Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022519\
Data File : VU029650.D
Acq On : 25 Feb 2019 11:35
Operator : JC/SP
Sample : K1581-19DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB629DL

Manual Integrations APPROVED
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Quant Time: Feb 26 00:39:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	239680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153600	42.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.72%			
7) Chloroethane-d5	1.68	69	136507	42.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.70%			
11) 1,1-Dichloroethene-d2	2.27	63	213605	30.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.00%			
21) 2-Butanone-d5	4.17	46	218537	100.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.21%			
24) Chloroform-d	4.65	84	271193	46.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.32%			
26) 1,2-Dichloroethane-d4	5.31	65	175060	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
32) Benzene-d6	5.34	84	602608	50.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.50%			
36) 1,2-Dichloropropane-d6	6.33	67	183239	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.58%			
41) Toluene-d8	7.56	98	574761	47.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.86%			
43) trans-1,3-Dichloropropene-	7.85	79	85683	45.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.42%			
47) 2-Hexanone-d5	8.31	63	167625	84.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.25%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272506	45.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	244844	47.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	16813	7.215	ug/L	90
22) 2-Butanone	4.29	43	3994m	1.502	ug/L	
29) Cyclohexane	4.99	56	44425	9.512	ug/L	97
33) Benzene	5.39	78	874154	72.246	ug/L	100
35) Methylcyclohexane	6.41	83	33495	6.188	ug/L #	87
42) Toluene	7.64	91	68557	4.791	ug/L	98
52) Ethylbenzene	9.25	91	90284	5.556	ug/L	99
53) m,p-Xylene	9.37	106	48917	7.499	ug/L	97
56) Isopropylbenzene	10.16	105	27497	1.604	ug/L	99

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

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Instrument :
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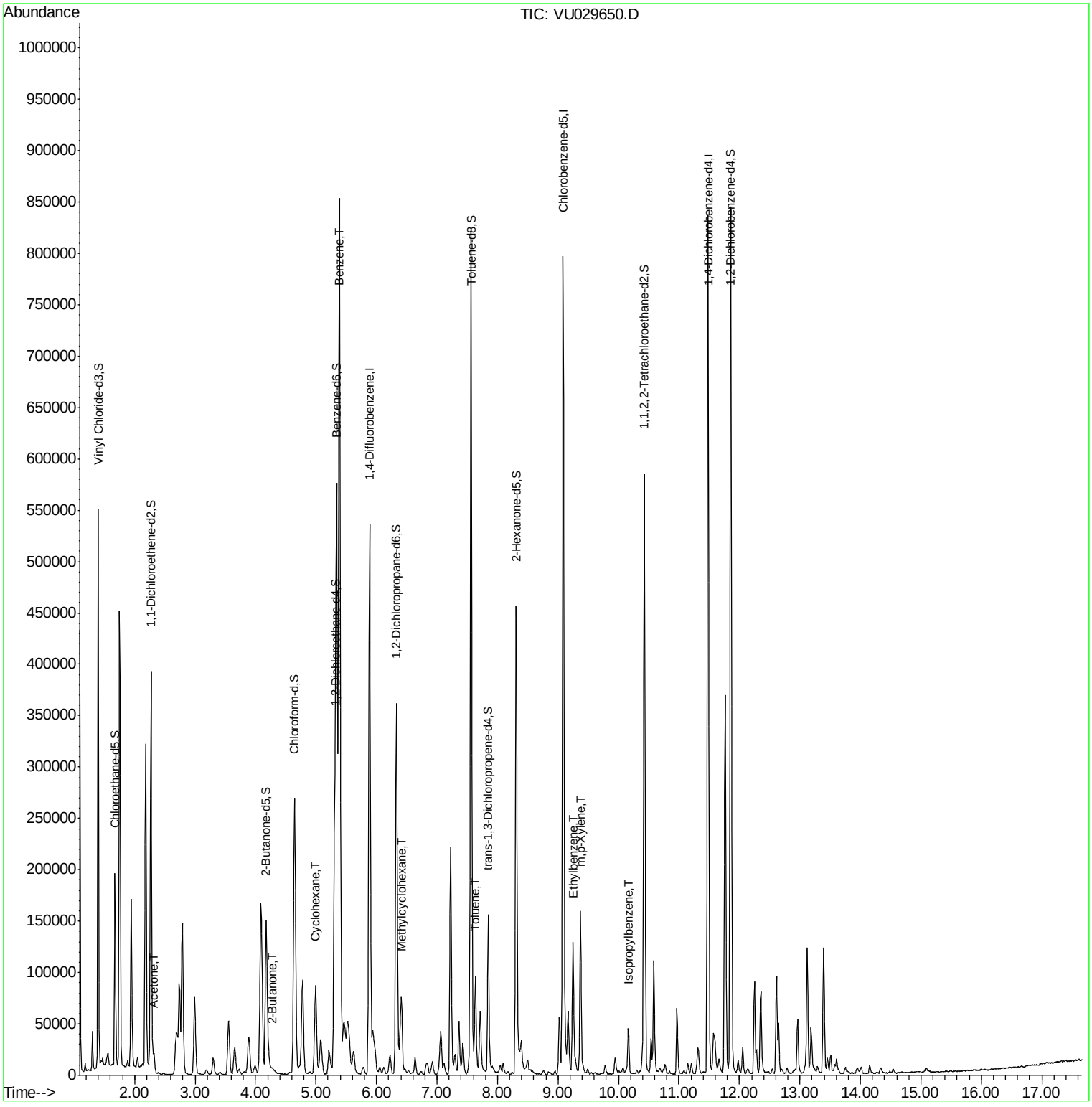
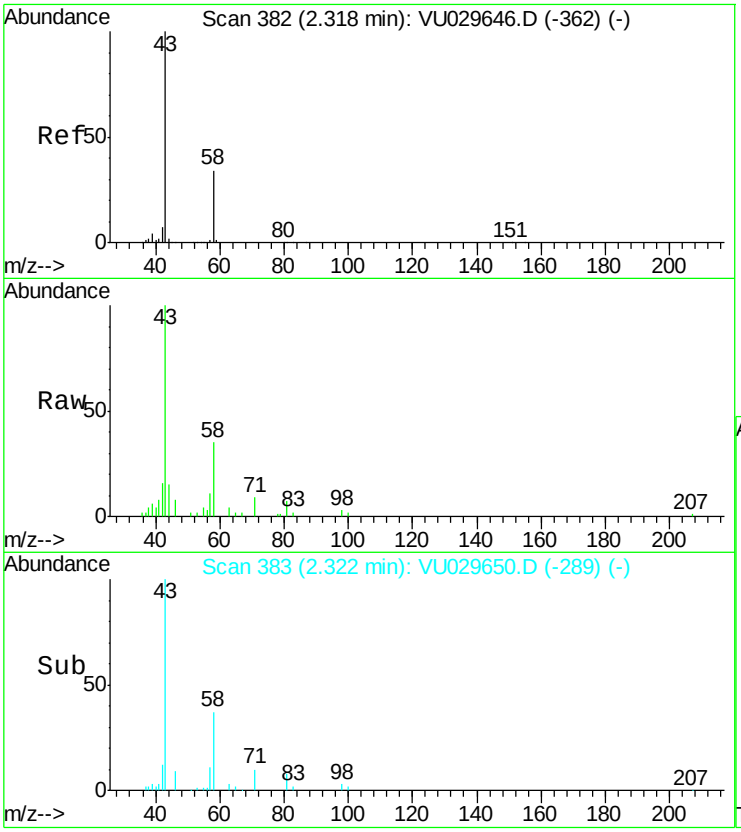
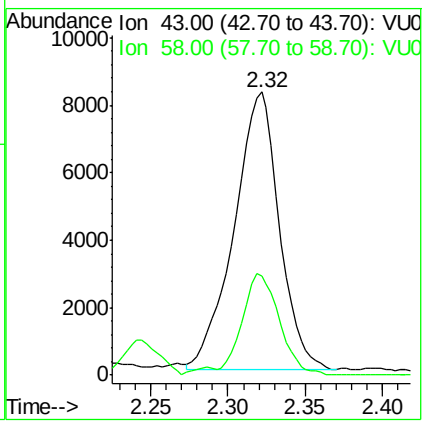




#13
Acetone
Concen: 7.215 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 43 Resp: 16813

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	66.8



Instrument :
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DB629DL

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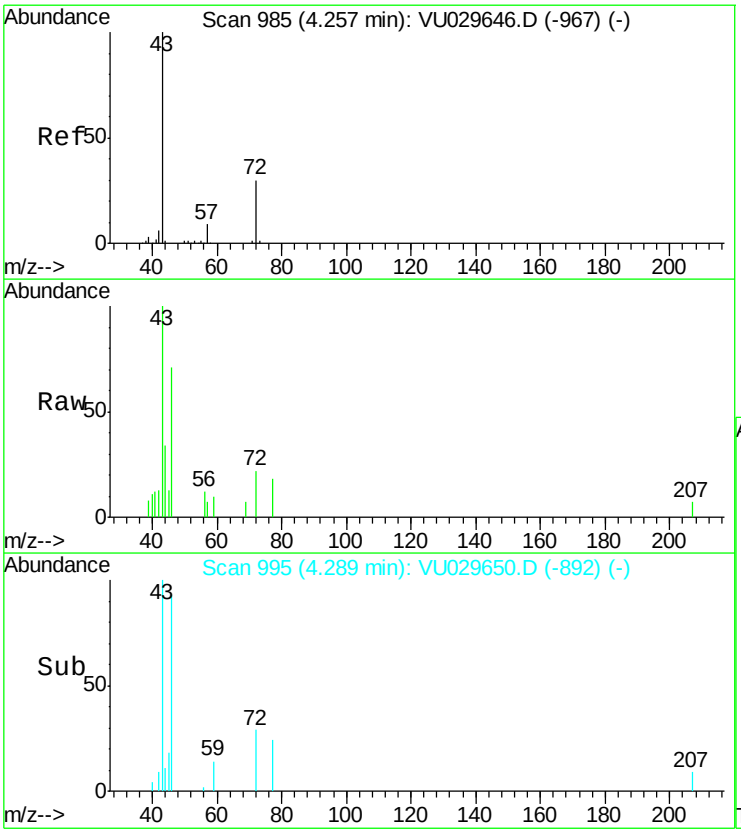
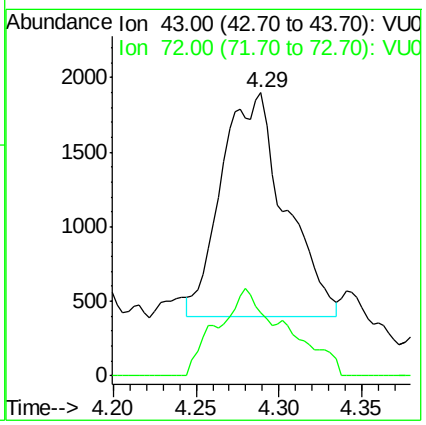
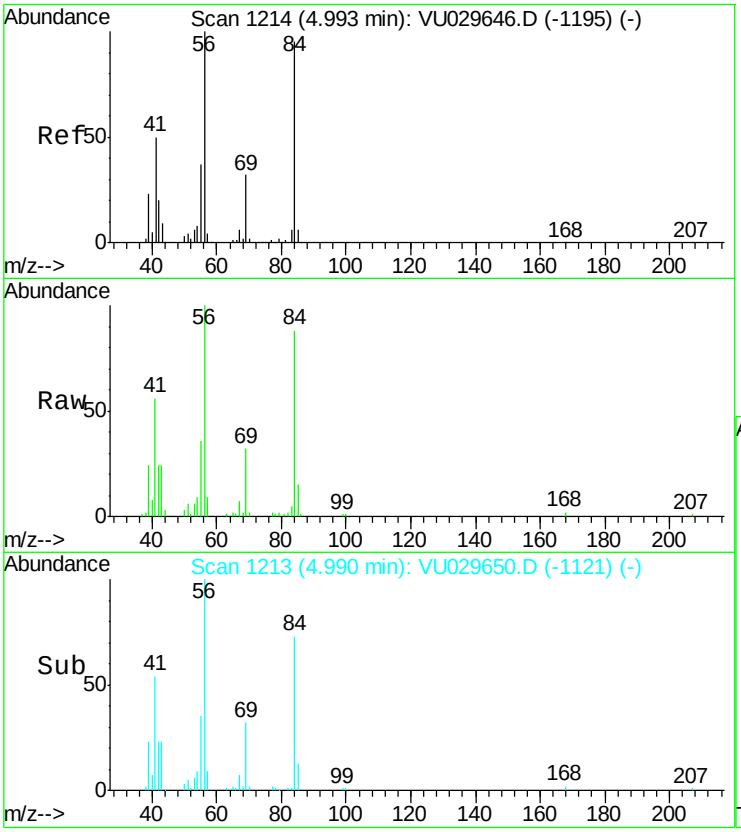


#22
2-Butanone
Concen: 1.502 ug/L m
RT: 4.29 min Scan# 995
Delta R.T. 0.03 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 43 Resp: 3994

Ion	Ratio	Lower	Upper
43	100		
72	10.8	15.2	45.6#

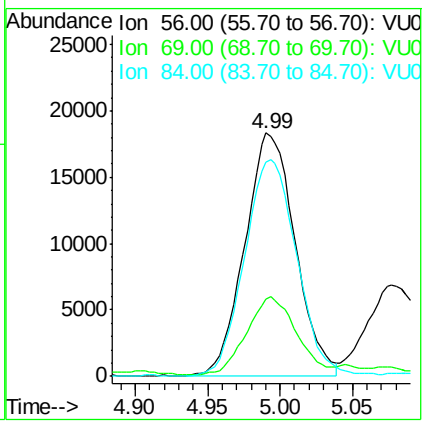




#29
Cyclohexane
Concen: 9.512 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 56 Resp: 44425

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.7	38.5
84	92.4	77.1	115.7



Instrument :
MSVOA_U
ClientSampleId :
DB629DL

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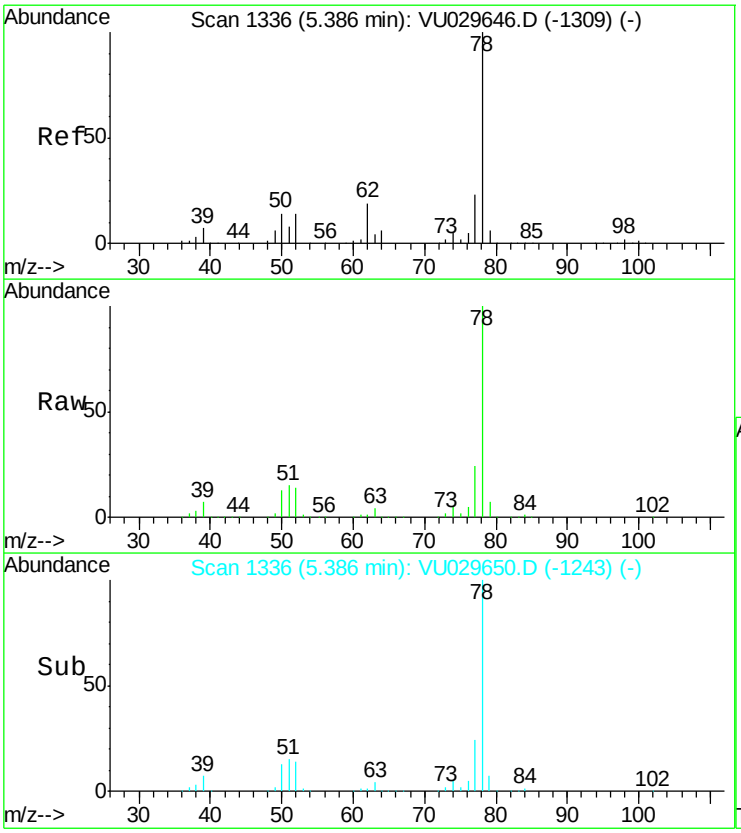
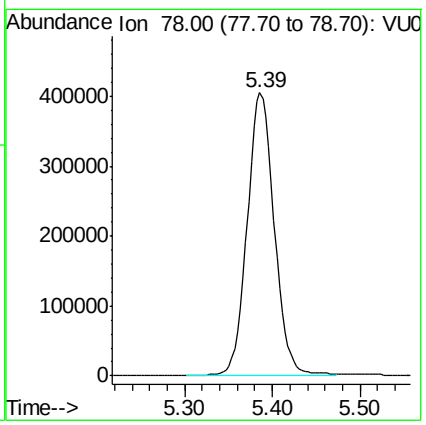
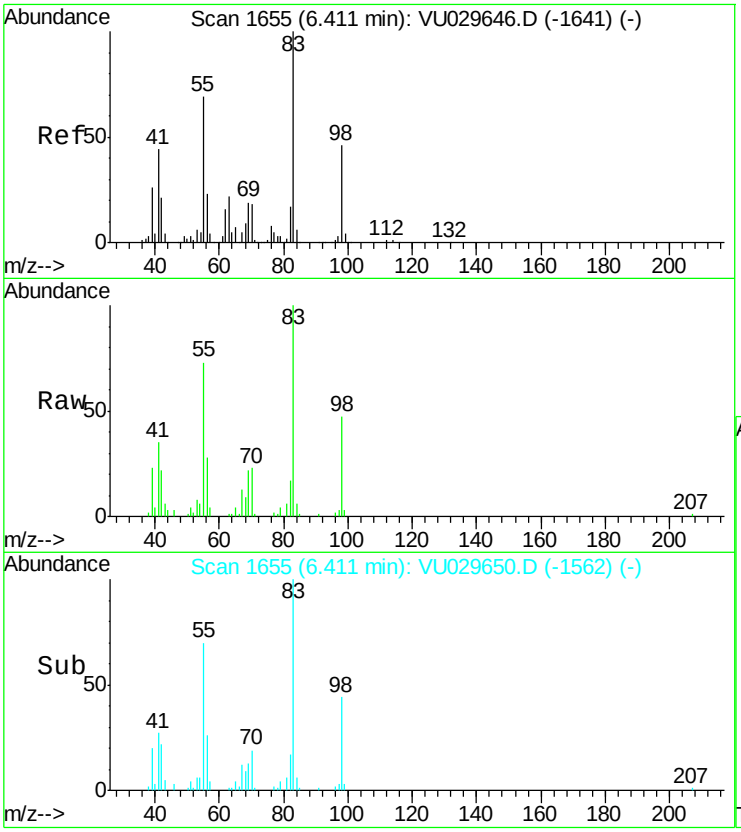


#33
Benzene
Concen: 72.246 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 78 Resp: 874154

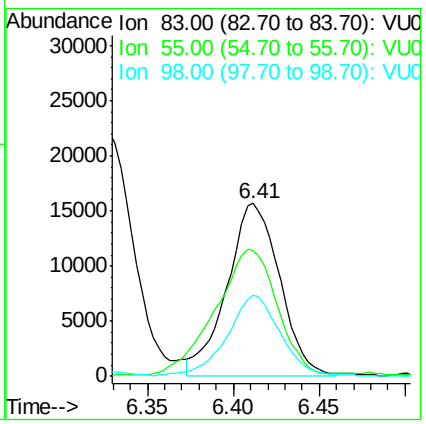




#35
Methylcyclohexane
Concen: 6.188 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 83 Resp: 33495

Ion	Ratio	Lower	Upper
83	100		
55	85.2	55.2	82.8#
98	47.0	39.4	59.2



Instrument :
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ClientSampleId :
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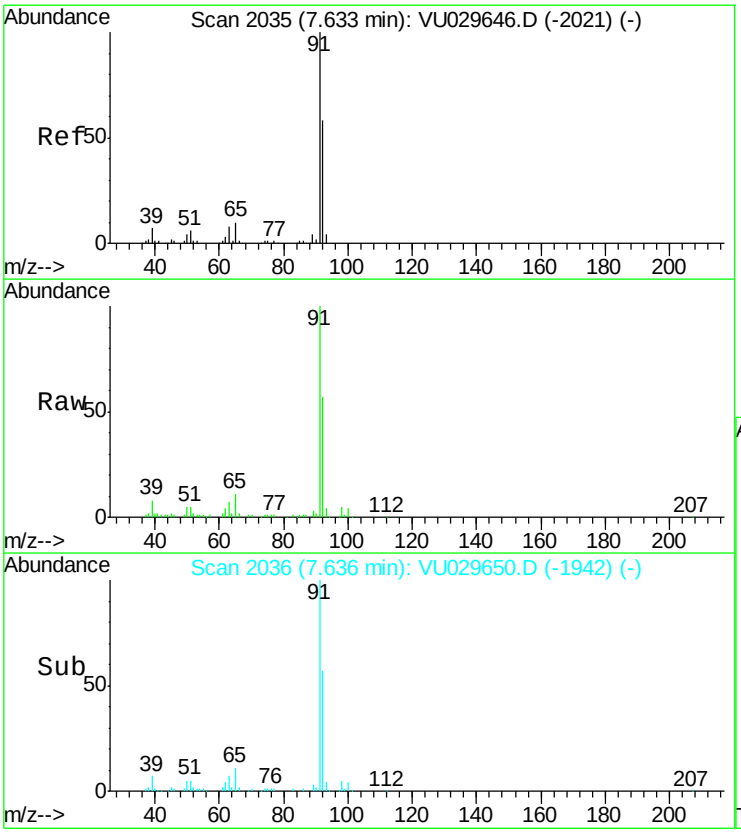
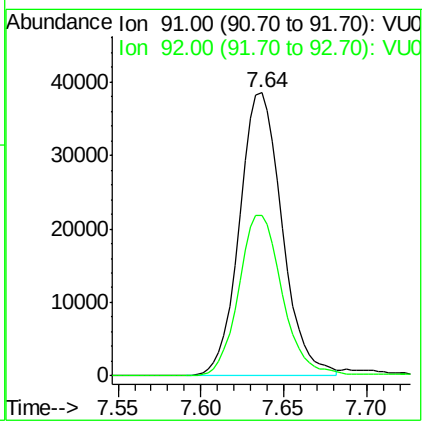
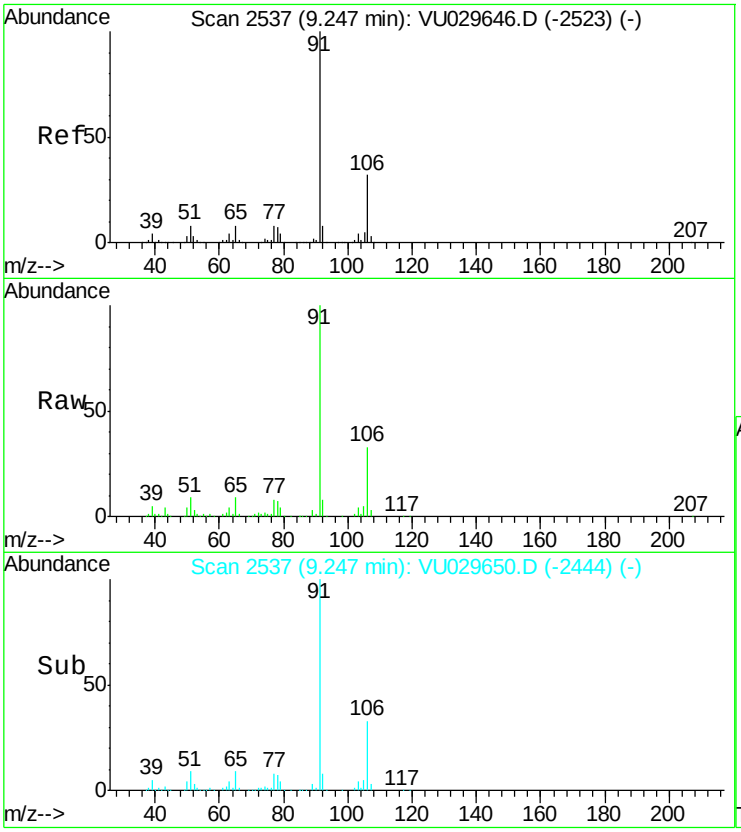


#42
Toluene
Concen: 4.791 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 91 Resp: 68557

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.8	75.8

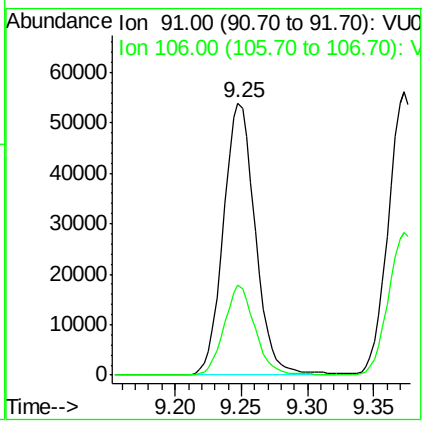




#52
Ethylbenzene
Concen: 5.556 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion: 91 Resp: 90284

Ion	Ratio	Lower	Upper
91	100		
106	32.9	22.7	42.1



Instrument :
MSVOA_U
ClientSampleId :
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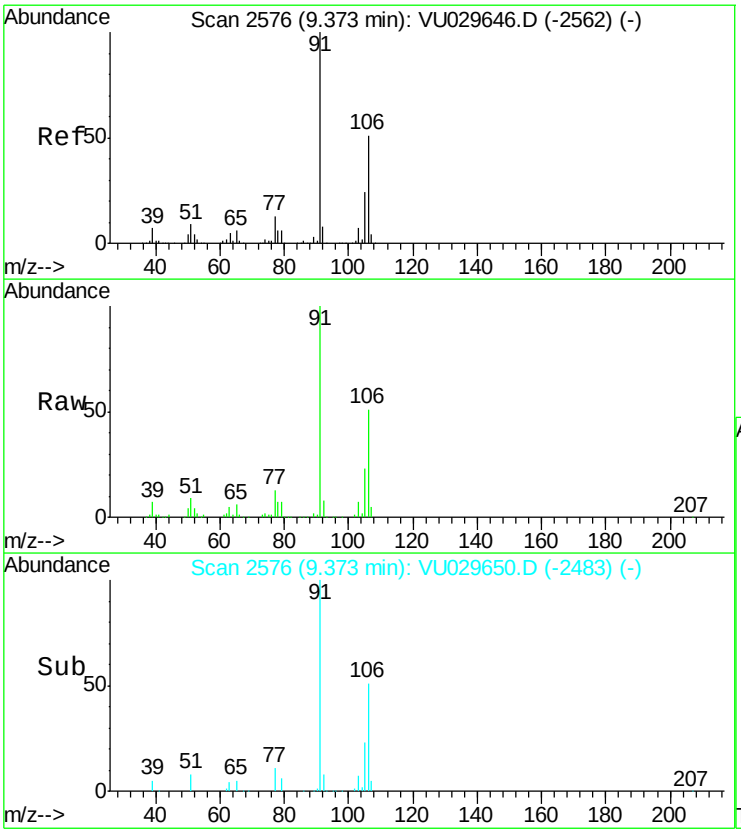
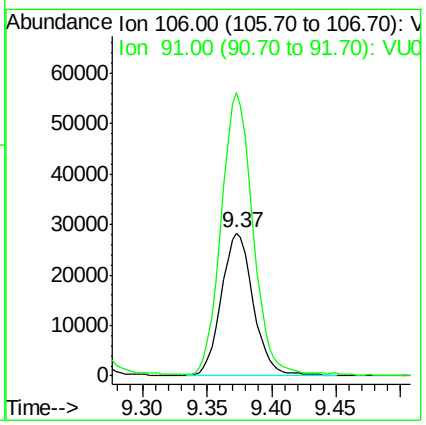
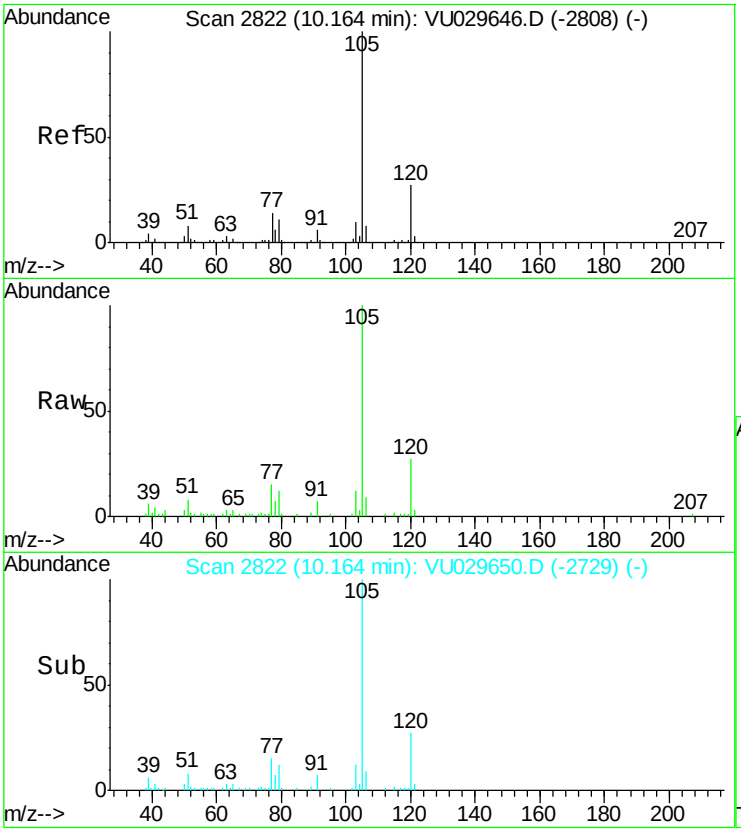


#53
m,p-Xylene
Concen: 7.499 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion:106 Resp: 48917

Ion	Ratio	Lower	Upper
106	100		
91	198.0	135.3	251.3

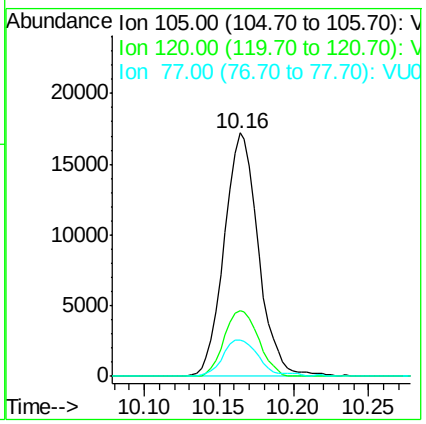




#56
Isopropylbenzene
Concen: 1.604 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU029650.D
Acq: 25 Feb 2019 11:35

Tgt Ion:105 Resp: 27497

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.9	32.9
77	15.4	11.7	17.5



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