Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

Quantitation Report   (Not Reviewed)

Data File : VU036302.D
Acq On   : 19 Dec 2019 23:18
Operator : JC/MD
Sample   : K6282-19
Misc   : 25.0mL/MSVOA_U/WATER
ALS Vial : 27   Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDX5

Quant Time: Dec 20 05:38:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	207278	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94955	5.00	ug/L	0.00

System Monitoring Compounds

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	1.61	65	102502	5.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.40%			
7) Chloroethane-d5	1.93	69	94252	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.59	63	105431	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	4.70	46	178352	52.15	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.30%			
24) Chloroform-d	5.11	84	157791	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	5.75	65	81527	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.77	84	265561	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.73	67	87101	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.93	98	206765	3.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.20%			
43) trans-1,3-Dichloropropene-	8.21	79	31563	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.68	63	130685	42.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.38%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84639	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	85769	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
12) 1,1-Dichloroethene	2.59	96	1076	0.070	ug/L	#	1
13) Acetone	2.69	43	10090	3.386	ug/L		90
34) Trichloroethene	6.58	95	2987	0.153	ug/L		88
35) Methylcyclohexane	6.73	83	20950	0.757	ug/L	#	18
37) 1,2-Dichloropropane	6.73	63	9878	0.513	ug/L	#	87
39) cis-1,3-Dichloropropene	7.60	75	2227	0.085	ug/L	#	72
48) 2-Hexanone	8.68	43	16002	2.128	ug/L	#	74
59) 1,2,3-Trichloropropane	11.83	75	10085	0.788	ug/L	#	88

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

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Quant Time: Dec 20 05:38:24 2019
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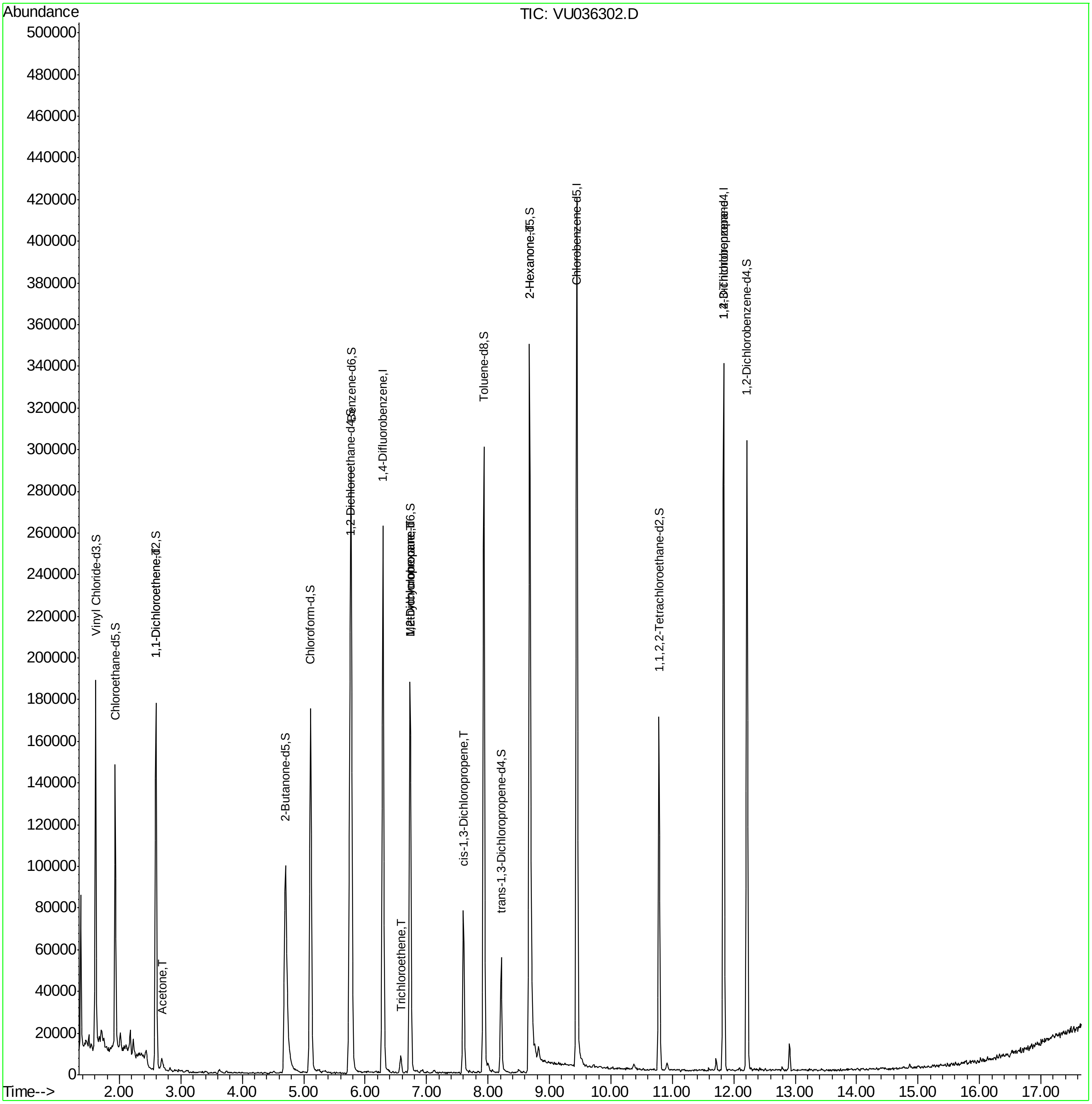
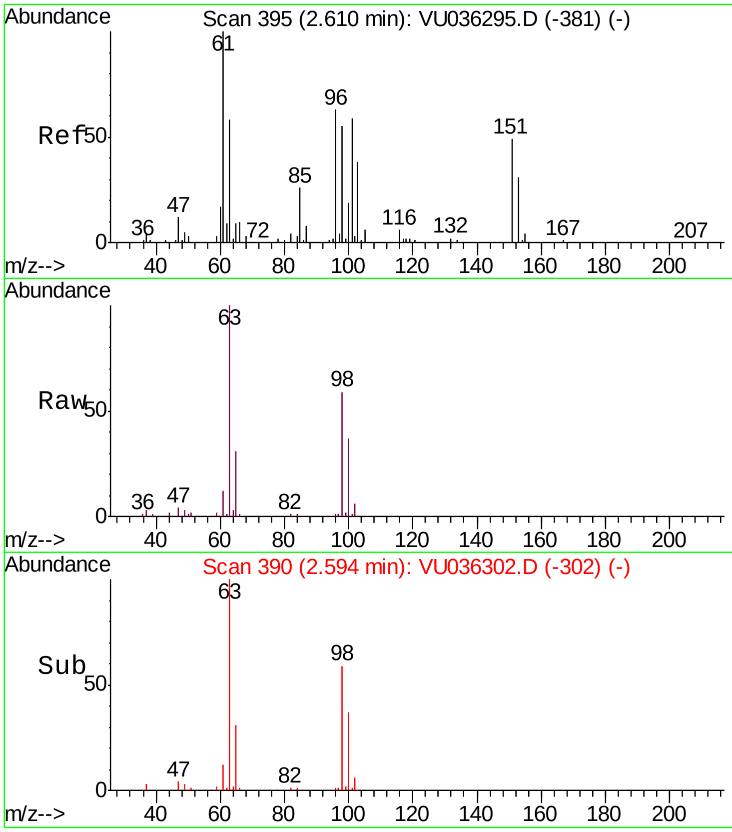
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration



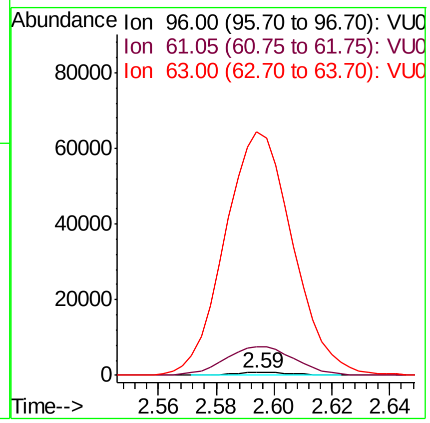


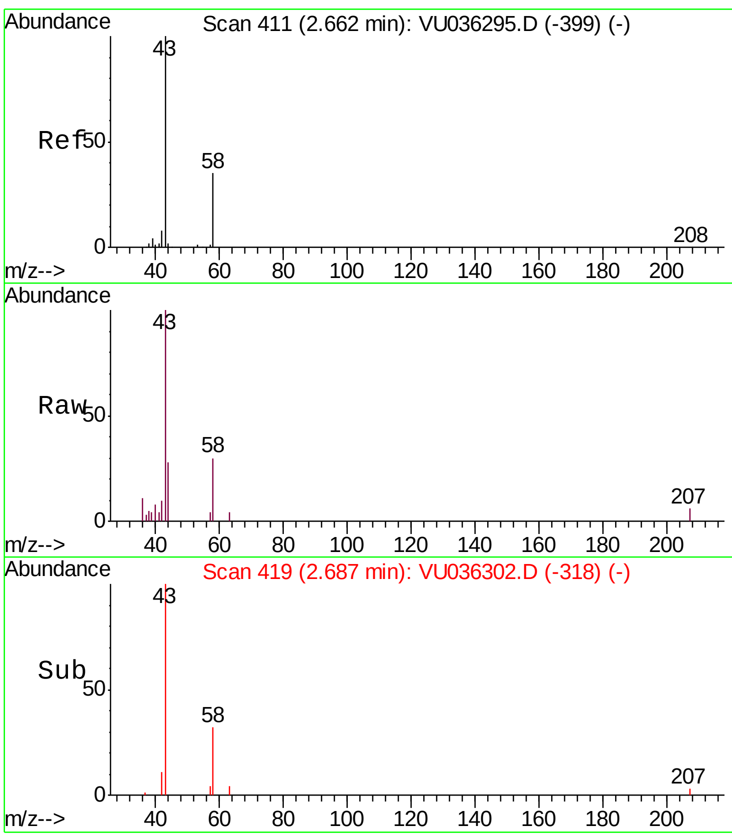
#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.02 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
BFDX5

Tgt Ion: 96 Resp: 1076

Ion	Ratio	Lower	Upper
96	100		
61	1015.0	114.0	211.8#
63	8479.6	63.6	118.0#

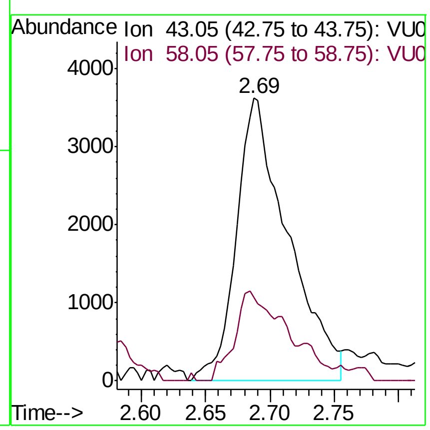


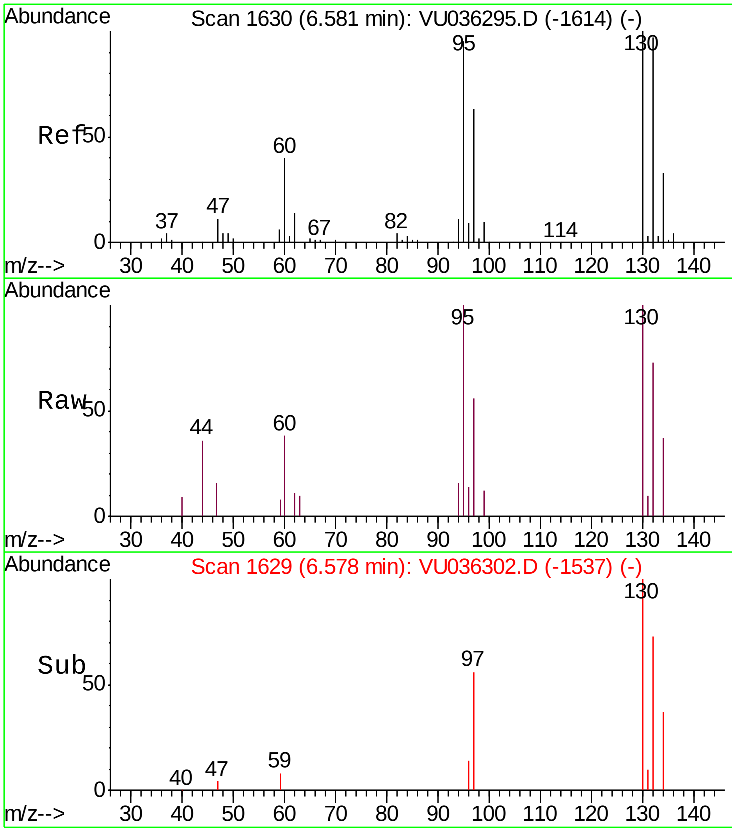


#13
Acetone
Concen: 3.386 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.03 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Tgt Ion: 43 Resp: 10090

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	67.6



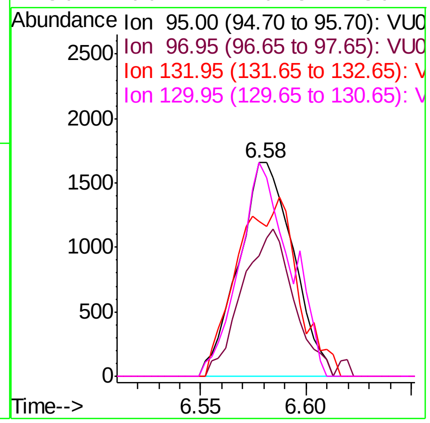


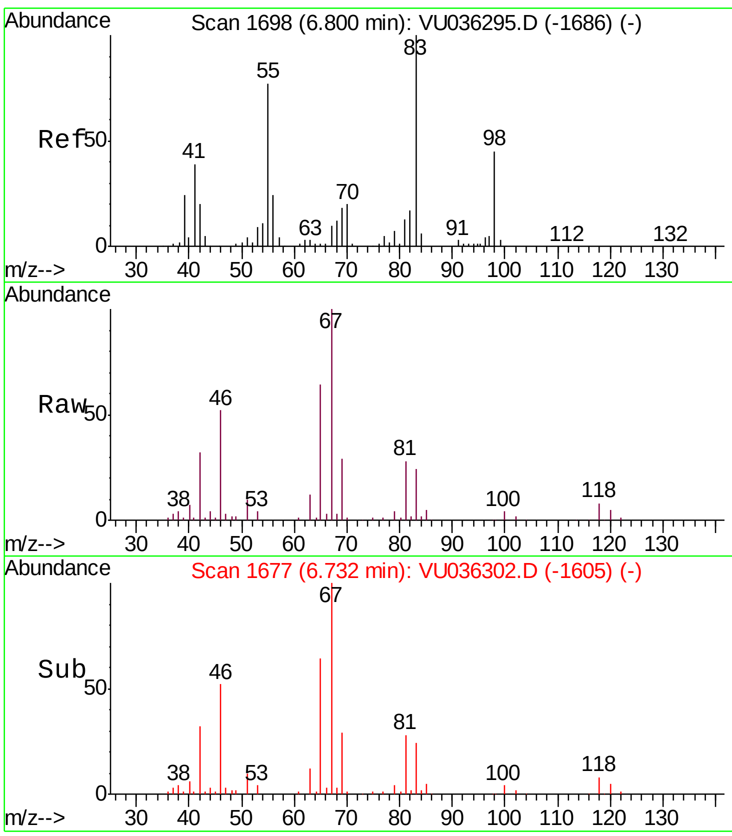
#34
Trichloroethene
Concen: 0.153 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
BFDX5

Tgt Ion: 95 Resp: 2987

Ion	Ratio	Lower	Upper
95	100		
97	56.3	43.6	81.0
132	72.7	69.6	129.2
130	100.2	70.3	130.7

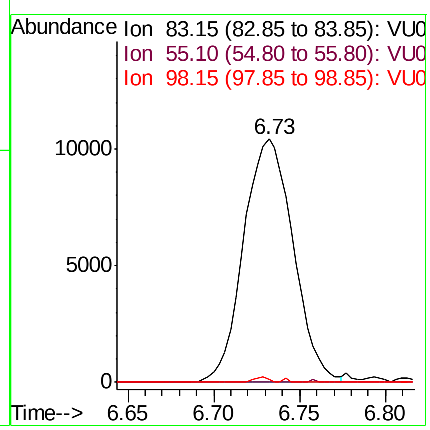


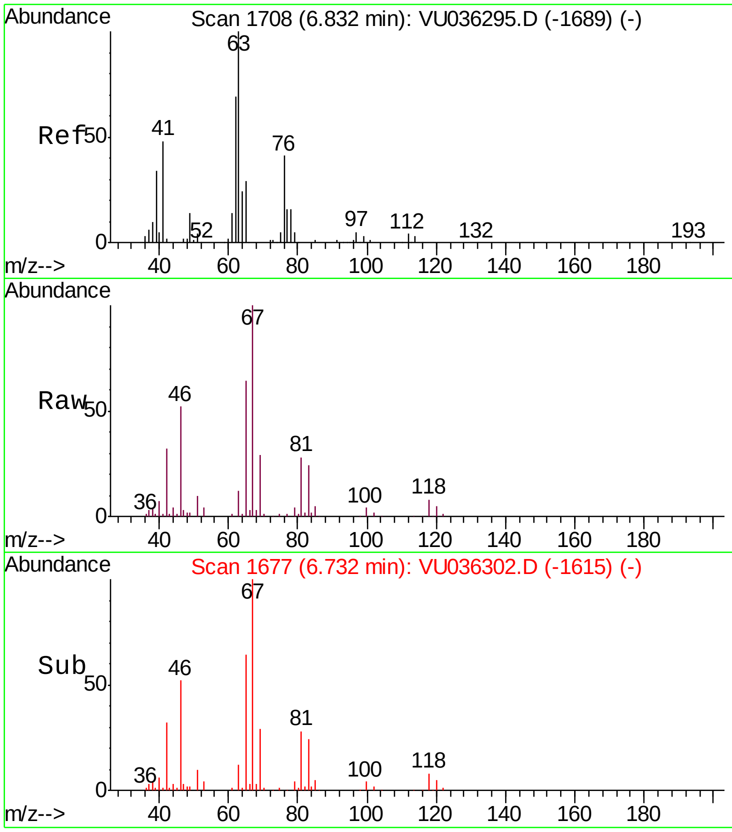


#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Tgt Ion: 83 Resp: 20950

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.6	36.2	54.2#



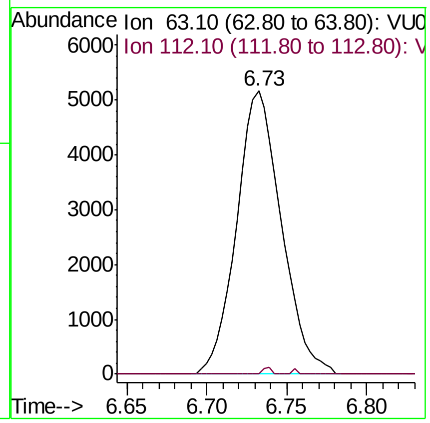


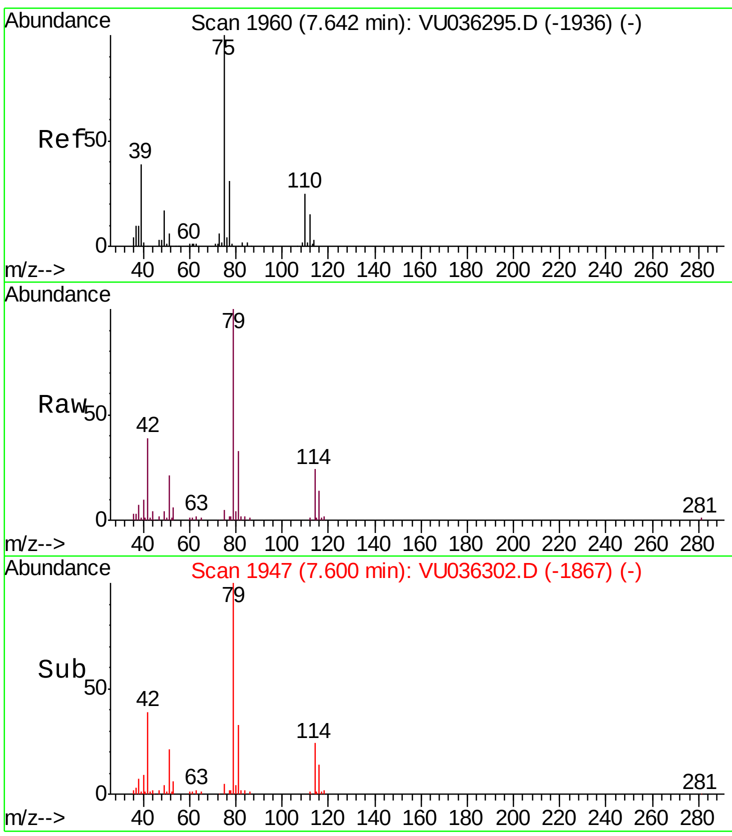
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
BFDX5

Tgt Ion: 63 Resp: 9878

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#

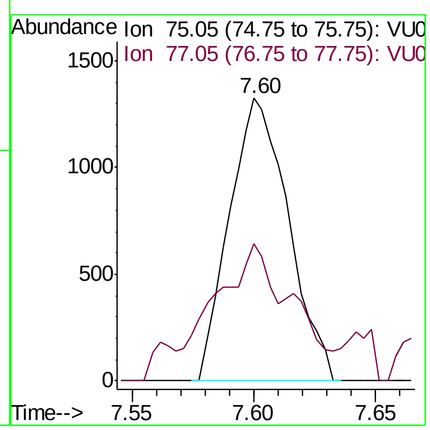


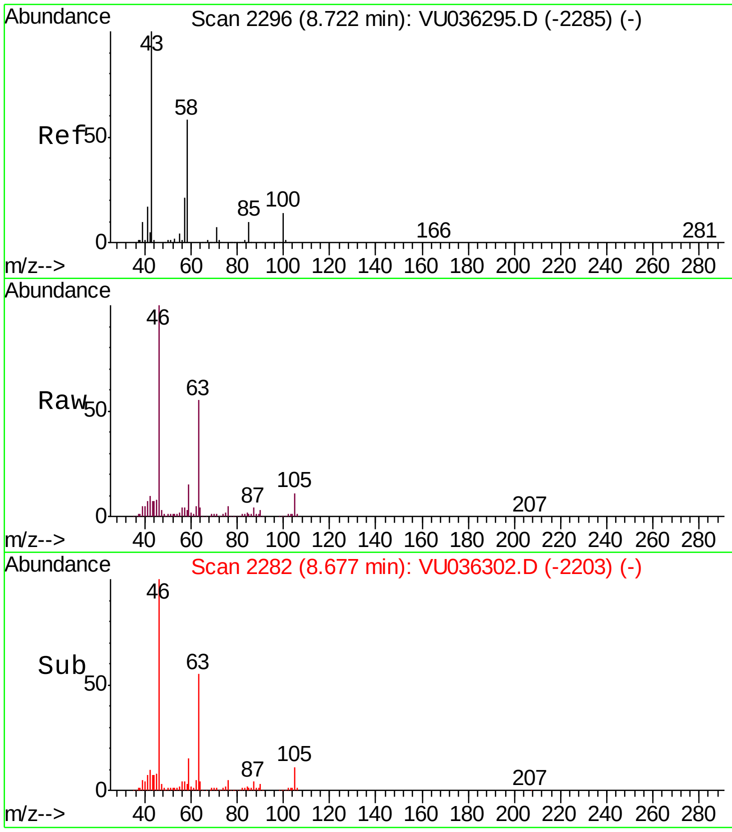


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036302.D
Acq: 19 Dec 2019 23:18

Tgt Ion: 75 Resp: 2227

Ion	Ratio	Lower	Upper
75	100		
77	48.4	22.7	42.1#



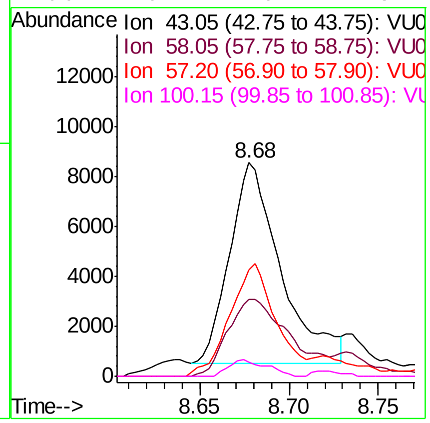


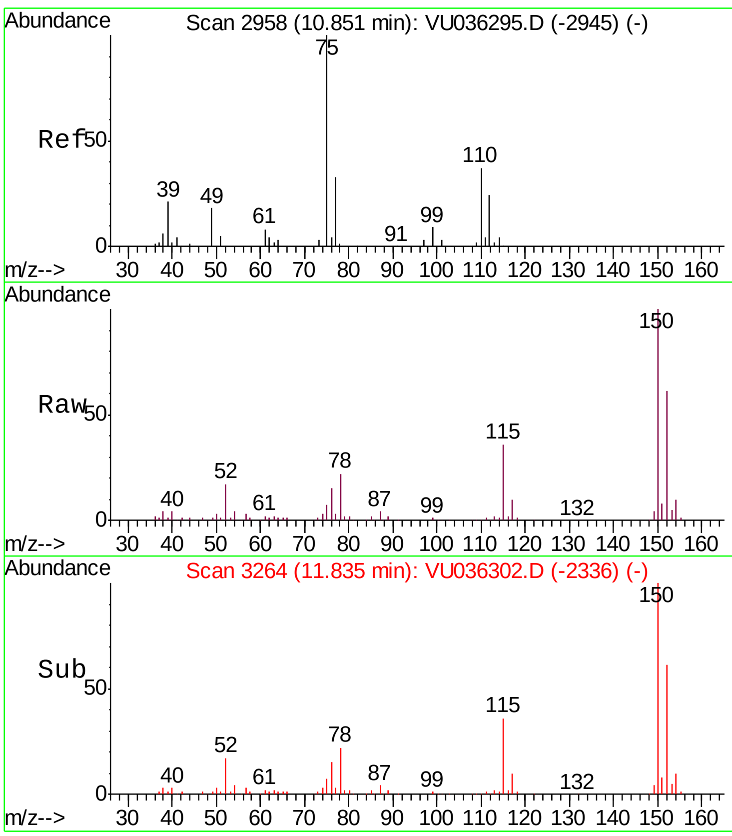
#48
2-Hexanone
Concen: 2.128 ug/L
RT: 8.68 min   Scan# 2282
Delta R.T.   -0.04 min
Lab File: VU036302.D
Acq: 19 Dec 2019   23:18

Instrument :
MSVOA_U
ClientSampleId :
BFDX5

Tgt Ion: 43 Resp: 16002

Ion	Ratio	Lower	Upper
43	100		
58	46.5	46.2	69.2
57	50.1	16.2	24.4#
100	6.2	10.2	15.4#





#59
1,2,3-Trichloropropane
Concen: 0.788 ug/L
RT: 11.83 min   Scan# 3264
Delta R.T.   0.98 min
Lab File: VU036302.D
Acq: 19 Dec 2019   23:18

Tgt Ion: 75 Resp: 10085

Ion	Ratio	Lower	Upper
75	100		
77	40.9	27.2	40.8#