Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071719\

Quantitation Report (Not Reviewed)

Data File : VU033296.D
Acq On : 17 Jul 2019 17:35
Operator : JC/SP
Sample : K3772-21DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52L0DL

Quant Time: Jul 18 08:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	123536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	134717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56432	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	47945	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.67	69	45543	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.26	63	80167	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%			
20) 2-Butanone-d5	4.17	46	81922	34.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 69.88%			
24) Chloroform-d	4.62	84	72786	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.20%			
26) 1,2-Dichloroethane-d4	5.29	65	47036	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.32	84	159321	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
36) 1,2-Dichloropropane-d6	6.31	67	54679	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.55	98	133840	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	7.84	79	19239	4.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.40%			
46) 2-Hexanone-d5	8.30	63	82968	42.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.44%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	45194	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	53572	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	1933	0.145	ug/L #	46
16) Methylene chloride	2.69	84	1727	0.140	ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	58431	6.167	ug/L	99
25) Chloroform	4.65	83	15640	0.838	ug/L	98
35) Methylcyclohexane	6.31	83	12601	0.828	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5926	0.574	ug/L #	92
59) 1,2,3-Trichloropropane	11.47	75	7202	1.071	ug/L	90

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

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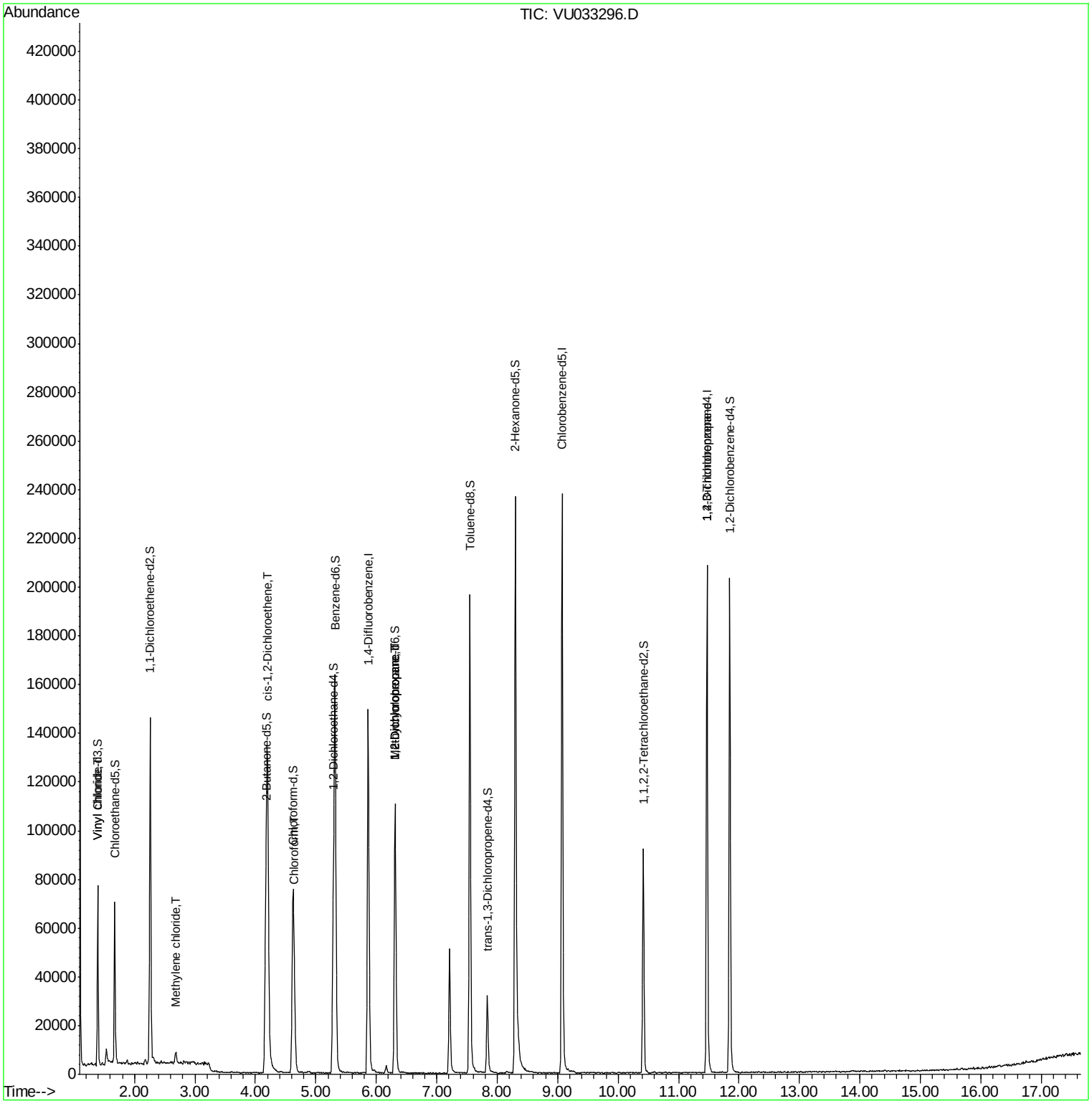
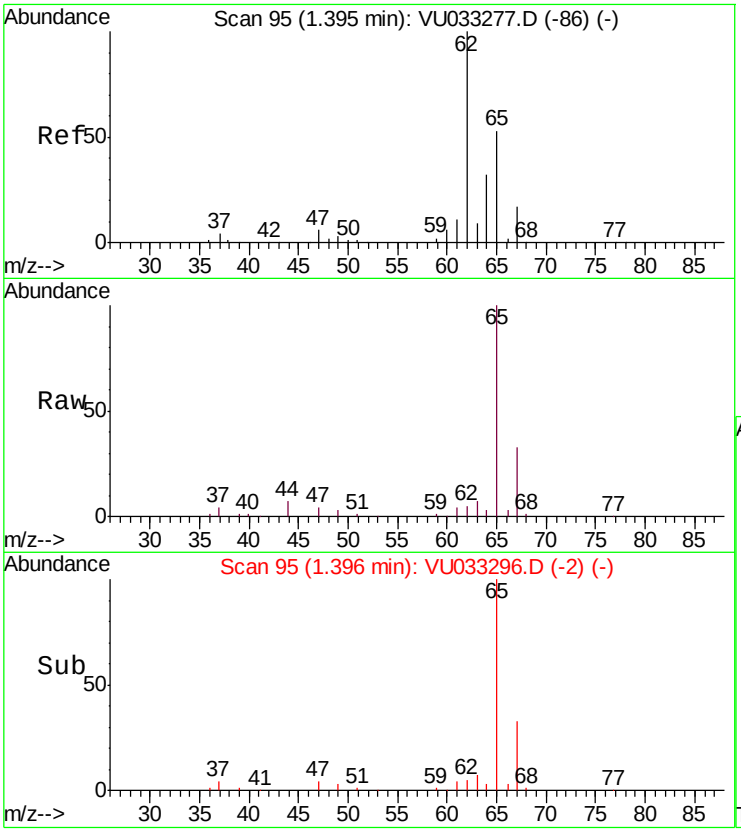
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration



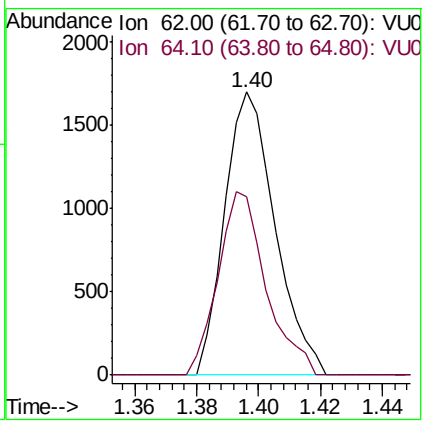


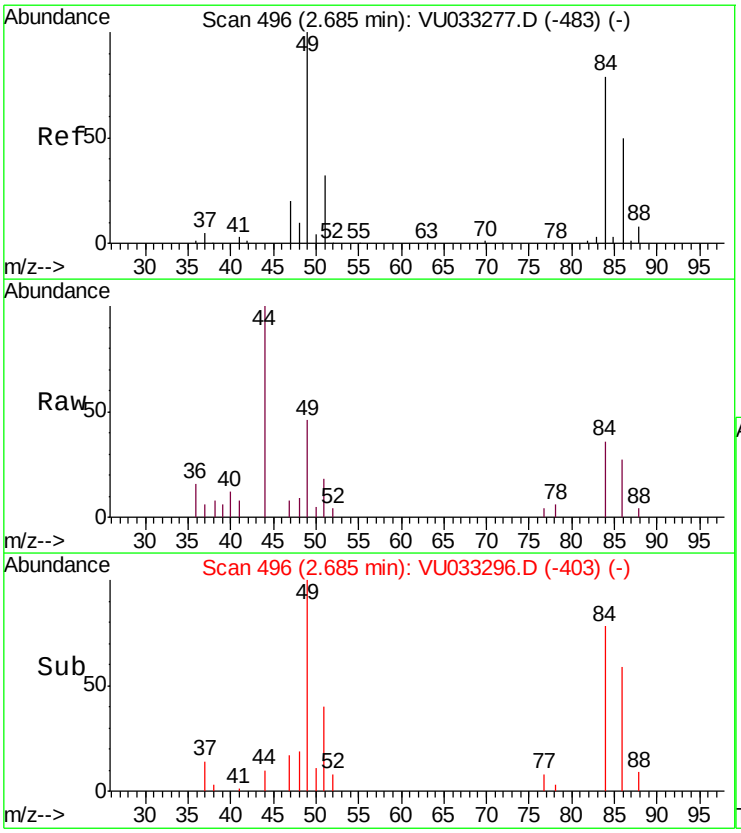
#5
Vinyl chloride
Concen: 0.145 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
A52L0DL

Tgt Ion: 62 Resp: 1933

Ion	Ratio	Lower	Upper
62	100		
64	62.8	22.8	42.4#

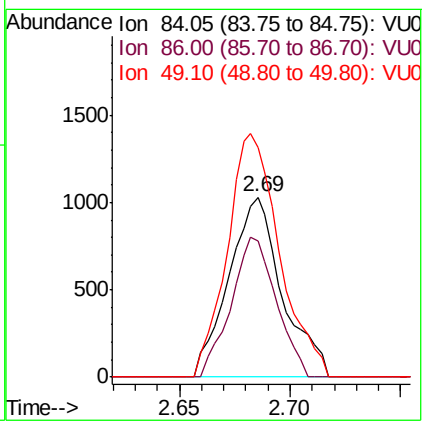


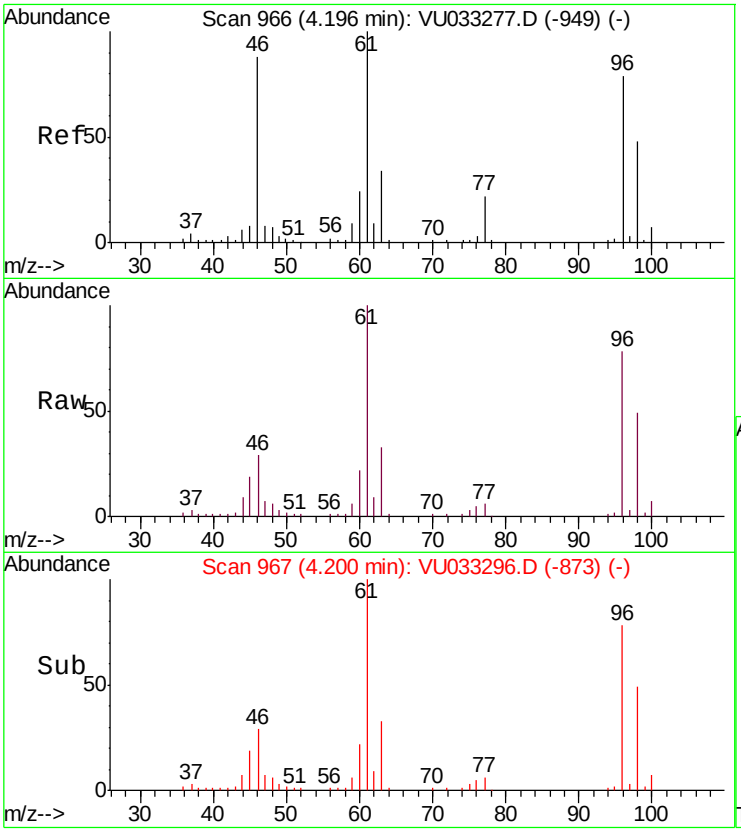


#16
Methylene chloride
Concen: 0.140 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Tgt Ion: 84 Resp: 1727

Ion	Ratio	Lower	Upper
84	100		
86	75.5	42.5	78.9
49	127.7	86.9	161.3



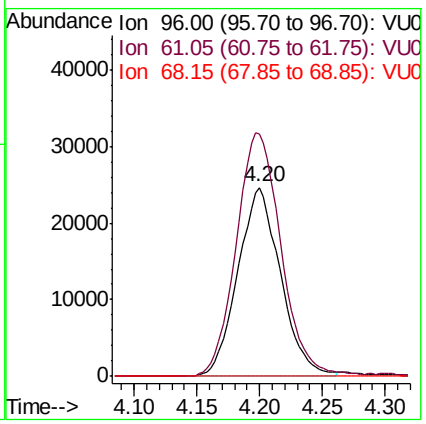


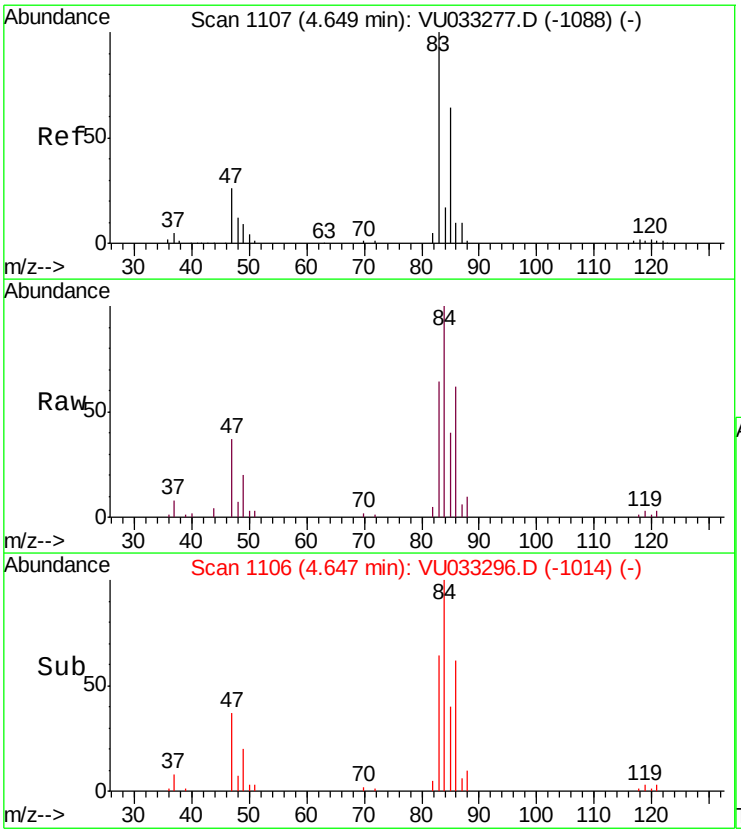
#22
cis-1,2-Dichloroethene
Concen: 6.167 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Instrument : MSVOA_U
ClientSampleId : A52L0DL

Tgt Ion: 96 Resp: 58431

Ion	Ratio	Lower	Upper
96	100		
61	128.1	89.2	165.6
68	0.0	0.0	0.0

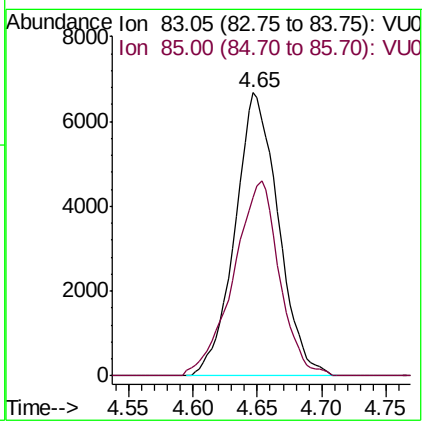


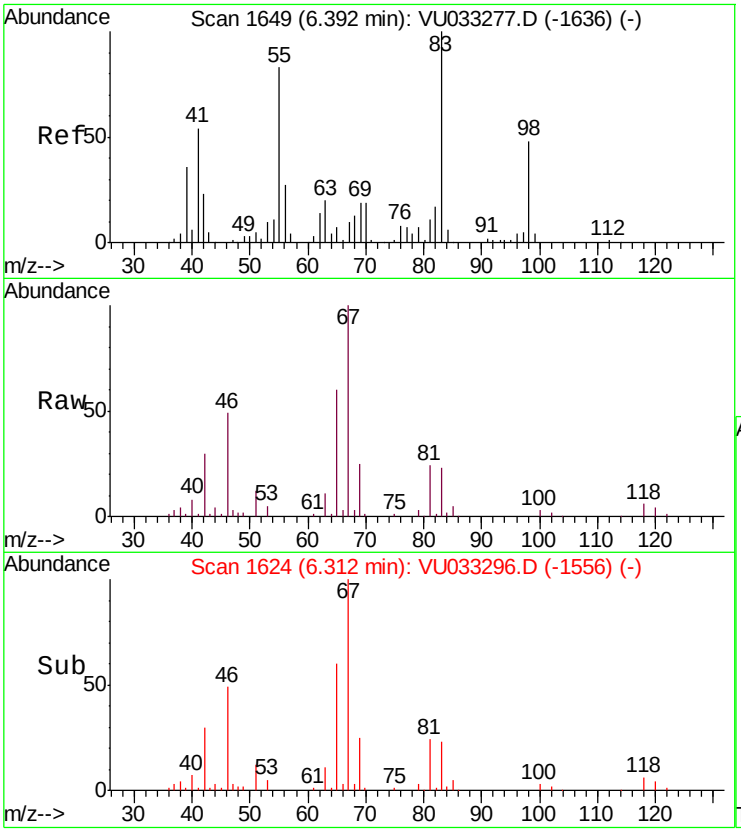


#25
Chloroform
Concen: 0.838 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Tgt Ion: 83 Resp: 15640

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.4	84.4



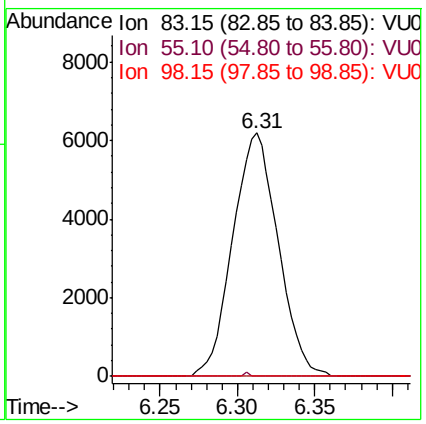


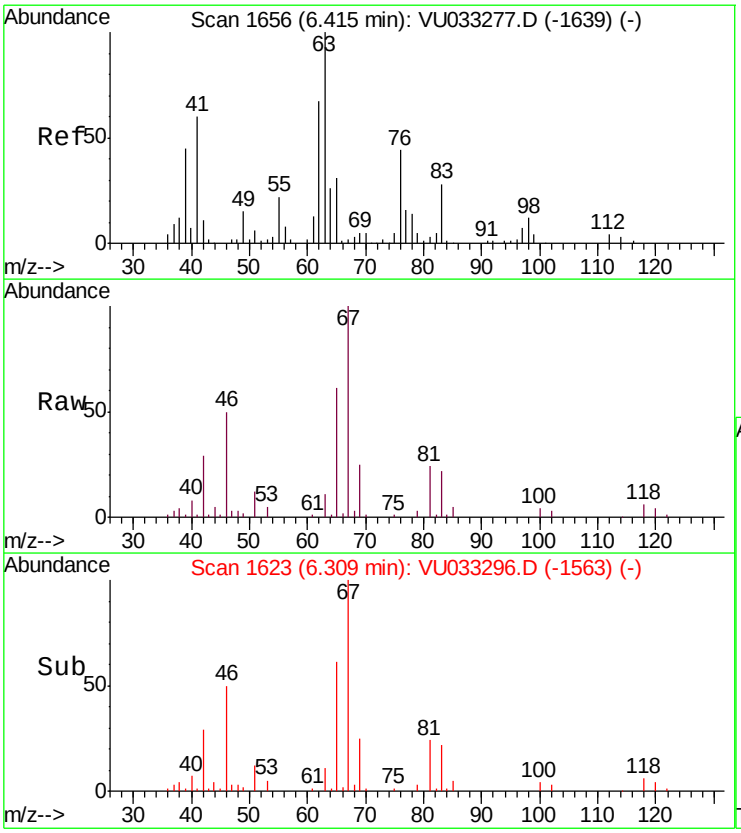
#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Instrument : MSVOA_U
ClientSampleId : A52L0DL

Tgt Ion: 83 Resp: 12601

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	0.0	36.2	54.2#

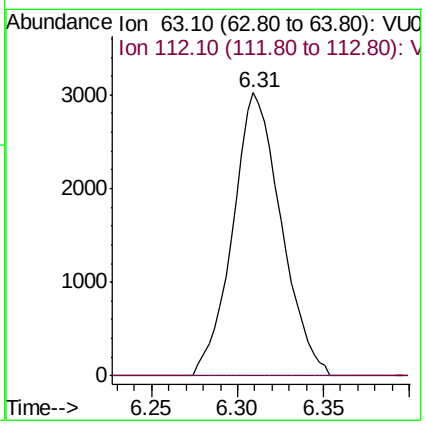


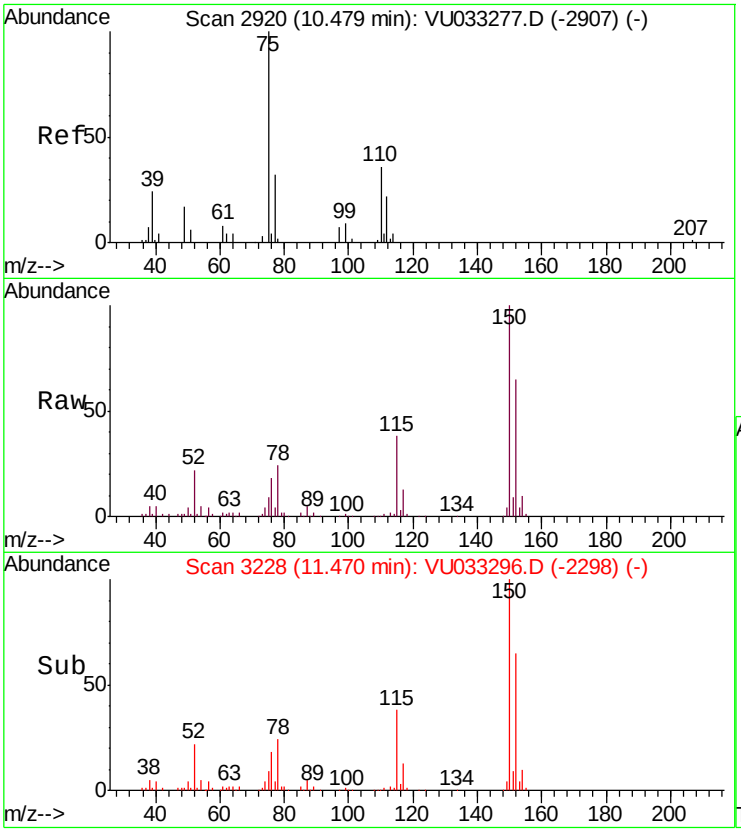


#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.11 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Tgt Ion: 63 Resp: 5926

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.1	4.7#





#59
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033296.D
Acq: 17 Jul 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
A52L0DL

Tgt Ion: 75 Resp: 7202

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.5	39.7