Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
Data File : VU059215.D
Acq On : 12 Jun 2024 10:52
Operator : MD/SY
Sample : VU0612WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 13 03:00:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 08:51:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.110	96	40582	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	11768	0.852	ug/l	0.00
Spiked Amount 1.000			Recovery =	85.000%		
68) 1,2-Dichlorobenzene-d4	12.190	152	12656	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery =	88.000%		
Target Compounds						Qvalue
24) tert-Butyl Alcohol	3.174	59	144	0.245	ug/l #	89
54) 2-Hexanone	8.740	43	43	2.159	ug/l #	30
78) 1,2,4-Trimethylbenzene	11.650	105	39	0.418	ug/l #	32
79) sec-Butylbenzene	11.650	105	39	0.366	ug/l #	59
84) n-Butylbenzene	12.248	91	20	0.472	ug/l #	35

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

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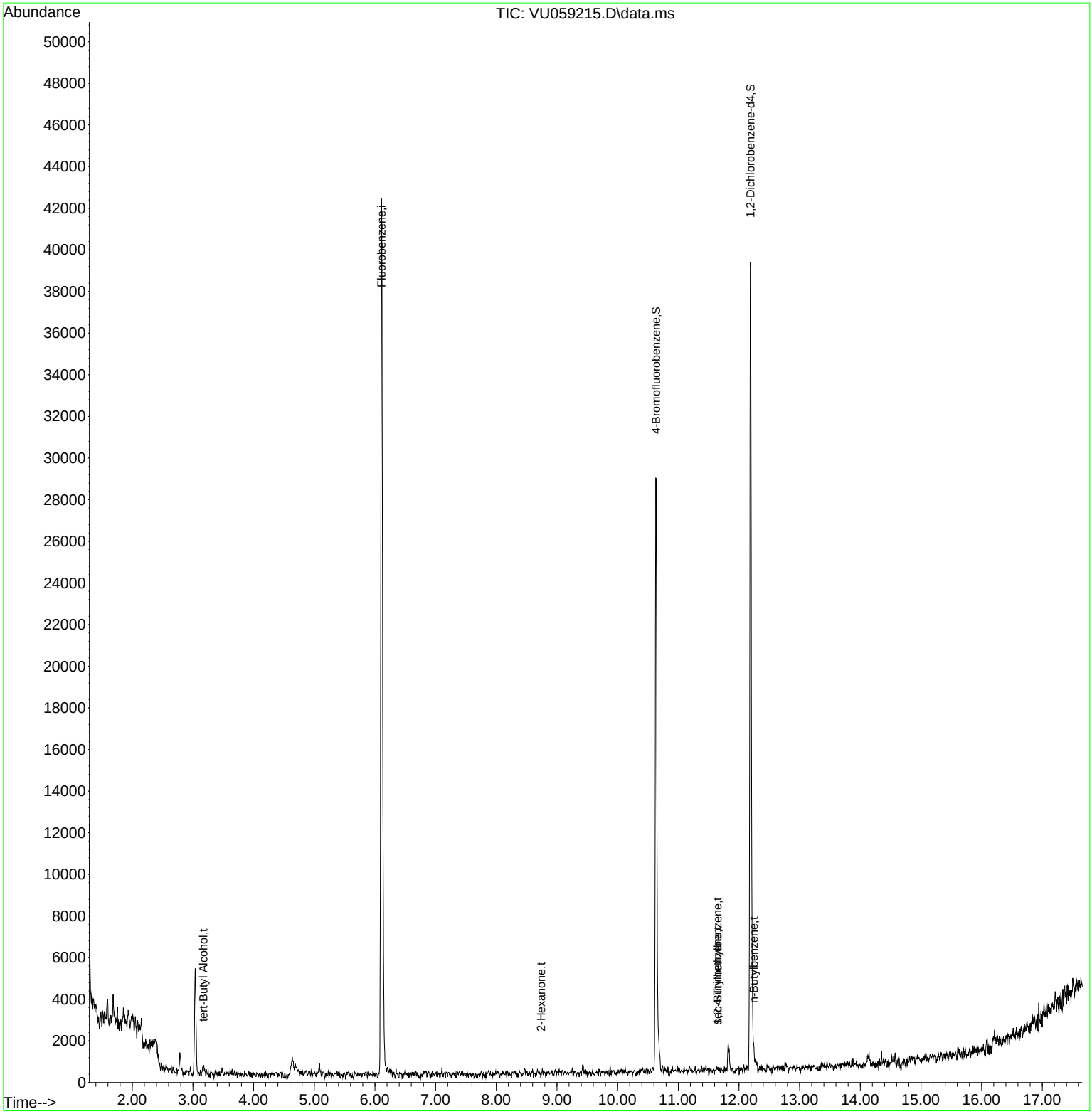
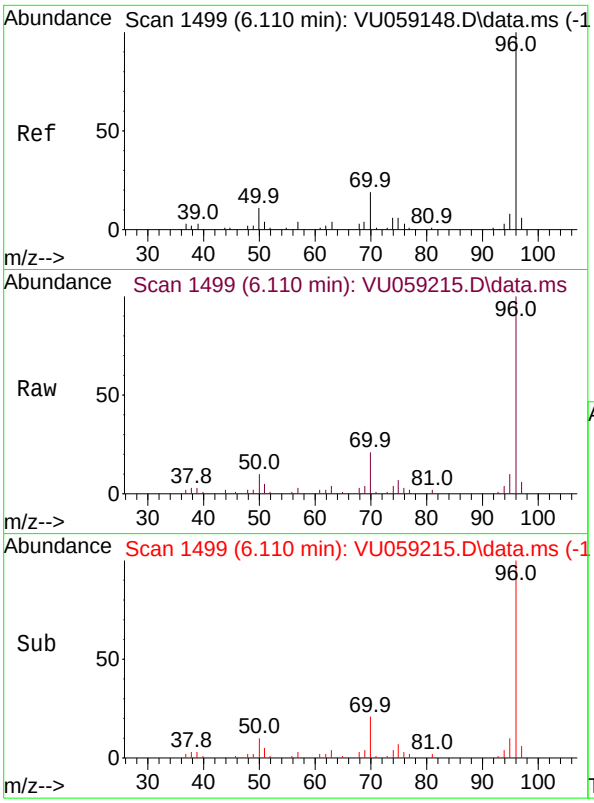


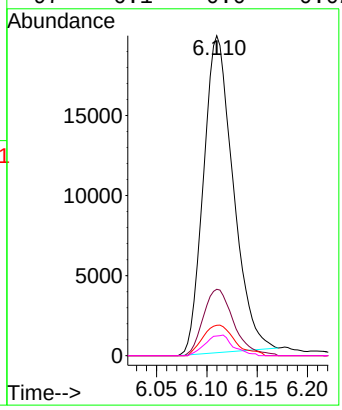


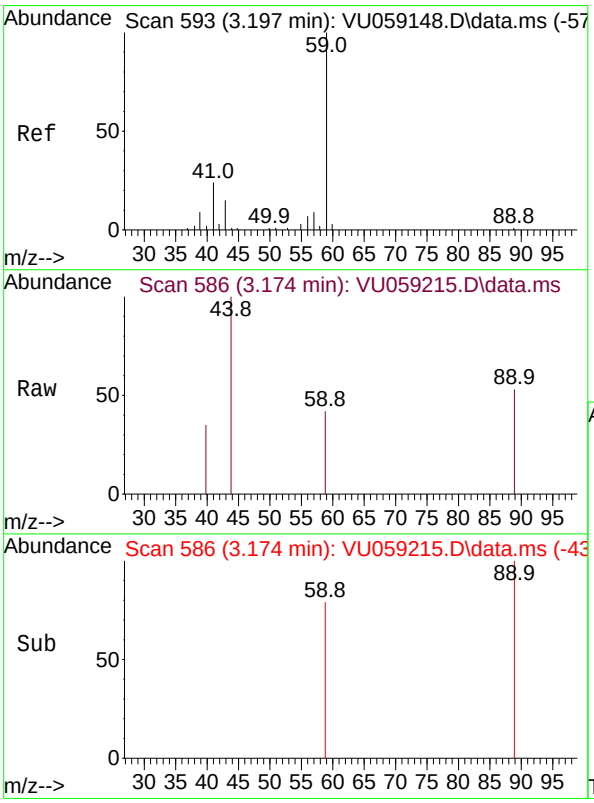
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 40582

Ion	Ratio	Lower	Upper
96	100		
70	21.5	16.6	24.8
95	10.3	7.1	10.7
97	6.1	0.0	0.0#

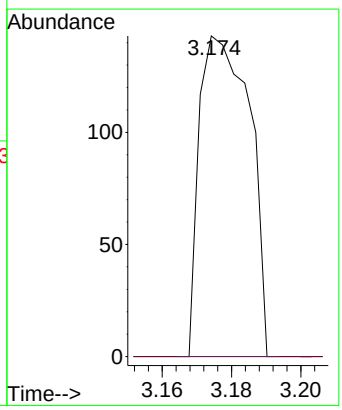


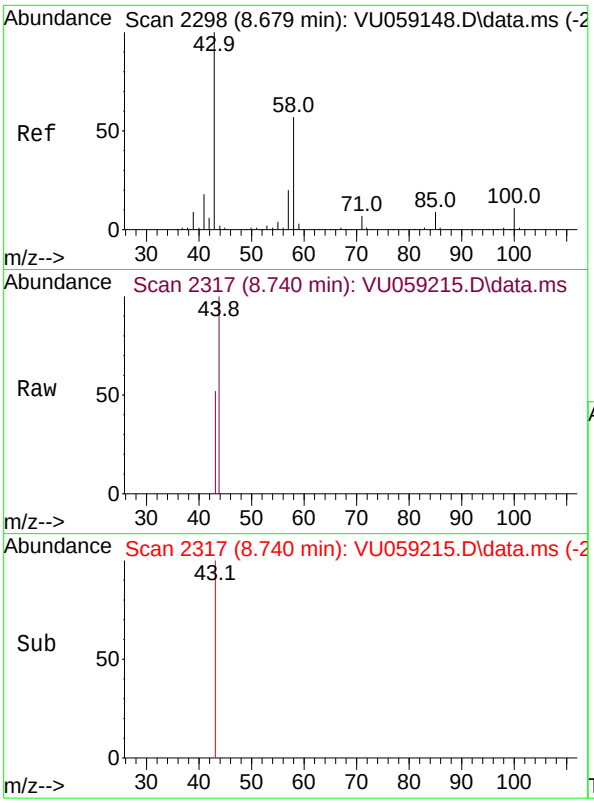


#24
tert-Butyl Alcohol
Concen: 0.245 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.023 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Tgt Ion: 59 Resp: 144

Ion	Ratio	Lower	Upper
59	100		
57	0.0	2.9	4.3#



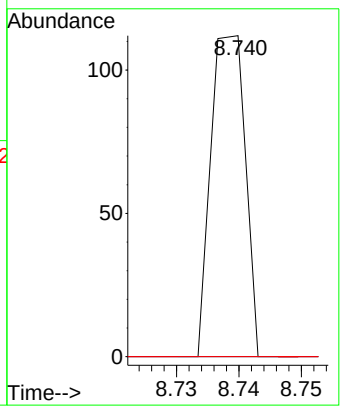


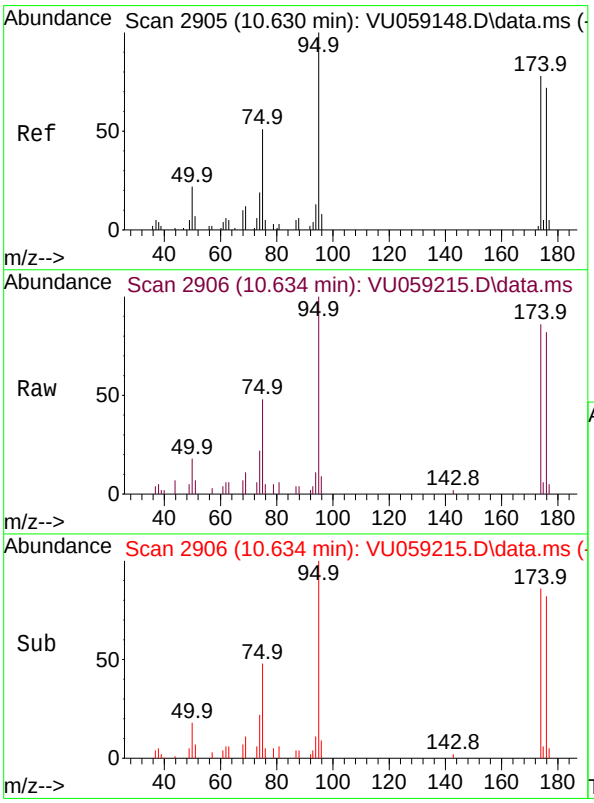
#54
2-Hexanone
Concen: 2.159 ug/l
RT: 8.740 min Scan# 2
Delta R.T. 0.061 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	78.6#
57	0.0	0.0	39.5

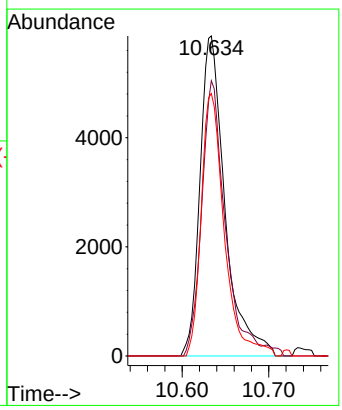


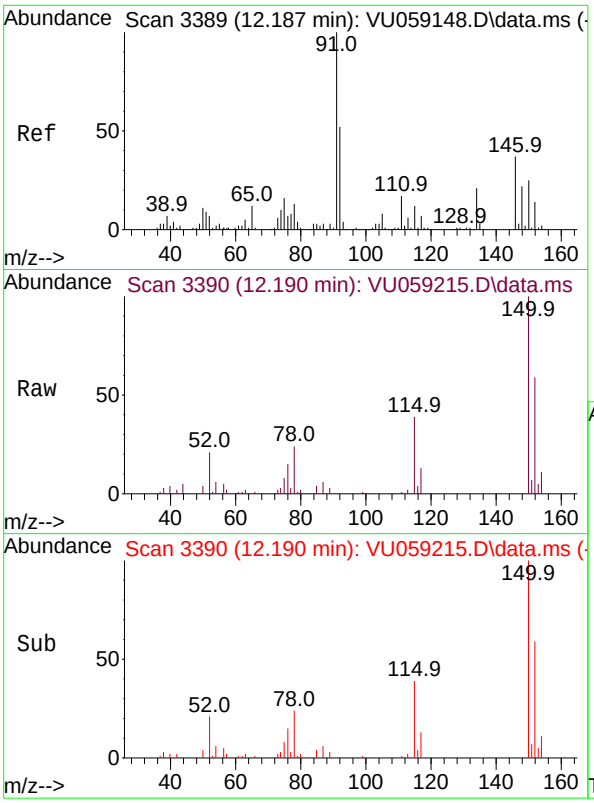


#57
4-Bromofluorobenzene
Concen: 0.852 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Tgt Ion: 95 Resp: 11768

Ion	Ratio	Lower	Upper
95	100		
174	80.5	59.6	89.4
176	75.7	57.3	85.9



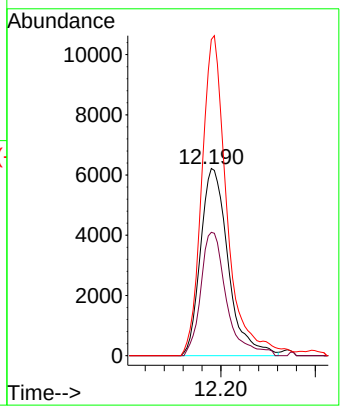


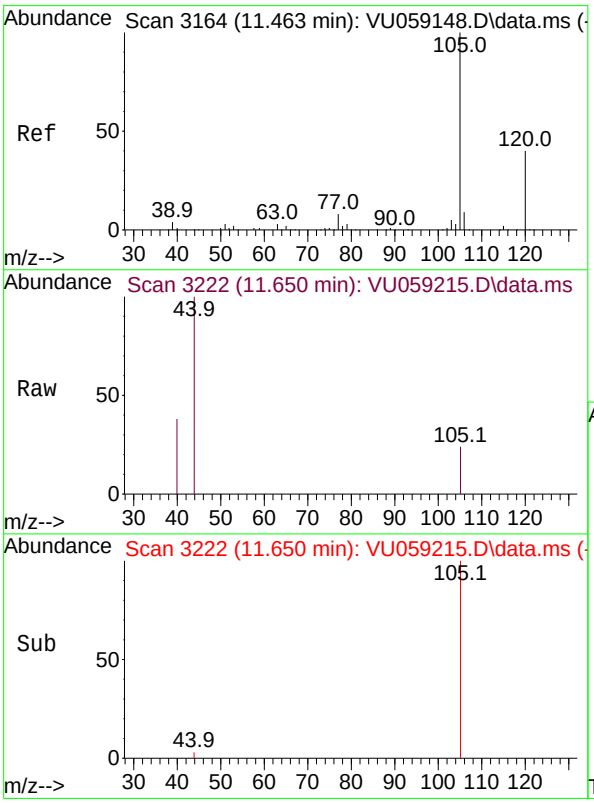
#68
1,2-Dichlorobenzene-d4
Concen: 0.876 ug/l
RT: 12.190 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 12656

Ion	Ratio	Lower	Upper
152	100		
115	61.1	0.0	293.2
150	155.8	0.0	636.0

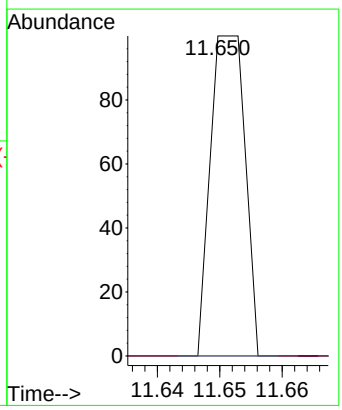


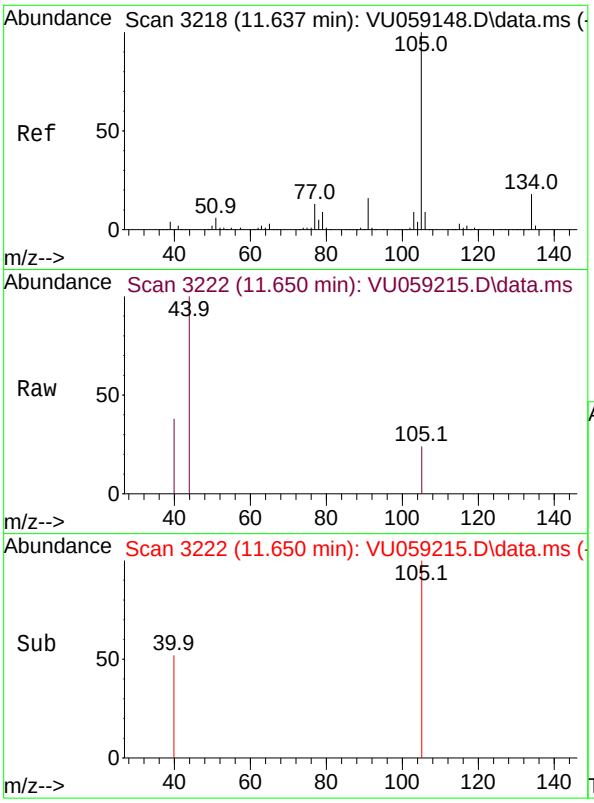


#78
1,2,4-Trimethylbenzene
Concen: 0.418 ug/l
RT: 11.650 min Scan# 3222
Delta R.T. 0.187 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Tgt Ion:105 Resp: 39

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.7	65.1#



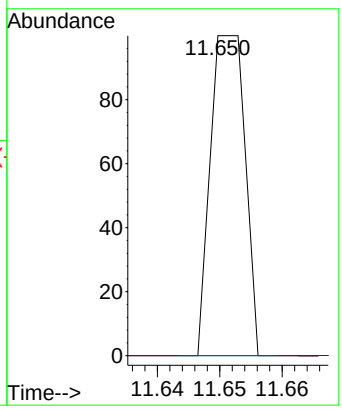


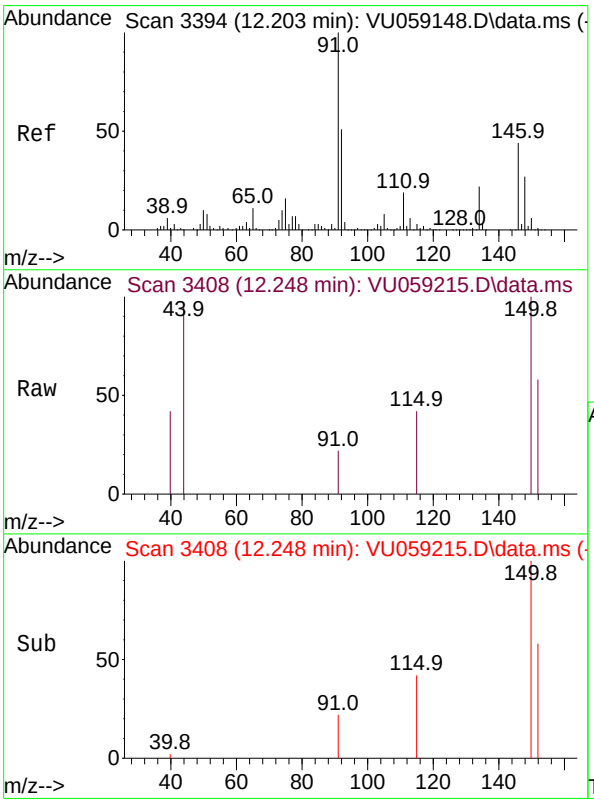
#79
sec-Butylbenzene
Concen: 0.366 ug/l
RT: 11.650 min Scan# 3
Delta R.T. 0.013 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 39

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.5	21.7#





#84
n-Butylbenzene
Concen: 0.472 ug/l
RT: 12.248 min Scan# 3408
Delta R.T. 0.045 min
Lab File: VU059215.D
Acq: 12 Jun 2024 10:52

Tgt Ion: 91 Resp: 20

Ion	Ratio	Lower	Upper
91	100		
92	0.0	40.7	61.1#
134	0.0	17.6	26.4#