Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\

Quantitation Report (Not Reviewed)

Data File : VU036232.D
Acq On : 16 Dec 2019 14:29
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK20

Quant Time: Dec 17 01:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	102890	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	89477	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	1.93	69	83939	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.59	63	93258	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	4.70	46	185442	46.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.00%			
24) Chloroform-d	5.11	84	153723	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.75	65	82513	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.77	84	282023	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.73	67	94304	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	7.93	98	226671	3.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.60%			
43) trans-1,3-Dichloropropene-	8.21	79	35190	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.68	63	140762	42.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.28%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88093	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	90986	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
13) Acetone	2.68	43	18684	5.375	ug/L	96
16) Methylene chloride	3.09	84	4466	0.169	ug/L	95
21) 2-Butanone	4.77	43	6477	1.394	ug/L	75
35) Methylcyclohexane	6.73	83	22416	0.742	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10098	0.480	ug/L #	85
47) Tetrachloroethene	8.58	164	3592	0.187	ug/L	97
48) 2-Hexanone	8.73	43	7581	0.924	ug/L #	74
49) Dibromochloromethane	8.58	129	3344	0.172	ug/L #	12
55) Styrene	10.14	104	4297	0.074	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	10820	0.774	ug/L	93

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

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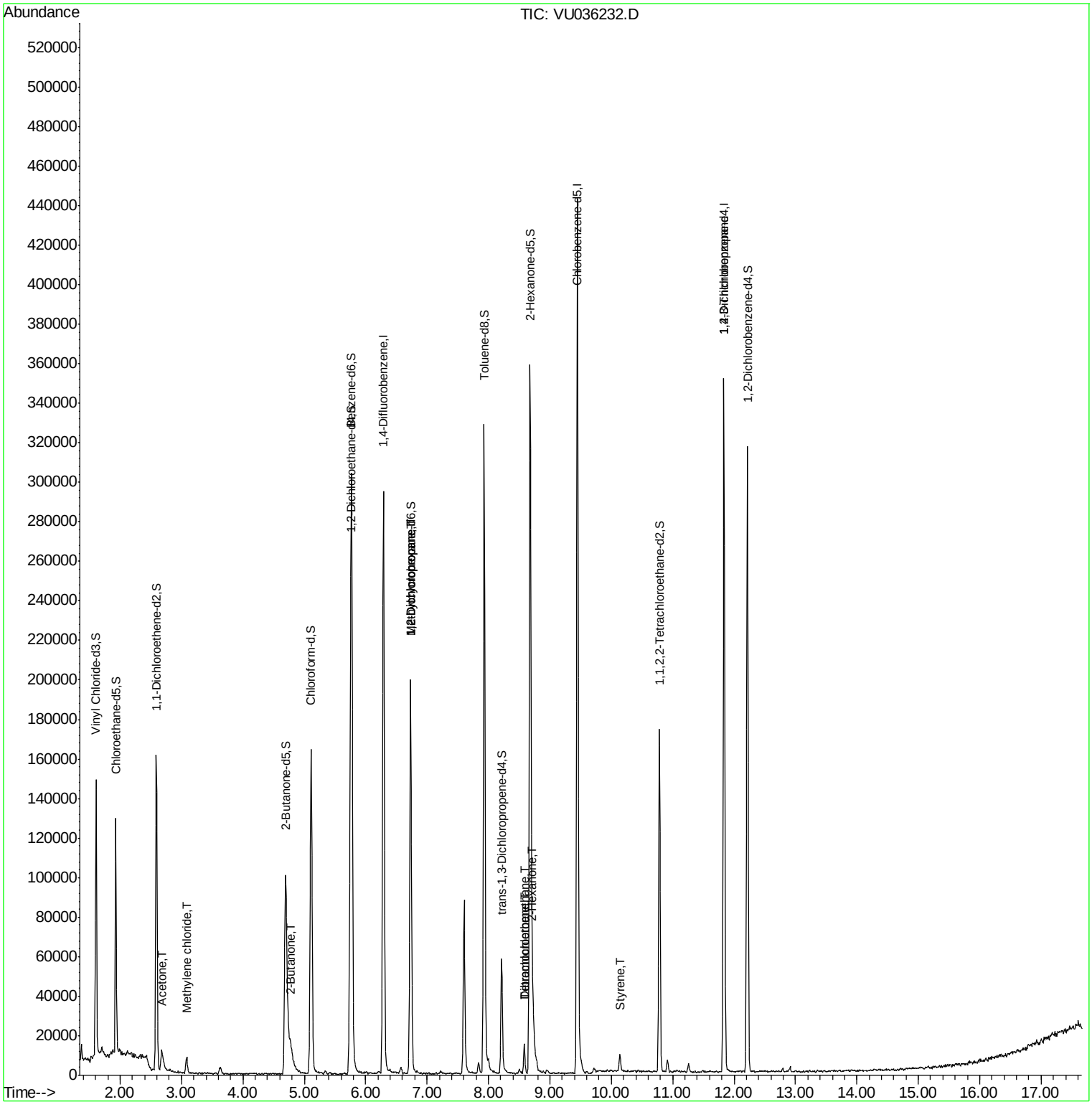
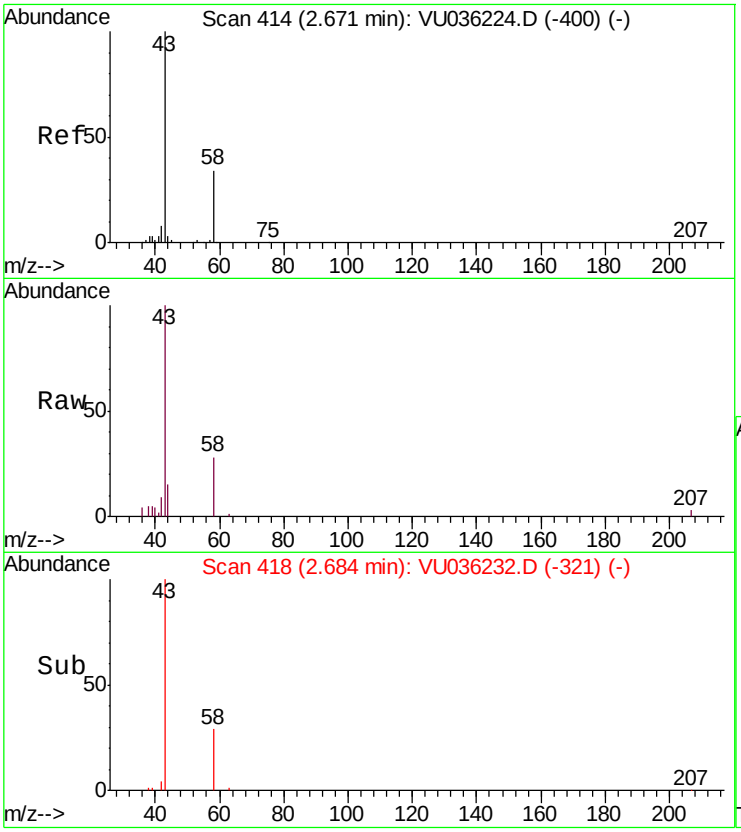
ClientSampleId : VIBLK20

Quant Time: Dec 17 01:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration



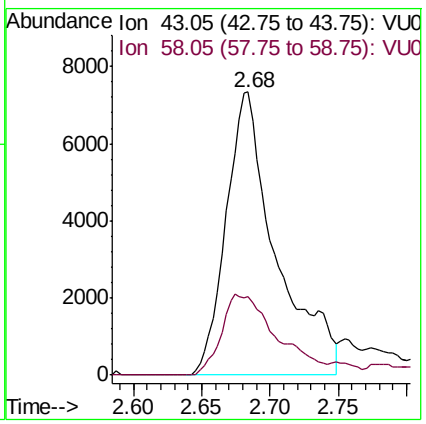


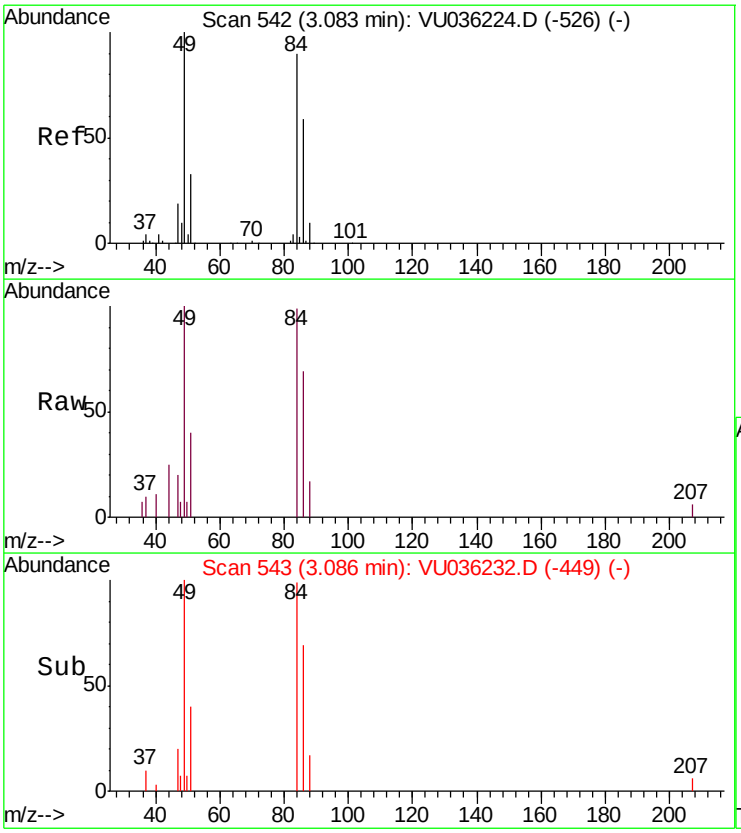
#13
Acetone
Concen: 5.375 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Instrument :
MSVOA_U
ClientSampleId :
VIBLK20

Tgt Ion: 43 Resp: 18684

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	67.6

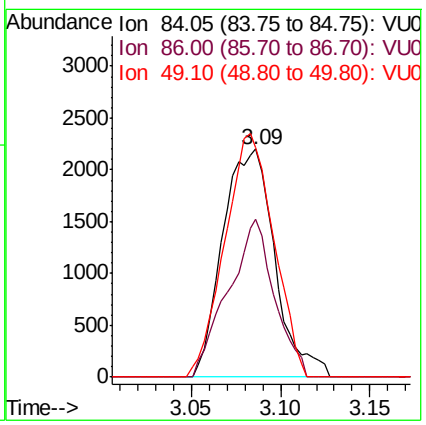


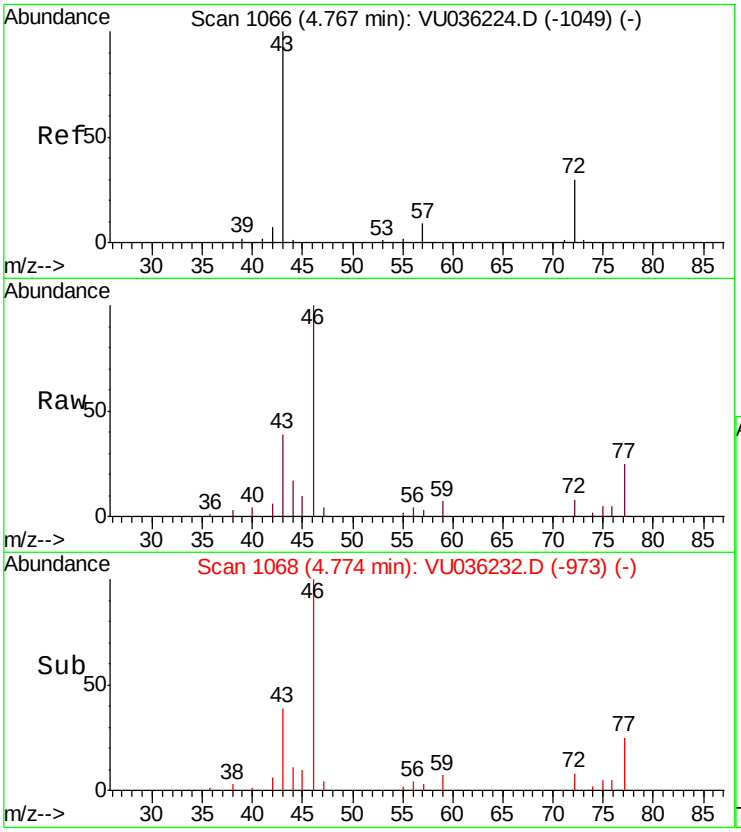


#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Tgt Ion: 84 Resp: 4466

Ion	Ratio	Lower	Upper
84	100		
86	69.3	43.0	79.8
49	107.7	77.3	143.5



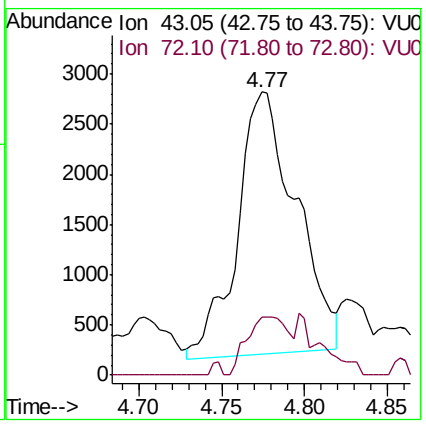


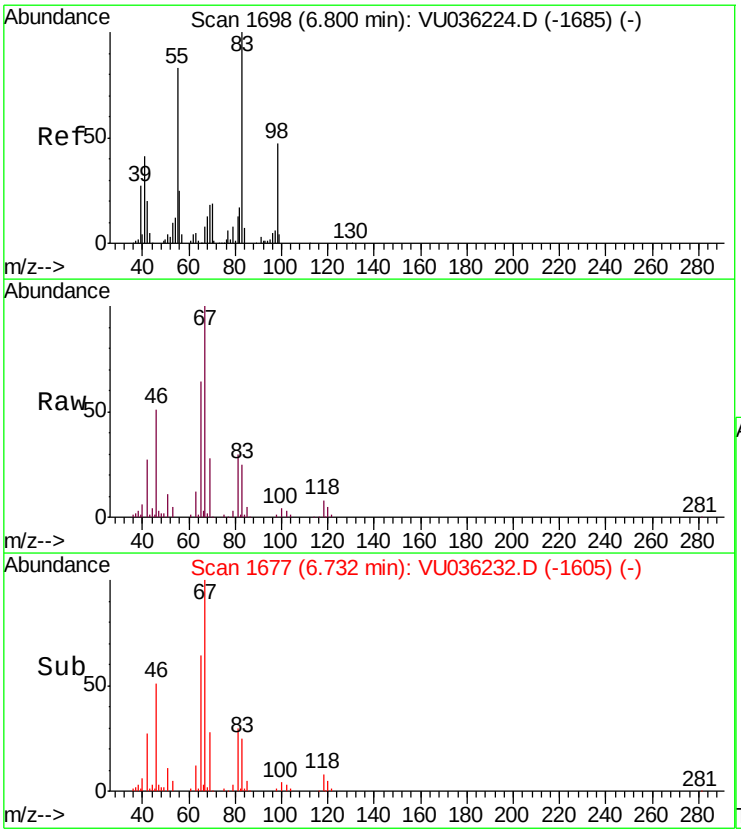
#21
2-Butanone
Concen: 1.394 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Instrument :
MSVOA_U
ClientSampleId :
VIBLK20

Tgt Ion: 43 Resp: 6477

Ion	Ratio	Lower	Upper
43	100		
72	15.7	14.4	43.4

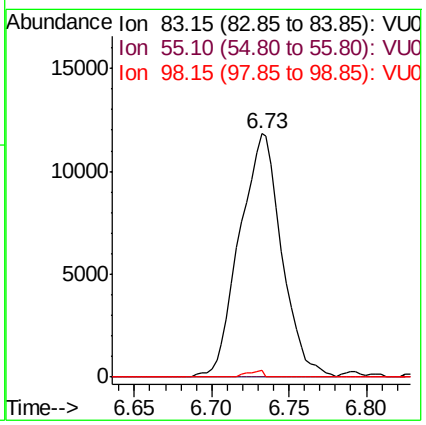


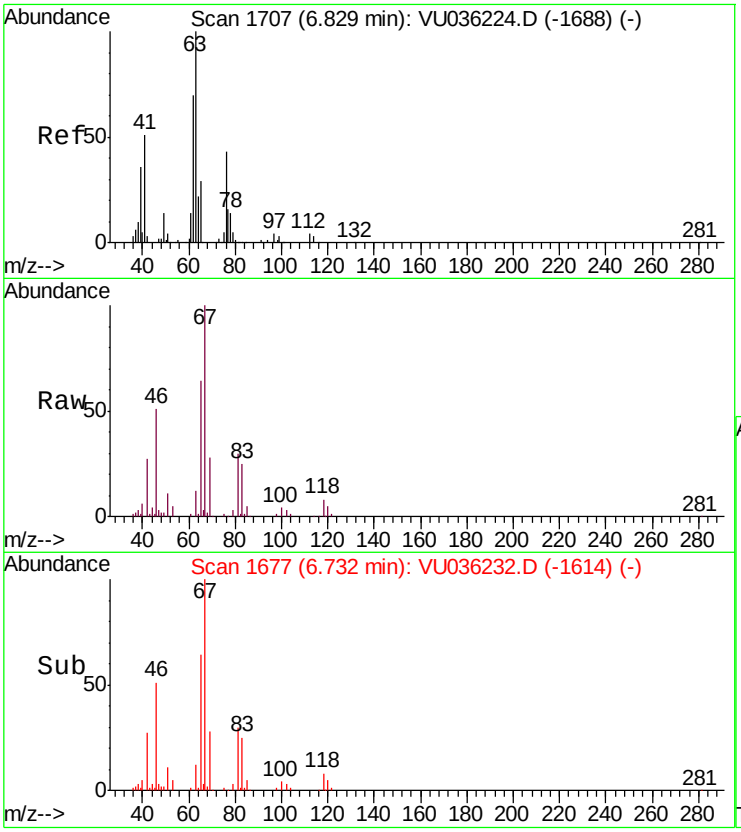


#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Tgt Ion: 83 Resp: 22416

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.0	36.2	54.2#



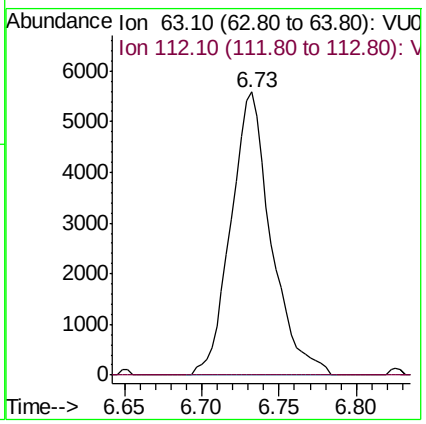


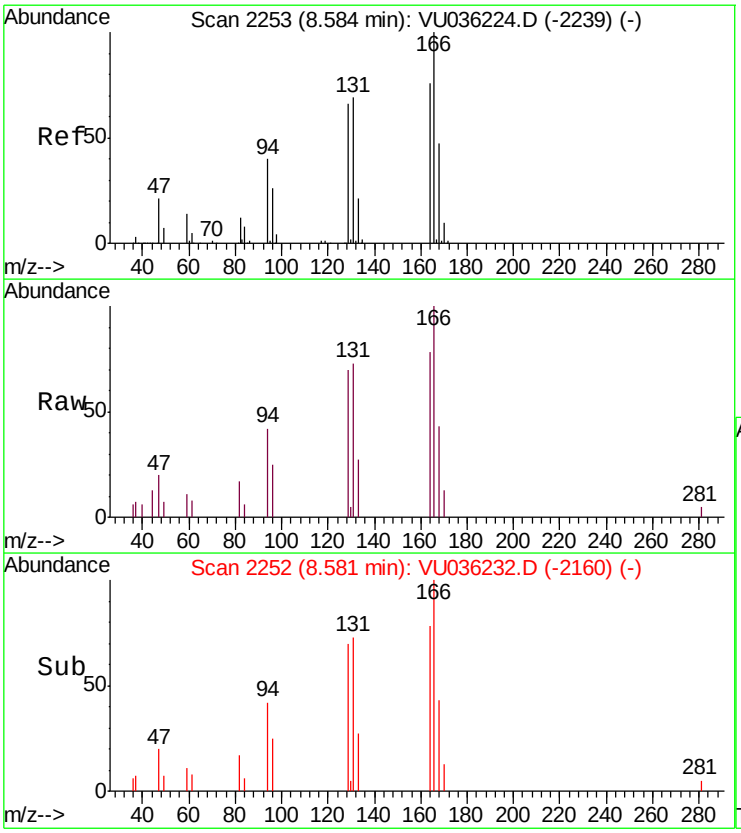
#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Instrument : MSVOA_U
ClientSampleId : VIBLK20

Tgt Ion: 63 Resp: 10098

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

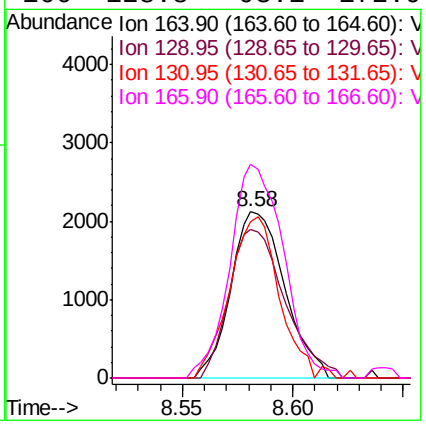


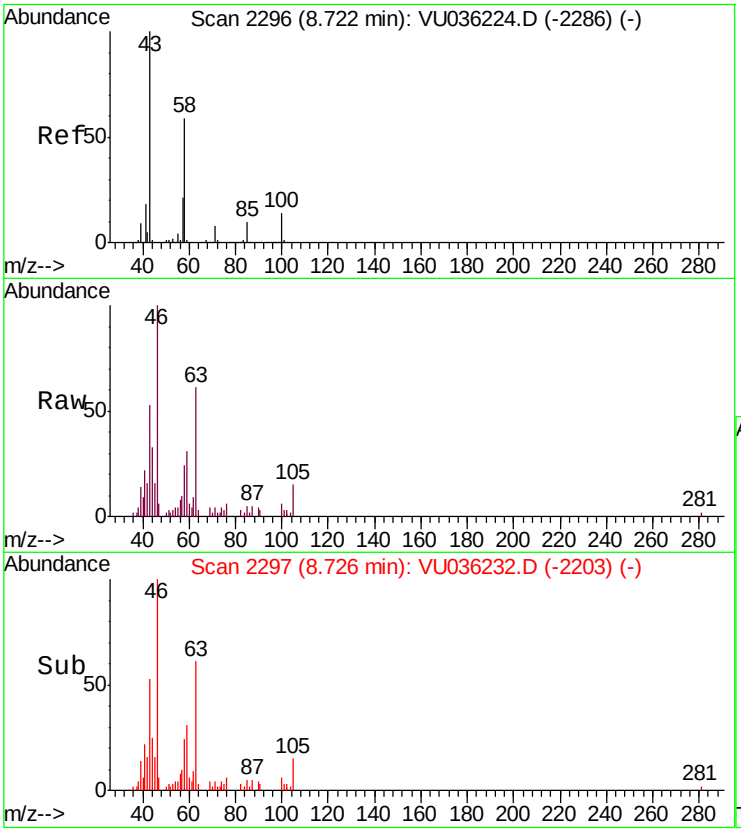


#47
Tetrachloroethene
Concen: 0.187 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Tgt Ion:164 Resp: 3592

Ion	Ratio	Lower	Upper
164	100		
129	89.6	64.2	119.2
131	93.9	66.6	123.8
166	128.8	93.1	172.9



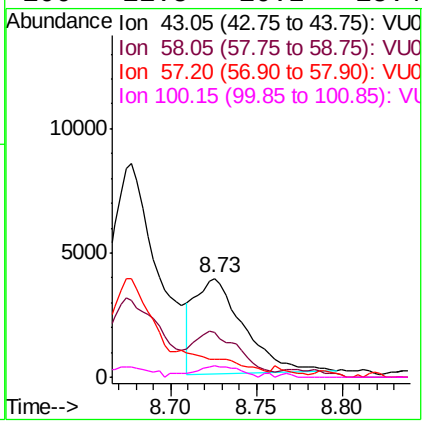


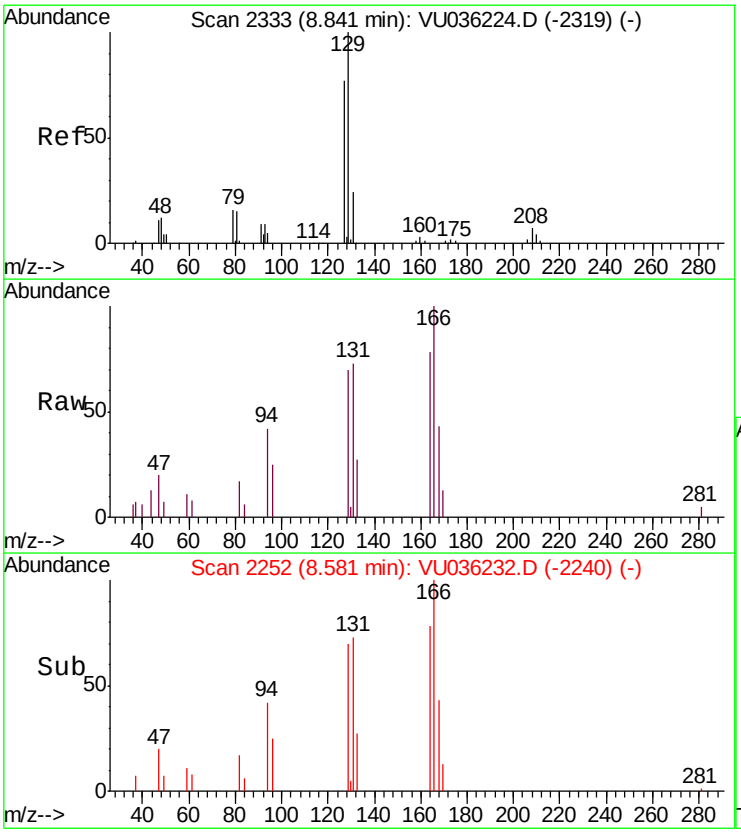
#48
2-Hexanone
Concen: 0.924 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Instrument : MSVOA_U
ClientSampleId : VIBLK20

Tgt Ion: 43 Resp: 7581

Ion	Ratio	Lower	Upper
43	100		
58	39.8	46.2	69.2#
57	0.0	16.2	24.4#
100	11.5	10.2	15.4

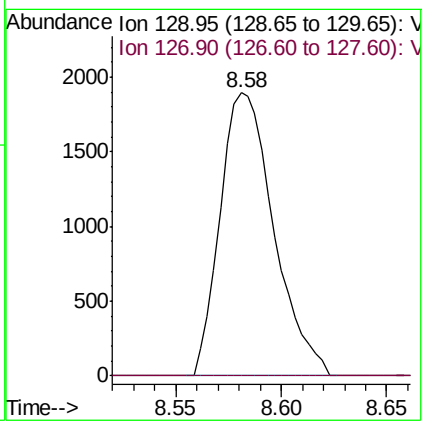


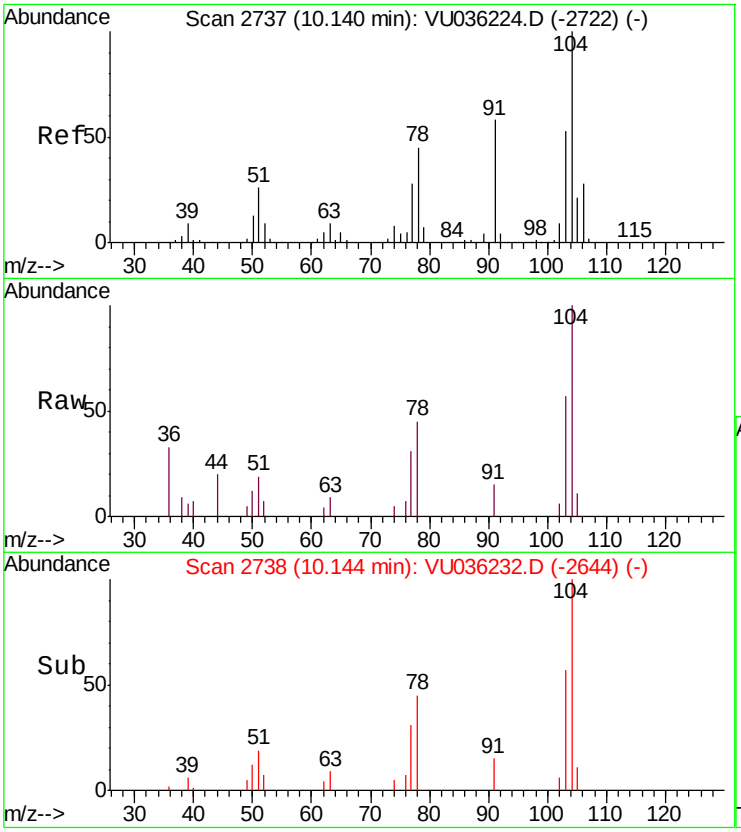


#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Tgt Ion:129 Resp: 3344

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#



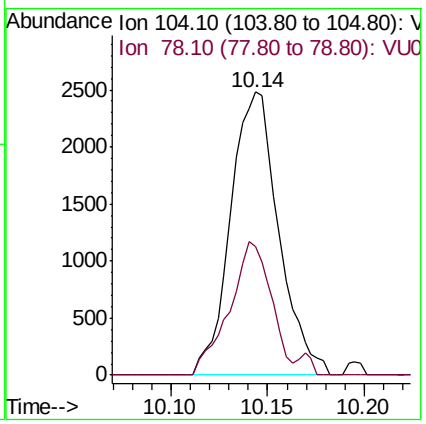


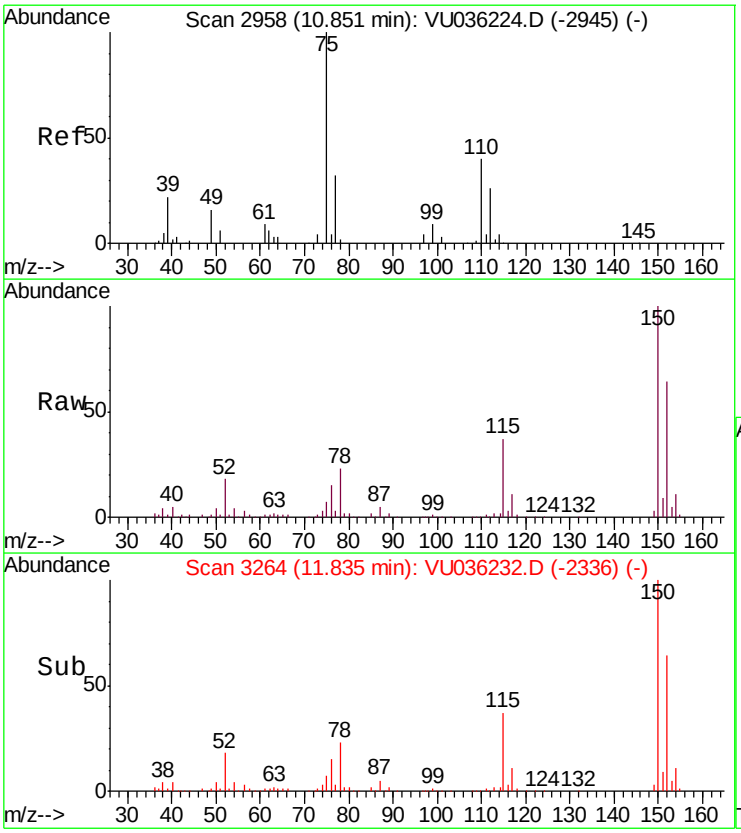
#55
Styrene
Concen: 0.074 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. 0.00 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Instrument :
MSVOA_U
ClientSampleId :
VIBLK20

Tgt Ion:104 Resp: 4297

Ion	Ratio	Lower	Upper
104	100		
78	45.3	32.1	59.5





#59
1,2,3-Trichloropropane
Concen: 0.774 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036232.D
Acq: 16 Dec 2019 14:29

Tgt Ion: 75 Resp: 10820

Ion	Ratio	Lower	Upper
75	100		
77	38.3	27.2	40.8