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

Quantitation Report (Not Reviewed)

Data File : VU032914.D
Acq On : 20 Jun 2019 20:51
Operator : JC/SP
Sample : K3413-13DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG1DL

Quant Time: Jun 21 07:41:07 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	83842	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41634	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	20110	3.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.80%			
7) Chloroethane-d5	1.68	69	18804	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.80%			
11) 1,1-Dichloroethene-d2	2.27	63	34675	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.19	46	92918	61.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.16%			
24) Chloroform-d	4.64	84	49309	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.30	65	30101	5.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.00%			
32) Benzene-d6	5.33	84	91341	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.32	67	31238	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.56	98	80848	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	12058	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.31	63	66651	48.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29132	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	36139	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
13) Acetone	2.32	43	1510	1.279	ug/L	99
21) 2-Butanone	4.39	43	44181	25.727	ug/L #	49
35) Methylcyclohexane	6.32	83	7141	0.620	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3717	0.577	ug/L #	89
47) Tetrachloroethene	8.22	164	23163	4.109	ug/L	97
48) 2-Hexanone	8.36	43	3761	1.148	ug/L #	80
49) Dibromochloromethane	8.22	129	22881	3.816	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5411	1.279	ug/L #	88

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

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Instrument :
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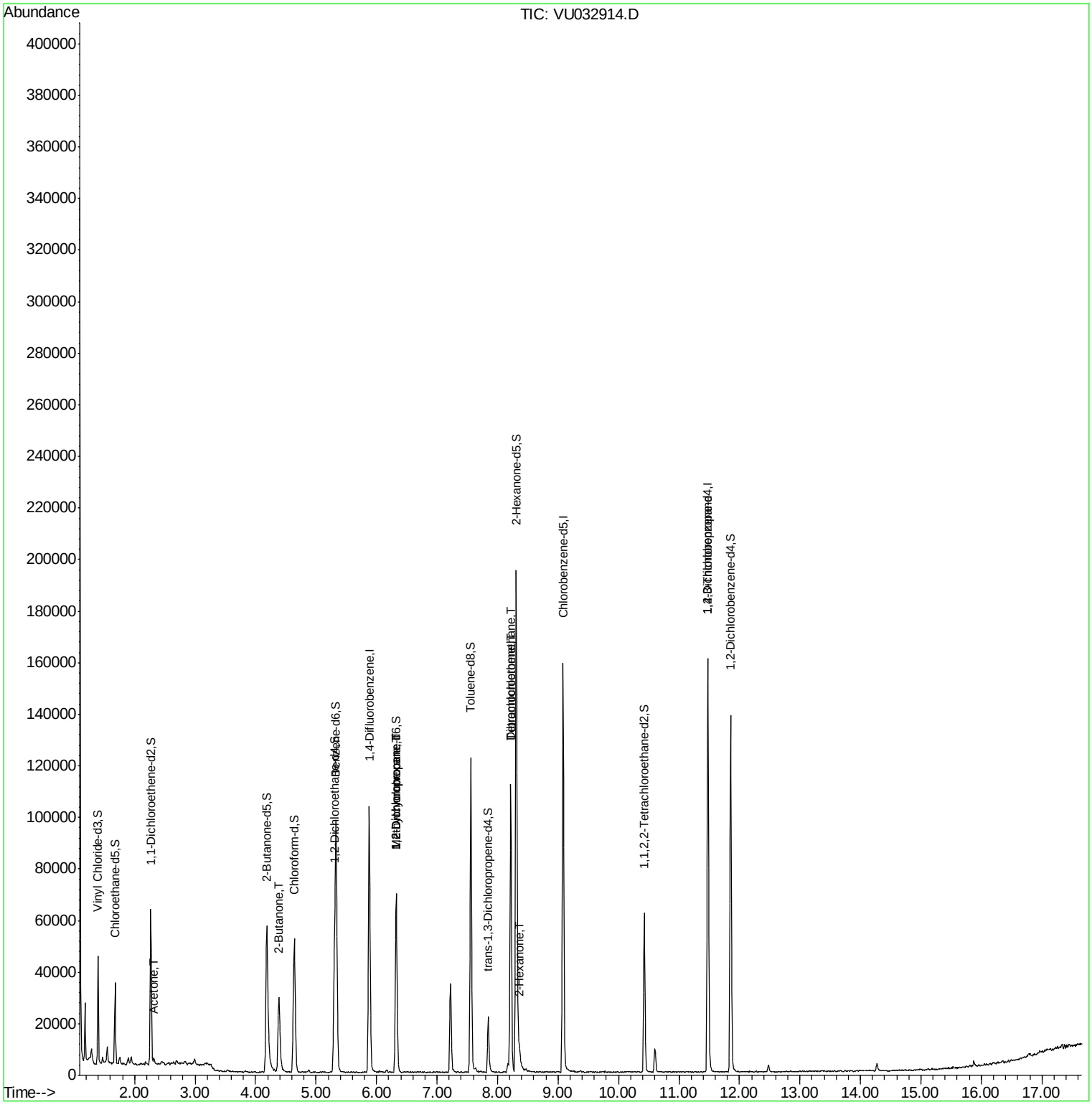
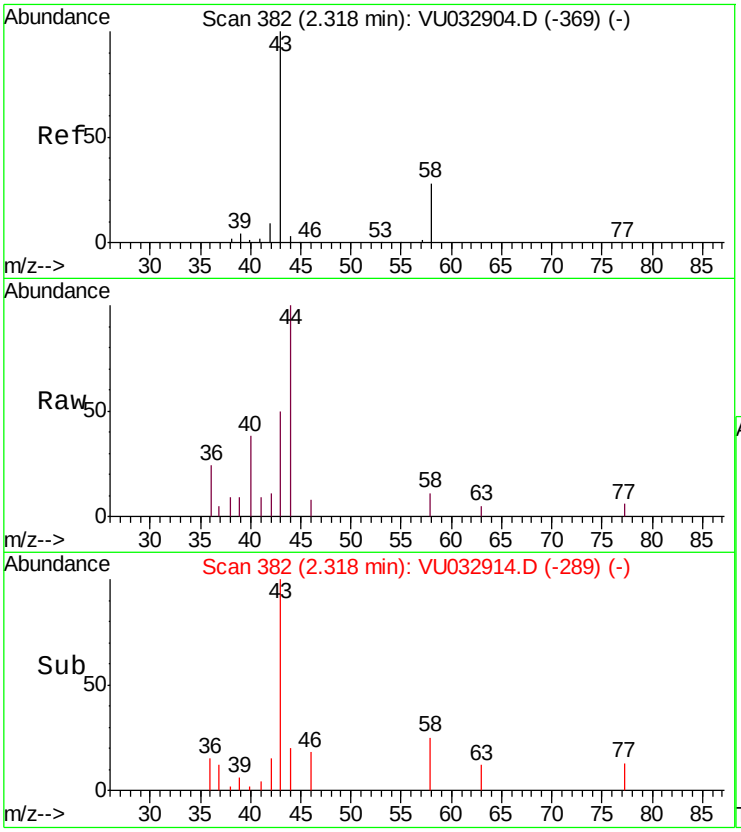
ClientSampleId :
GALG1DL

Quant Time: Jun 21 07:41:07 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



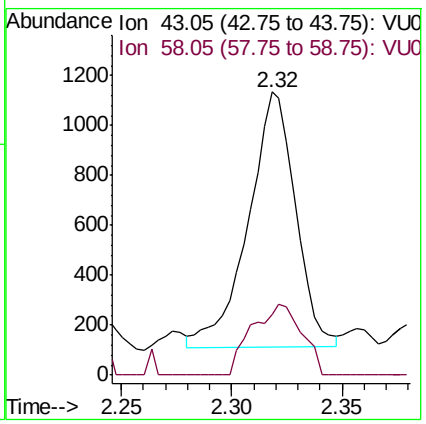


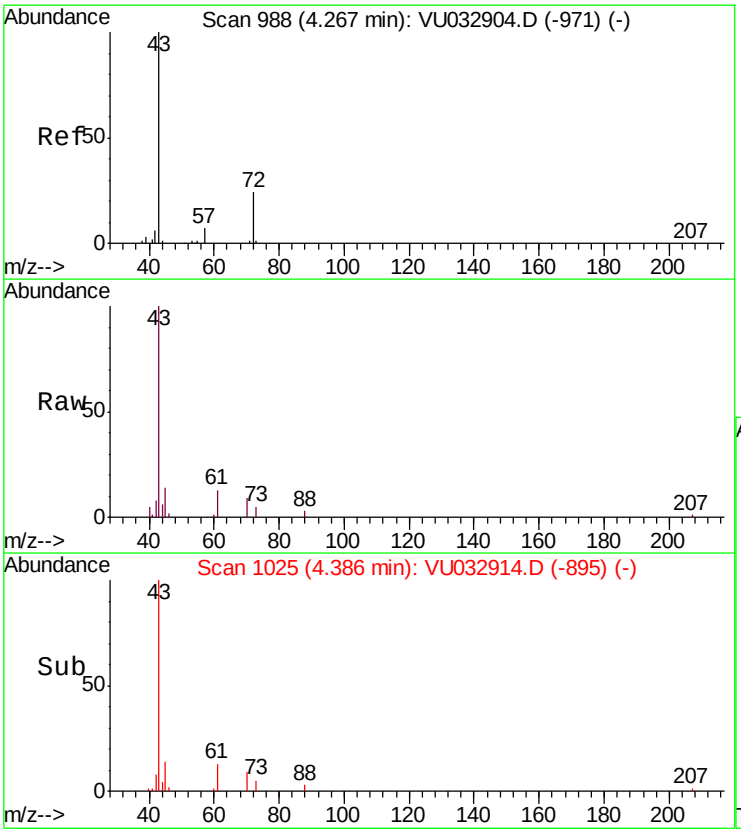
#13
Acetone
Concen: 1.279 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
GALG1DL

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	60.8

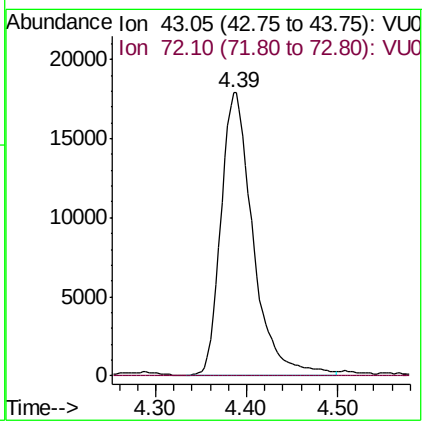


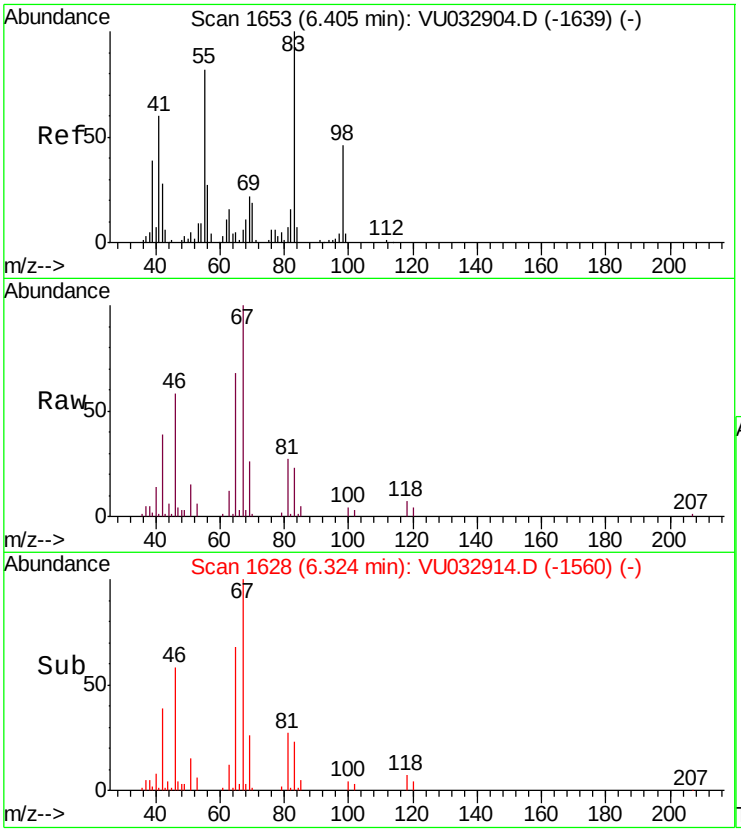


#21
2-Butanone
Concen: 25.727 ug/L
RT: 4.39 min Scan# 1025
Delta R.T. 0.12 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 43 Resp: 44181

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.1	39.3#



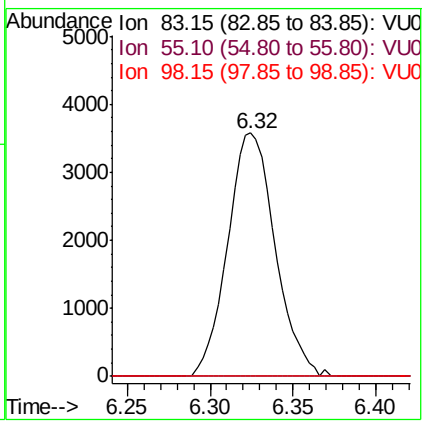


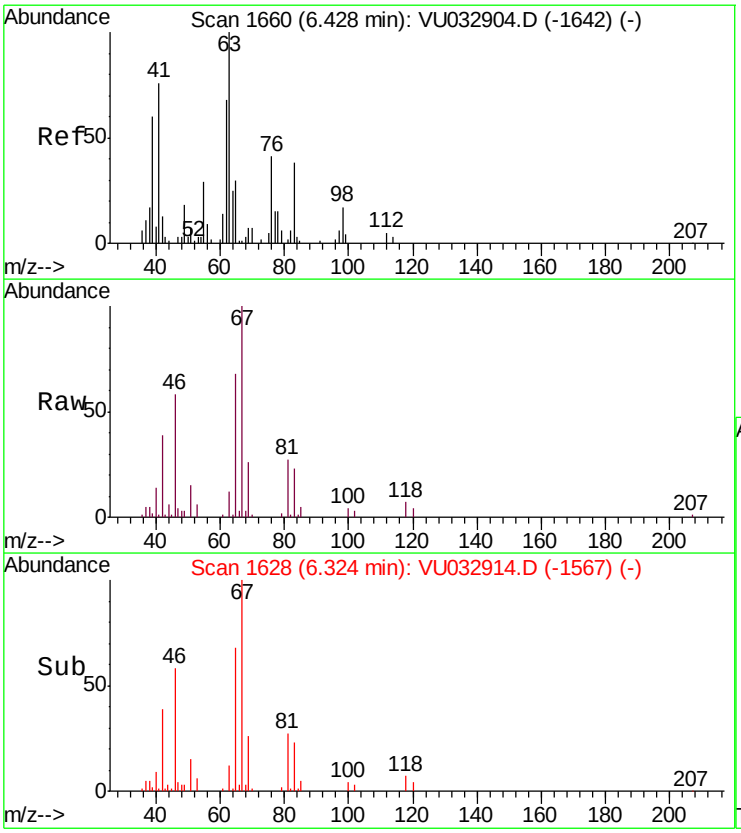
#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
GALG1DL

Tgt Ion: 83 Resp: 7141

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.3	37.8	56.8#

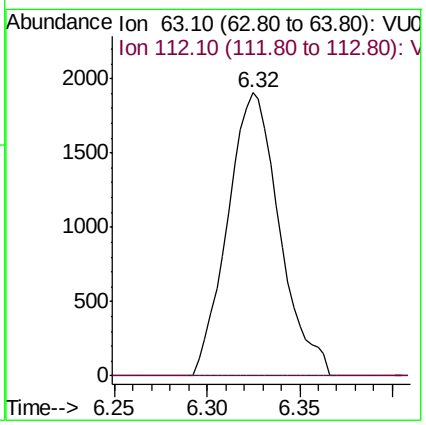


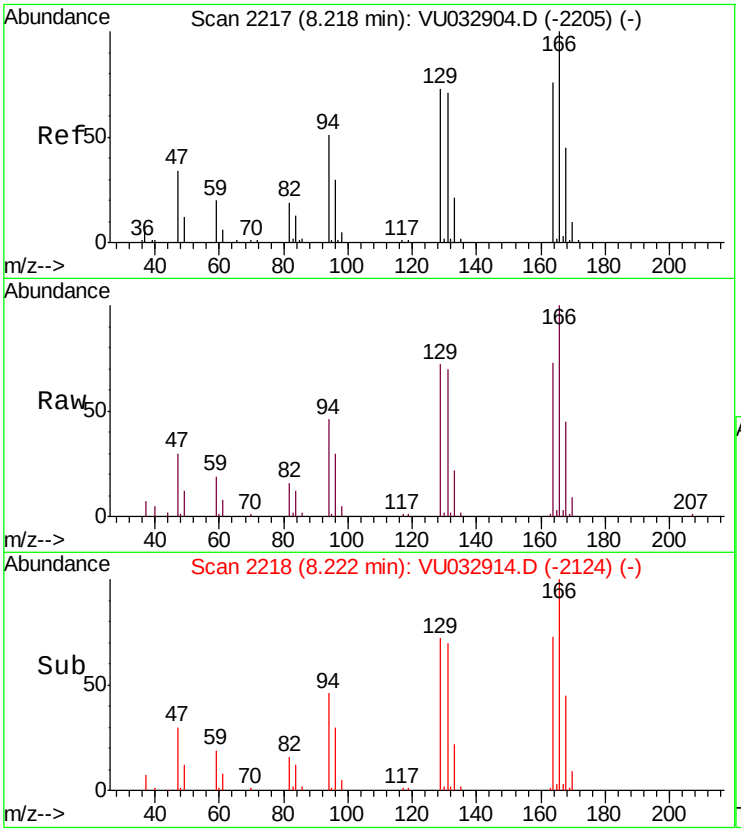


#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 63 Resp: 3717

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



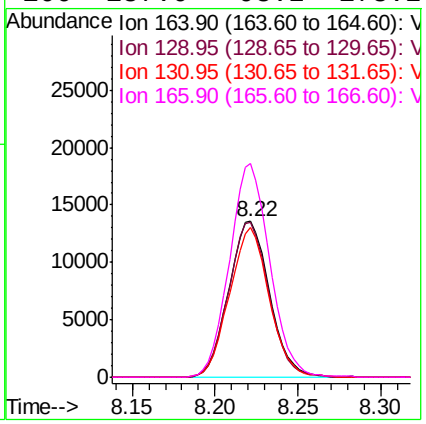


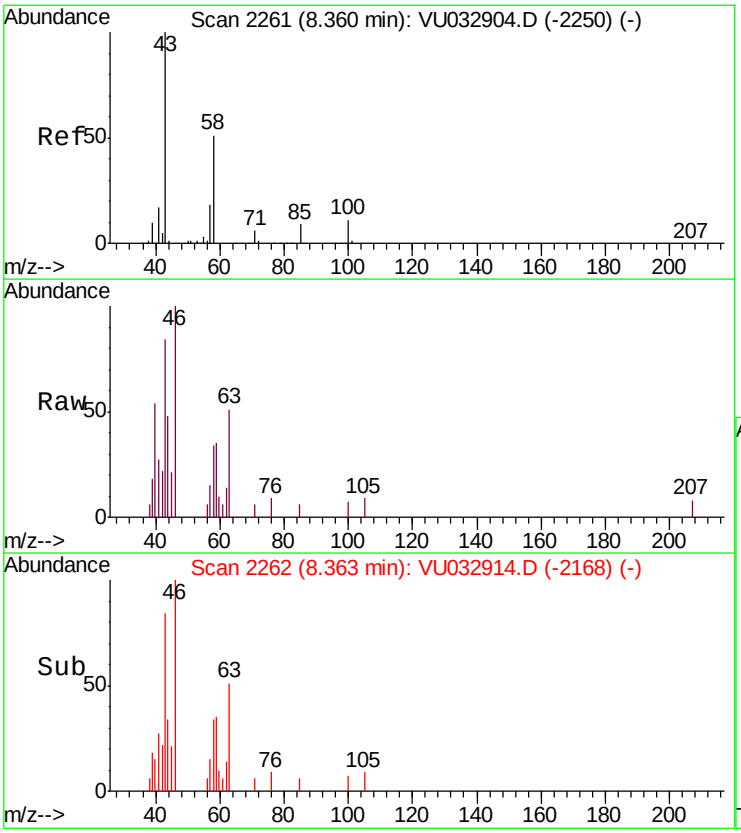
#47
Tetrachloroethene
Concen: 4.109 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
GALG1DL

Tgt Ion:164 Resp: 23163

Ion	Ratio	Lower	Upper
164	100		
129	99.3	66.1	122.7
131	95.7	65.6	121.8
166	137.0	93.2	173.2

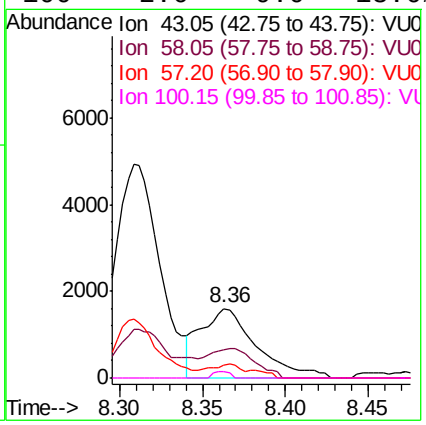


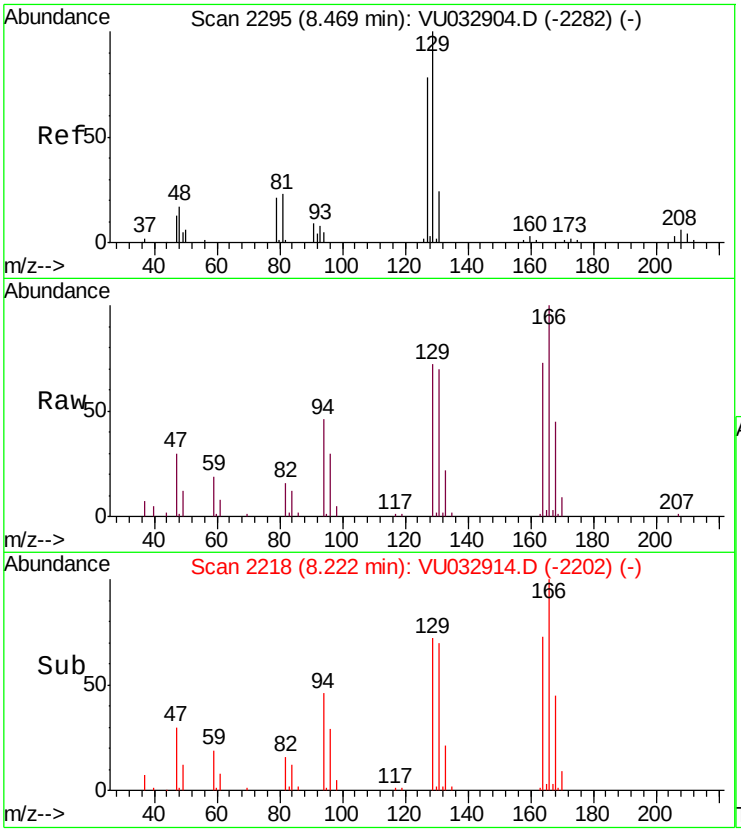


#48
2-Hexanone
Concen: 1.148 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 43 Resp: 3761

Ion	Ratio	Lower	Upper
43	100		
58	35.8	41.9	62.9#
57	15.0	15.1	22.7#
100	2.6	9.0	13.6#



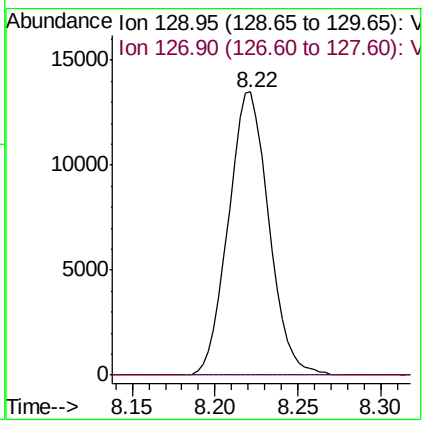


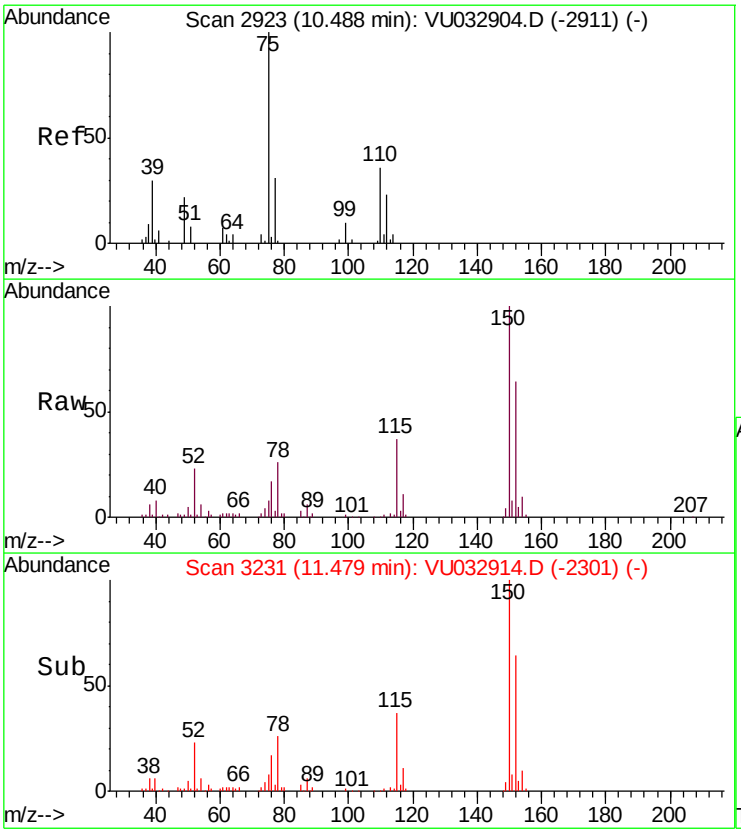
#49
Dibromochloromethane
Concen: 3.816 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Instrument : MSVOA_U
ClientSampleId : GALG1DL

Tgt Ion:129 Resp: 22881

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 1.279 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032914.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 75 Resp: 5411

Ion	Ratio	Lower	Upper
75	100		
77	38.5	25.3	37.9#