Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
Data File : VU060345.D
Acq On : 07 Aug 2024 18:47
Operator : MD/SY
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 08 06:03:53 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	26335	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8094	0.902	ug/l	0.00
Spiked Amount 1.000			Recovery = 90.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	8849	0.908	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.000%			
Target Compounds						Qvalue
24) tert-Butyl Alcohol	3.181	59	328	0.410	ug/l #	83
46) t-1,4-Dichloro-2-butene	10.634	75	3427	1.462	ug/l #	26
63) Ethyl Benzene	9.573	91	79	0.501	ug/l #	44
66) Styrene	10.139	104	91	0.474	ug/l #	25
69) Isopropylbenzene	10.479	105	211	0.480	ug/l #	49
71) 1,2,3-Trichloropropane	10.634	75	3427	0.532	ug/l #	38
73) n-propylbenzene	10.913	120	304	0.516	ug/l	76
75) 1,3,5-Trimethylbenzene	11.110	105	61	0.459	ug/l #	29
78) 1,2,4-Trimethylbenzene	11.476	105	298	0.505	ug/l	66
79) sec-Butylbenzene	11.643	105	441	0.462	ug/l #	57
81) p-Isopropyltoluene	11.798	119	338	0.529	ug/l #	50
84) n-Butylbenzene	12.222	91	373	0.521	ug/l #	34

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

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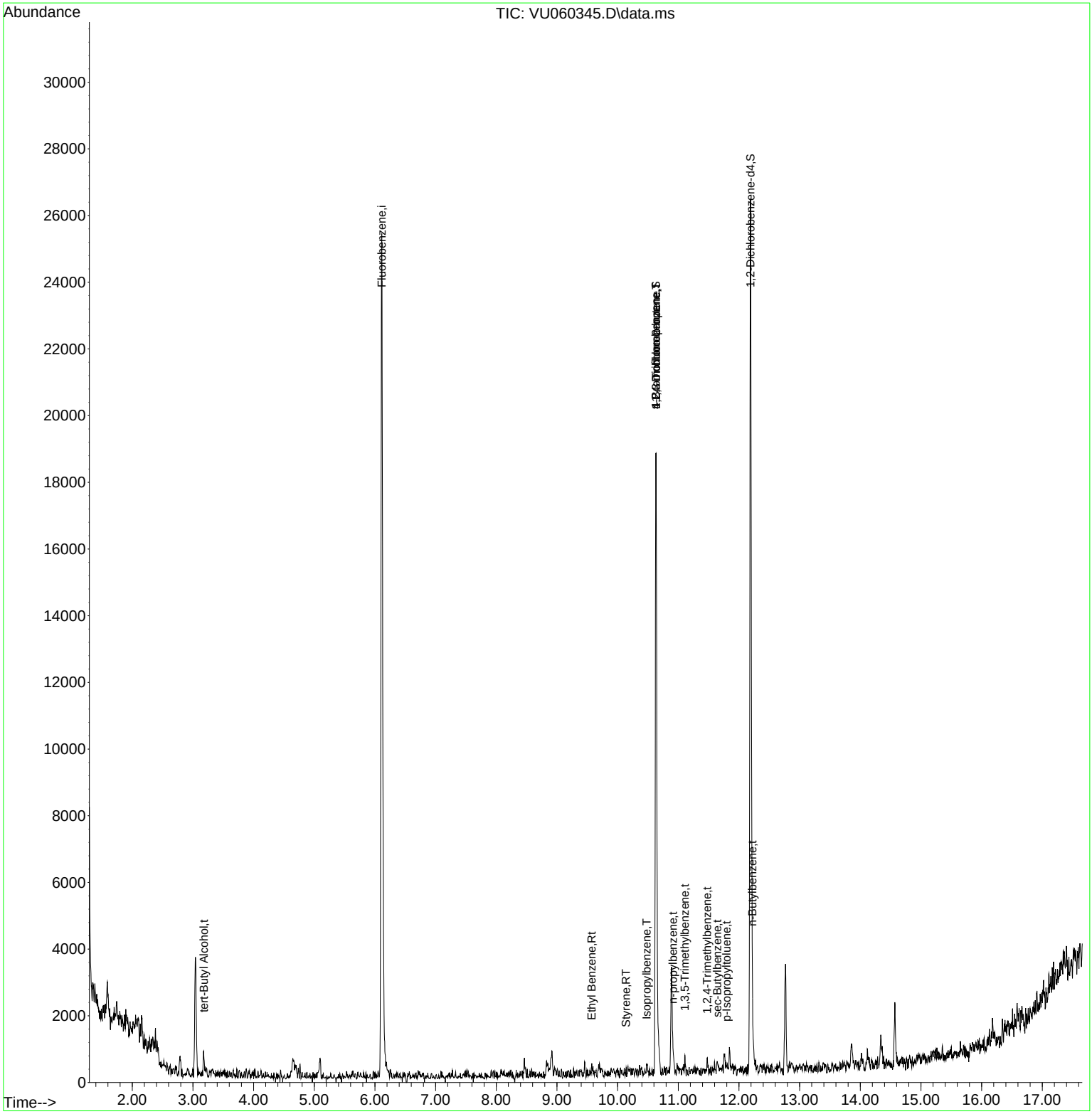
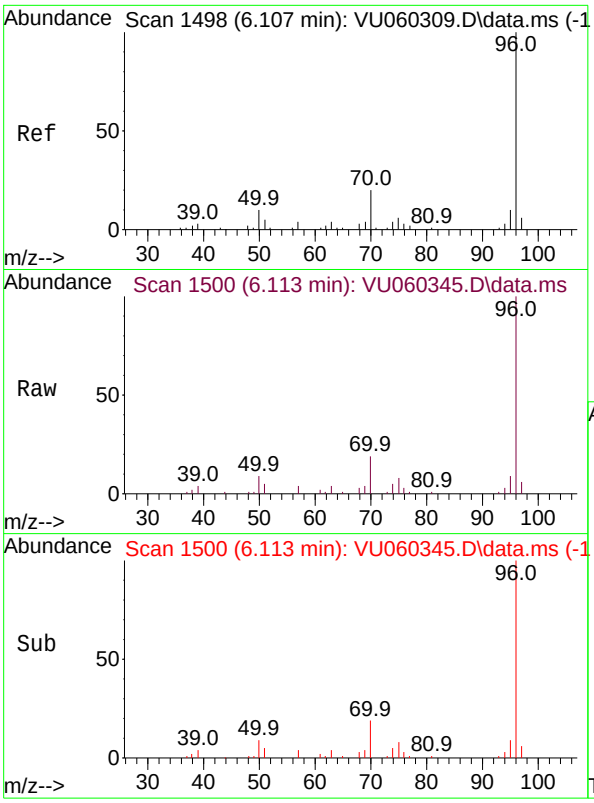
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 08 06:03:53 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



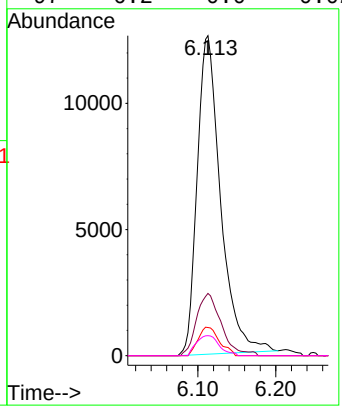


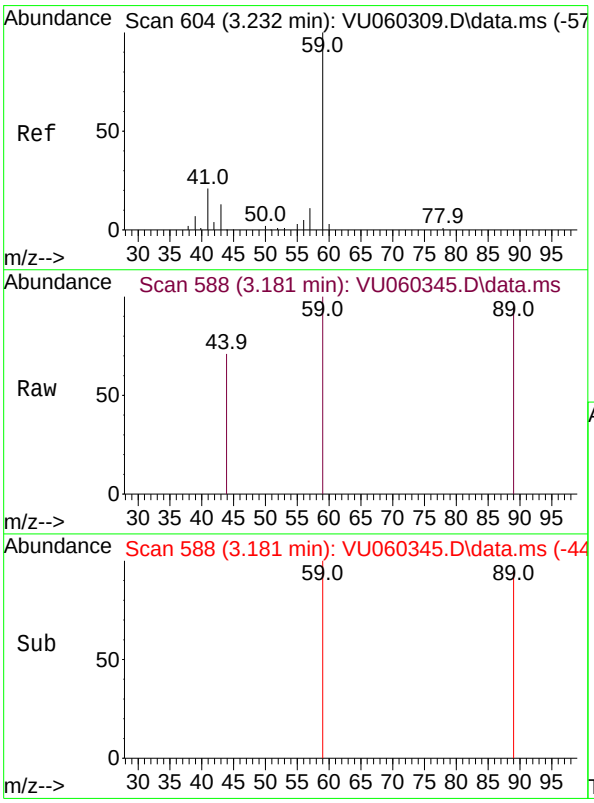
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 26335

Ion	Ratio	Lower	Upper
96	100		
70	20.6	17.2	25.8
95	8.1	7.9	11.9
97	6.2	0.0	0.0#

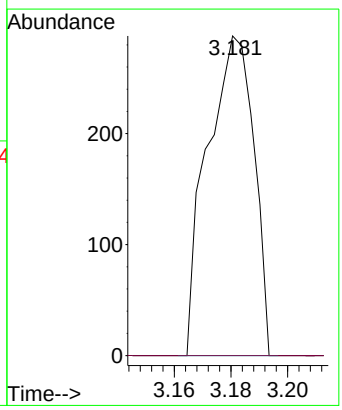


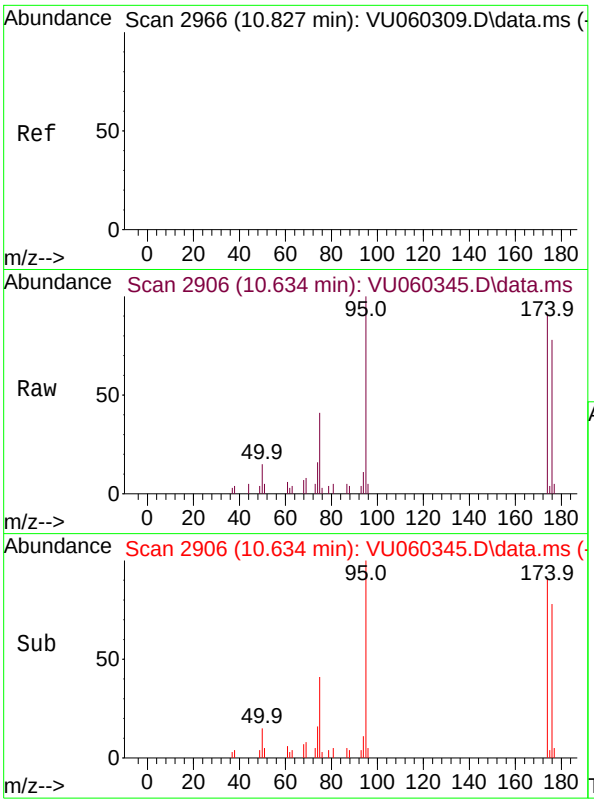


#24
tert-Butyl Alcohol
Concen: 0.410 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.051 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.5	6.7#



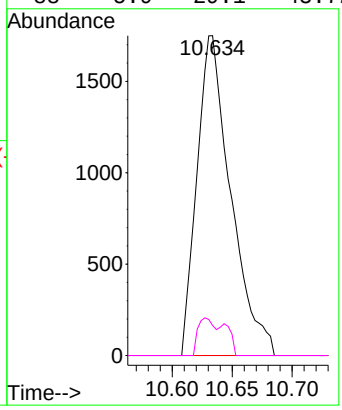


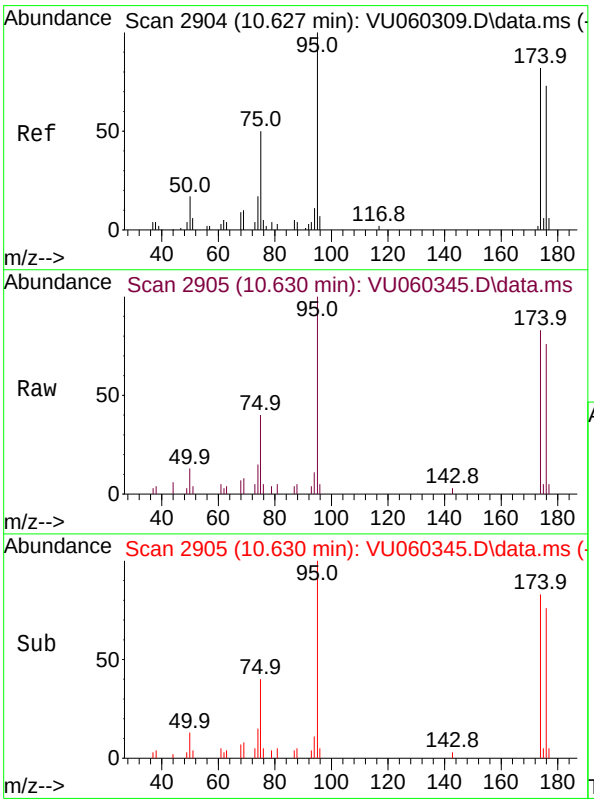
#46
t-1,4-Dichloro-2-butene
Concen: 1.462 ug/l
RT: 10.634 min Scan# 2
Delta R.T. -0.193 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3427

Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.2	85.8#
89	0.0	40.4	60.6#
88	5.9	29.1	43.7#

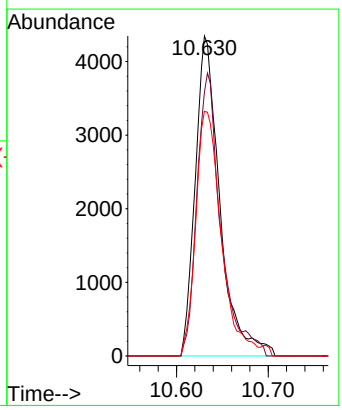


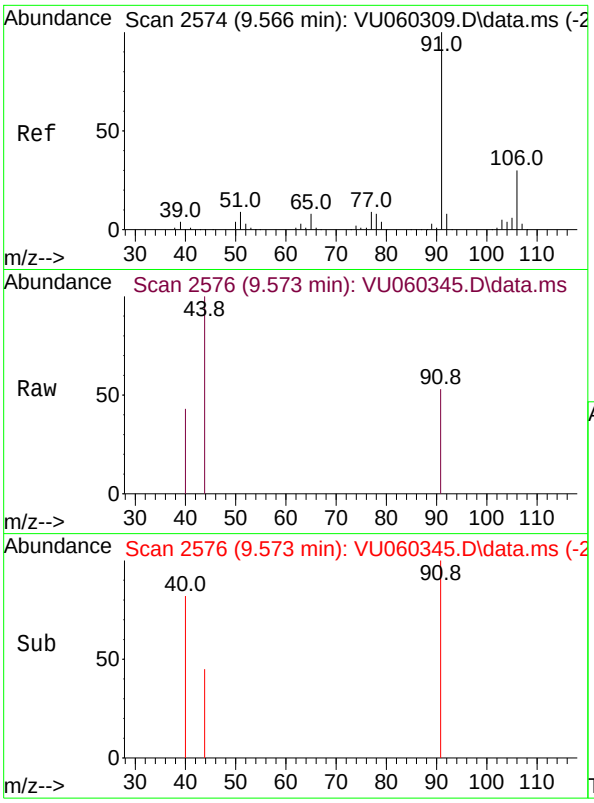


#57
4-Bromofluorobenzene
Concen: 0.902 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion: 95 Resp: 8094

Ion	Ratio	Lower	Upper
95	100		
174	85.8	65.6	98.4
176	79.4	60.4	90.6



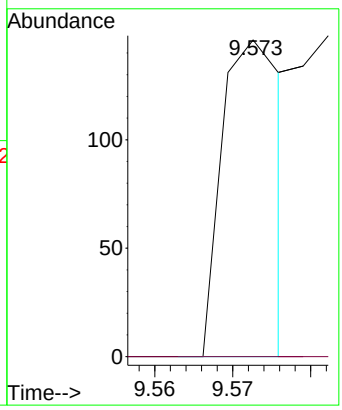


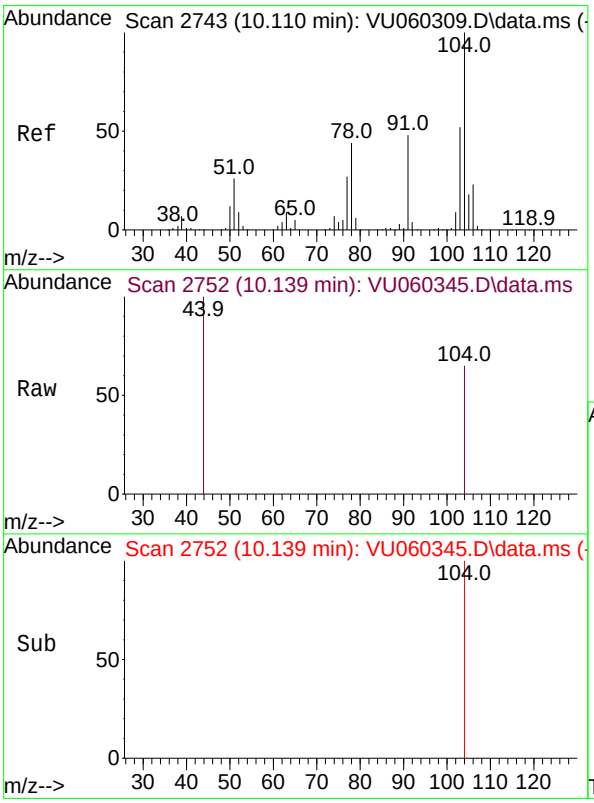
#63
Ethyl Benzene
Concen: 0.501 ug/l
RT: 9.573 min Scan# 2
Delta R.T. 0.007 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 79

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.4	36.6#

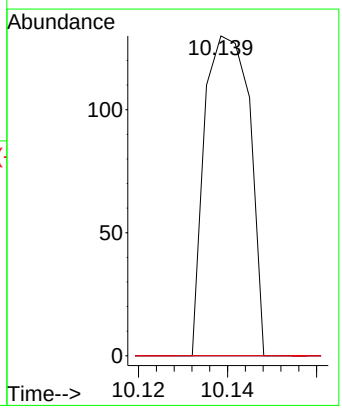


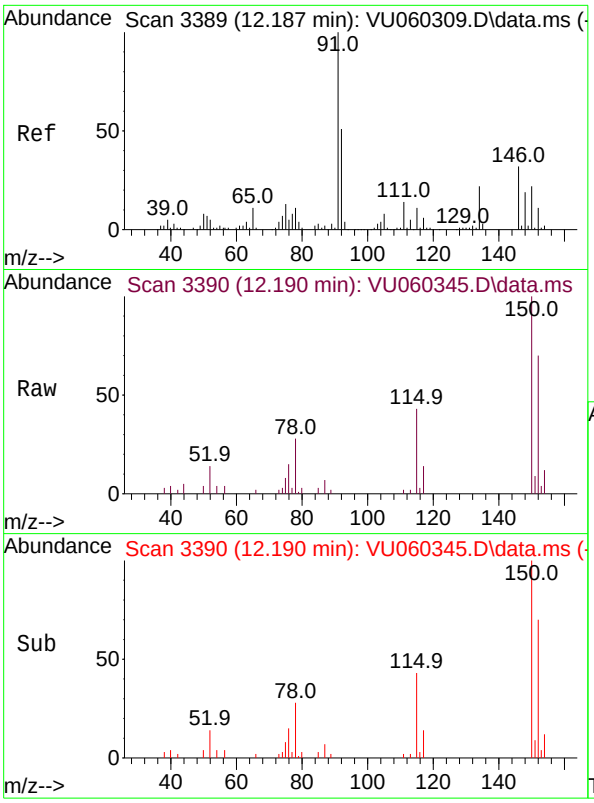


#66
Styrene
Concen: 0.474 ug/l
RT: 10.139 min Scan# 2752
Delta R.T. 0.029 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion:104 Resp: 91

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.6#
103	0.0	45.0	67.6#



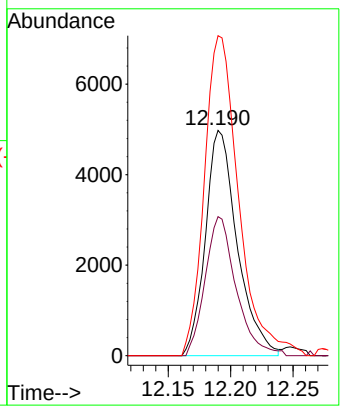


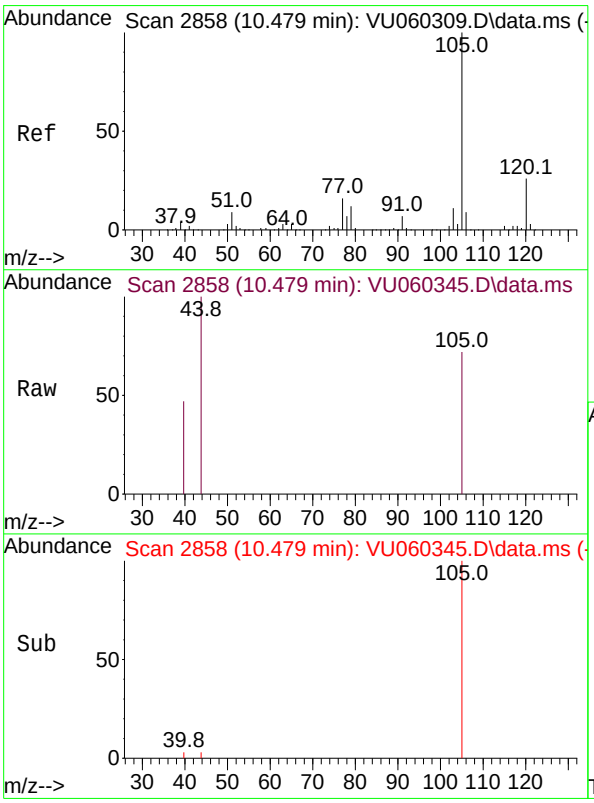
#68
1,2-Dichlorobenzene-d4
Concen: 0.908 ug/l
RT: 12.190 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 8849

Ion	Ratio	Lower	Upper
152	100		
115	59.8	0.0	325.2
150	153.0	0.0	684.2

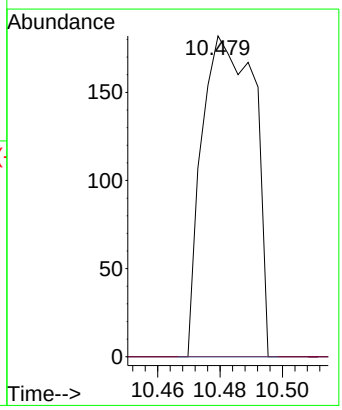


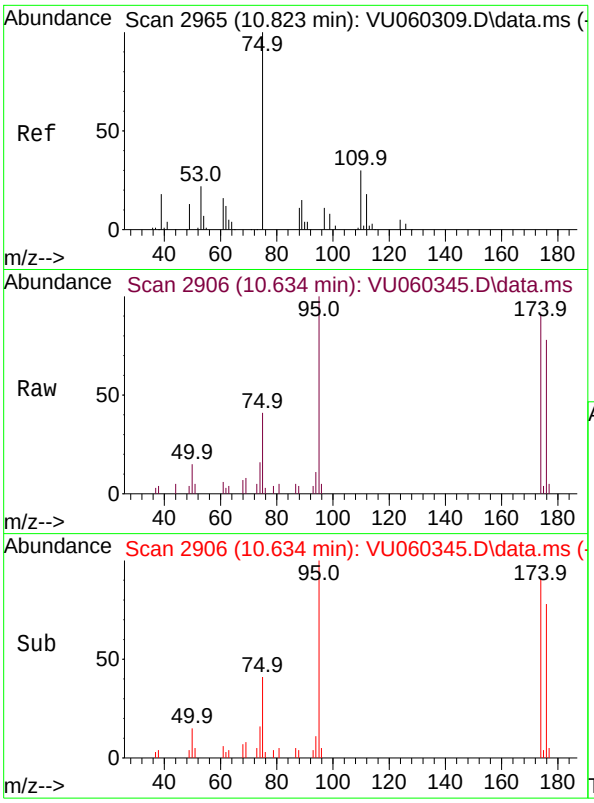


#69
Isopropylbenzene
Concen: 0.480 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion:105 Resp: 211

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	39.0#



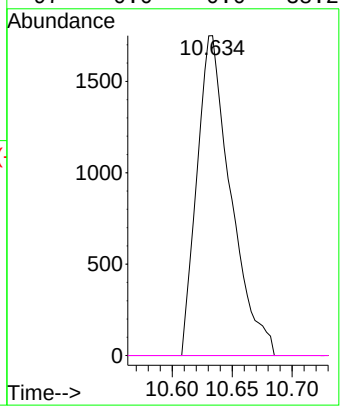


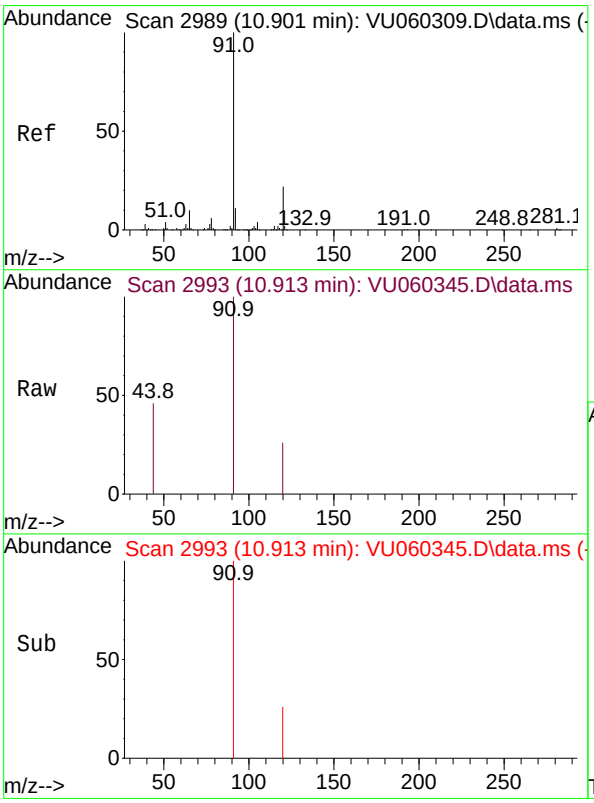
#71
1,2,3-Trichloropropane
Concen: 0.532 ug/l
RT: 10.634 min Scan# 2
Delta R.T. -0.190 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3427

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	102.2
110	0.0	0.0	67.4
97	0.0	0.0	38.2

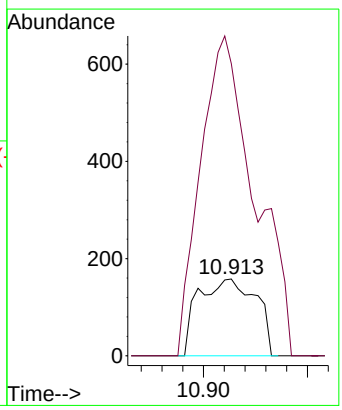


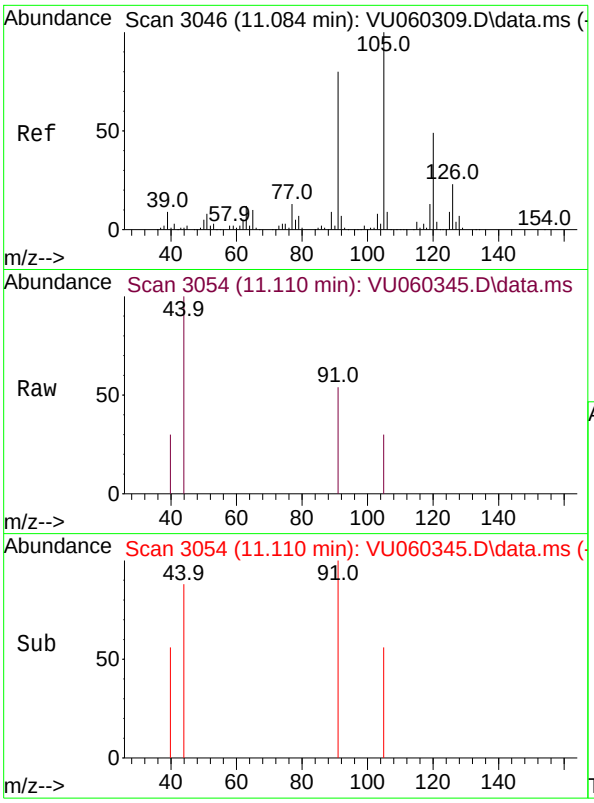


#73
n-propylbenzene
Concen: 0.516 ug/l
RT: 10.913 min Scan# 2993
Delta R.T. 0.012 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion:120 Resp: 304

Ion	Ratio	Lower	Upper
120	100		
91	389.8	362.2	543.2



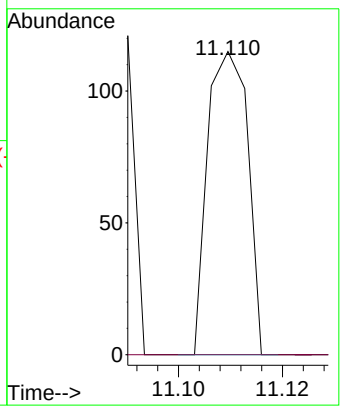


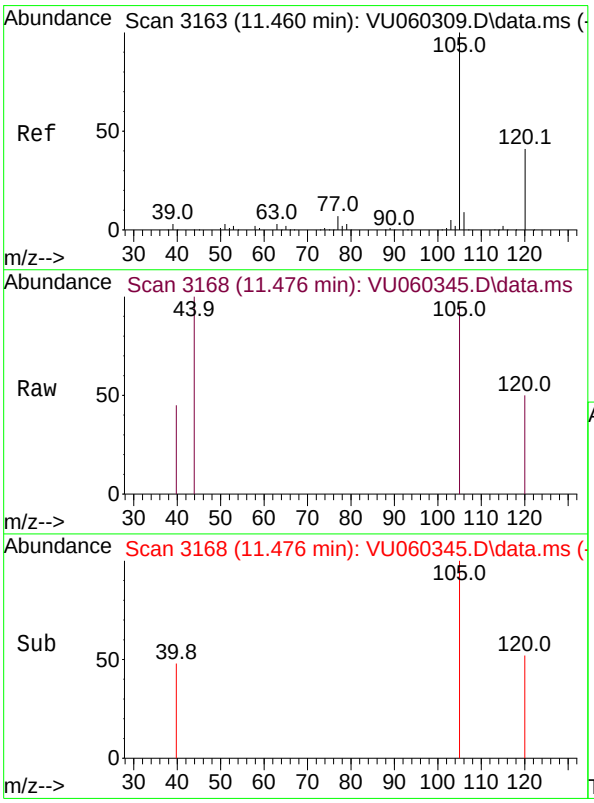
#75
1,3,5-Trimethylbenzene
Concen: 0.459 ug/l
RT: 11.110 min Scan# 3
Delta R.T. 0.026 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 61

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.6	57.8#

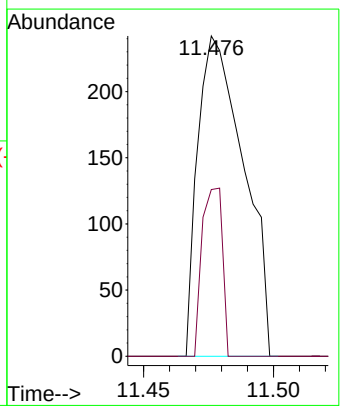


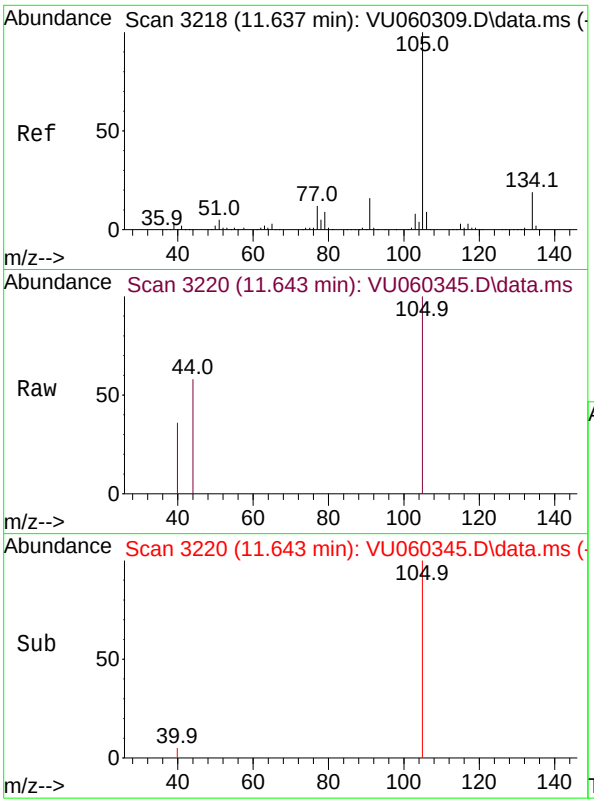


#78
1,2,4-Trimethylbenzene
Concen: 0.505 ug/l
RT: 11.476 min Scan# 3168
Delta R.T. 0.016 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion:105 Resp: 298

Ion	Ratio	Lower	Upper
105	100		
120	23.2	22.6	67.7



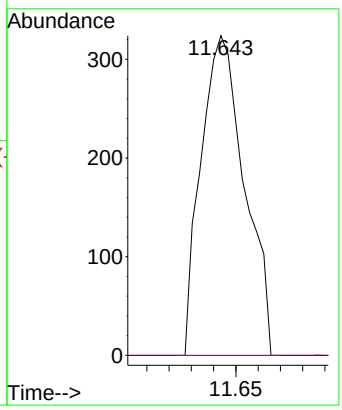


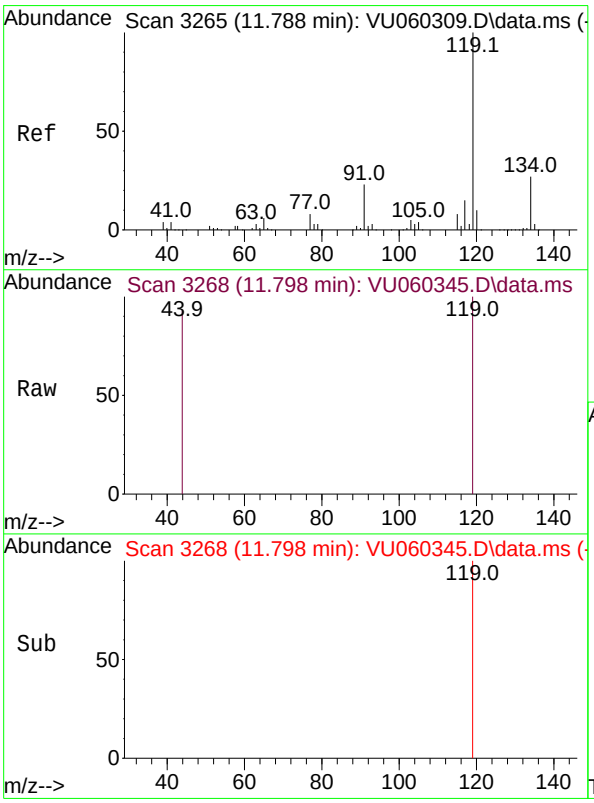
#79
sec-Butylbenzene
Concen: 0.462 ug/l
RT: 11.643 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 441

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.5	23.3#

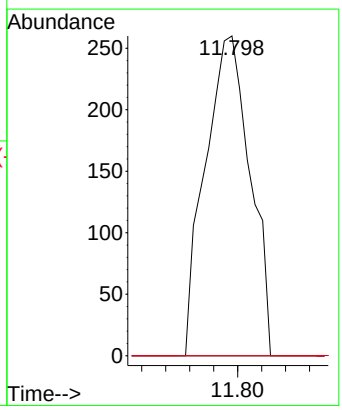


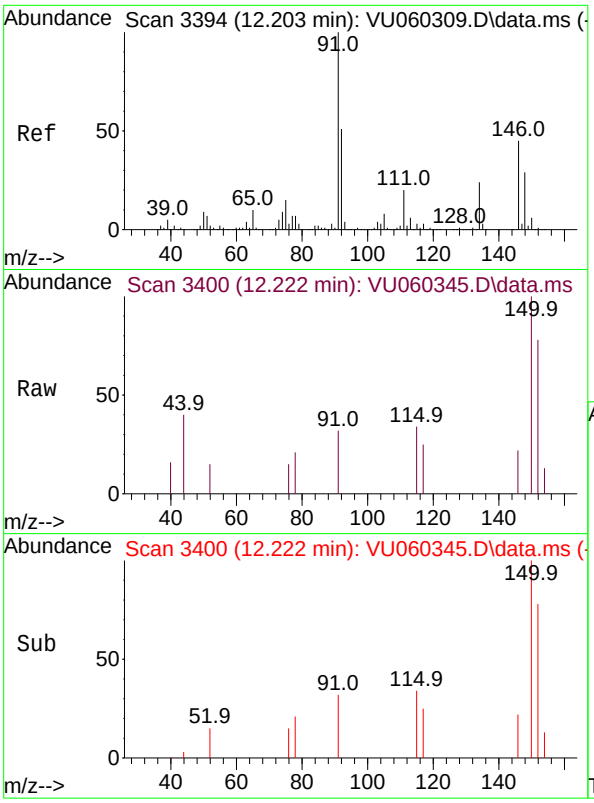


#81
p-Isopropyltoluene
Concen: 0.529 ug/l
RT: 11.798 min Scan# 3268
Delta R.T. 0.010 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Tgt Ion:119 Resp: 338

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.2	31.8#
91	0.0	18.9	28.3#





#84
n-Butylbenzene
Concen: 0.521 ug/l
RT: 12.222 min Scan# 3
Delta R.T. 0.019 min
Lab File: VU060345.D
Acq: 07 Aug 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 373

Ion	Ratio	Lower	Upper
91	100		
92	0.0	41.0	61.6#
134	0.0	19.4	29.2#