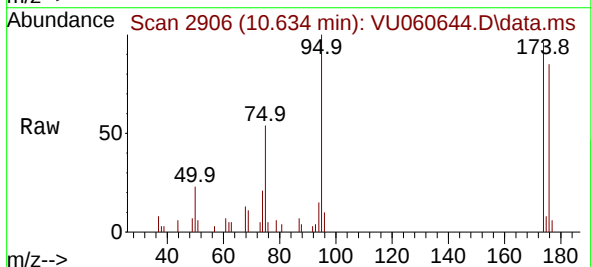


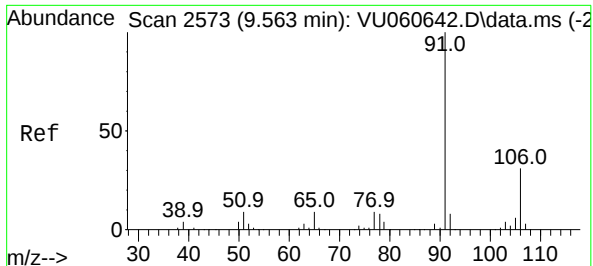
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 39.5 79.5#
57 0.0 0.5 40.5#



#57
4-Bromofluorobenzene
Concen: 0.711 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.006 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

Tgt Ion: 95 Resp: 8789
Ion Ratio Lower Upper
95 100
174 95.2 63.2 94.8#
176 90.2 62.8 94.2





#63

Ethyl Benzene

Concen: 0.272 ug/l

RT: 9.579 min Scan# 2573

Delta R.T. 0.016 min

Lab File: VU060644.D

Acq: 06 Sep 2024 16:21

Instrument :

MSVOA_U

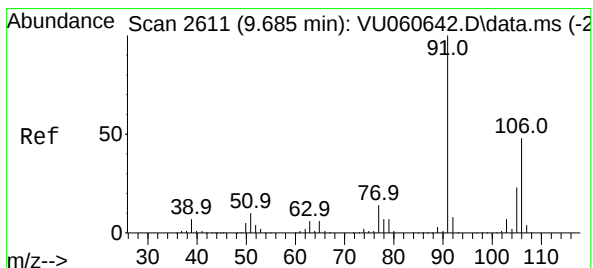
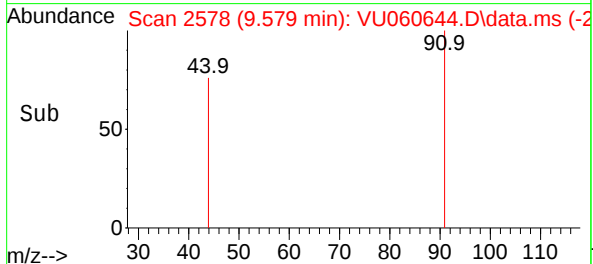
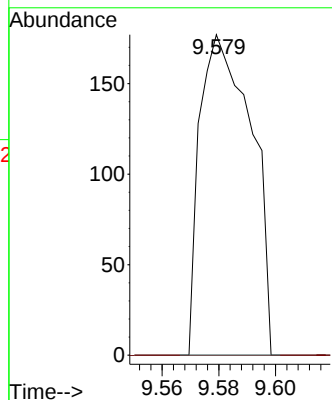
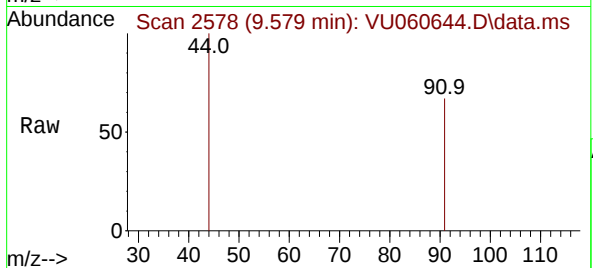
ClientSampleId :

Tgt Ion: 91 Resp: 223

Ion Ratio Lower Upper

91 100

106 0.0 24.9 37.3#



#64

m/p-Xylenes

Concen: 0.407 ug/l

RT: 9.705 min Scan# 2617

Delta R.T. 0.020 min

Lab File: VU060644.D

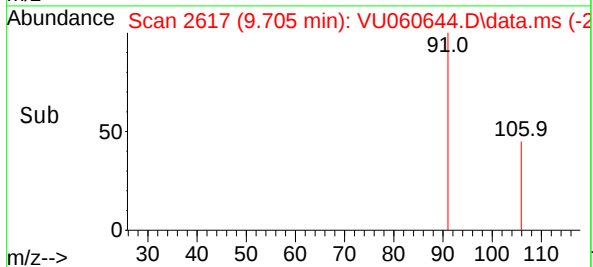
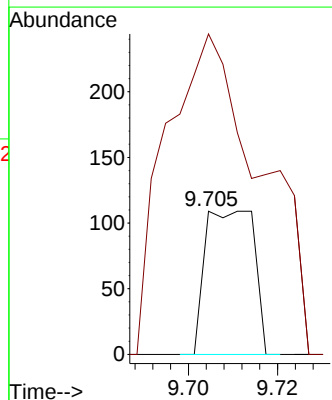
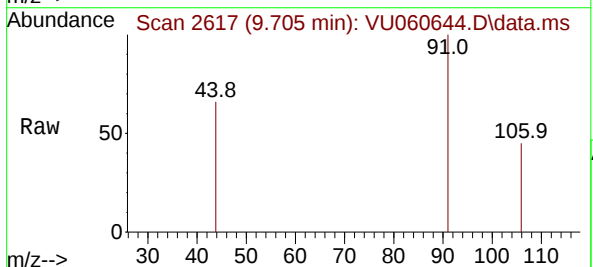
Acq: 06 Sep 2024 16:21

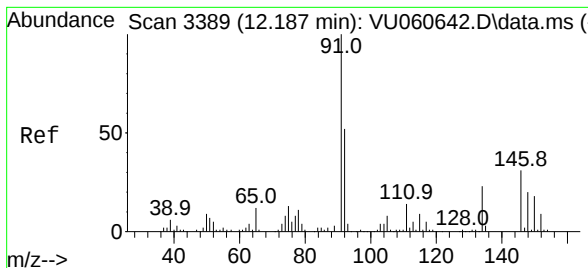
Tgt Ion:106 Resp: 83

Ion Ratio Lower Upper

106 100

91 434.9 165.2 247.8#





#68

1,2-Dichlorobenzene-d4

Concen: 0.780 ug/l

RT: 12.193 min Scan# 3389

Delta R.T. 0.006 min

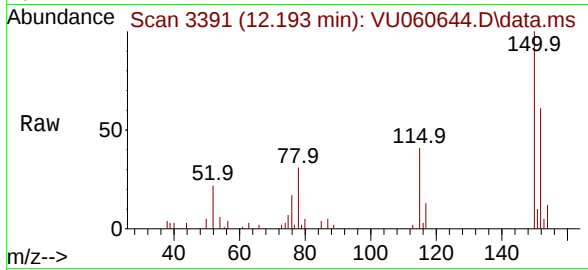
Lab File: VU060644.D

Acq: 06 Sep 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :



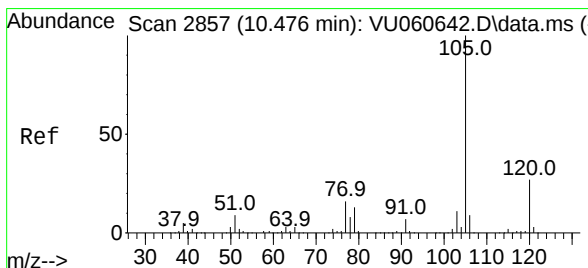
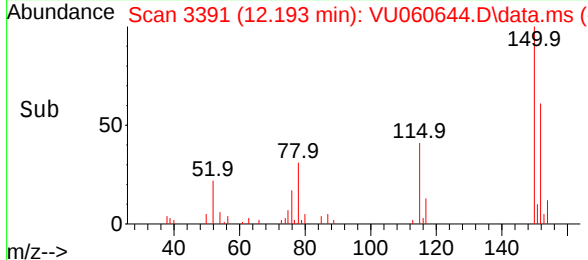
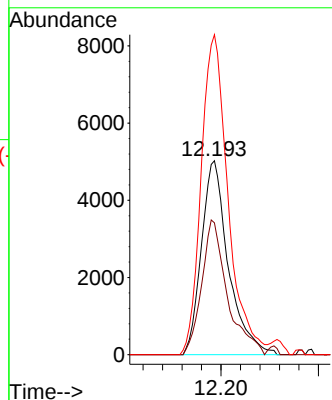
Tgt Ion:152 Resp: 9658

Ion Ratio Lower Upper

152 100

115 66.0 0.0 300.4

150 163.9 0.0 669.4



#69

Isopropylbenzene

Concen: 0.278 ug/l

RT: 10.486 min Scan# 2860

Delta R.T. 0.010 min

Lab File: VU060644.D

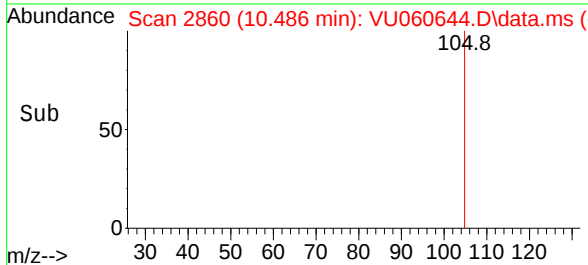
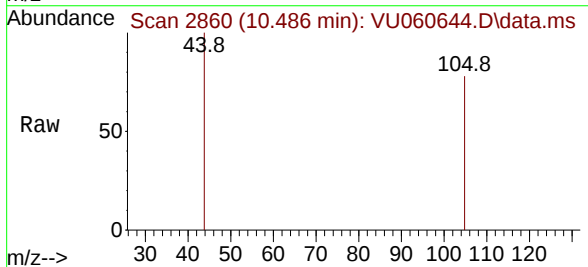
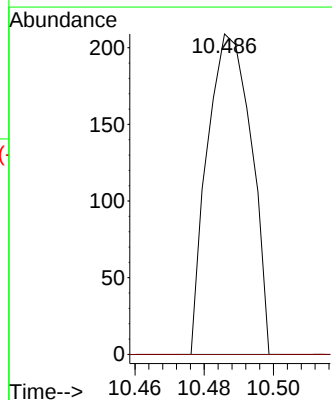
Acq: 06 Sep 2024 16:21

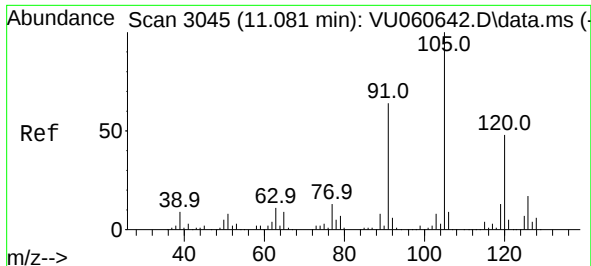
Tgt Ion:105 Resp: 184

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#





#75

1,3,5-Trimethylbenzene

Concen: 0.308 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.009 min

Lab File: VU060644.D

Acq: 06 Sep 2024 16:21

Instrument :

MSVOA_U

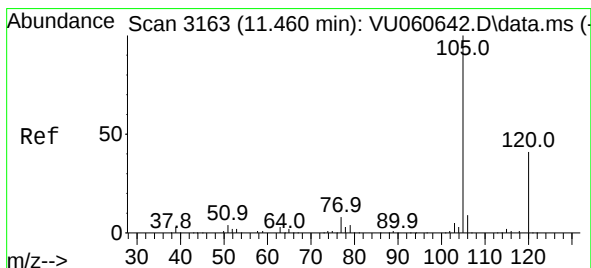
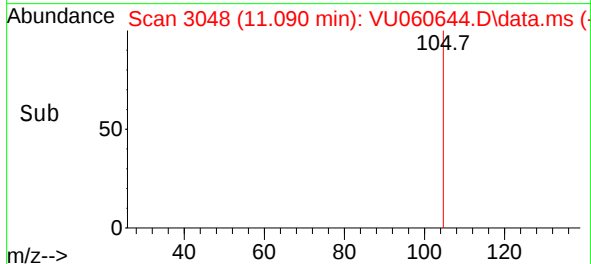
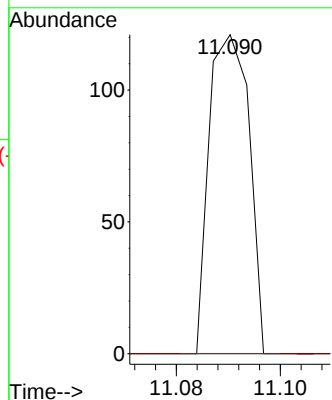
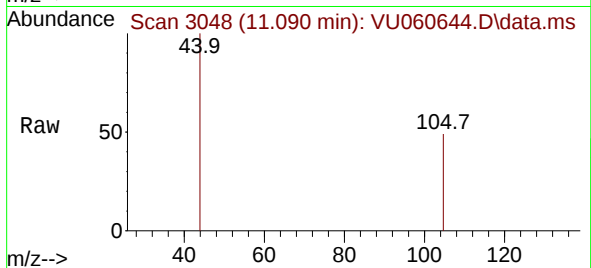
ClientSampleId :

Tgt Ion:105 Resp: 64

Ion Ratio Lower Upper

105 100

120 0.0 38.3 57.5#



#78

1,2,4-Trimethylbenzene

Concen: 0.323 ug/l

RT: 11.640 min Scan# 3219

Delta R.T. 0.180 min

Lab File: VU060644.D

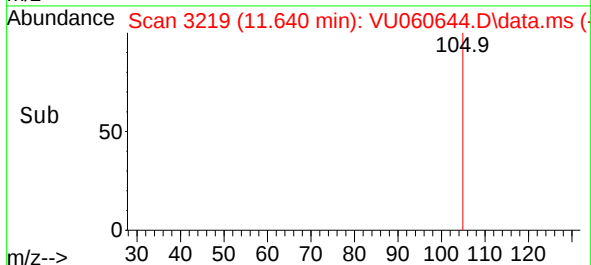
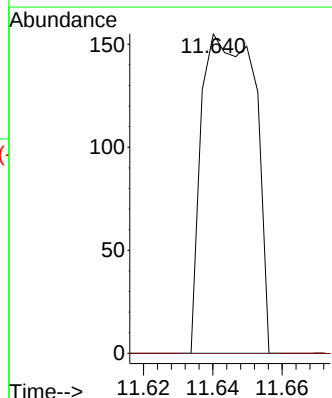
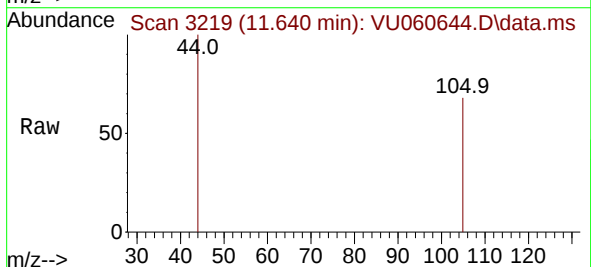
Acq: 06 Sep 2024 16:21

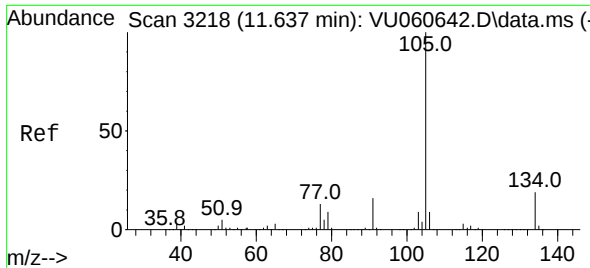
Tgt Ion:105 Resp: 164

Ion Ratio Lower Upper

105 100

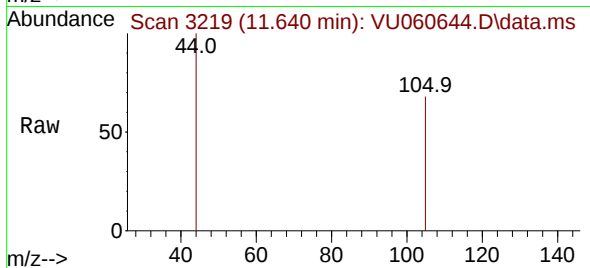
120 0.0 22.6 67.7#



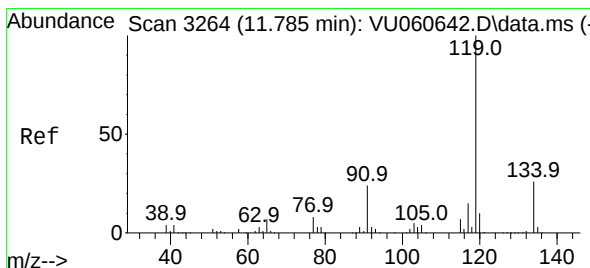
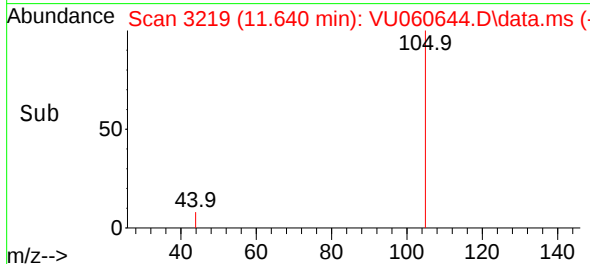
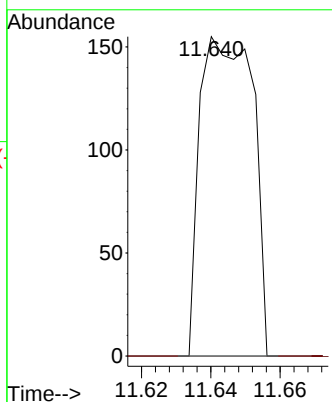


#79
 sec-Butylbenzene
 Concen: 0.271 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.003 min
 Lab File: VU060644.D
 Acq: 06 Sep 2024 16:21

Instrument :
 MSVOA_U
 ClientSampleId :

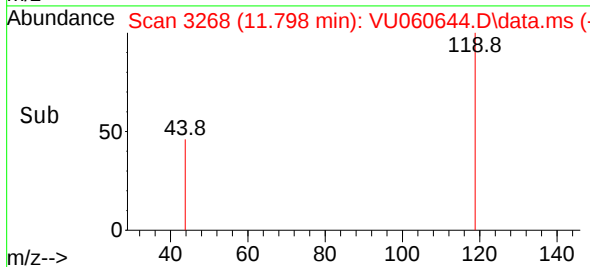
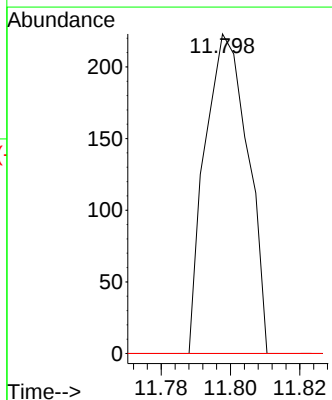
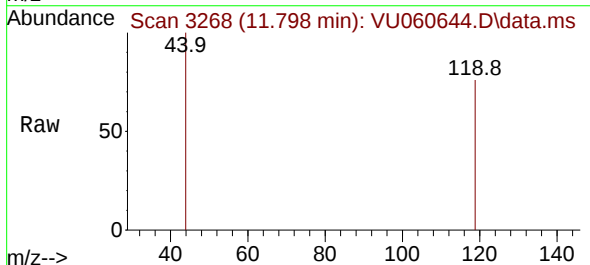


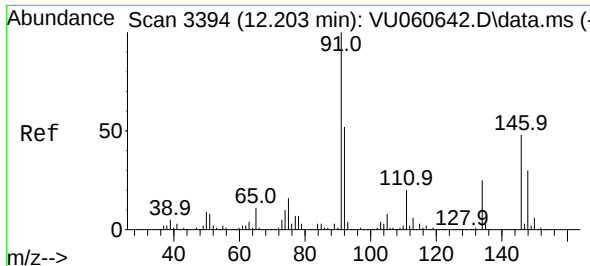
Tgt Ion:105 Resp: 164
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.8 23.6#



#81
 p-Isopropyltoluene
 Concen: 0.351 ug/l
 RT: 11.798 min Scan# 3268
 Delta R.T. 0.013 min
 Lab File: VU060644.D
 Acq: 06 Sep 2024 16:21

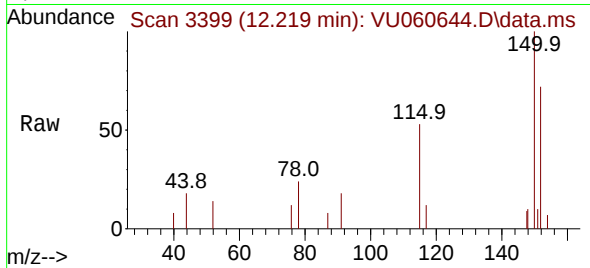
Tgt Ion:119 Resp: 192
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.9 31.3#
 91 0.0 19.5 29.3#



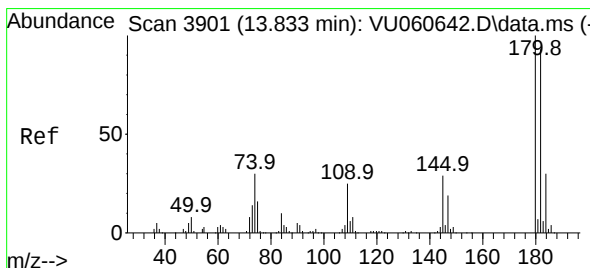
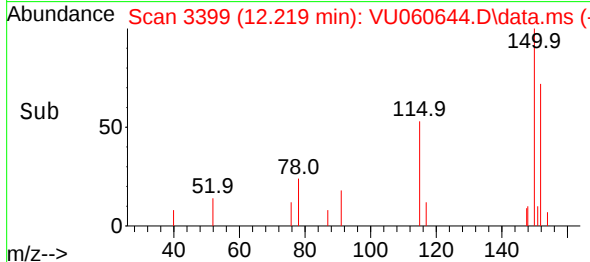
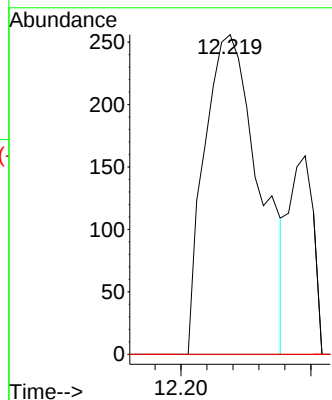


#84
n-Butylbenzene
Concen: 0.364 ug/l
RT: 12.219 min Scan# 3399
Delta R.T. 0.016 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

Instrument :
MSVOA_U
ClientSampleId :

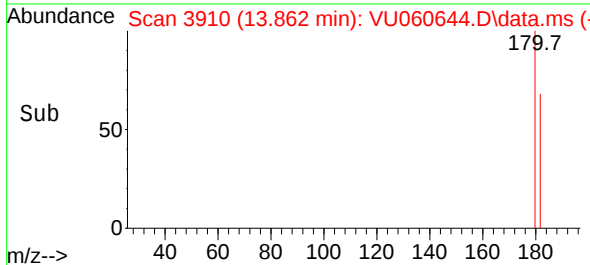
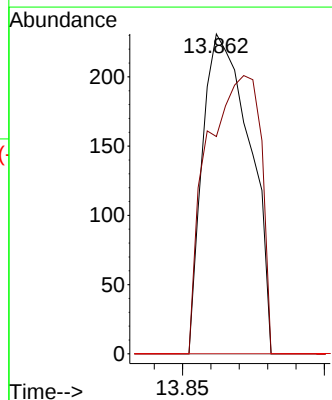
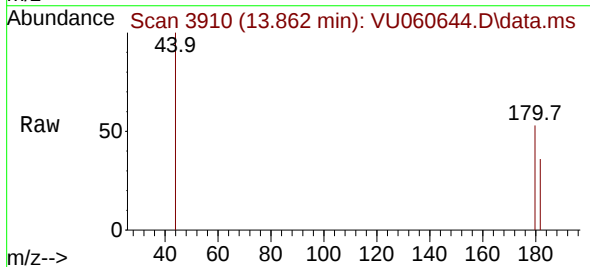


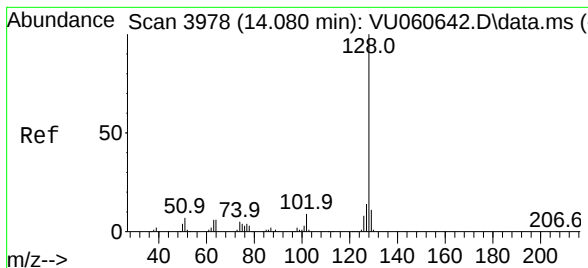
Tgt Ion: 91 Resp: 375
Ion Ratio Lower Upper
91 100
92 0.0 41.3 61.9#
134 0.0 19.8 29.8#



#87
1,2,4-Trichlorobenzene
Concen: 0.418 ug/l
RT: 13.862 min Scan# 3910
Delta R.T. 0.029 min
Lab File: VU060644.D
Acq: 06 Sep 2024 16:21

Tgt Ion: 180 Resp: 267
Ion Ratio Lower Upper
180 100
182 98.5 75.0 112.4
145 0.0 23.8 35.6#





#89

Naphthalene

Concen: 0.875 ug/l

RT: 14.126 min Scan# 3992

Delta R.T. 0.046 min

Lab File: VU060644.D

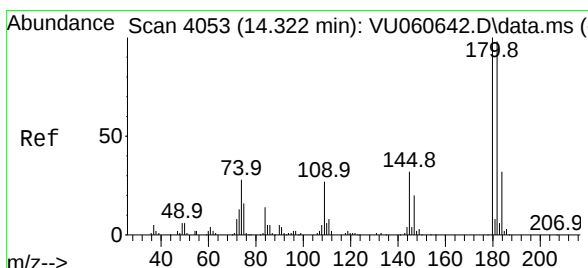
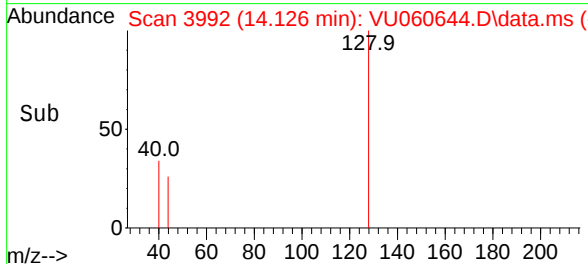
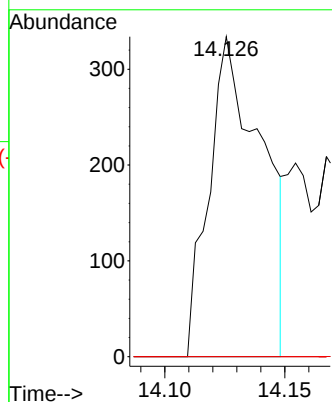
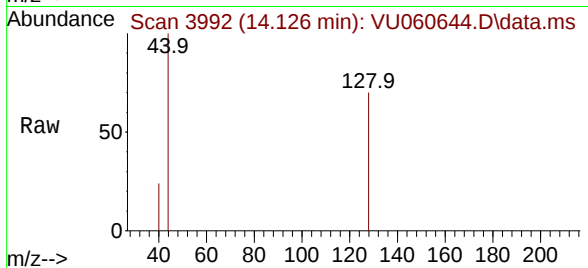
Acq: 06 Sep 2024 16:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	512
Ion Ratio	Lower	Upper
128	100	
127	0.0	11.0 16.4#
129	0.0	8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.463 ug/l

RT: 14.341 min Scan# 4059

Delta R.T. 0.019 min

Lab File: VU060644.D

Acq: 06 Sep 2024 16:21

Tgt Ion:180	Resp:	424
Ion Ratio	Lower	Upper
180	100	
182	52.1	77.1 115.7#
145	0.0	25.4 38.0#

