Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
Data File : VU060323.D
Acq On : 06 Aug 2024 15:25
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 07 07:02:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.113	96	29079	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8338	0.842	ug/l	0.00
Spiked Amount 1.000			Recovery =	84.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	9663	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery =	90.000%		
Target Compounds						Qvalue
46) t-1,4-Dichloro-2-butene	10.634	75	3917	1.514	ug/l #	28
63) Ethyl Benzene	9.573	91	3360	0.576	ug/l	91
64) m/p-Xylenes	9.701	106	263	0.913	ug/l #	57
65) o-Xylene	10.097	106	63	0.447	ug/l #	1
66) Styrene	10.126	104	2614	0.563	ug/l #	83
69) Isopropylbenzene	10.486	105	65	0.476	ug/l #	49
71) 1,2,3-Trichloropropane	10.634	75	3917	0.550	ug/l #	38
78) 1,2,4-Trimethylbenzene	11.650	105	23	0.497	ug/l #	31
79) sec-Butylbenzene	11.650	105	23	0.453	ug/l #	57
87) 1,2,4-Trichlorobenzene	13.843	180	5151	0.504	ug/l	92

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

Quantitation Report (Not Reviewed)

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MSVOA_U
ClientSampleId :

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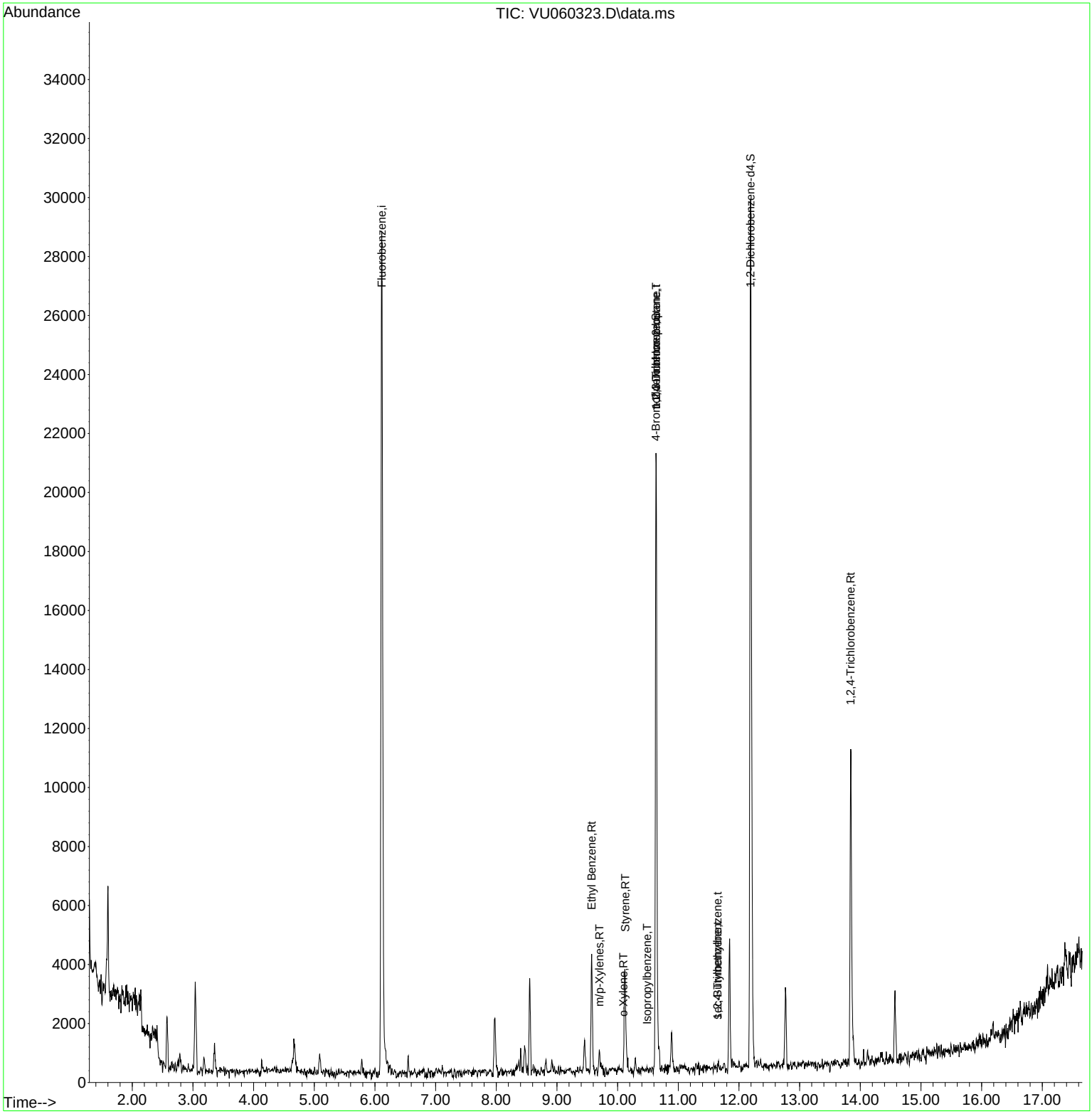
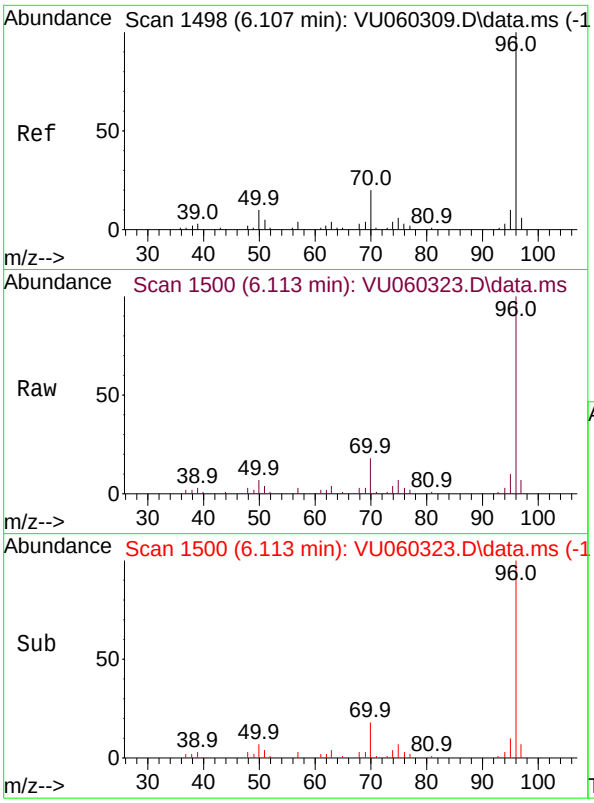
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration



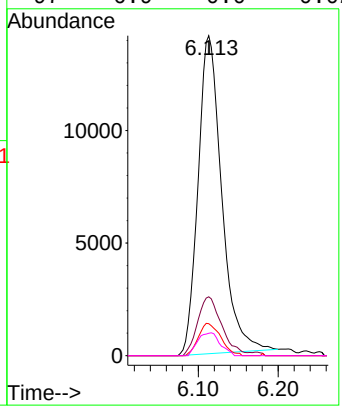


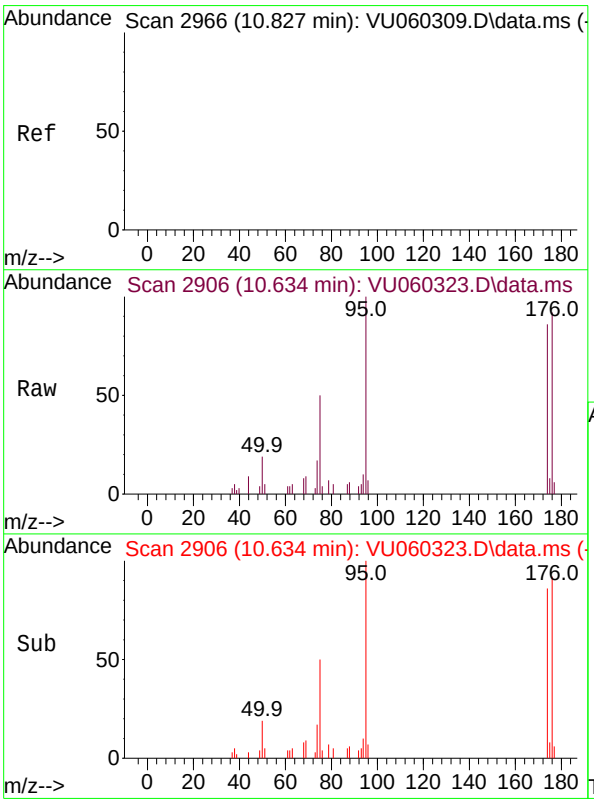
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 29079

Ion	Ratio	Lower	Upper
96	100		
70	17.7	17.2	25.8
95	9.6	7.9	11.9
97	6.9	0.0	0.0#

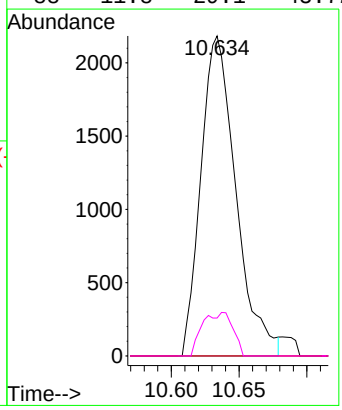


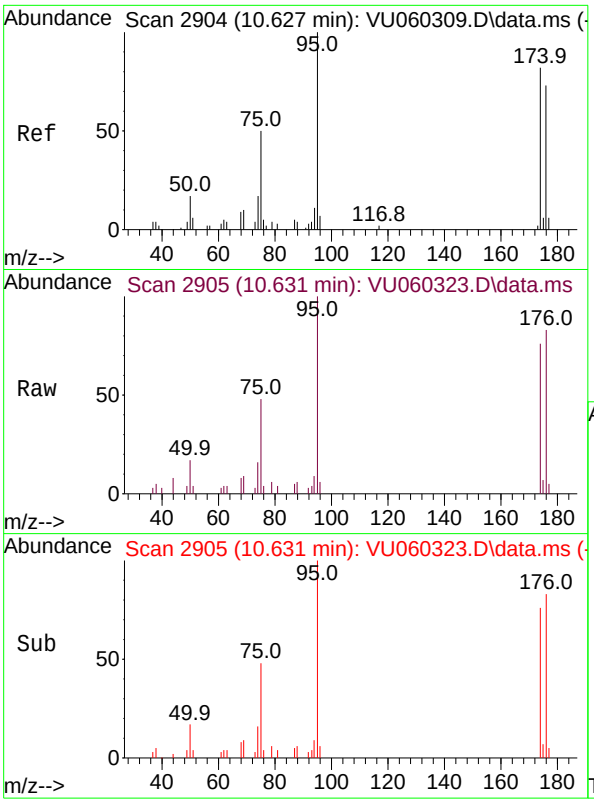


#46
t-1,4-Dichloro-2-butene
Concen: 1.514 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.193 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion: 75 Resp: 3917

Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.2	85.8#
89	0.0	40.4	60.6#
88	11.8	29.1	43.7#



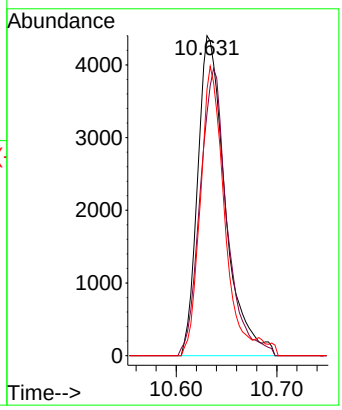


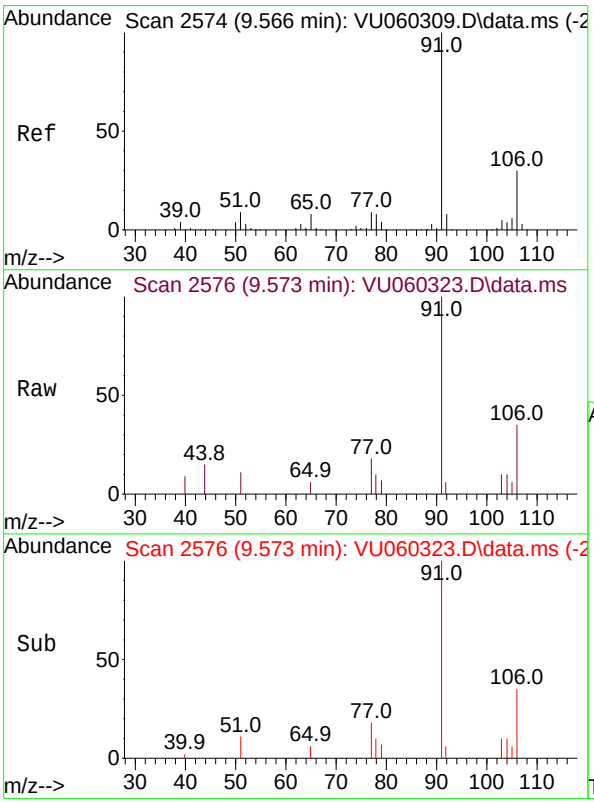
#57
4-Bromofluorobenzene
Concen: 0.842 ug/l
RT: 10.631 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8338

Ion	Ratio	Lower	Upper
95	100		
174	87.8	65.6	98.4
176	77.8	60.4	90.6

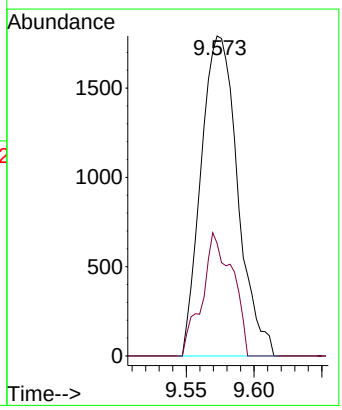


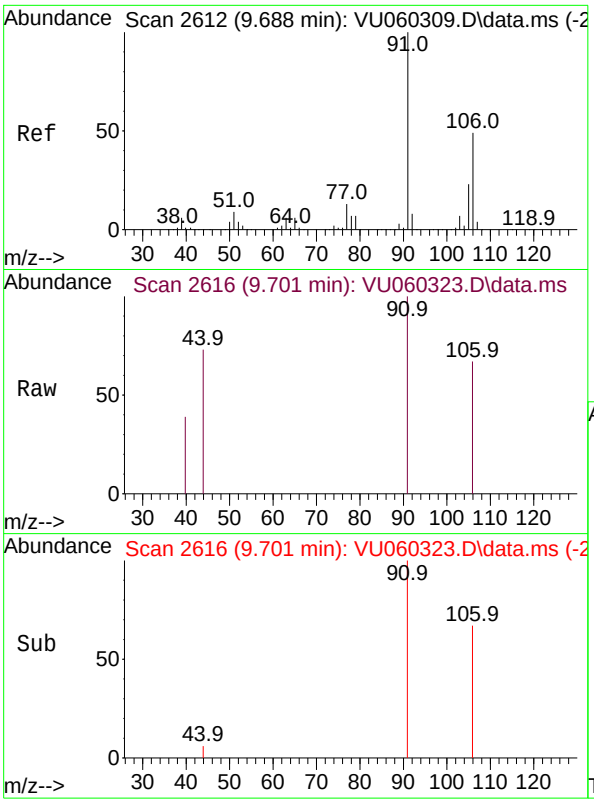


#63
Ethyl Benzene
Concen: 0.576 ug/l
RT: 9.573 min Scan# 2576
Delta R.T. 0.007 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion: 91 Resp: 3360

Ion	Ratio	Lower	Upper
91	100		
106	35.2	24.4	36.6



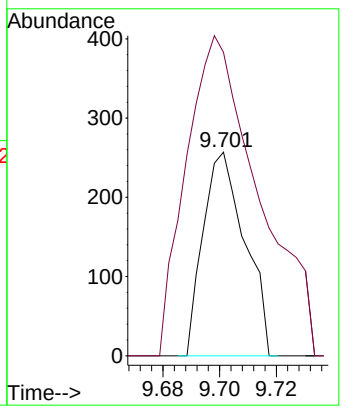


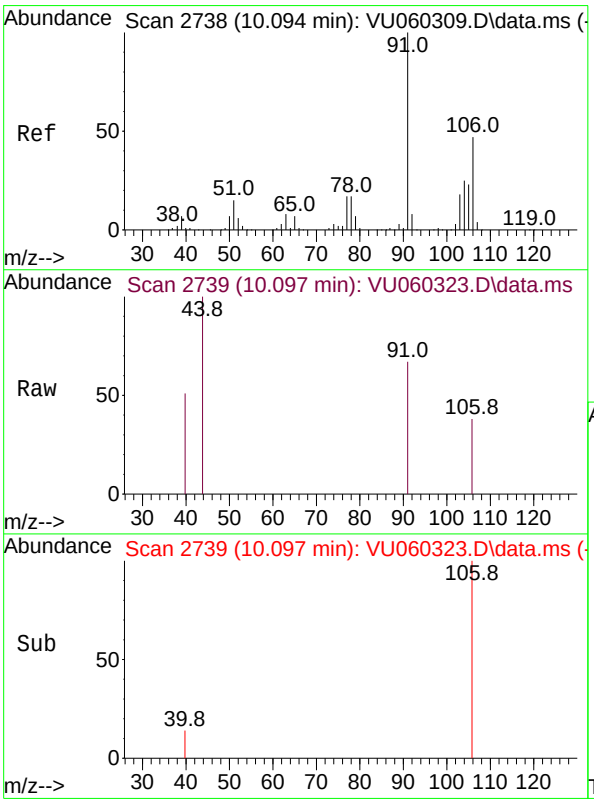
#64
m/p-Xylenes
Concen: 0.913 ug/l
RT: 9.701 min Scan# 2
Delta R.T. 0.013 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 263

Ion	Ratio	Lower	Upper
106	100		
91	272.6	165.0	247.4#

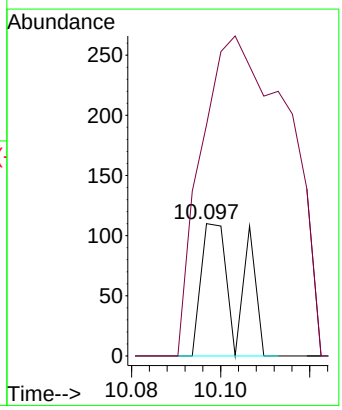


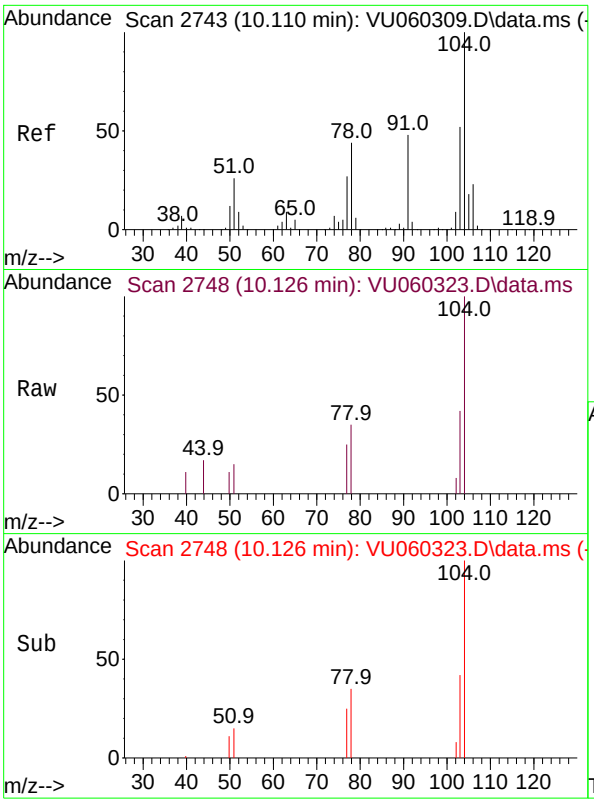


#65
o-Xylene
Concen: 0.447 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion:106 Resp: 63

Ion	Ratio	Lower	Upper
106	100		
91	571.4	108.8	326.4#



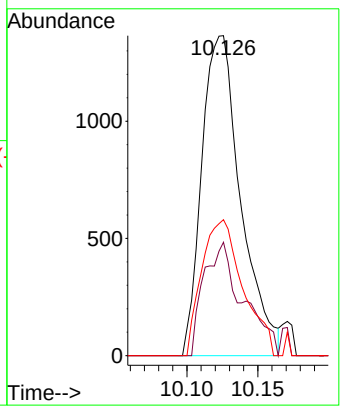


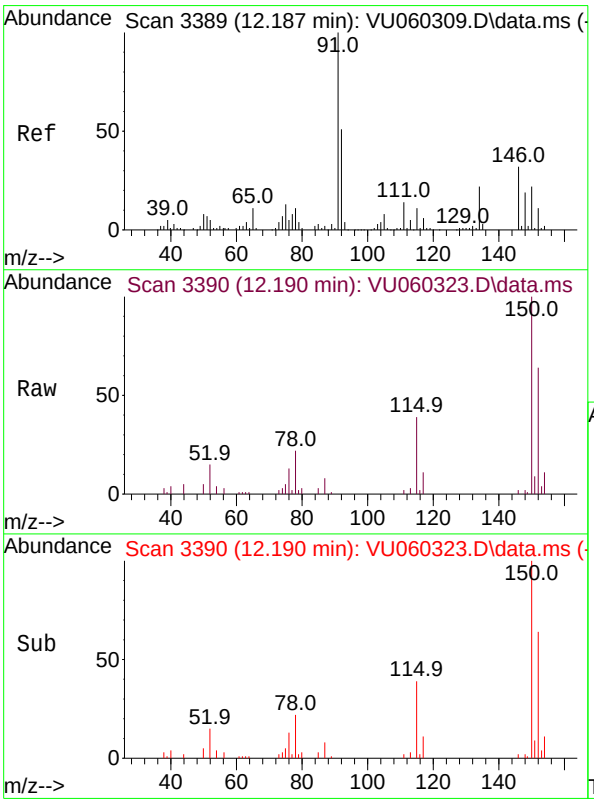
#66
Styrene
Concen: 0.563 ug/l
RT: 10.126 min Scan# 2
Delta R.T. 0.016 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:104 Resp: 2614

Ion	Ratio	Lower	Upper
104	100		
78	35.6	39.0	58.6#
103	44.9	45.0	67.6#

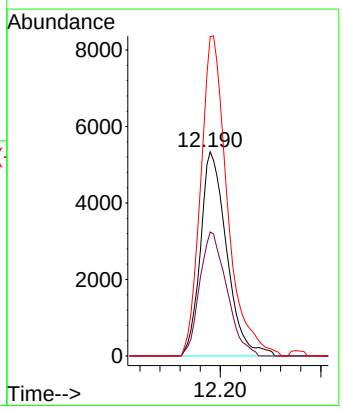


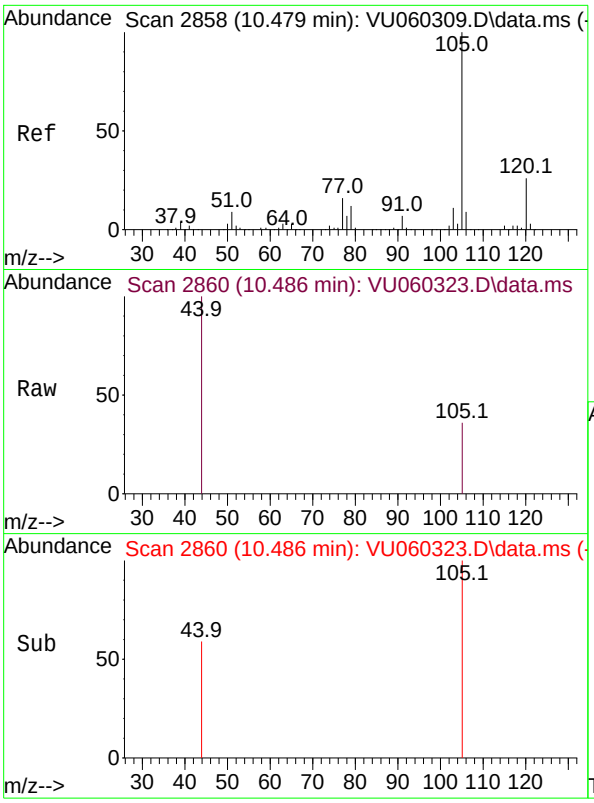


#68
1,2-Dichlorobenzene-d4
Concen: 0.898 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion:152 Resp: 9663

Ion	Ratio	Lower	Upper
152	100		
115	62.8	0.0	325.2
150	159.6	0.0	684.2



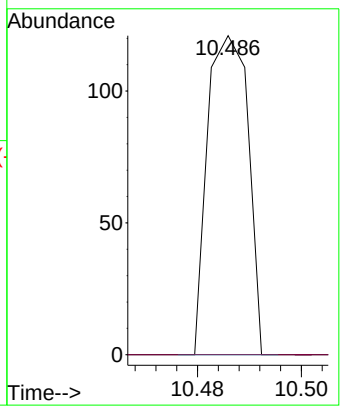


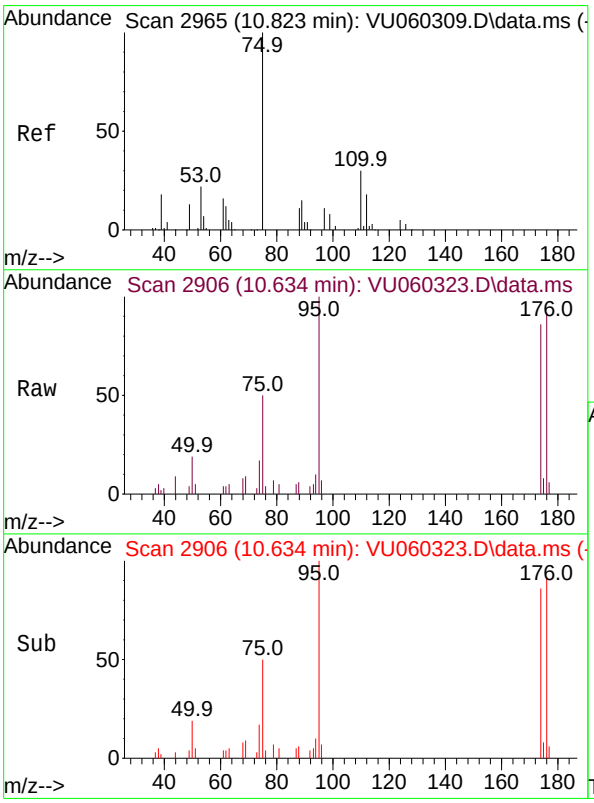
#69
Isopropylbenzene
Concen: 0.476 ug/l
RT: 10.486 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 65

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	39.0#

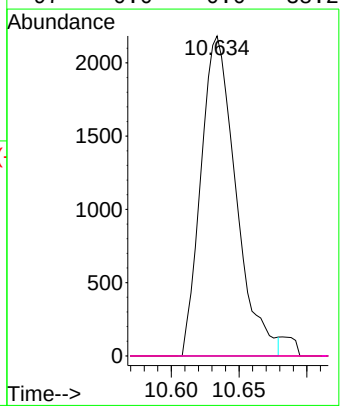


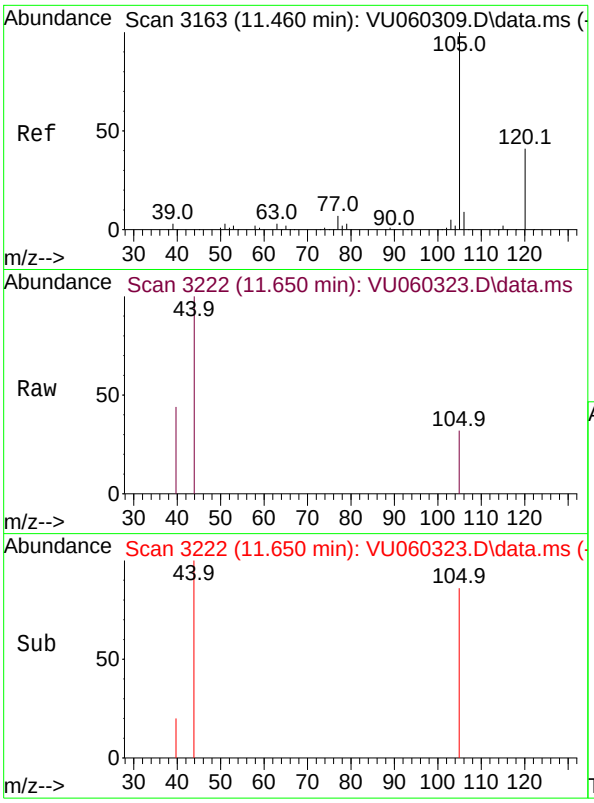


#71
1,2,3-Trichloropropane
Concen: 0.550 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.190 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion: 75 Resp: 3917

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	102.2
110	0.0	0.0	67.4
97	0.0	0.0	38.2



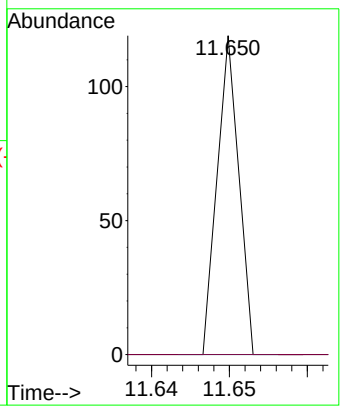


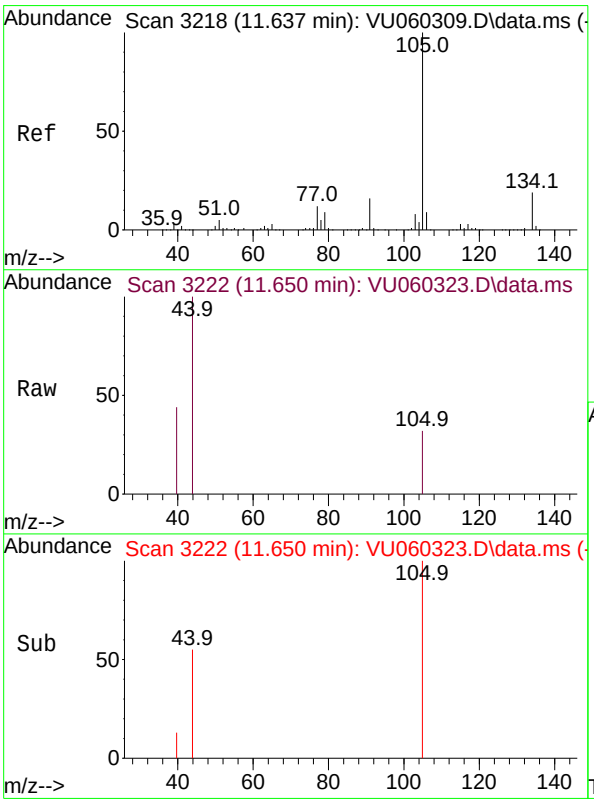
#78
1,2,4-Trimethylbenzene
Concen: 0.497 ug/l
RT: 11.650 min Scan# 3
Delta R.T. 0.190 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 23

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.6	67.7#

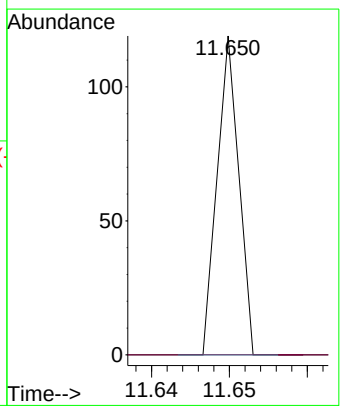


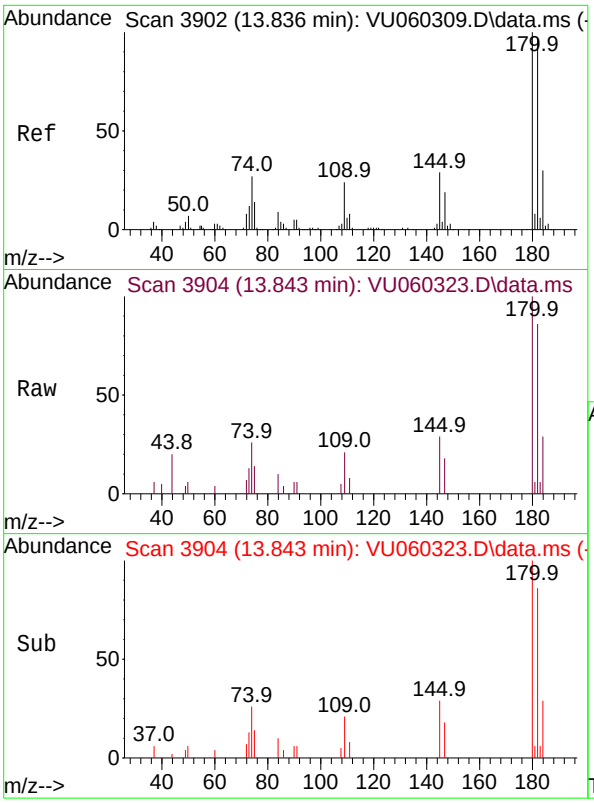


#79
sec-Butylbenzene
Concen: 0.453 ug/l
RT: 11.650 min Scan# 3222
Delta R.T. 0.013 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Tgt Ion:105 Resp: 23

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.5	23.3#





#87
1,2,4-Trichlorobenzene
Concen: 0.504 ug/l
RT: 13.843 min Scan# 3
Delta R.T. 0.007 min
Lab File: VU060323.D
Acq: 06 Aug 2024 15:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 5151

Ion	Ratio	Lower	Upper
180	100		
182	89.0	76.8	115.2
145	24.3	23.4	35.0