Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\

Quantitation Report (Not Reviewed)

Data File : VU036016.D
Acq On : 06 Dec 2019 11:59
Operator : JC/SP
Sample : K6132-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQX3

Quant Time: Dec 06 22:33:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265214	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84723	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	99945	3.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.20%			
7) Chloroethane-d5	1.93	69	91234	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.59	63	118289	2.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.40%#			
20) 2-Butanone-d5	4.69	46	215322	40.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.44%			
24) Chloroform-d	5.11	84	178823	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.75	65	92995	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	5.77	84	338365	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
36) 1,2-Dichloropropane-d6	6.73	67	108899	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.60%			
41) Toluene-d8	7.93	98	278292	3.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.40%			
43) trans-1,3-Dichloropropene-	8.21	79	41041	3.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.20%			
46) 2-Hexanone-d5	8.68	63	162059	37.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.38%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93125	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	80705	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1158	0.061	ug/L #	1
13) Acetone	2.66	43	108342	22.384	ug/L	99
15) Methyl Acetate	2.99	43	2083	0.240	ug/L #	71
16) Methylene chloride	3.08	84	6476	0.220	ug/L	90
21) 2-Butanone	4.77	43	31075	5.001	ug/L	100
35) Methylcyclohexane	6.73	83	26286	0.781	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11821	0.492	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2496	0.078	ug/L #	63
40) 4-Methyl-2-pentanone	7.84	43	22023	1.559	ug/L #	85
42) Toluene	8.01	91	14712	0.159	ug/L	94
59) 1,2,3-Trichloropropane	11.84	75	9396	0.601	ug/L	95

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

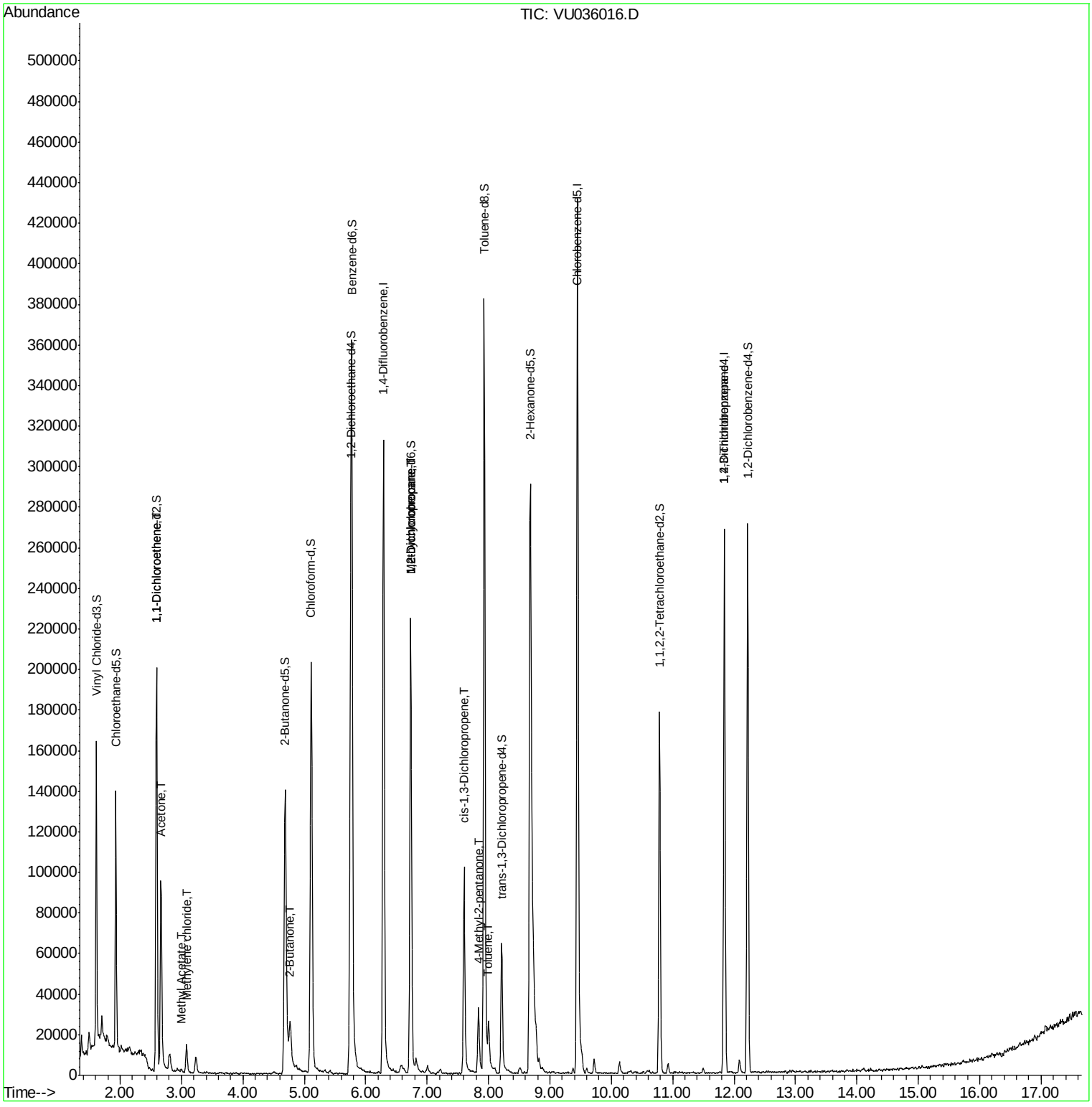
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\

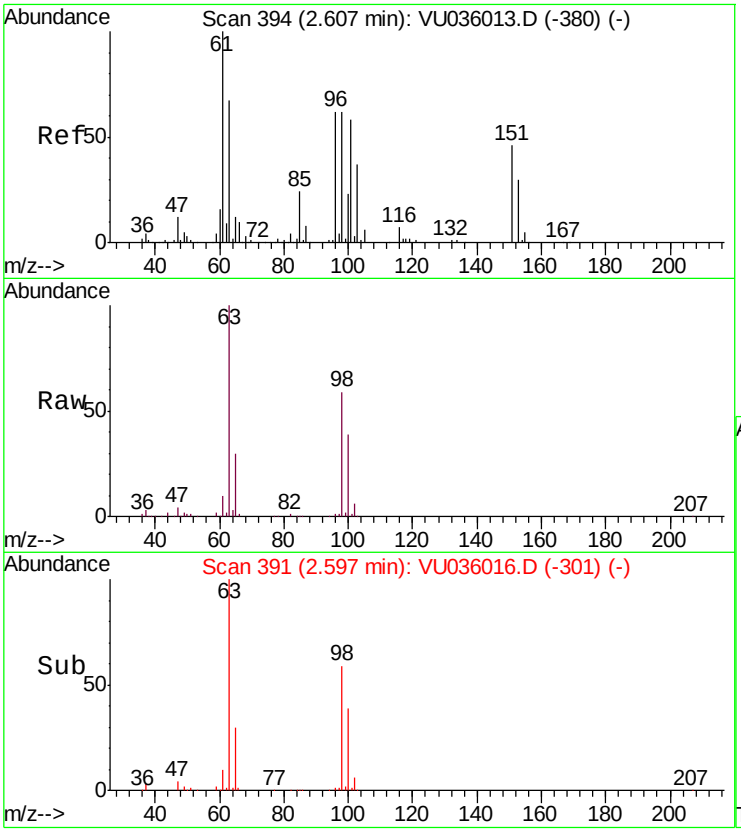
Quantitation Report (Not Reviewed)

Data File : VU036016.D
Acq On : 06 Dec 2019 11:59
Operator : JC/SP
Sample : K6132-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Quant Time: Dec 06 22:33:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration



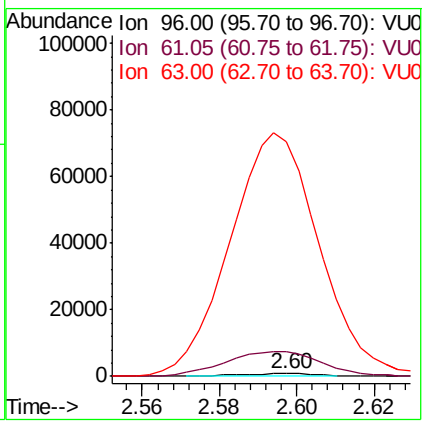


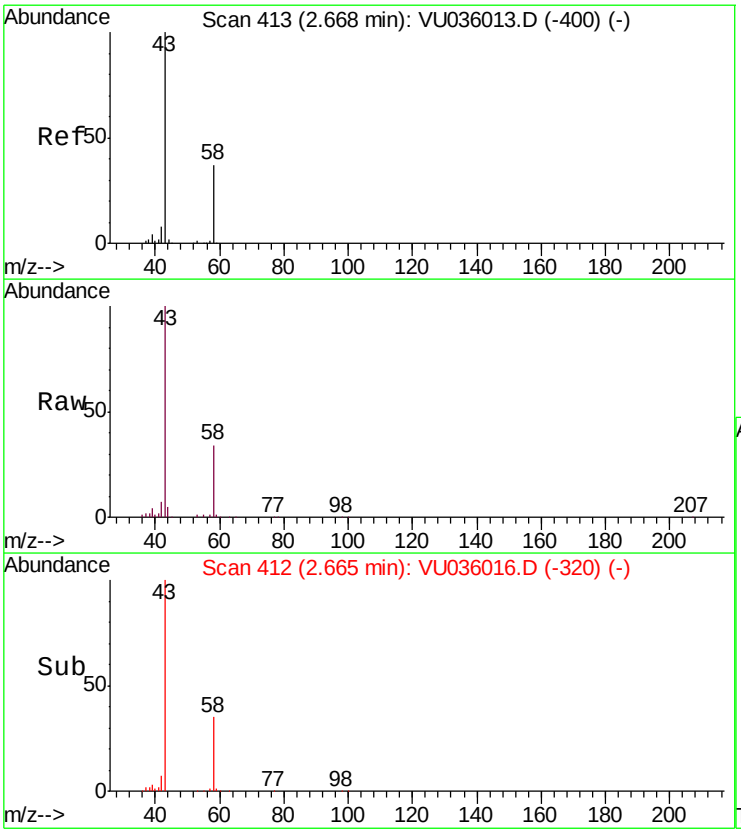
#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tgt Ion: 96 Resp: 1158

Ion	Ratio	Lower	Upper
96	100		
61	916.8	127.1	236.1#
63	8932.7	86.0	159.8#

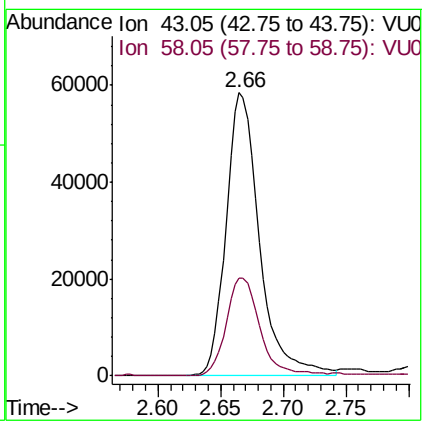


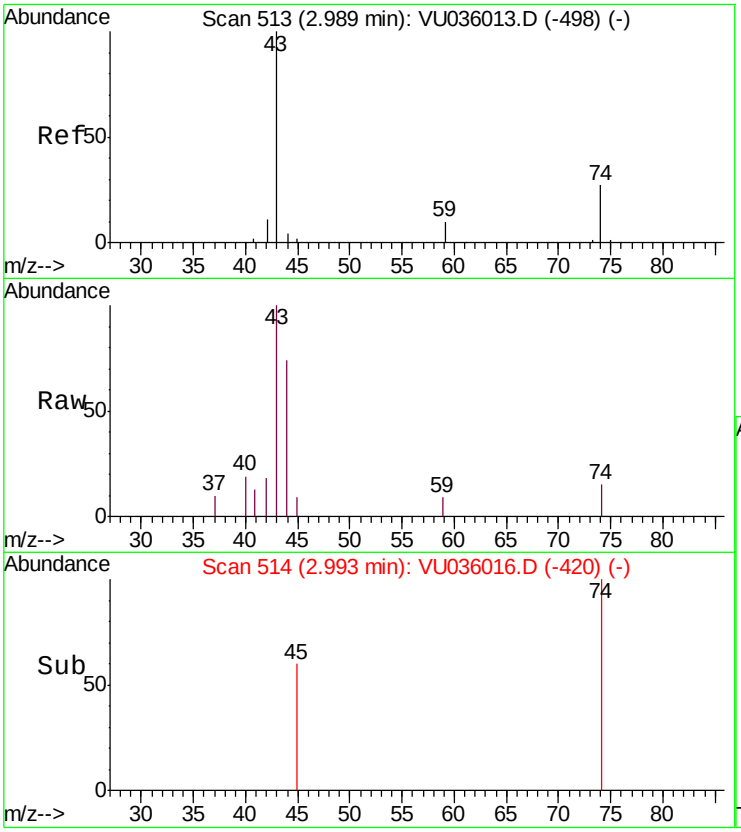


#13
Acetone
Concen: 22.384 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 43 Resp: 108342

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	68.6



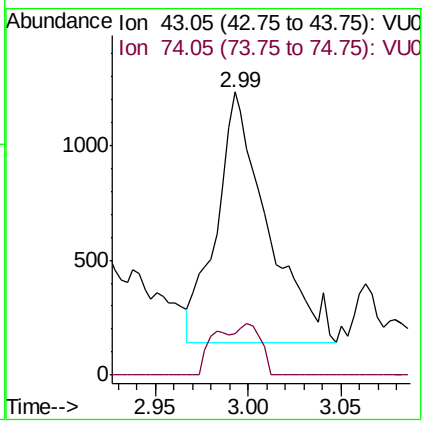


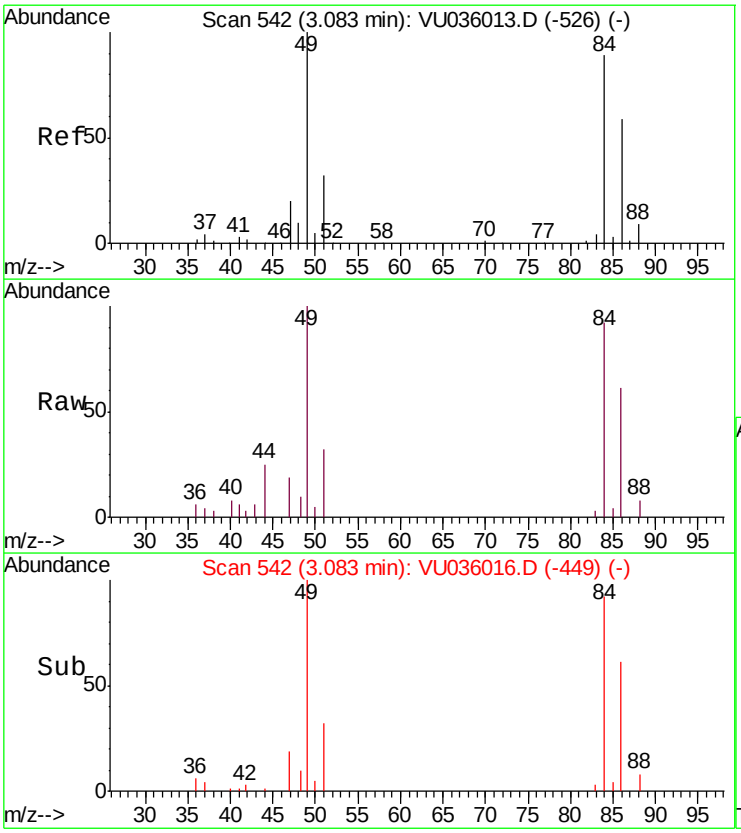
#15
Methyl Acetate
Concen: 0.240 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument : MSVOA_U
ClientSampleId : BFQX3

Tgt Ion: 43 Resp: 2083

Ion	Ratio	Lower	Upper
43	100		
74	10.4	20.0	30.0#

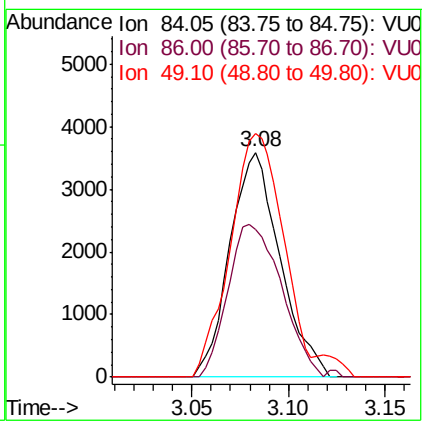


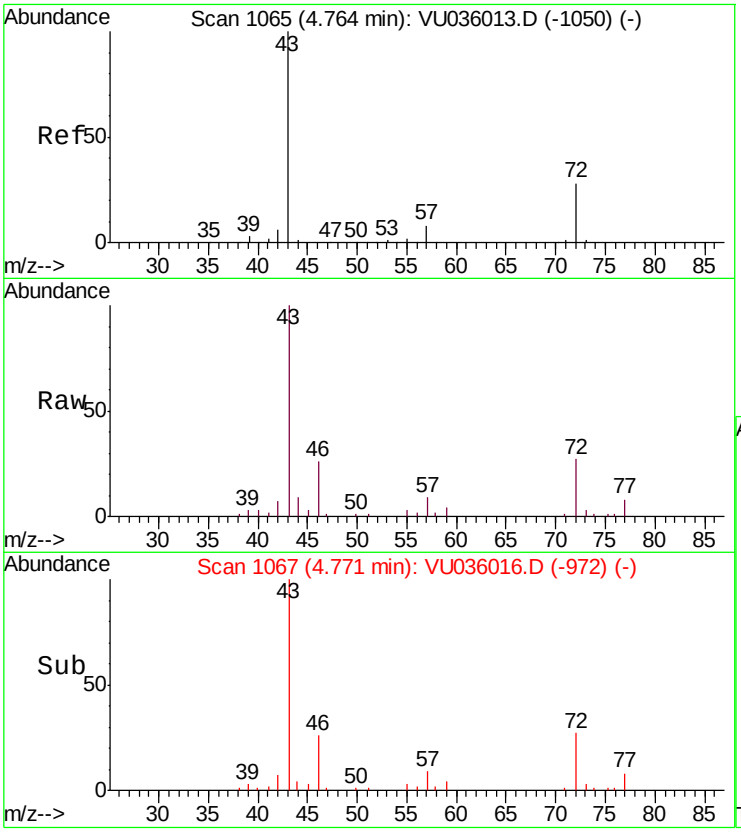


#16
Methylene chloride
Concen: 0.220 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 84 Resp: 6476

Ion	Ratio	Lower	Upper
84	100		
86	65.9	44.7	82.9
49	108.2	86.2	160.2



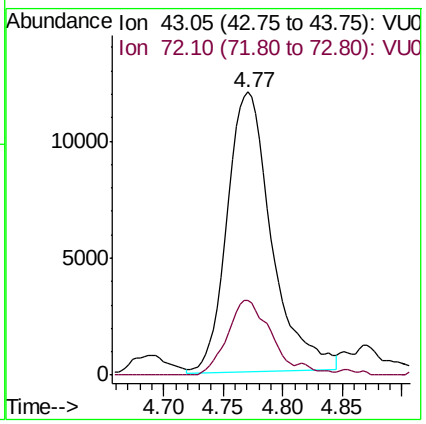


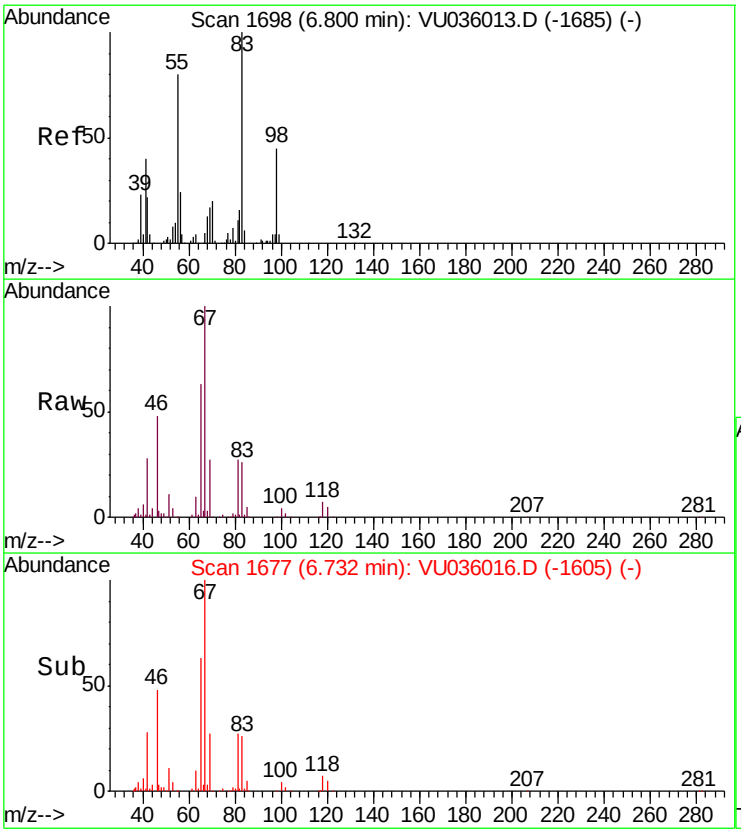
#21
2-Butanone
Concen: 5.001 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tgt Ion: 43 Resp: 31075

Ion	Ratio	Lower	Upper
43	100		
72	25.4	12.6	37.8

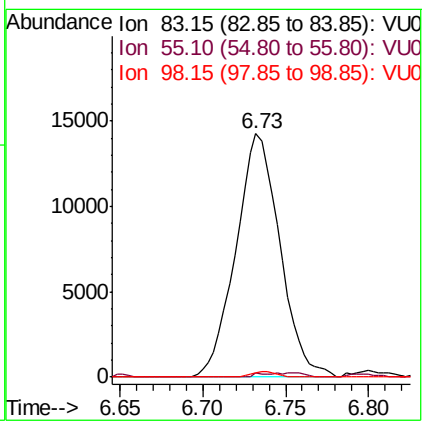


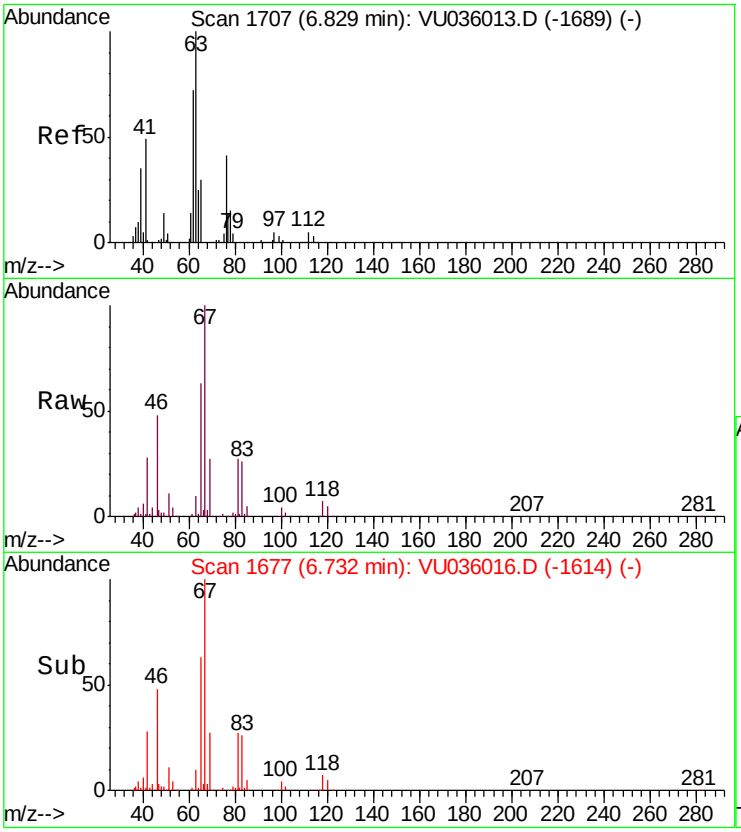


#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 83 Resp: 26286

Ion	Ratio	Lower	Upper
83	100		
55	1.6	67.4	101.0#
98	1.3	34.6	52.0#



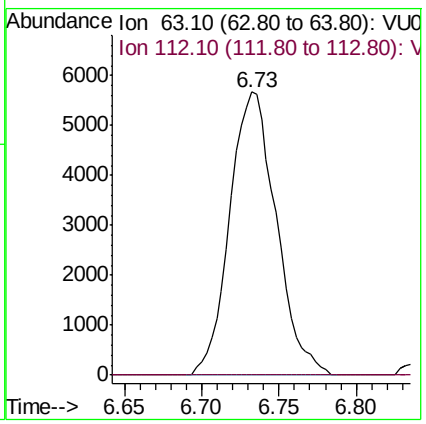


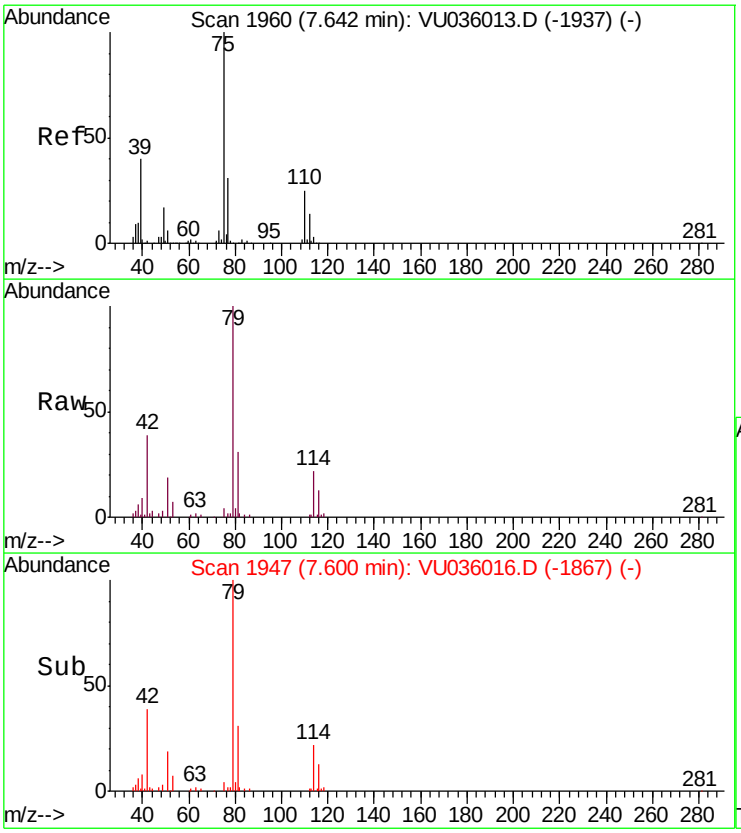
#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tgt Ion: 63 Resp: 11821

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

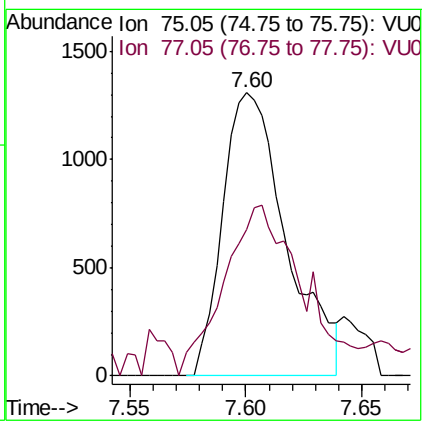


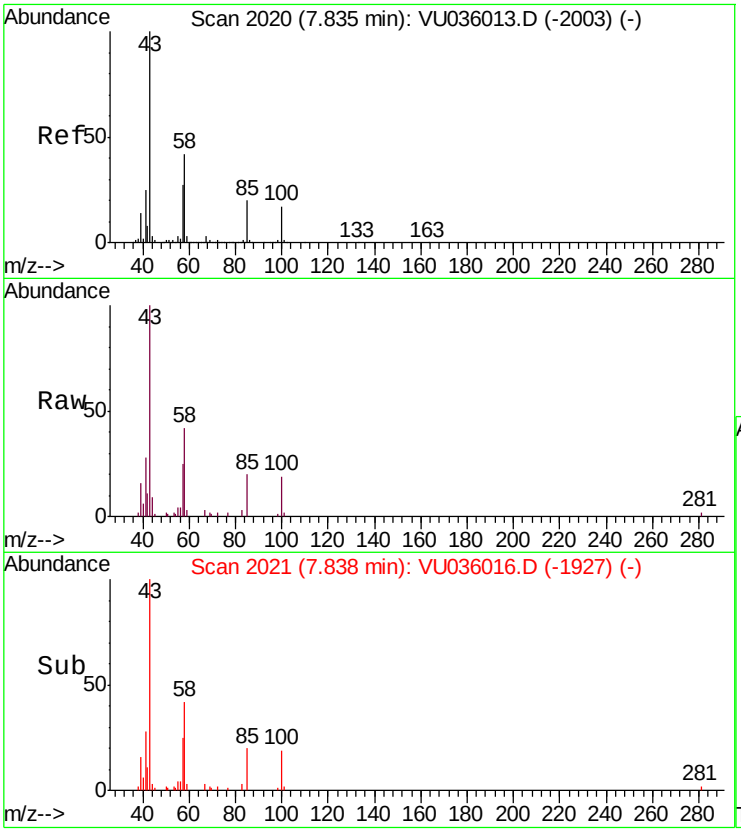


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 75 Resp: 2496

Ion	Ratio	Lower	Upper
75	100		
77	51.8	21.9	40.7#



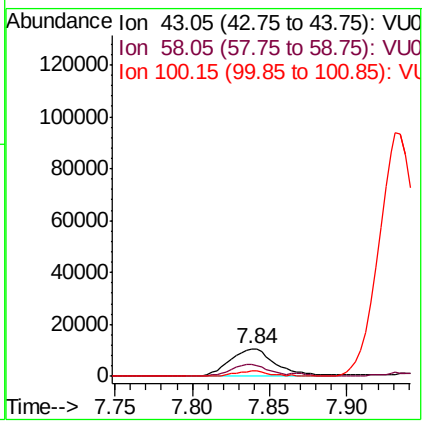


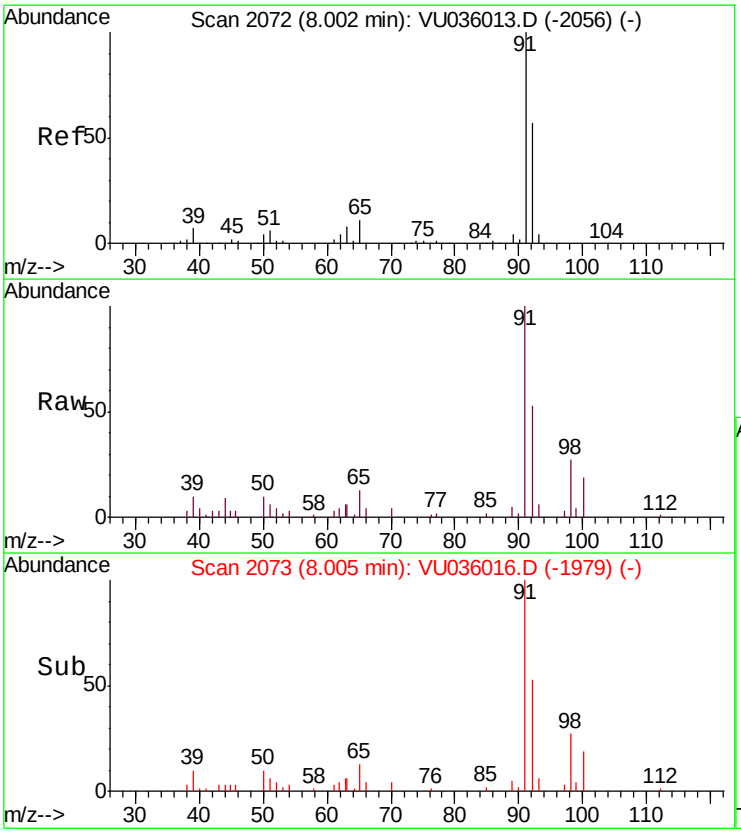
#40
4-Methyl-2-pentanone
Concen: 1.559 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tgt Ion: 43 Resp: 22023

Ion	Ratio	Lower	Upper
43	100		
58	35.4	32.3	48.5
100	0.0	11.7	17.5#

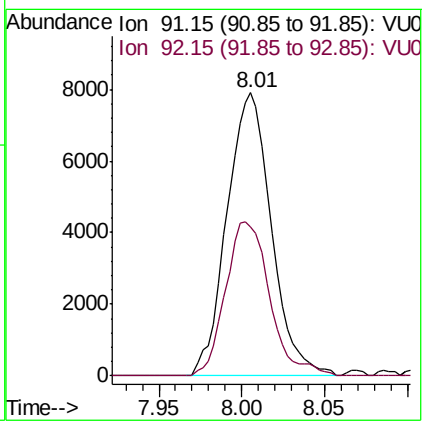


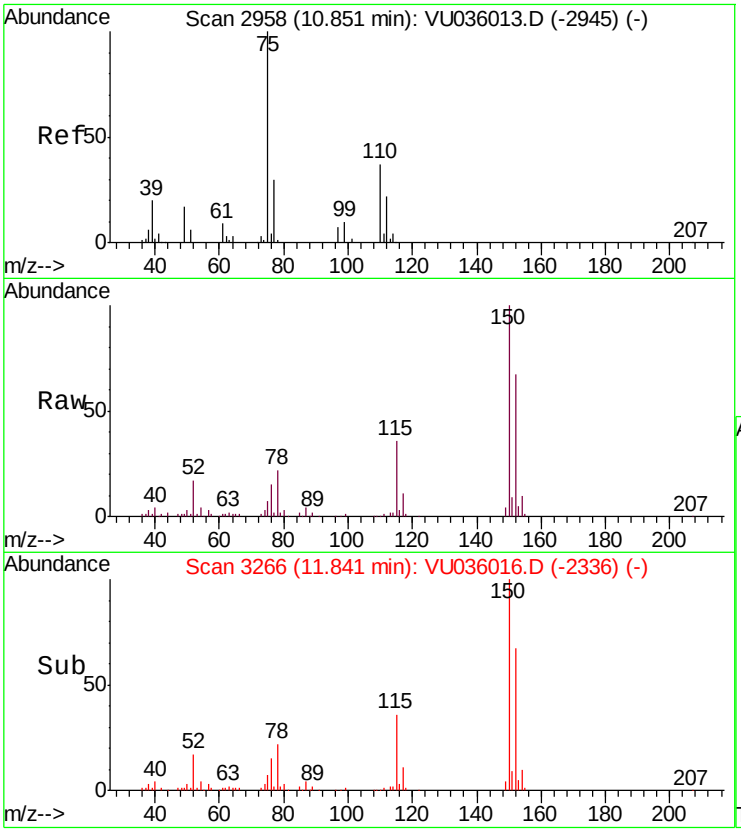


#42
Toluene
Concen: 0.159 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 91 Resp: 14712

Ion	Ratio	Lower	Upper
91	100		
92	52.7	39.8	74.0





#59
1,2,3-Trichloropropane
Concen: 0.601 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tgt Ion: 75 Resp: 9396

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.6	39.8