Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\

Quantitation Report (Not Reviewed)

Data File : VU032912.D
Acq On : 20 Jun 2019 20:02
Operator : JC/SP
Sample : K3413-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG3

Quant Time: Jun 21 07:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87818	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45725	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23283	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.68	69	20645	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.27	63	37595	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	4.19	46	100025	62.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.54%			
24) Chloroform-d	4.64	84	55129	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
26) 1,2-Dichloroethane-d4	5.31	65	33144	6.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.00%			
32) Benzene-d6	5.33	84	100497	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.32	67	34030	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.56	98	87324	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	7.85	79	13941	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.31	63	72406	50.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31152	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	39460	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
13) Acetone	2.32	43	5136	4.153	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	12236	0.750	ug/L #	92
21) 2-Butanone	4.39	43	89944	50.003	ug/L #	49
35) Methylcyclohexane	6.32	83	7782	0.651	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4007	0.600	ug/L #	89
47) Tetrachloroethene	8.22	164	25201	4.312	ug/L	97
49) Dibromochloromethane	8.22	129	23520	3.783	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5934	1.353	ug/L	94

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

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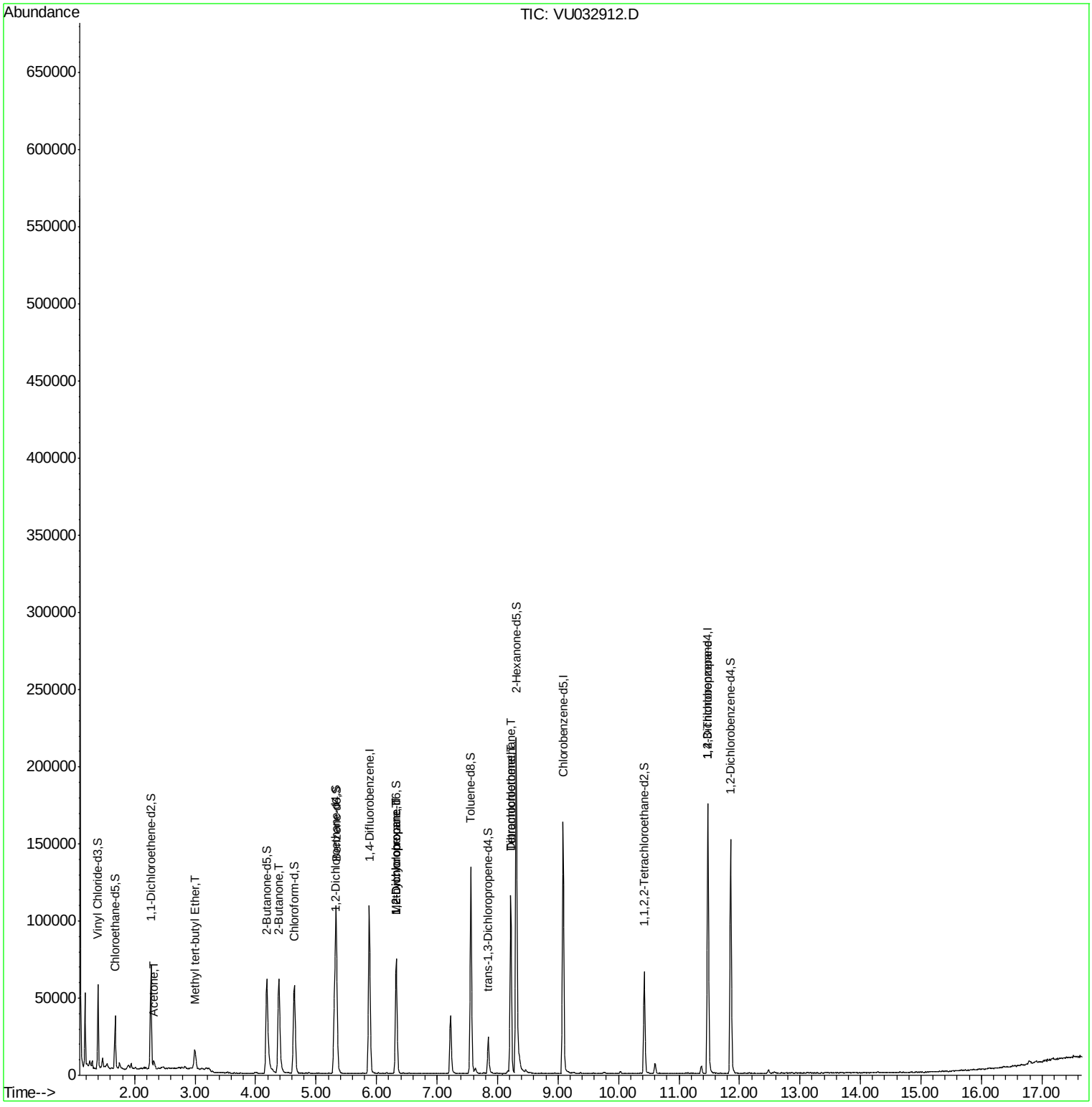
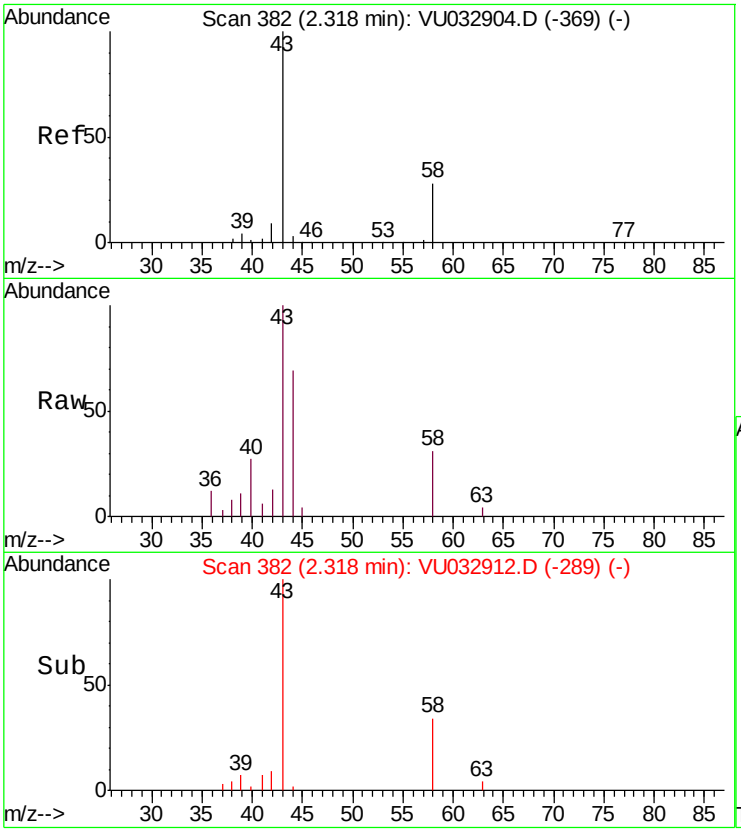


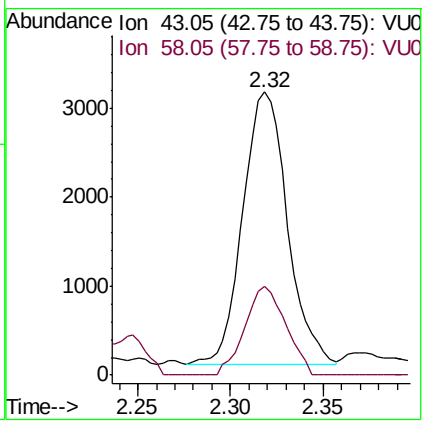


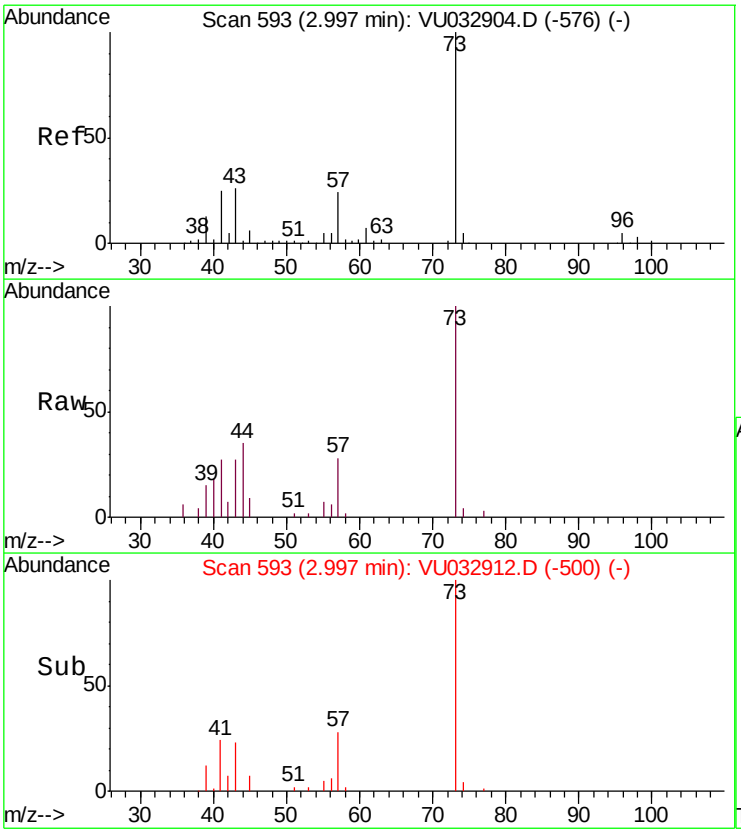
#13
Acetone
Concen: 4.153 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
GALG3

Tgt Ion: 43 Resp: 5136

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	60.8

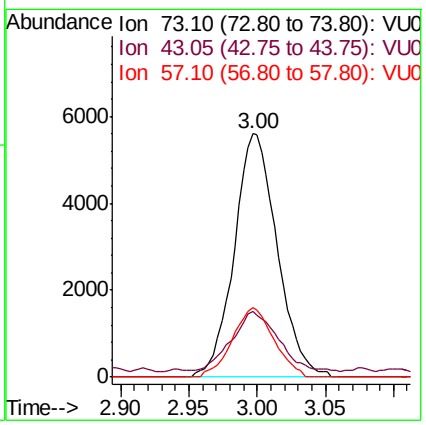


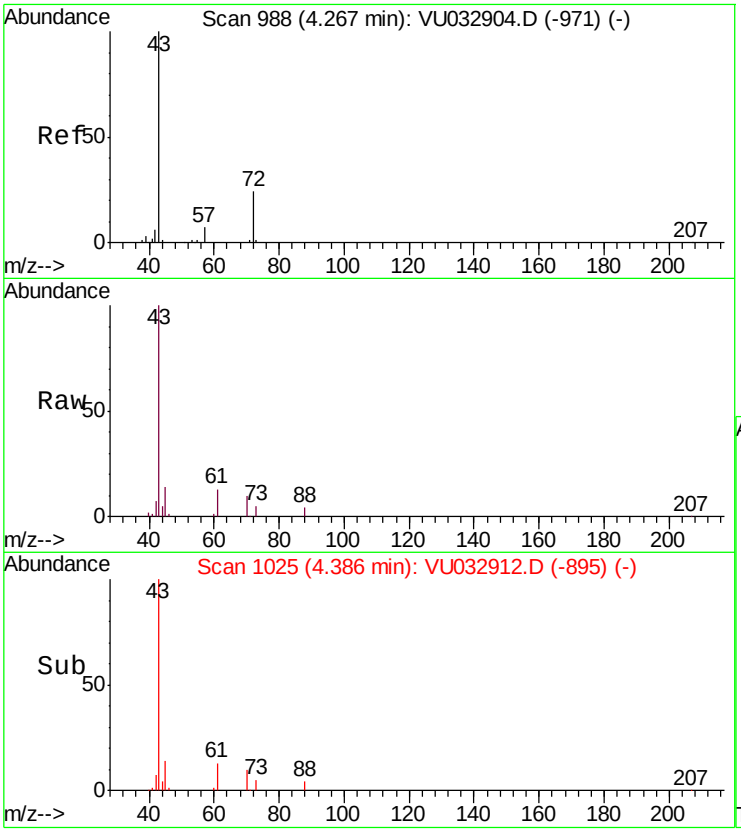


#17
Methyl tert-butyl Ether
Concen: 0.750 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Tgt Ion: 73 Resp: 12236

Ion	Ratio	Lower	Upper
73	100		
43	26.3	18.6	27.8
57	27.6	18.3	27.5#



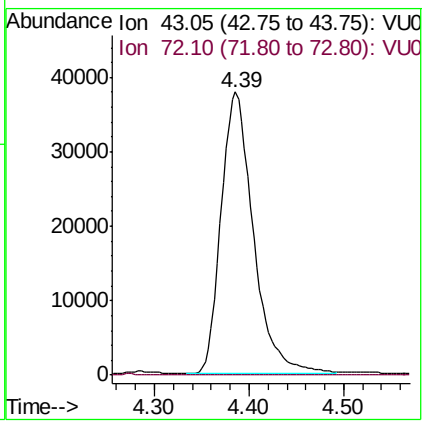


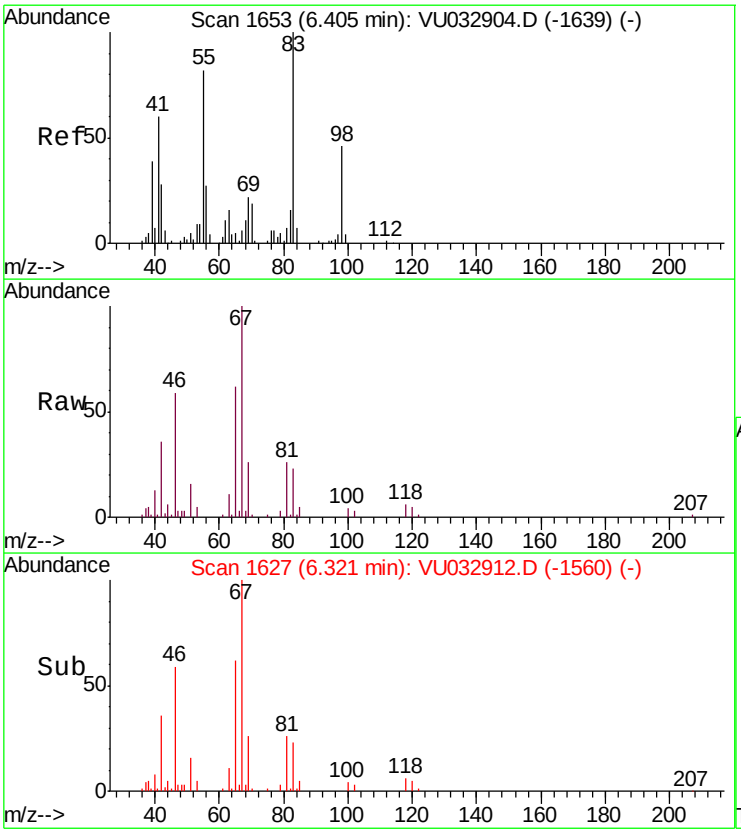
#21
2-Butanone
Concen: 50.003 ug/L
RT: 4.39 min Scan# 1025
Delta R.T. 0.12 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Instrument : MSVOA_U
ClientSampleId : GALG3

Tgt Ion: 43 Resp: 89944

Ion	Ratio	Lower	Upper
43	100		
72	0.2	13.1	39.3#

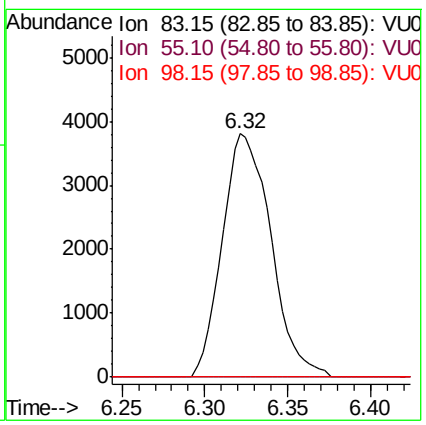


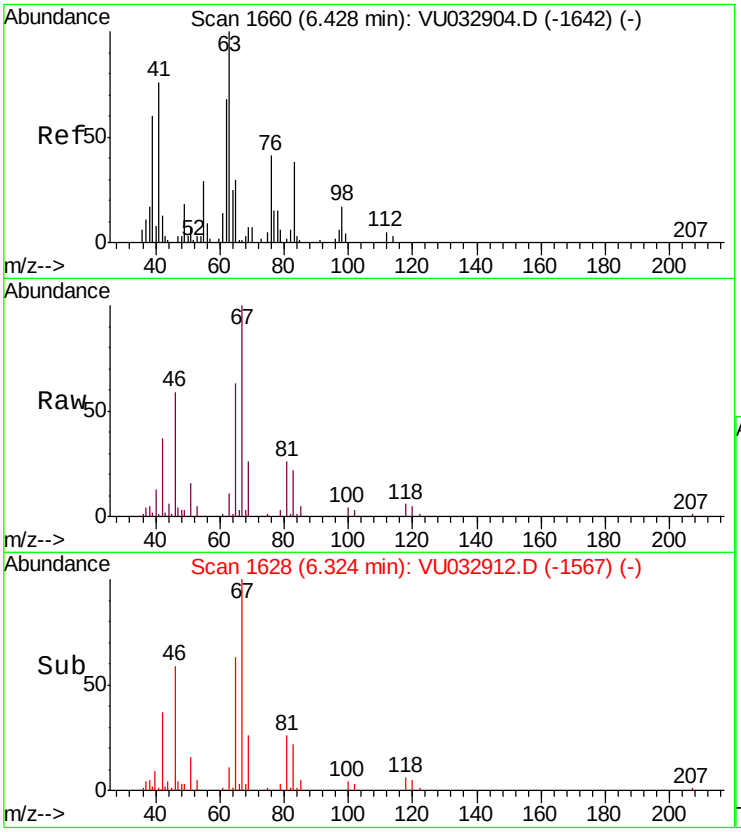


#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.08 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Tgt Ion: 83 Resp: 7782

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	1.3	37.8	56.8#



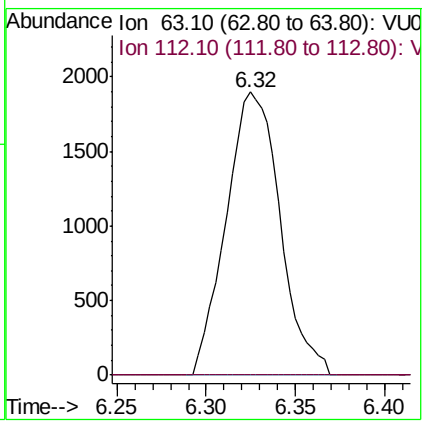


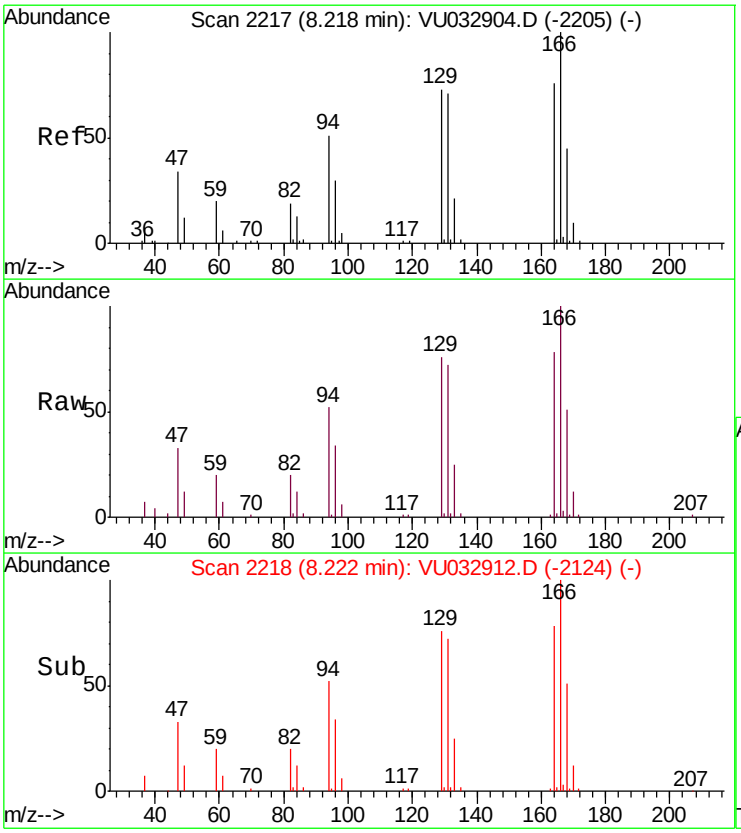
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Instrument : MSVOA_U
ClientSampleId : GALG3

Tgt Ion: 63 Resp: 4007

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

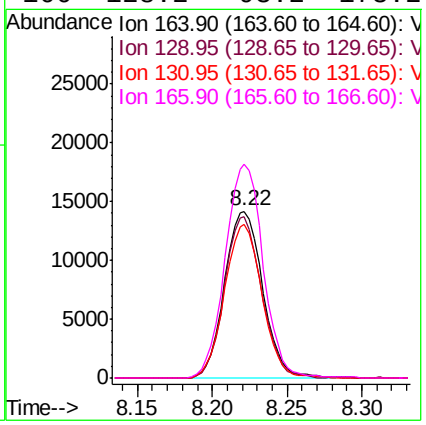


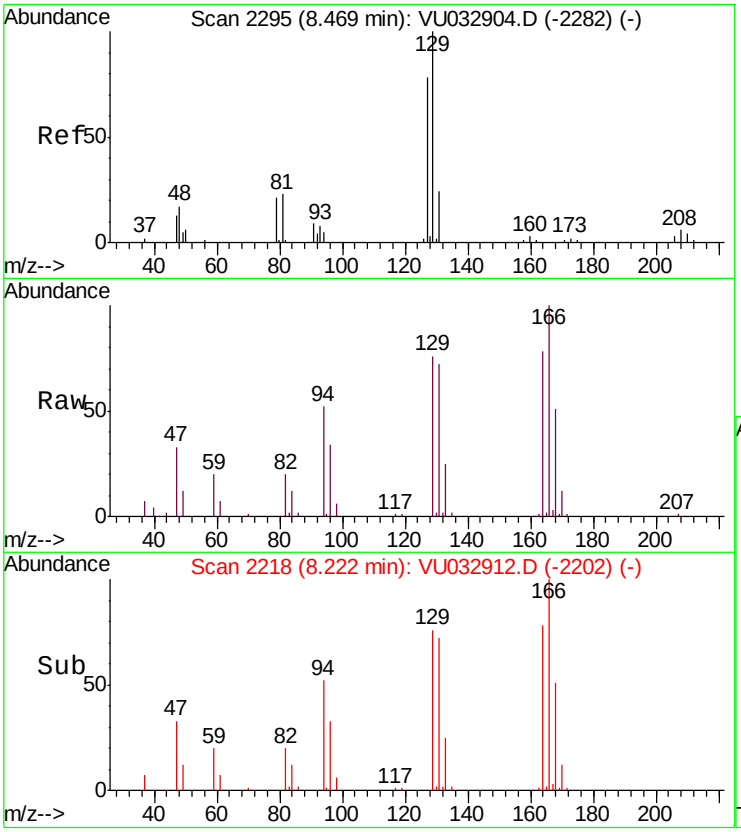


#47
Tetrachloroethene
Concen: 4.312 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Tgt Ion:164 Resp: 25201

Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.1	122.7
131	92.2	65.6	121.8
166	128.2	93.2	173.2



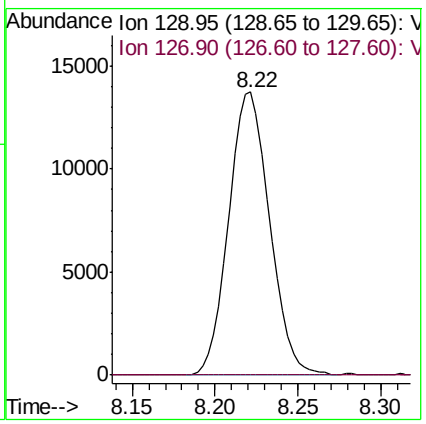


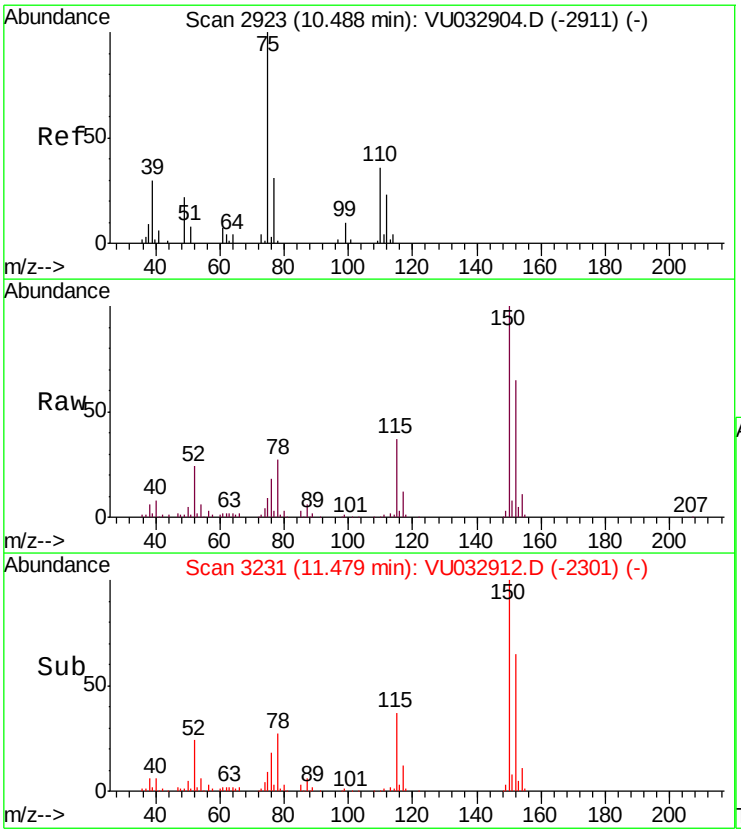
#49
Dibromochloromethane
Concen: 3.783 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
GALG3

Tgt Ion:129 Resp: 23520

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 1.353 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Tgt Ion: 75 Resp: 5934

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.3	37.9