Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (Not Reviewed)

Data File : VU035437.D
Acq On : 24 Oct 2019 05:09
Operator : JC/SP
Sample : K5488-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G28

Quant Time: Oct 24 07:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	209139	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	213309	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73318	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	49642	3.89	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%				
7) Chloroethane-d5	1.93	69	50976	4.37	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%				
11) 1,1-Dichloroethene-d2	2.59	63	67671	2.87	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.40%#				
20) 2-Butanone-d5	4.71	46	214010	58.40	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.80%				
24) Chloroform-d	5.11	84	112665	4.84	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%				
26) 1,2-Dichloroethane-d4	5.75	65	68332	5.29	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%				
32) Benzene-d6	5.77	84	207022	4.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%				
36) 1,2-Dichloropropane-d6	6.74	67	76924	4.97	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%				
41) Toluene-d8	7.93	98	165416	3.54	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.80%				
43) trans-1,3-Dichloropropene-	8.22	79	25164	3.35	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.00%				
46) 2-Hexanone-d5	8.68	63	145051	43.76	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.52%				
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73774	5.34	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%				
64) 1,2-Dichlorobenzene-d4	12.22	152	59916	4.49	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%				
Target Compounds							Qvalue
5) Vinyl chloride	1.62	62	264727	14.599	ug/L		100
8) Chloroethane	1.95	64	3484	0.298	ug/L		98
13) Acetone	2.68	43	2360	0.926	ug/L		96
15) Methyl Acetate	3.07	43	6484	1.021	ug/L	#	50
17) Methyl tert-butyl Ether	3.43	73	61502	1.701	ug/L	#	89
18) trans-1,2-Dichloroethene	3.39	96	307522	21.208	ug/L		93
19) 1,1-Dichloroethane	3.92	63	67789	2.585	ug/L		97
22) cis-1,2-Dichloroethene	4.72	96	20941	1.307	ug/L		99
25) Chloroform	5.14	83	7855	0.273	ug/L		77
30) Cyclohexane	5.43	56	3980	0.149	ug/L		94
33) Benzene	5.82	78	52641	0.839	ug/L		100
35) Methylcyclohexane	6.74	83	18074	0.641	ug/L	#	19
48) 2-Hexanone	8.73	43	15228	2.019	ug/L	#	82
59) 1,2,3-Trichloropropane	11.84	75	9173	0.826	ug/L		92

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

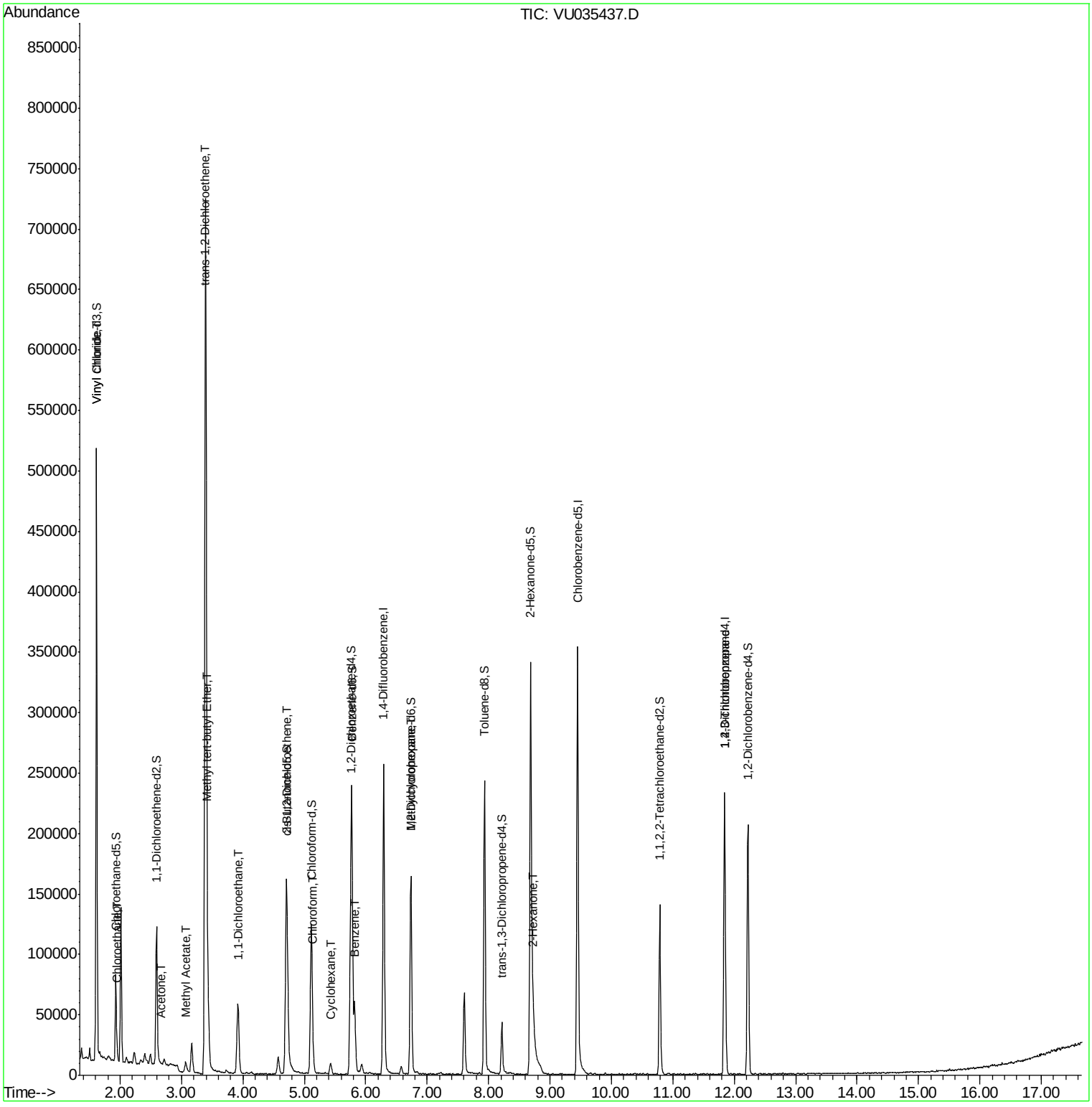
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

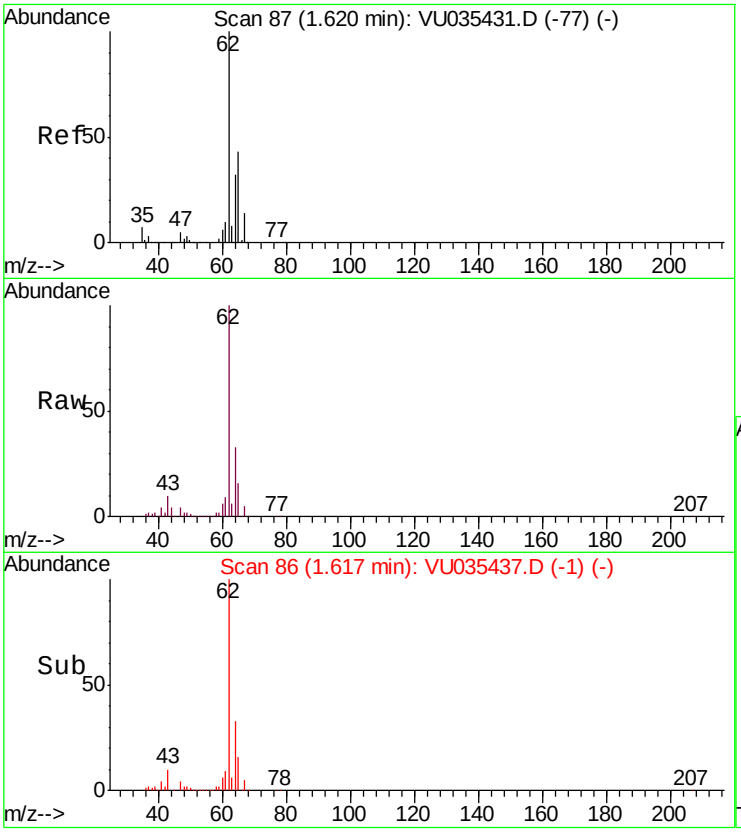
Quantitation Report (Not Reviewed)

Data File : VU035437.D
Acq On : 24 Oct 2019 05:09
Operator : JC/SP
Sample : K5488-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G28

Quant Time: Oct 24 07:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration



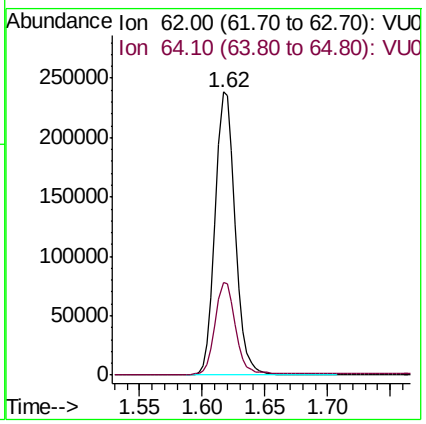


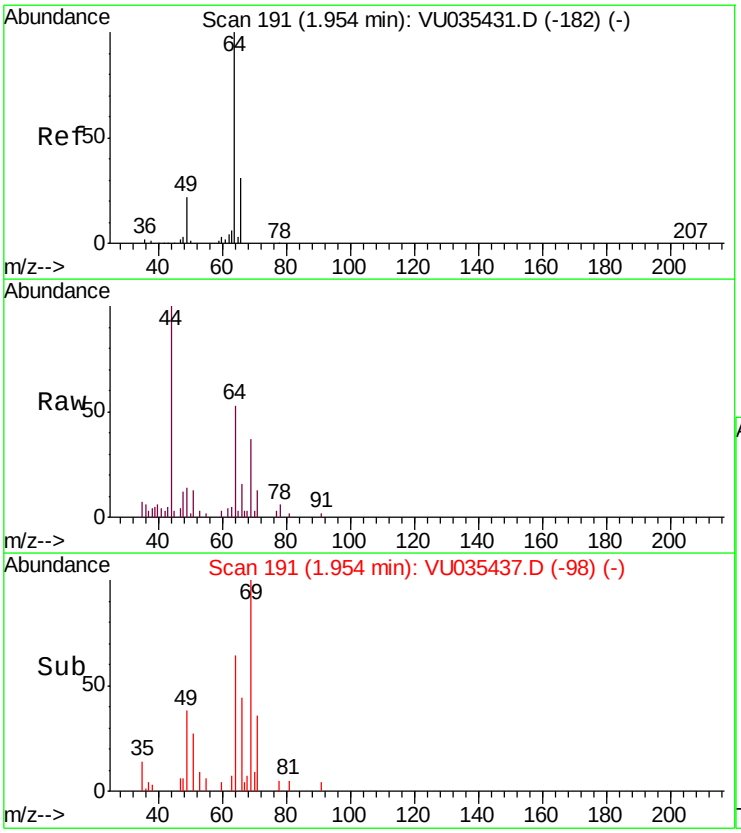
#5
Vinyl chloride
Concen: 14.599 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument :
MSVOA_U
ClientSampleId :
H0G28

Tgt Ion: 62 Resp: 264727

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.9	42.5

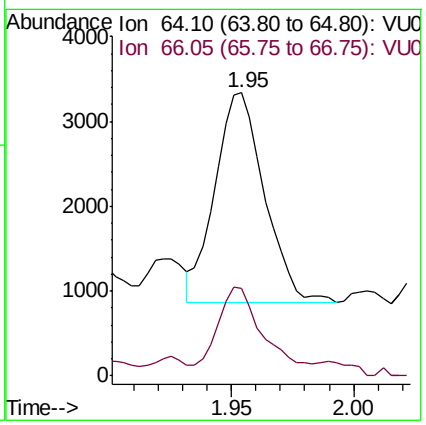


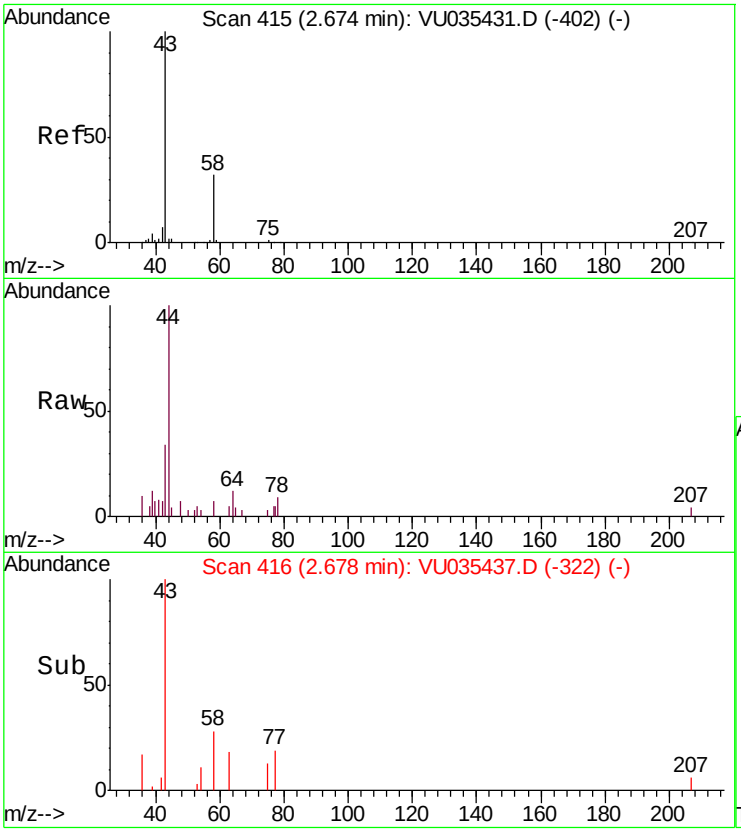


#8
Chloroethane
Concen: 0.298 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 64 Resp: 3484

Ion	Ratio	Lower	Upper
64	100		
66	31.1	22.7	42.1



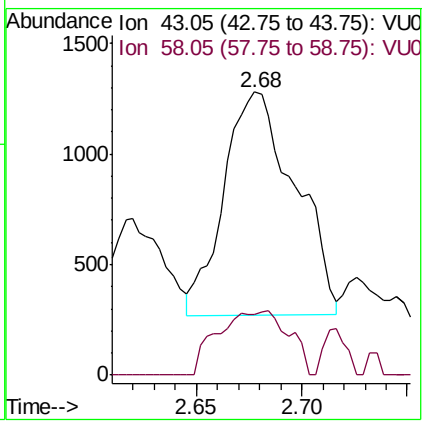


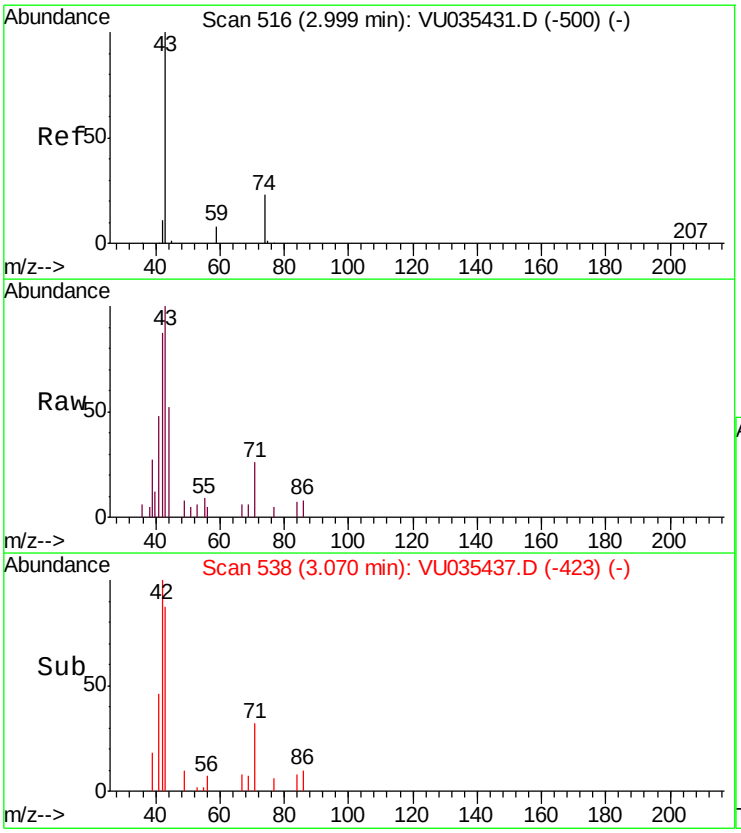
#13
Acetone
Concen: 0.926 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument : MSVOA_U
ClientSampleId : H0G28

Tgt Ion: 43 Resp: 2360

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	61.8

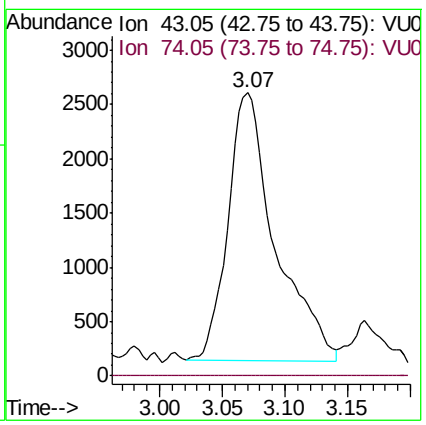


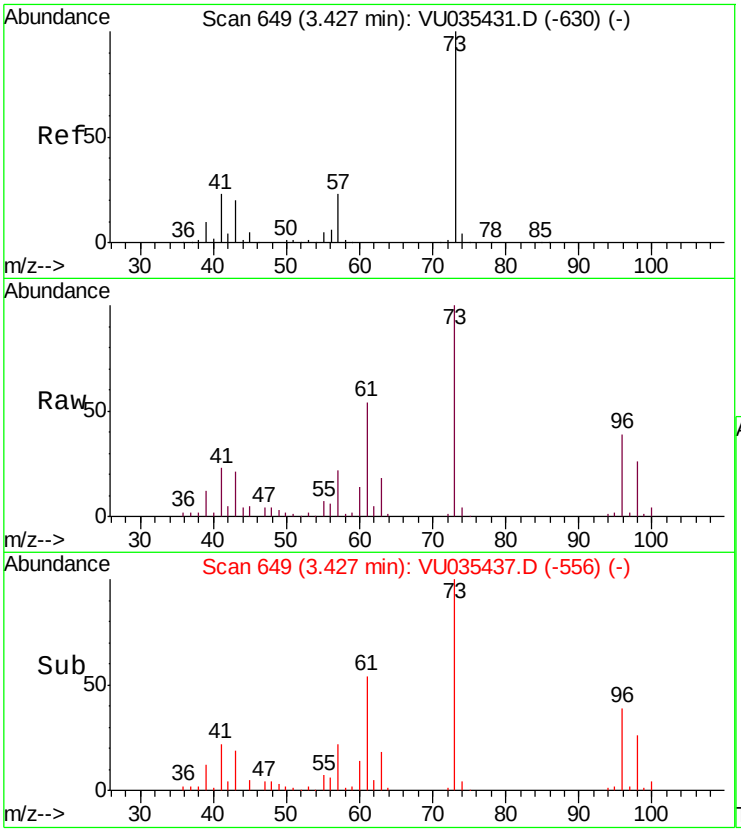


#15
Methyl Acetate
Concen: 1.021 ug/L
RT: 3.07 min Scan# 538
Delta R.T. 0.07 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 43 Resp: 6484

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.3	30.5#



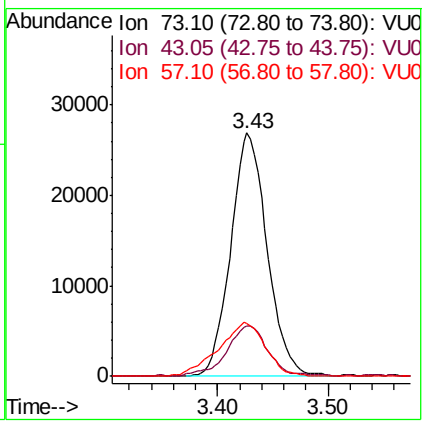


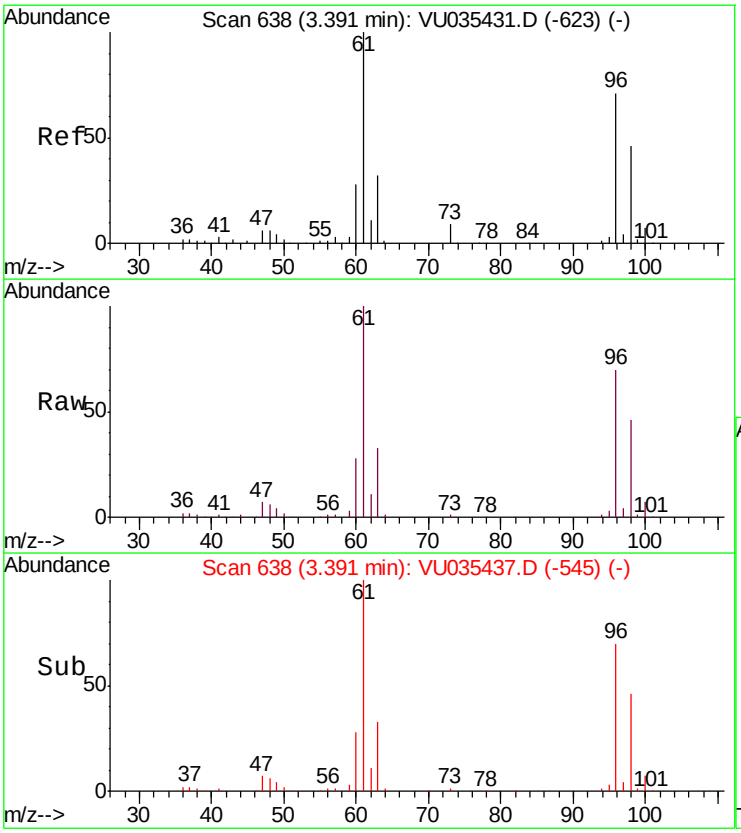
#17
Methyl tert-butyl Ether
Concen: 1.701 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument :
MSVOA_U
ClientSampleId :
H0G28

Tgt Ion: 73 Resp: 61502

Ion	Ratio	Lower	Upper
73	100		
43	23.7	16.0	24.0
57	28.4	17.4	26.2#

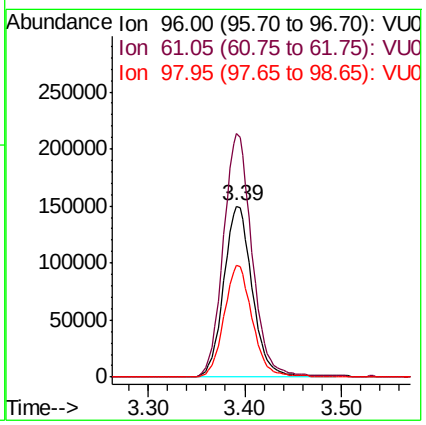


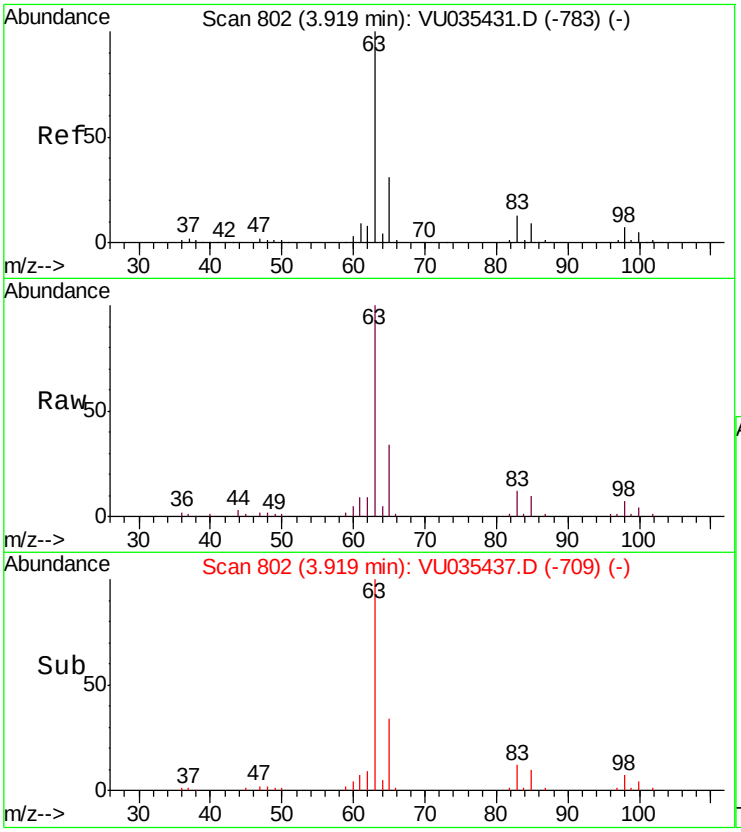


#18
trans-1,2-Dichloroethene
Concen: 21.208 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 96 Resp: 307522

Ion	Ratio	Lower	Upper
96	100		
61	142.2	93.0	172.6
98	65.2	43.7	81.1



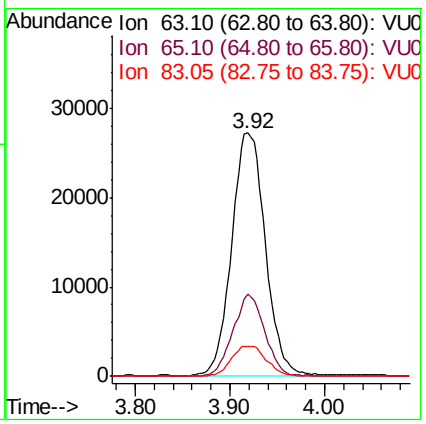


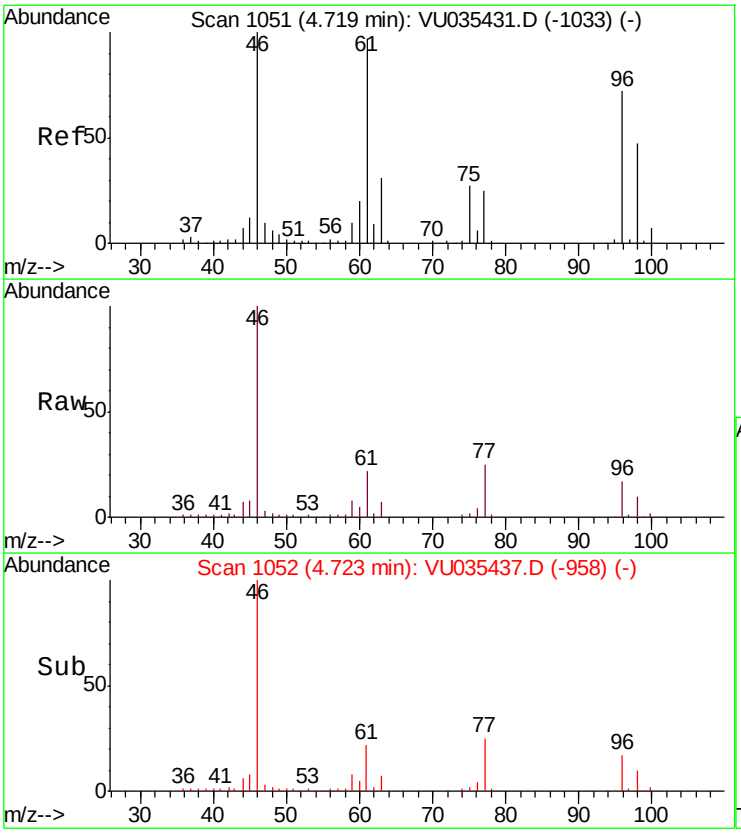
#19
1,1-Dichloroethane
Concen: 2.585 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument : MSVOA_U
ClientSampleId : H0G28

Tgt Ion: 63 Resp: 67789

Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.4	41.6
83	12.2	9.3	17.3

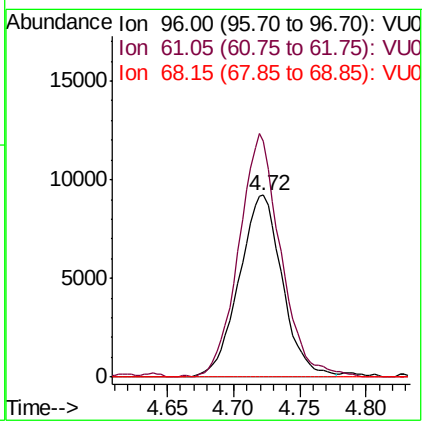


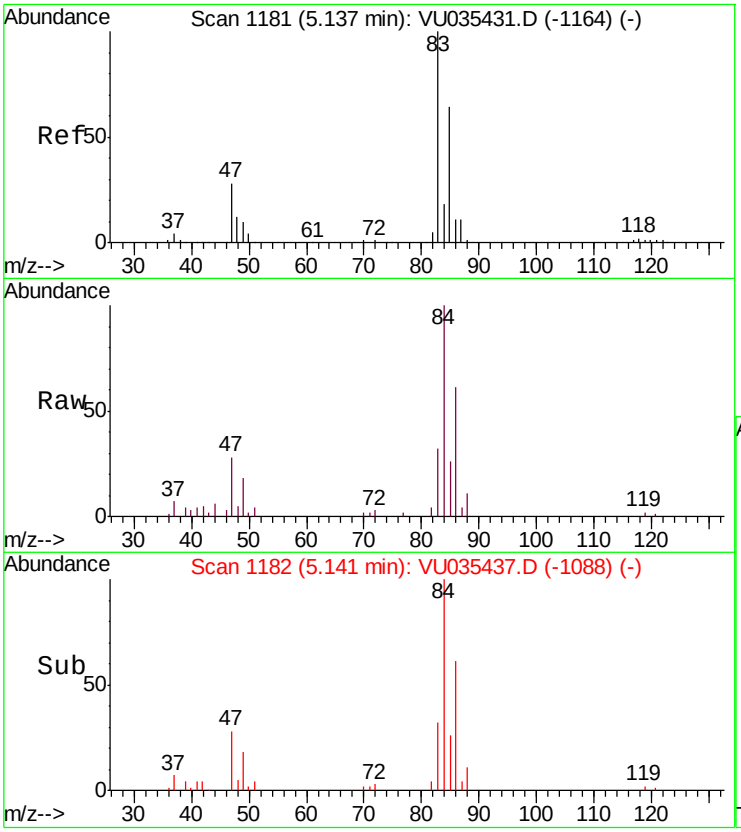


#22
cis-1,2-Dichloroethene
Concen: 1.307 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 96 Resp: 20941

Ion	Ratio	Lower	Upper
96	100		
61	129.6	89.7	166.5
68	0.0	0.0	0.0



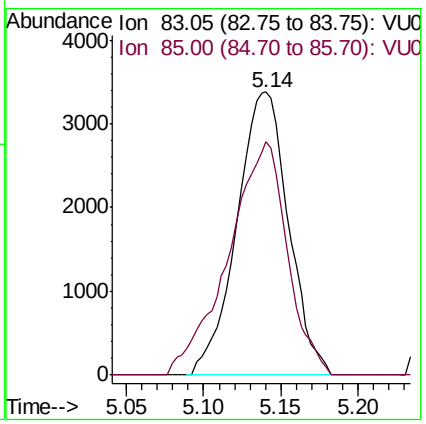


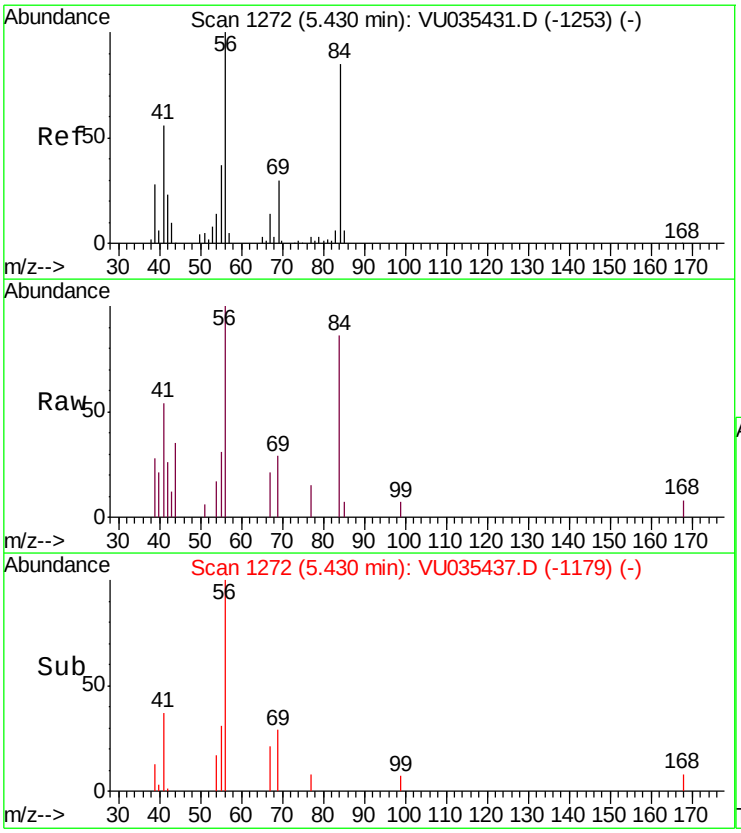
#25
Chloroform
Concen: 0.273 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument : MSVOA_U
ClientSampleId : H0G28

Tgt Ion: 83 Resp: 7855

Ion	Ratio	Lower	Upper
83	100		
85	82.4	45.1	83.9

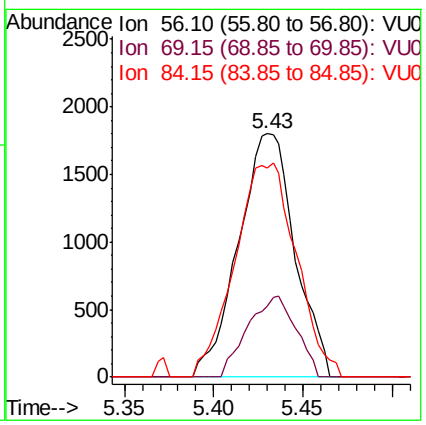


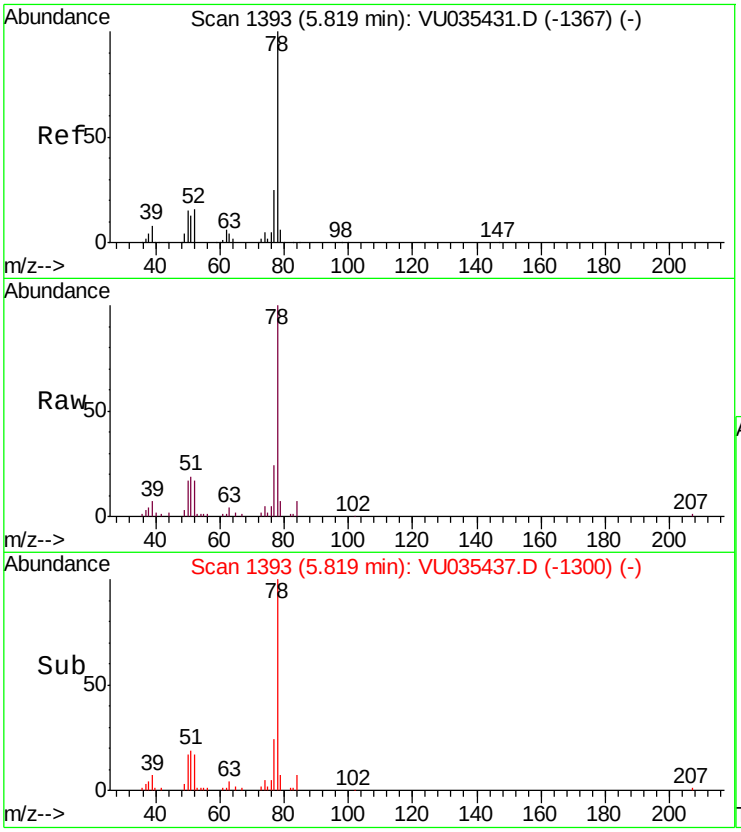


#30
Cyclohexane
Concen: 0.149 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 56 Resp: 3980

Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.6	36.8
84	95.5	71.5	107.3

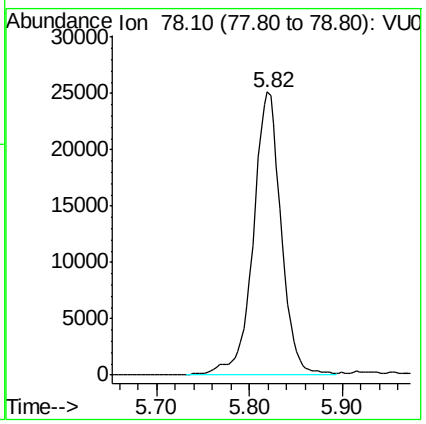


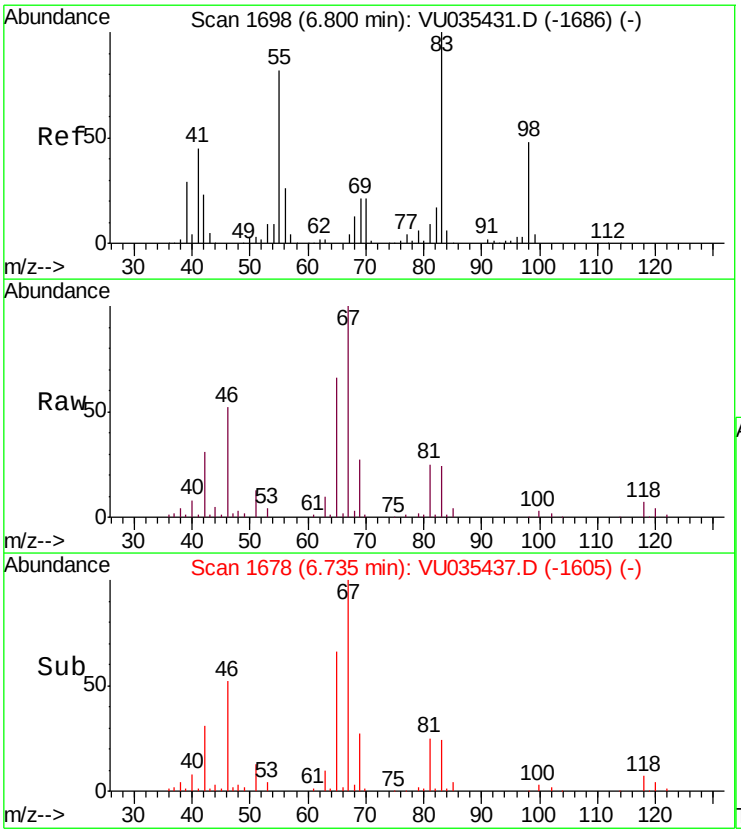


#33
Benzene
Concen: 0.839 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument :
MSVOA_U
ClientSampleId :
H0G28

Tgt Ion: 78 Resp: 52641

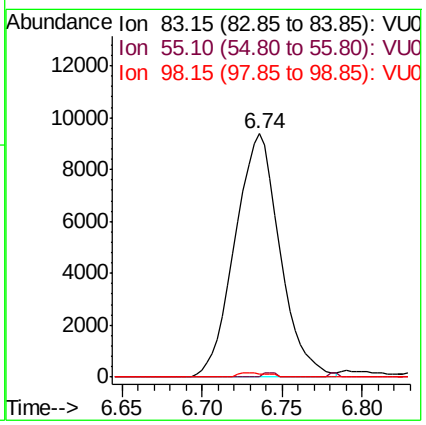


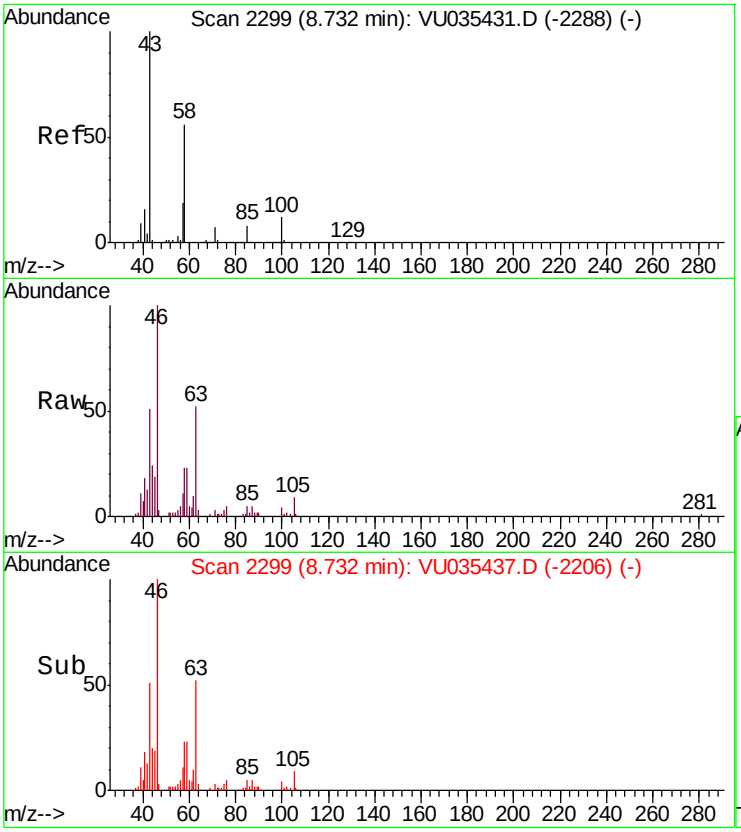


#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 83 Resp: 18074

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.8	39.5	59.3#



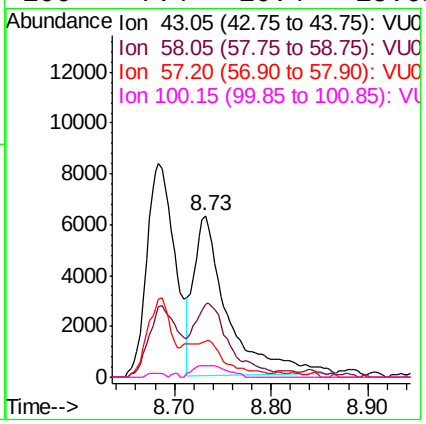


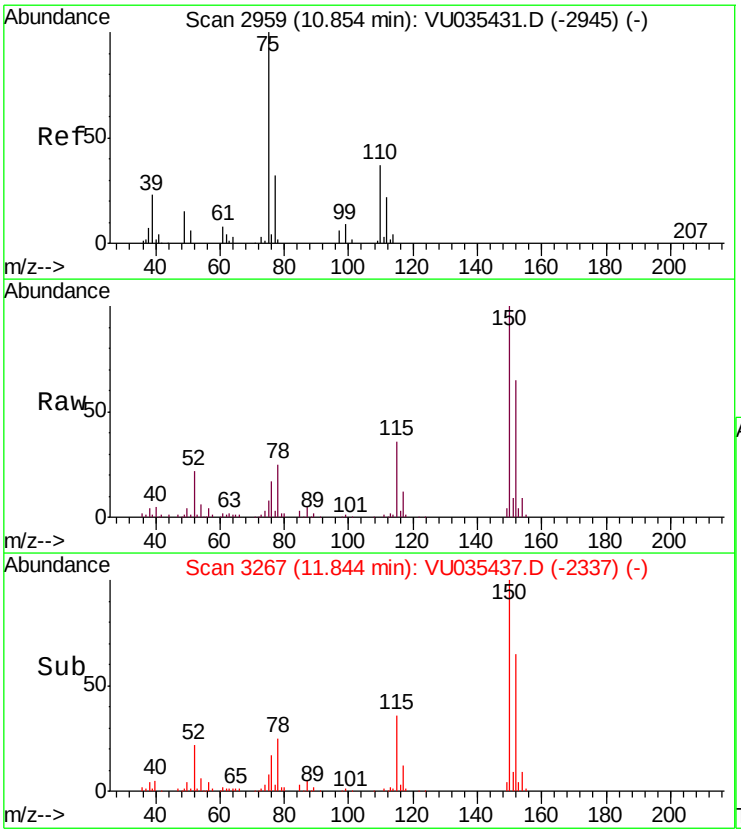
#48
2-Hexanone
Concen: 2.019 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Instrument : MSVOA_U
ClientSampleId : H0G28

Tgt Ion: 43 Resp: 15228

Ion	Ratio	Lower	Upper
43	100		
58	48.8	45.1	67.7
57	0.0	16.0	24.0#
100	7.4	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.826 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035437.D
Acq: 24 Oct 2019 05:09

Tgt Ion: 75 Resp: 9173

Ion	Ratio	Lower	Upper
75	100		
77	37.0	26.2	39.2