Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
Data File : VU052787.D
Acq On : 24 Jan 2023 13:25
Operator : JC/MD
Sample : 01245-10DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 25 01:36:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.108	96	38029	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9425	0.745	ug/l	0.00
Spiked Amount 1.000			Recovery =	75.000%		
68) 1,2-Dichlorobenzene-d4	12.188	152	10435	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery =	80.000%		
Target Compounds						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	29908	3.184	ug/l	96
12) Acrylonitrile	3.356	53	1669	0.887	ug/l #	25
15) Methylene Chloride	3.044	84	7052	0.658	ug/l	94
18) 2-Butanone	4.494	43	19808	6.389	ug/l #	1
24) tert-Butyl Alcohol	3.272	59	686	0.908	ug/l #	22
25) Methyl tert-Butyl Ether	3.359	73	150008	7.369	ug/l	99
31) Isopropyl Ether	3.989	45	163218	6.811	ug/l	96
32) Ethyl-t-butyl ether	4.497	59	180786	8.080	ug/l	98
33) Tert-Amyl methyl ether	5.935	73	135133	6.830	ug/l	99
66) Styrene	10.118	104	20	0.421	ug/l #	26
73) n-propylbenzene	10.902	120	19267	1.731	ug/l	98
75) 1,3,5-Trimethylbenzene	10.902	105	3099	0.488	ug/l #	1
78) 1,2,4-Trimethylbenzene	11.468	105	149	0.458	ug/l #	50
79) sec-Butylbenzene	11.639	105	43	0.430	ug/l #	56
81) p-Isopropyltoluene	11.790	119	42	0.485	ug/l #	51
84) n-Butylbenzene	12.211	91	271	0.560	ug/l #	32

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

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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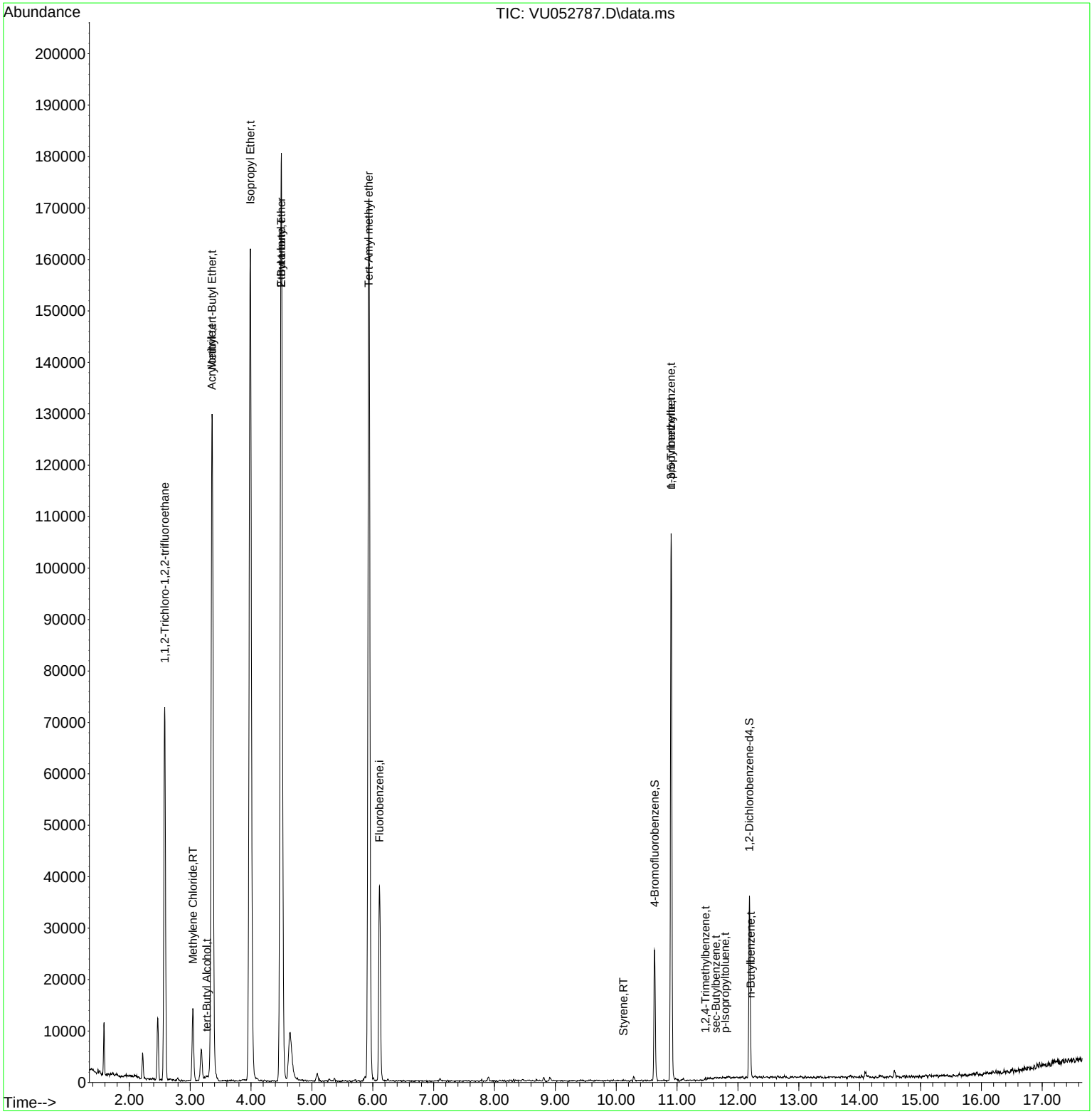
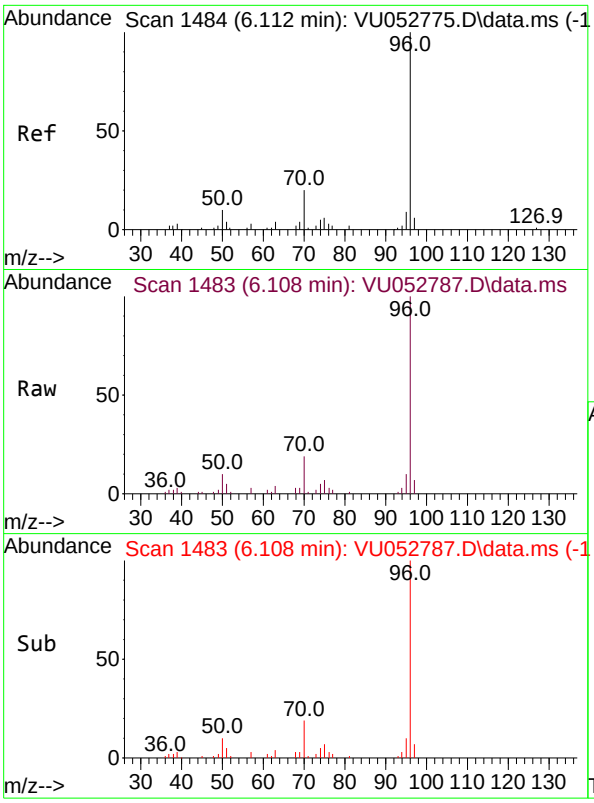


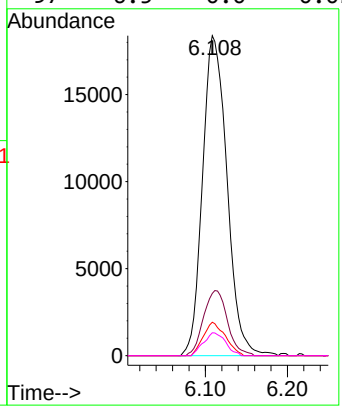


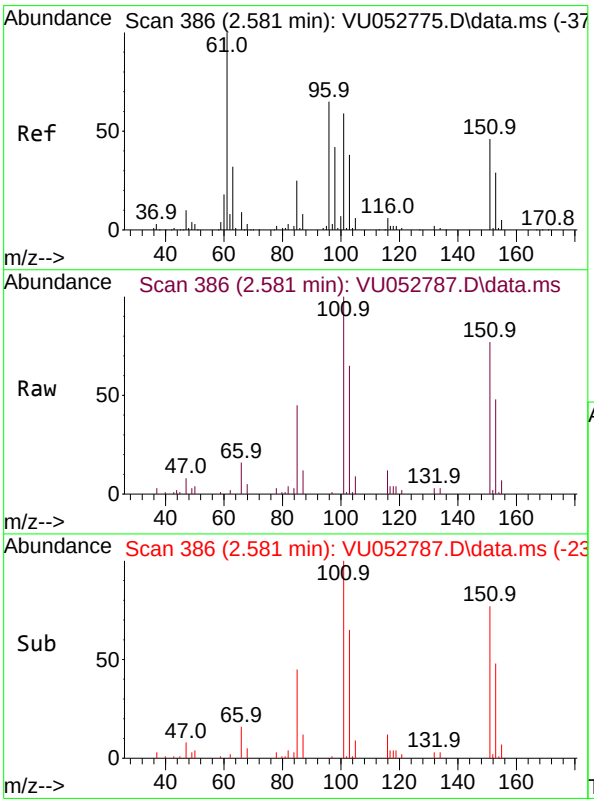
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 38029

Ion	Ratio	Lower	Upper
96	100		
70	19.9	16.2	24.4
95	9.5	7.4	11.0
97	6.5	0.0	0.0#

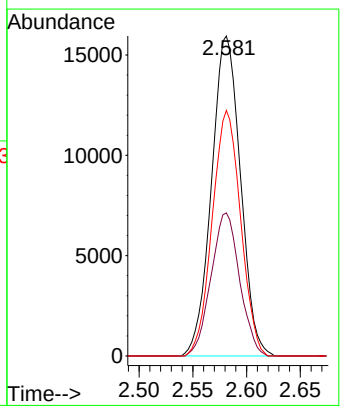


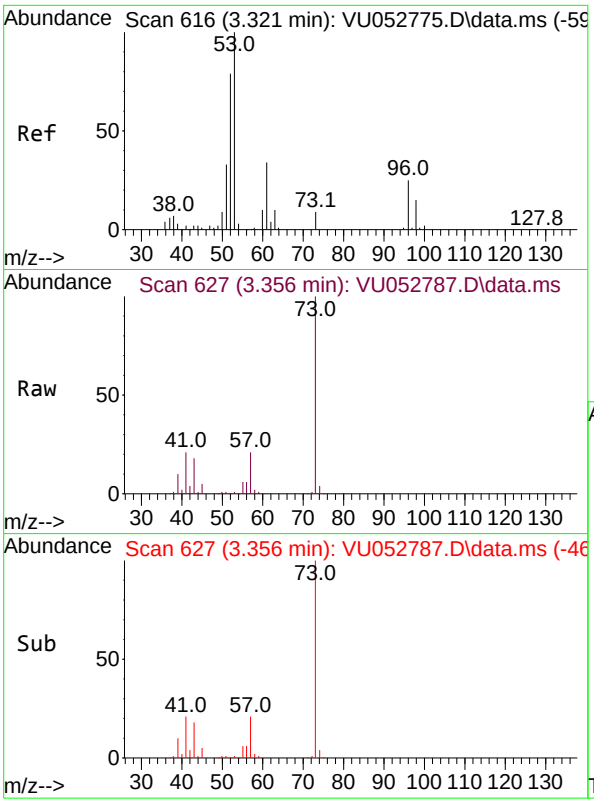


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.184 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion:101 Resp: 29908

Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.1	51.1
151	75.1	63.0	94.4



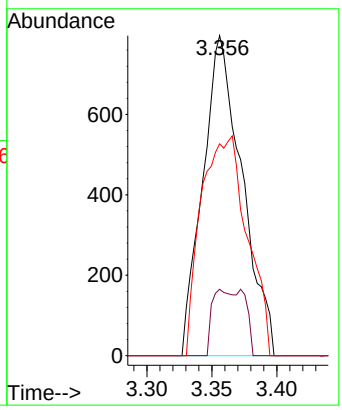


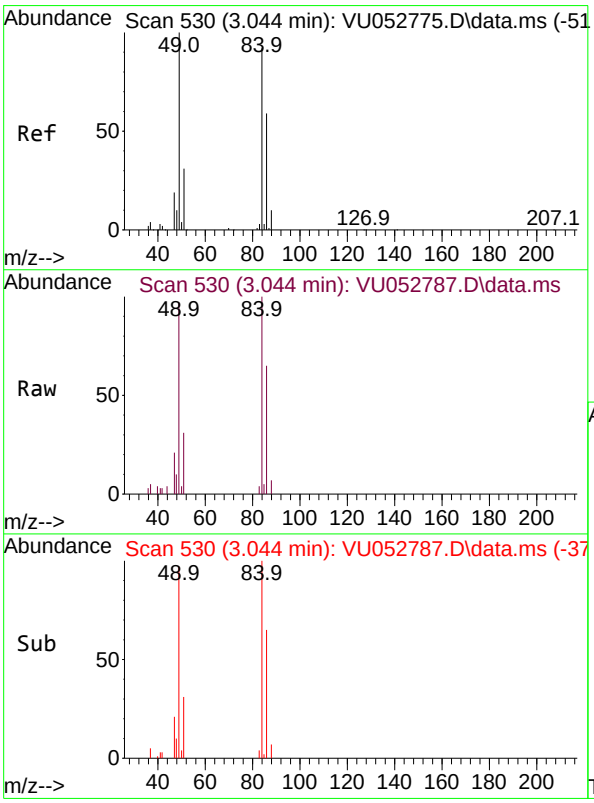
#12
Acrylonitrile
Concen: 0.887 ug/l
RT: 3.356 min Scan# 6
Delta R.T. 0.035 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 53 Resp: 1669

Ion	Ratio	Lower	Upper
53	100		
52	10.5	63.0	94.4#
51	80.5	31.3	46.9#

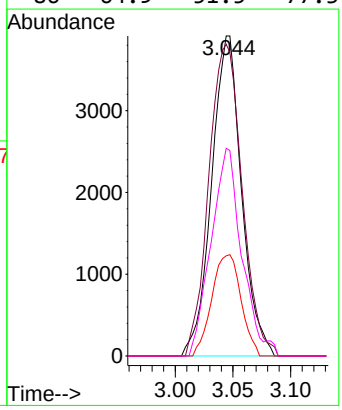


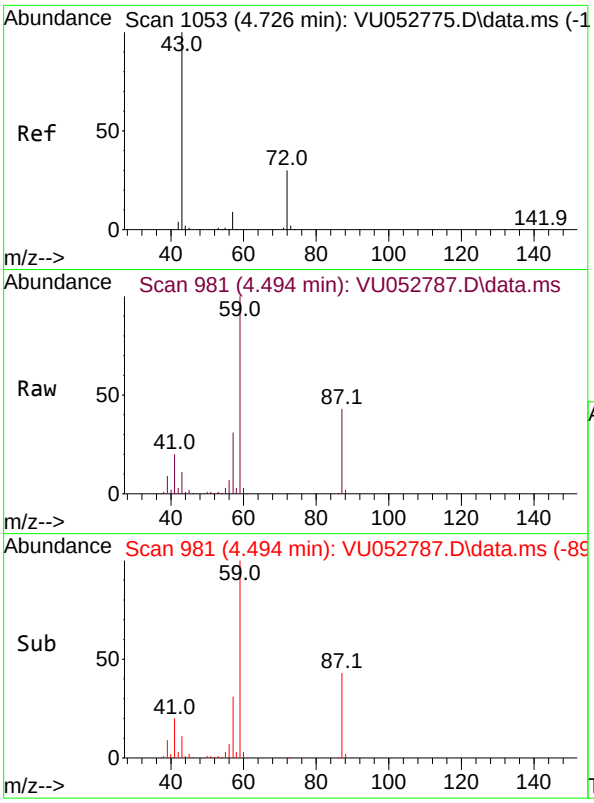


#15
Methylene Chloride
Concen: 0.658 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion: 84 Resp: 7052

Ion	Ratio	Lower	Upper
84	100		
49	97.4	86.7	130.1
51	31.3	0.0	66.8
86	64.9	51.5	77.3



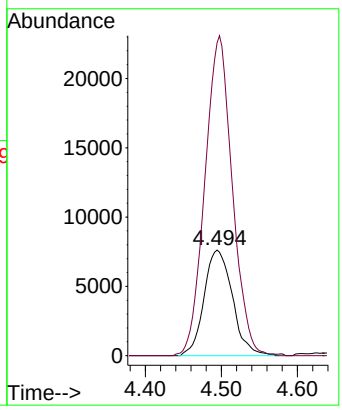


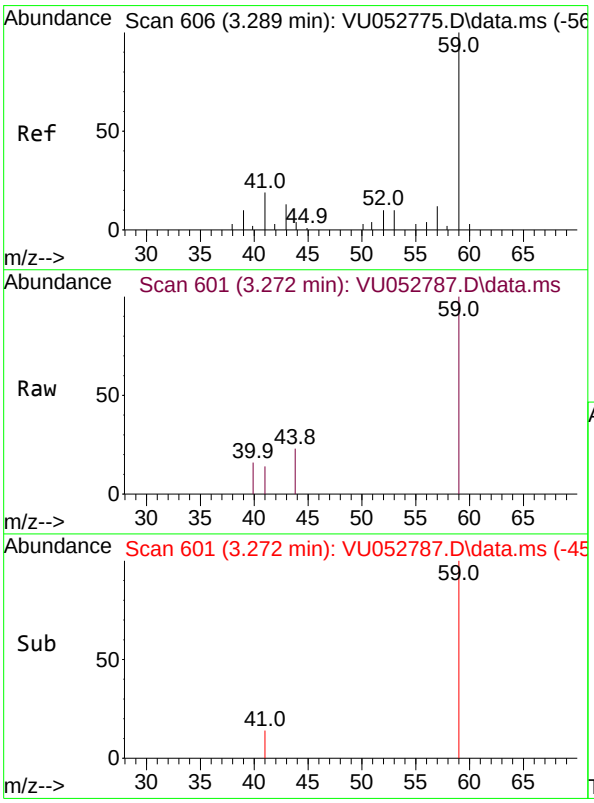
#18
2-Butanone
Concen: 6.389 ug/l
RT: 4.494 min Scan# 9
Delta R.T. -0.232 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 19808

Ion	Ratio	Lower	Upper
43	100		
57	296.3	0.0	17.4#

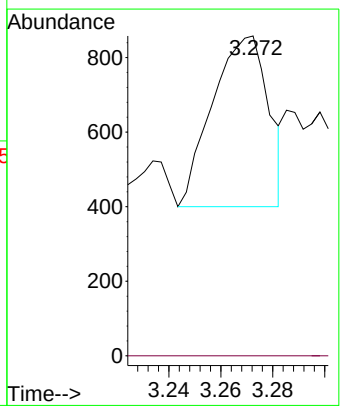


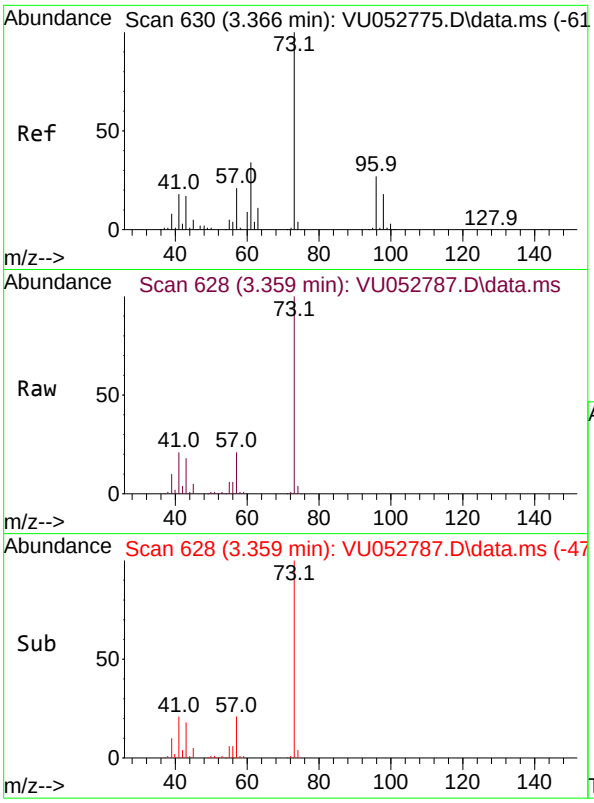


#24
tert-Butyl Alcohol
Concen: 0.908 ug/l
RT: 3.272 min Scan# 601
Delta R.T. -0.016 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion: 59 Resp: 686

Ion	Ratio	Lower	Upper
59	100		
57	0.0	45.8	68.8#



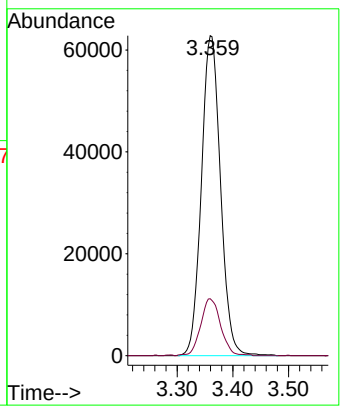


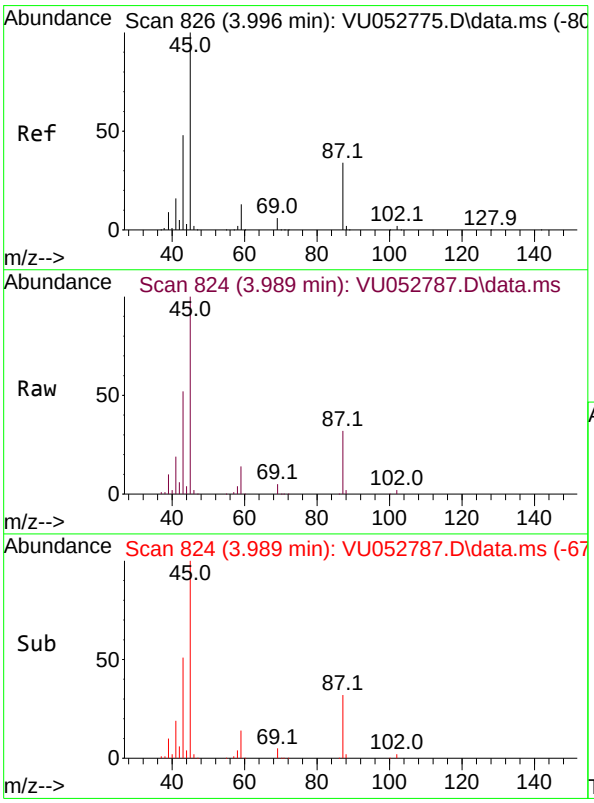
#25
Methyl tert-Butyl Ether
Concen: 7.369 ug/l
RT: 3.359 min Scan# 6
Delta R.T. -0.007 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 150008

Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.3	22.9

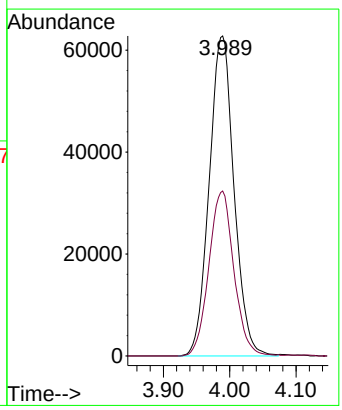


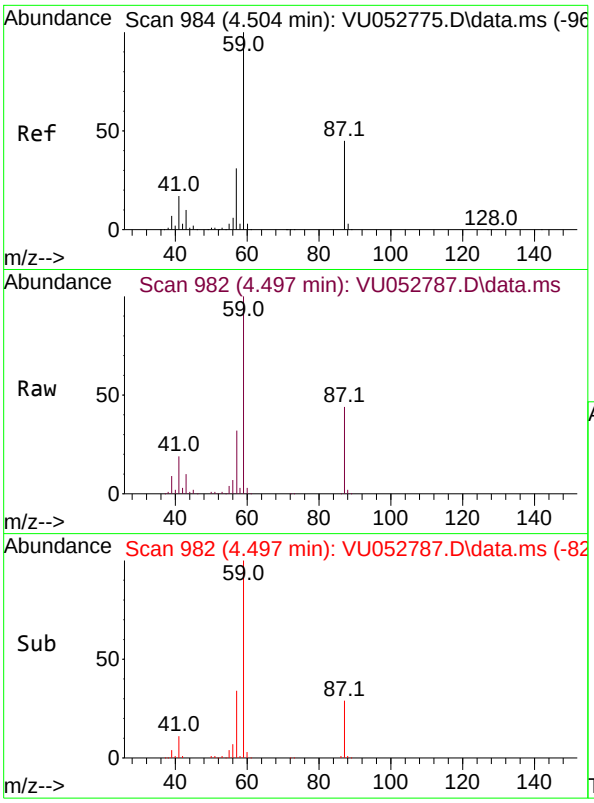


#31
Isopropyl Ether
Concen: 6.811 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.007 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion: 45 Resp: 163218

Ion	Ratio	Lower	Upper
45	100		
43	52.0	24.5	73.5



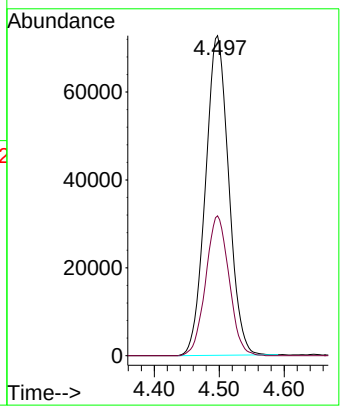


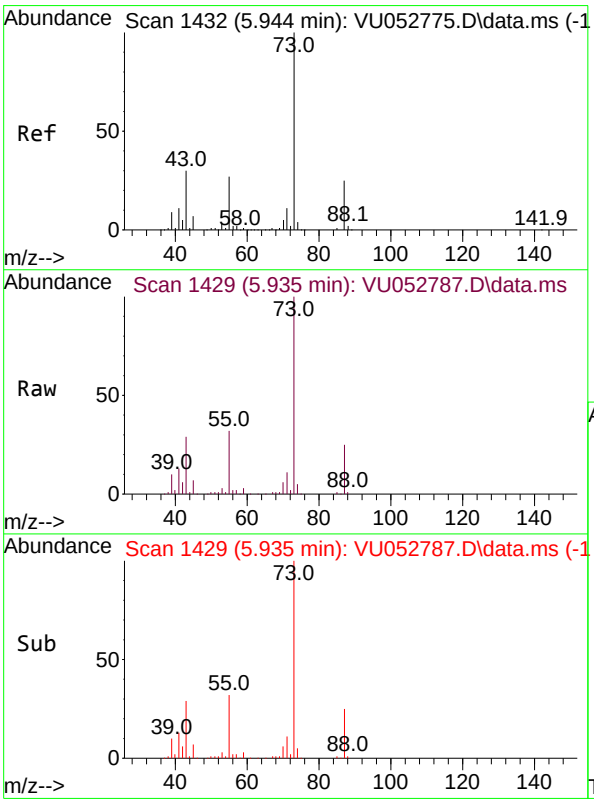
#32
Ethyl-t-butyl ether
Concen: 8.080 ug/l
RT: 4.497 min Scan# 9
Delta R.T. -0.007 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 180786

Ion	Ratio	Lower	Upper
59	100		
87	44.0	36.2	54.2

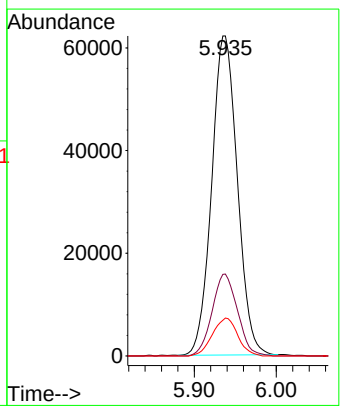


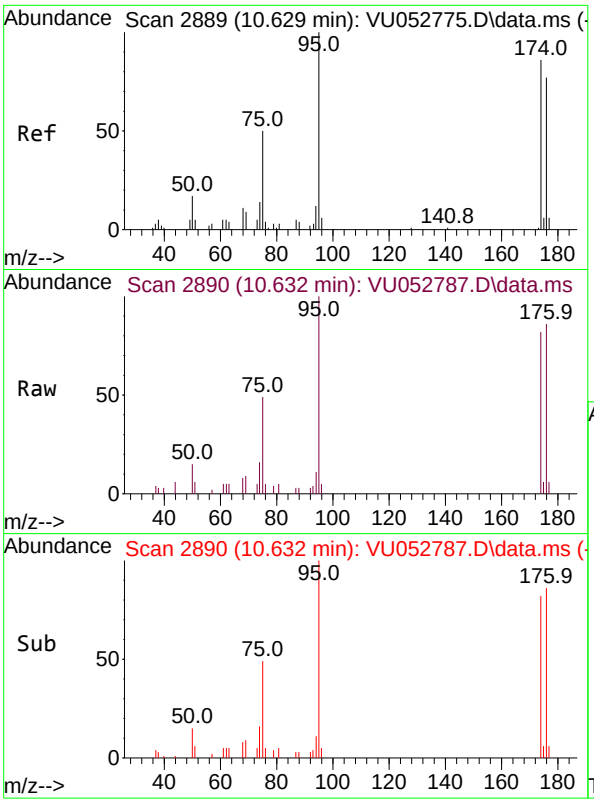


#33
Tert-Amyl methyl ether
Concen: 6.830 ug/l
RT: 5.935 min Scan# 1429
Delta R.T. -0.010 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion: 73 Resp: 135133

Ion	Ratio	Lower	Upper
73	100		
87	25.4	20.1	30.1
71	11.8	9.2	13.8



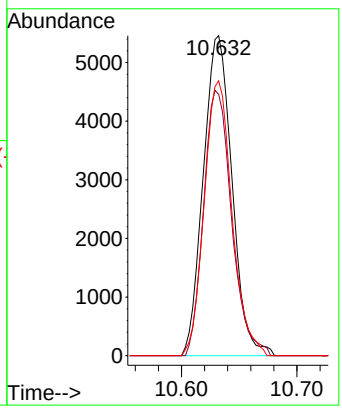


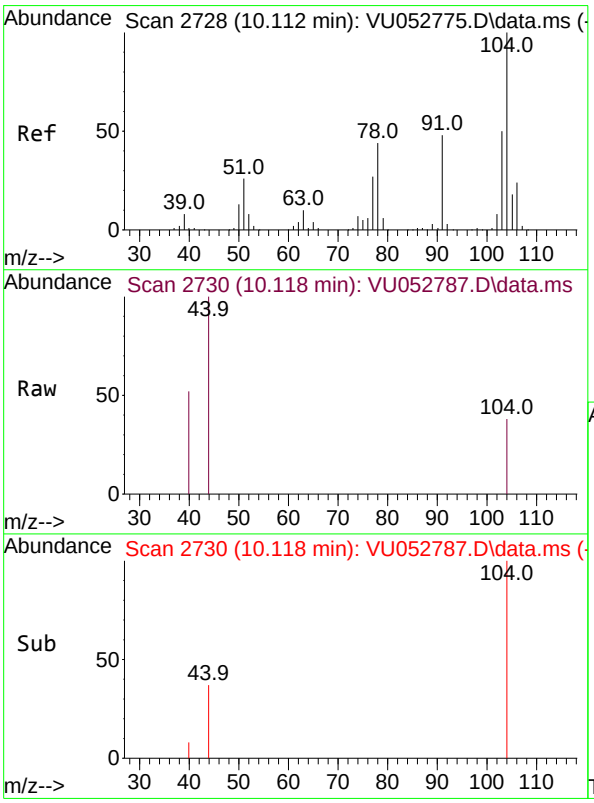
#57
4-Bromofluorobenzene
Concen: 0.745 ug/l
RT: 10.632 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 9425

Ion	Ratio	Lower	Upper
95	100		
174	80.9	66.9	100.3
176	82.9	61.9	92.9

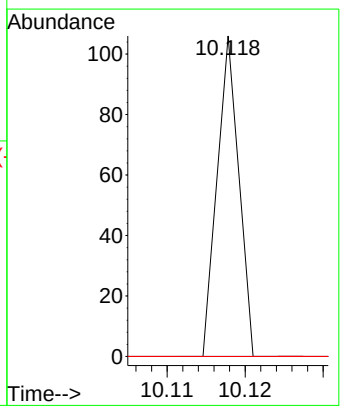


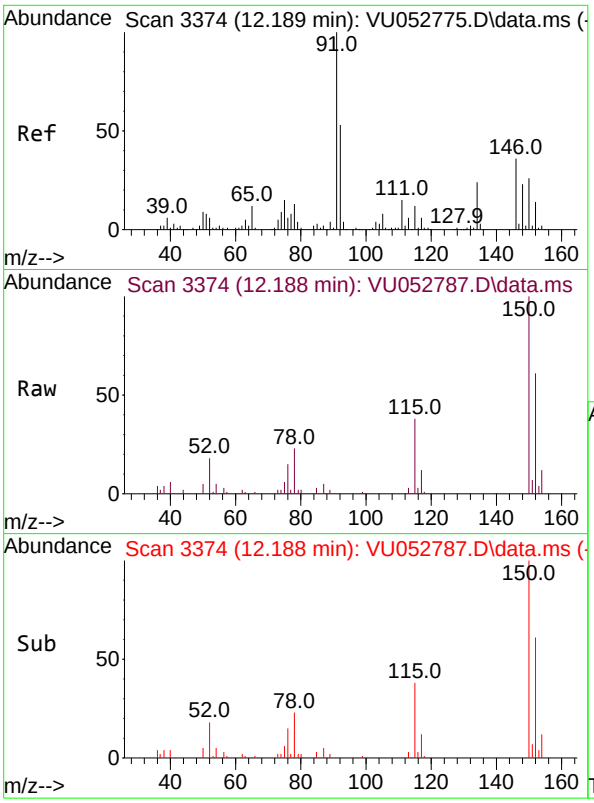


#66
Styrene
Concen: 0.421 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.006 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion:104 Resp: 20

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.6	59.4#
103	0.0	42.9	64.3#



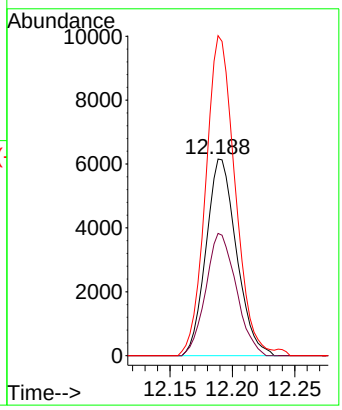


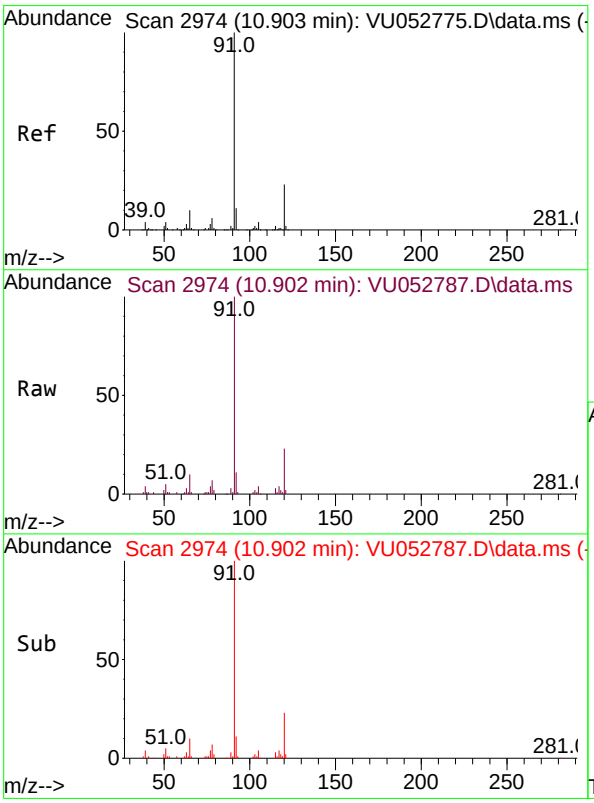
#68
1,2-Dichlorobenzene-d4
Concen: 0.802 ug/l
RT: 12.188 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 10435

Ion	Ratio	Lower	Upper
152	100		
115	62.2	0.0	262.6
150	157.2	0.0	638.0

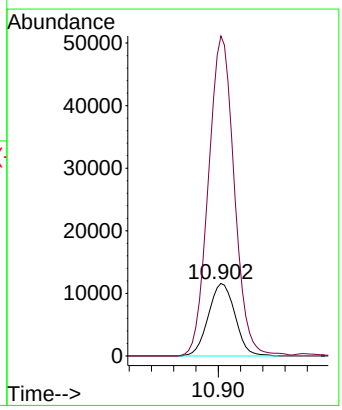


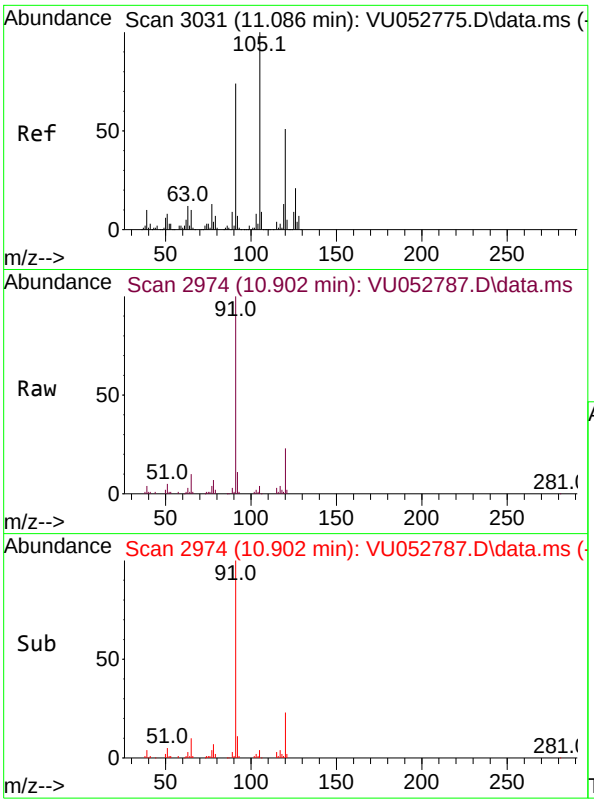


#73
n-propylbenzene
Concen: 1.731 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion:120 Resp: 19267

Ion	Ratio	Lower	Upper
120	100		
91	428.8	348.0	522.0



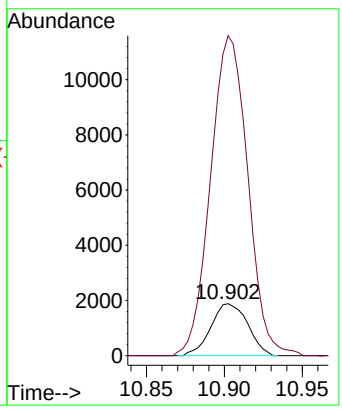


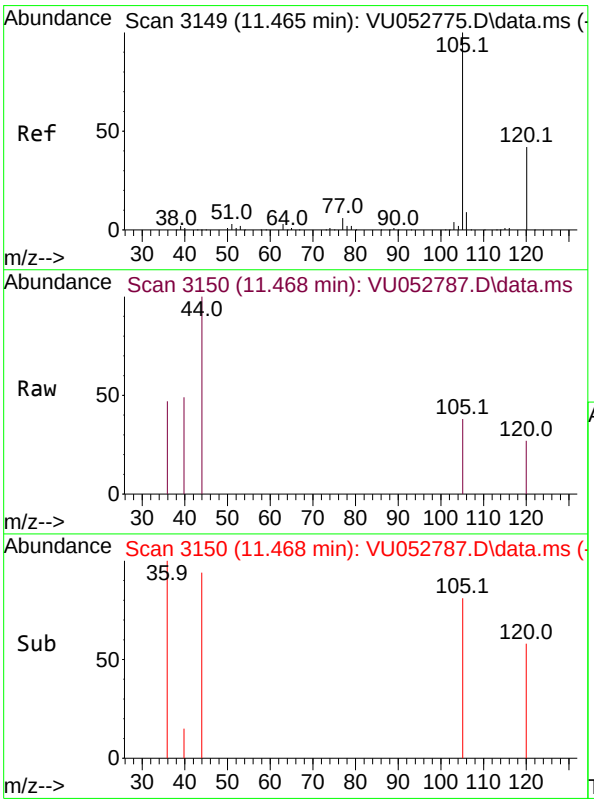
#75
1,3,5-Trimethylbenzene
Concen: 0.488 ug/l
RT: 10.902 min Scan# 2
Delta R.T. -0.184 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 3099

Ion	Ratio	Lower	Upper
105	100		
120	621.7	39.9	59.9#

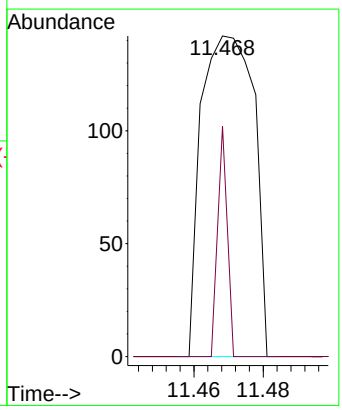


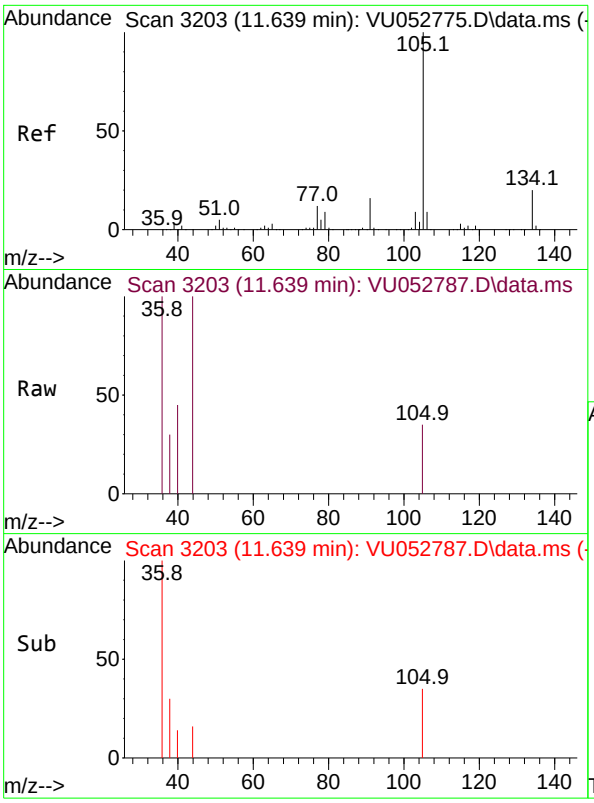


#78
1,2,4-Trimethylbenzene
Concen: 0.458 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion:105 Resp: 149

Ion	Ratio	Lower	Upper
105	100		
120	13.4	23.4	70.3#



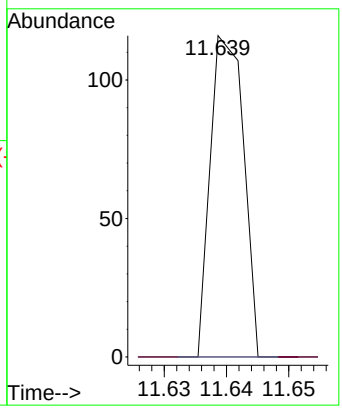


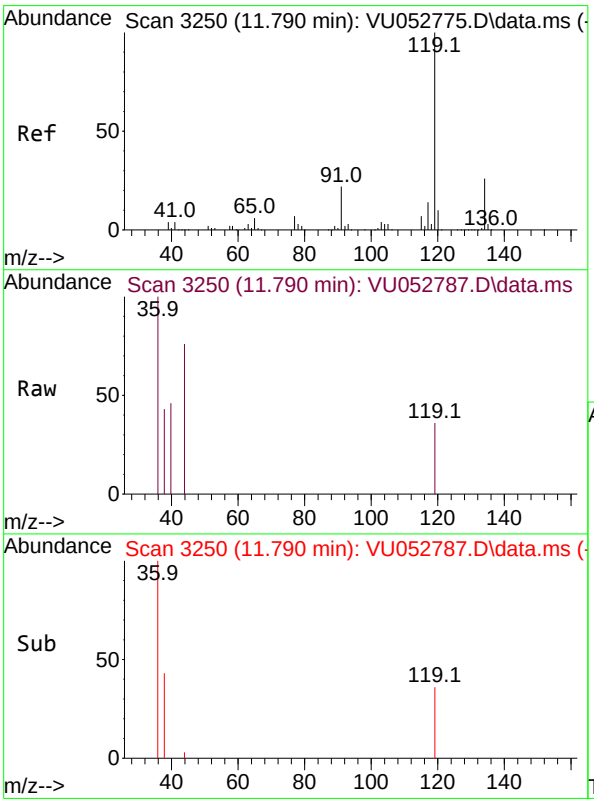
#79
sec-Butylbenzene
Concen: 0.430 ug/l
RT: 11.639 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 43

Ion	Ratio	Lower	Upper
105	100		
134	0.0	16.5	24.7#

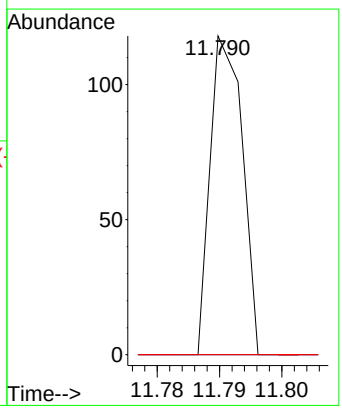


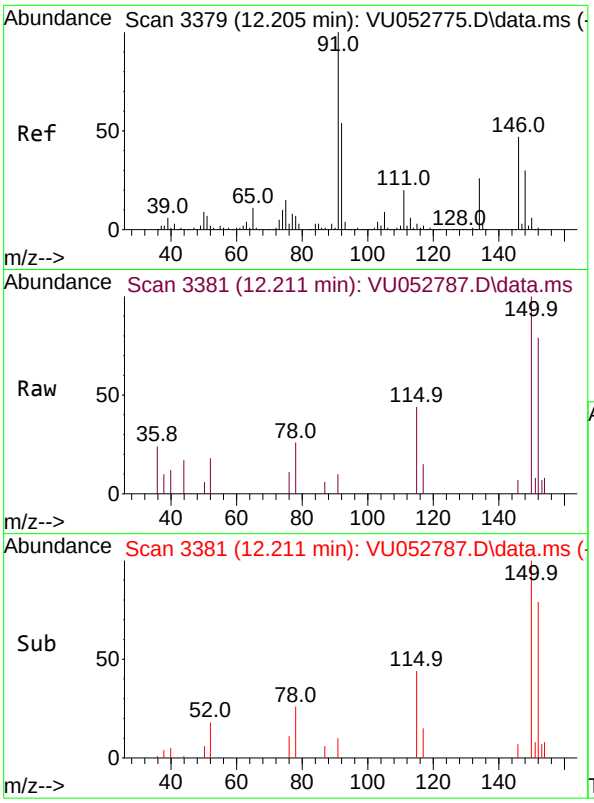


#81
p-Isopropyltoluene
Concen: 0.485 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Tgt Ion:119 Resp: 42

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#
91	0.0	17.6	26.4#





#84
n-Butylbenzene
Concen: 0.560 ug/l
RT: 12.211 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU052787.D
Acq: 24 Jan 2023 13:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 271

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.0#
134	0.0	21.2	31.8#