Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
Data File : VU031316.D
Acq On : 18 Apr 2019 18:55
Operator : JC/SP
Sample : K2451-04MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAMX3MSD

Quant Time: Apr 19 04:42:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74808	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	95757	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.68	69	78499	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.27	63	201889	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.20	46	199104	48.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.32%			
24) Chloroform-d	4.64	84	130279	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.31	65	74885	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.33	84	250369	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.33	67	84005	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.56	98	210711	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.85	79	33988	5.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.40%			
46) 2-Hexanone-d5	8.32	63	149561	48.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67332	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	77005	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	4236	0.142	ug/L	87
8) Chloroethane	1.71	64	2414	0.139	ug/L #	54
12) 1,1-Dichloroethene	2.28	96	103739	5.038	ug/L	93
13) Acetone	2.34	43	25419	5.526	ug/L	98
27) 1,2-Dichloroethane	5.38	62	2962	0.154	ug/L #	75
33) Benzene	5.39	78	303397	4.674	ug/L	100
34) Trichloroethene	6.18	95	77930	4.442	ug/L	96
35) Methylcyclohexane	6.33	83	19206	0.795	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8561	0.500	ug/L #	88
42) Toluene	7.63	91	302508	4.622	ug/L	98
51) Chlorobenzene	9.12	112	193501	4.723	ug/L	99

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

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Instrument :
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ClientSampleId :
YAMX3MSD

Quant Time: Apr 19 04:42:48 2019
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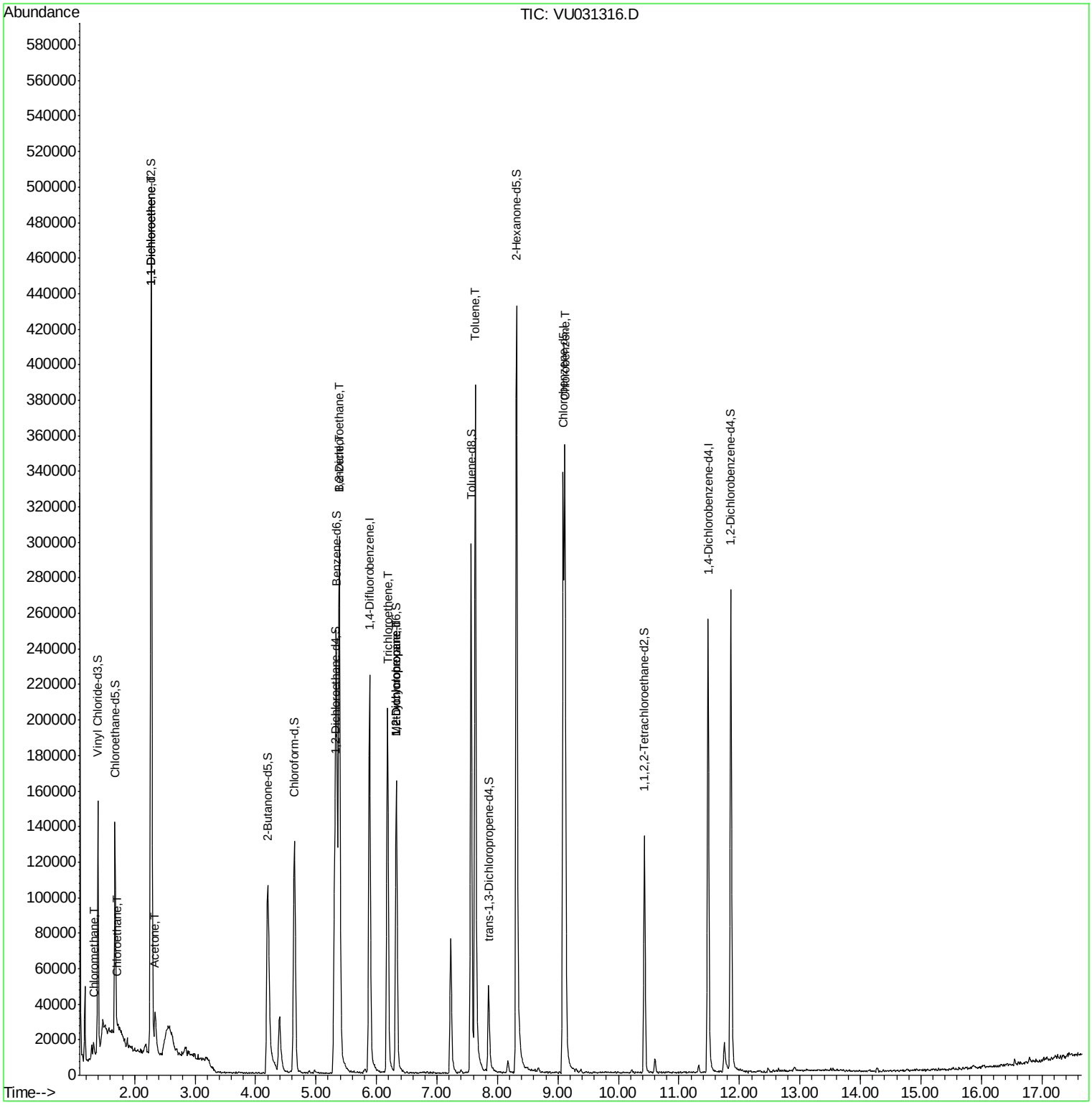
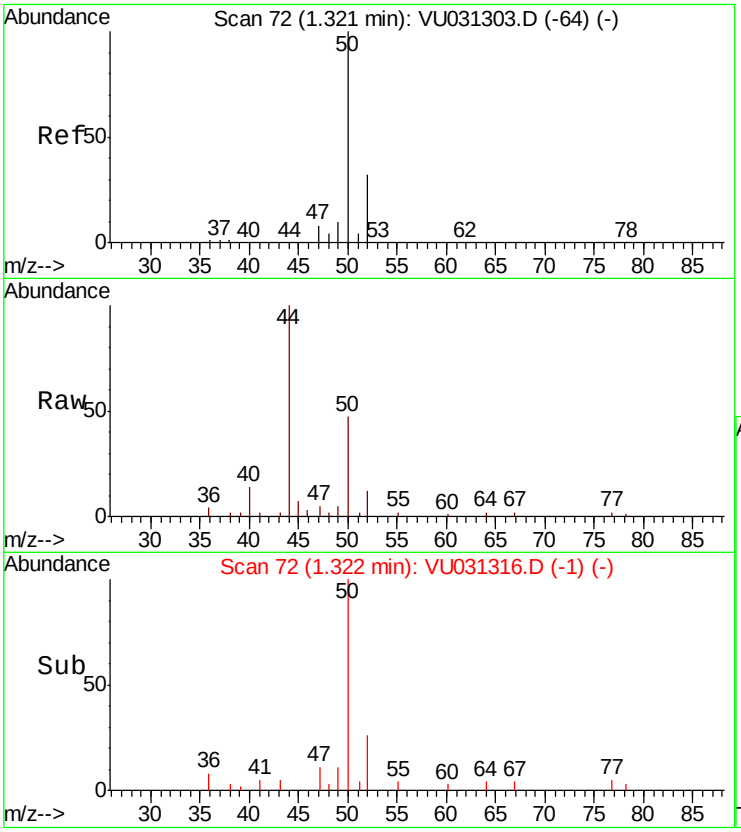
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 19 04:38:37 2019
Response via : Initial Calibration



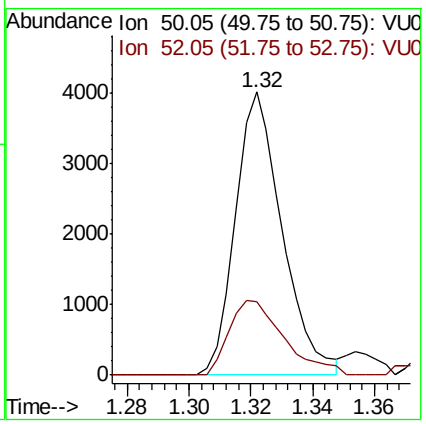


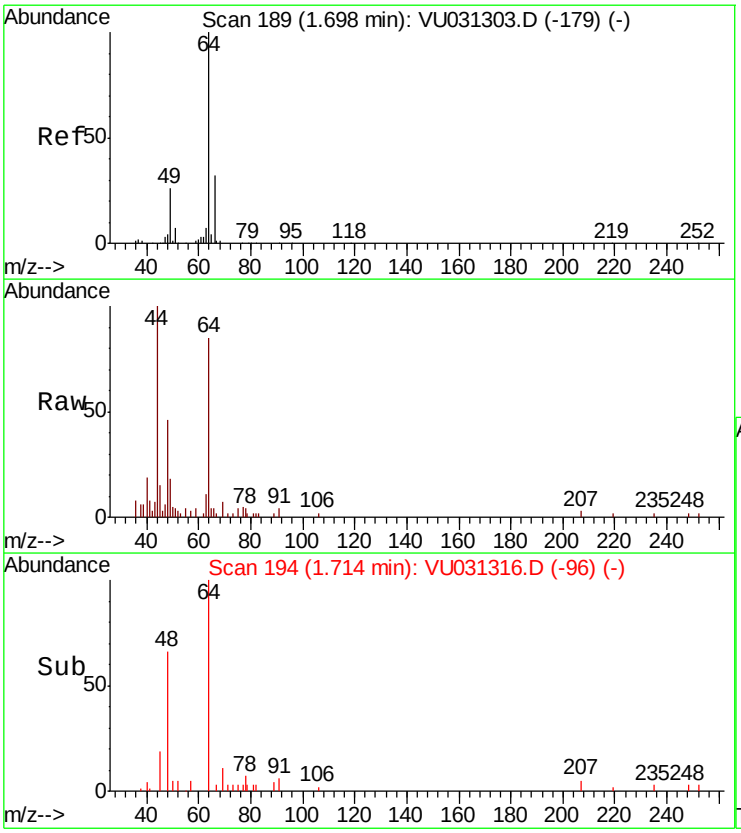
#3
Chloromethane
Concen: 0.142 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MSD

Tgt Ion: 50 Resp: 4236

Ion	Ratio	Lower	Upper
50	100		
52	25.8	23.2	43.2

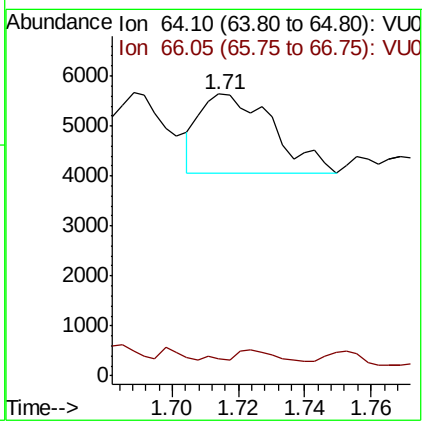


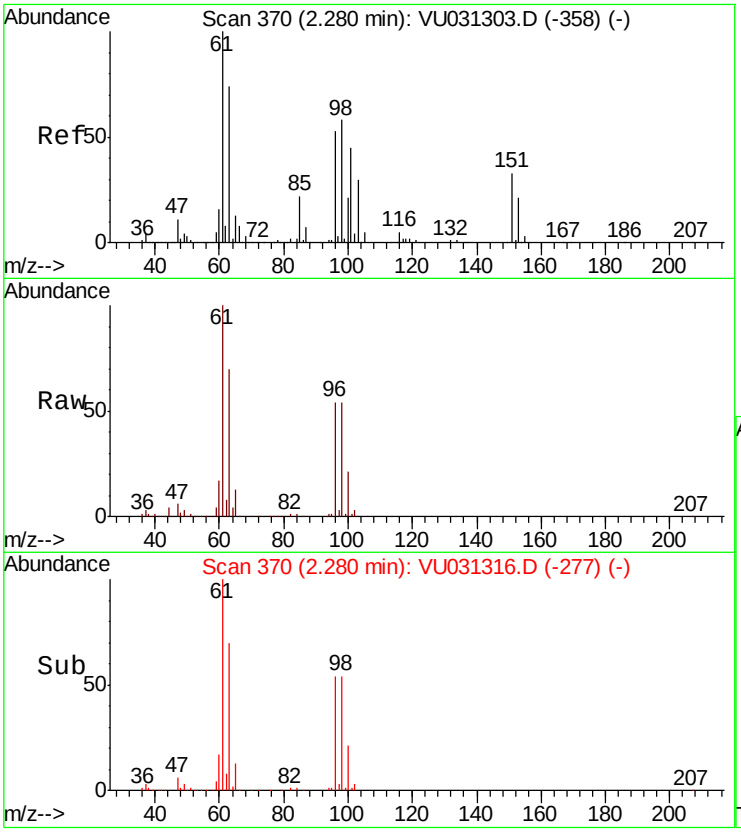


#8
Chloroethane
Concen: 0.139 ug/L
RT: 1.71 min Scan# 194
Delta R.T. 0.02 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Tgt Ion: 64 Resp: 2414

Ion	Ratio	Lower	Upper
64	100		
66	6.1	21.9	40.7#



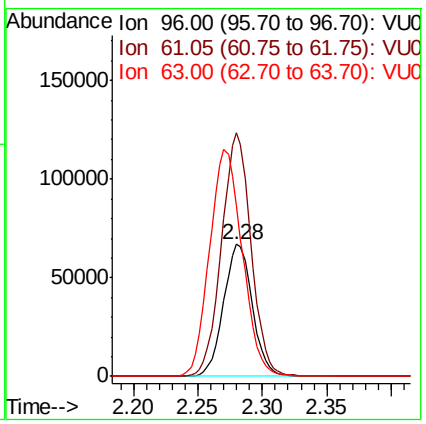


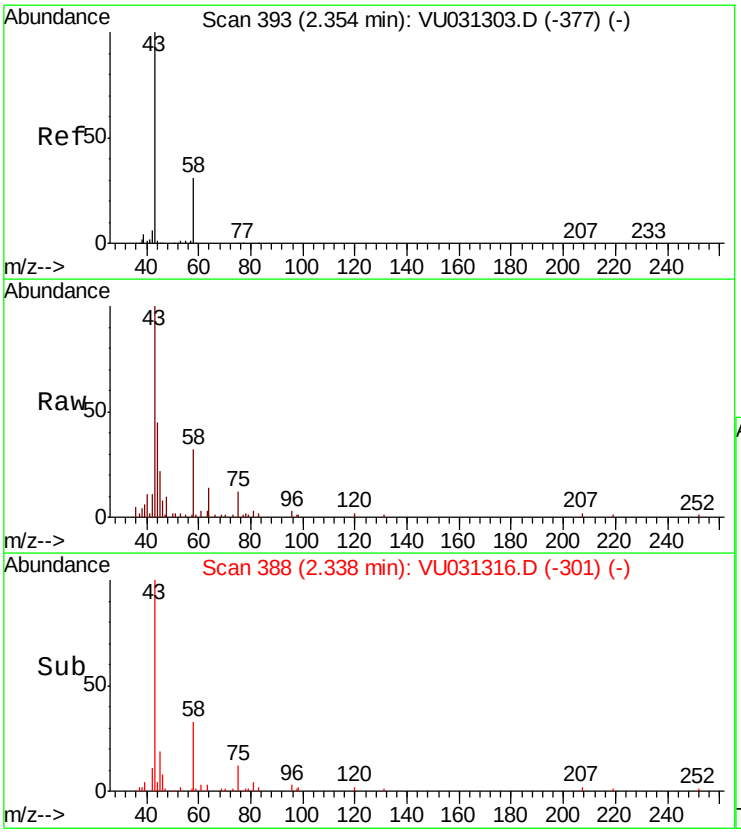
#12
1,1-Dichloroethene
Concen: 5.038 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MSD

Tgt Ion: 96 Resp: 103739

Ion	Ratio	Lower	Upper
96	100		
61	184.7	133.7	248.3
63	129.1	100.5	186.7

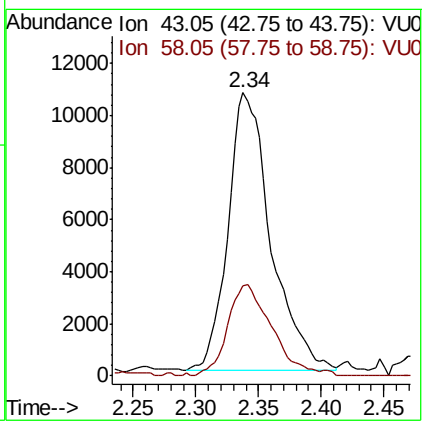


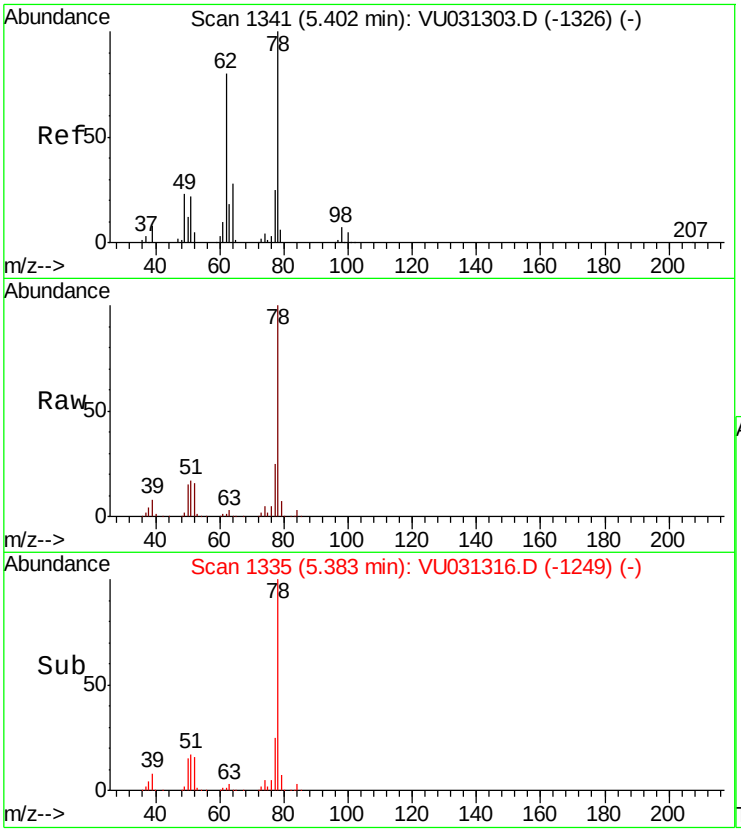


#13
Acetone
Concen: 5.526 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.02 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Tgt Ion: 43 Resp: 25419

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	64.4



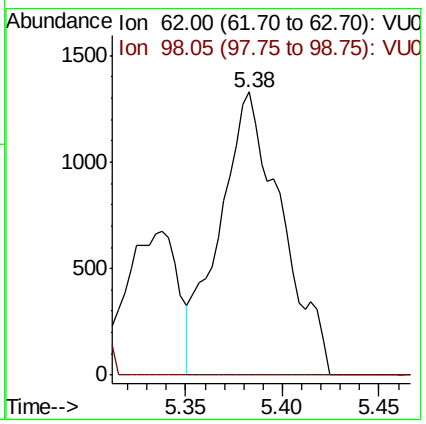


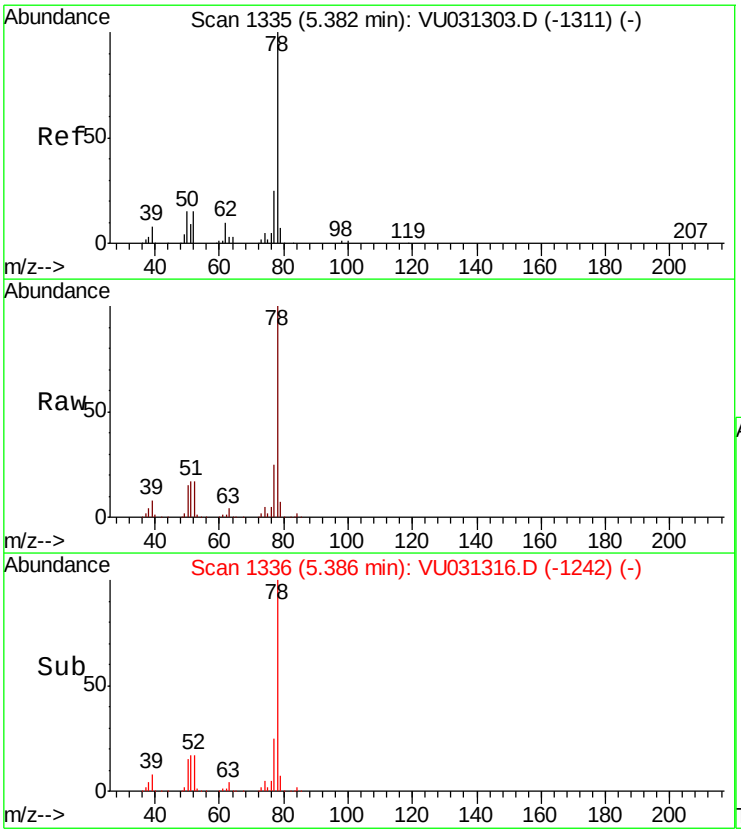
#27
1,2-Dichloroethane
Concen: 0.154 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MSD

Tgt Ion: 62 Resp: 2962

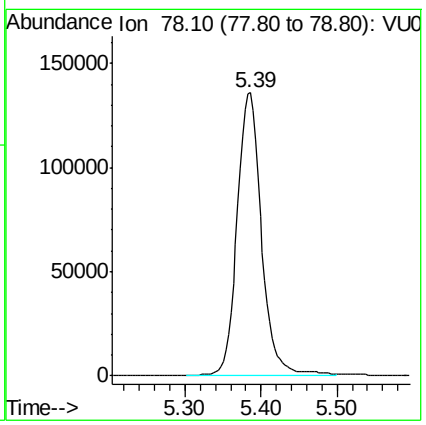
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

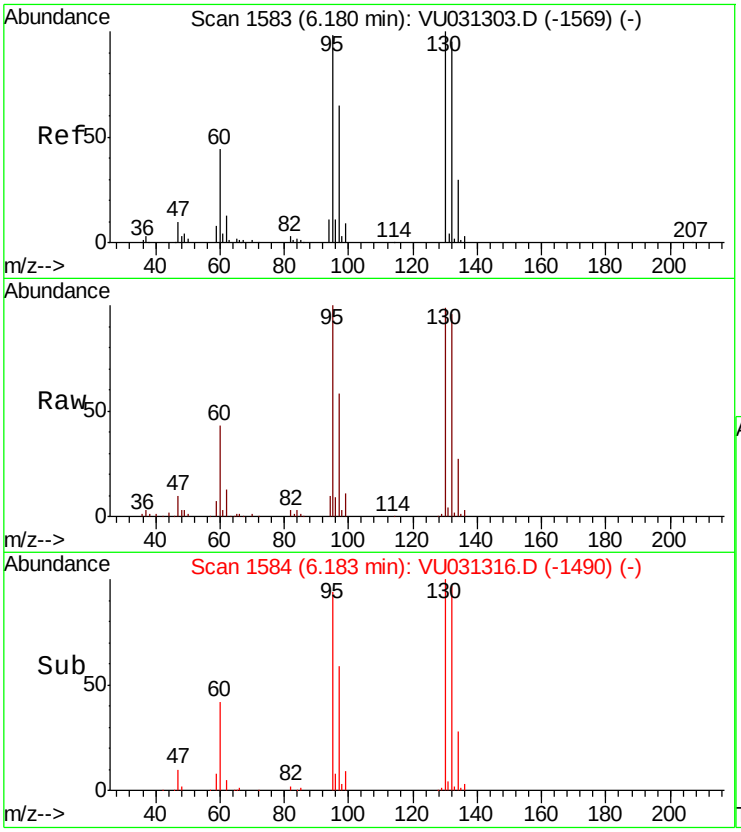




#33
Benzene
Concen: 4.674 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Tgt Ion: 78 Resp: 303397



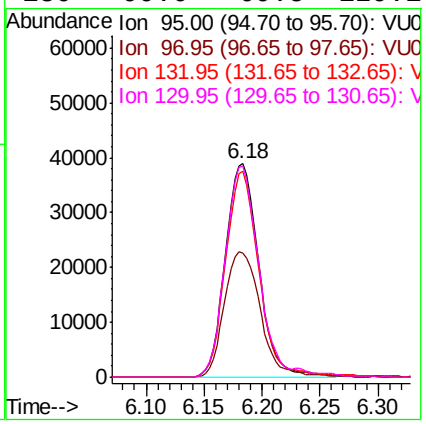


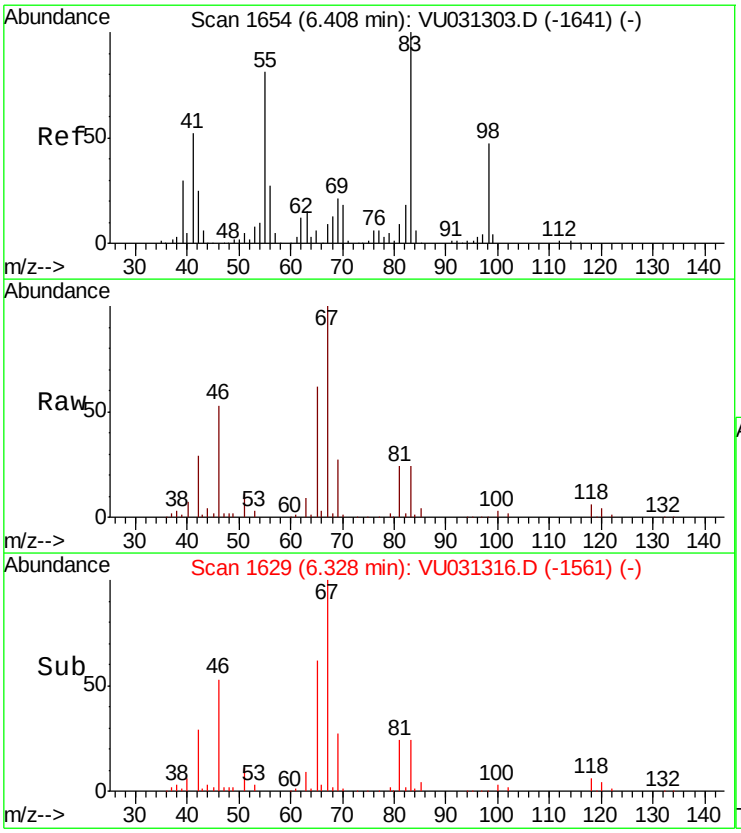
#34
Trichloroethene
Concen: 4.442 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument : MSVOA_U
ClientSampleId : YAMX3MSD

Tgt Ion: 95 Resp: 77930

Ion	Ratio	Lower	Upper
95	100		
97	58.0	46.8	86.8
132	96.2	65.8	122.2
130	99.0	69.5	129.1

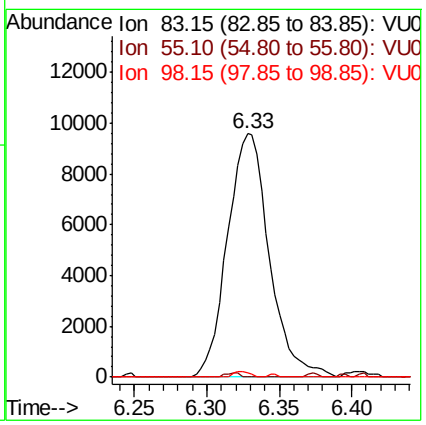


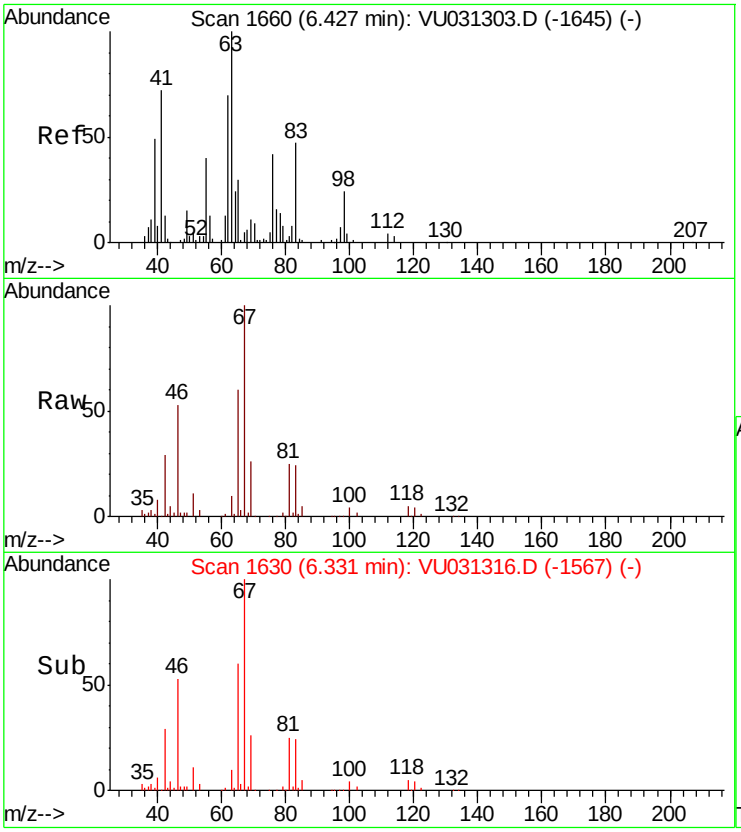


#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Tgt Ion: 83 Resp: 19206

Ion	Ratio	Lower	Upper
83	100		
55	0.5	70.6	105.8#
98	0.9	37.0	55.4#



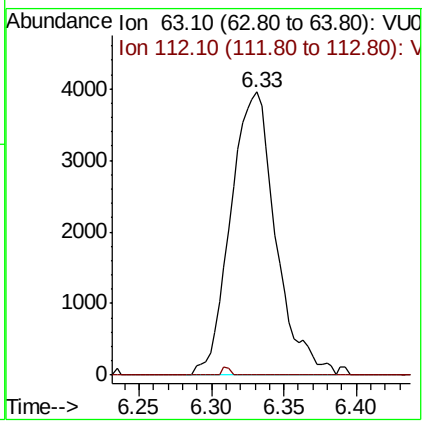


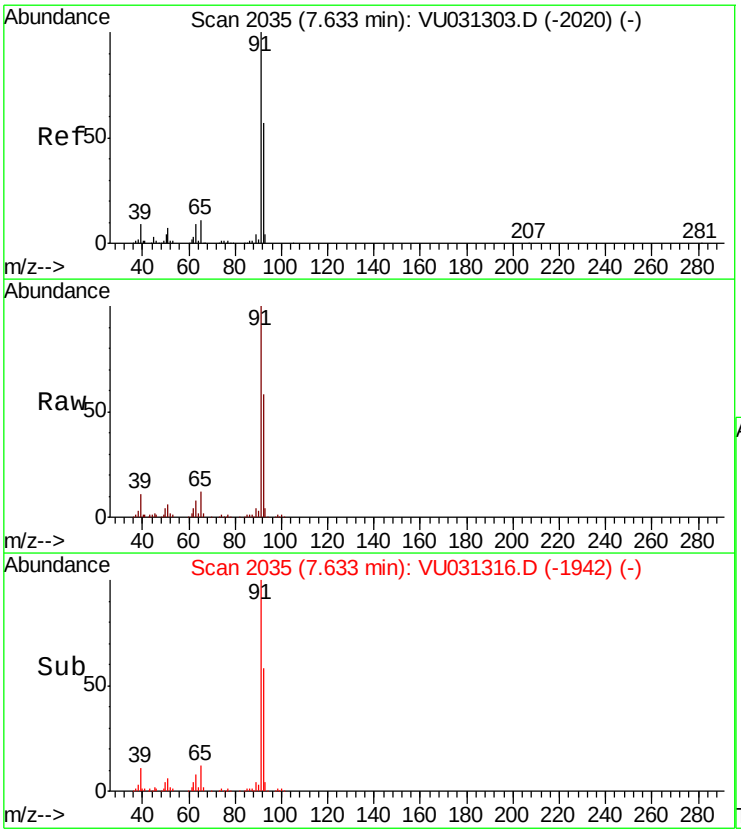
#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument : MSVOA_U
ClientSampleId : YAMX3MSD

Tgt Ion: 63 Resp: 8561

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.5	5.3#

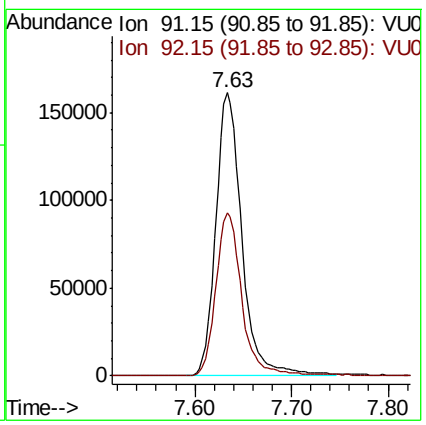


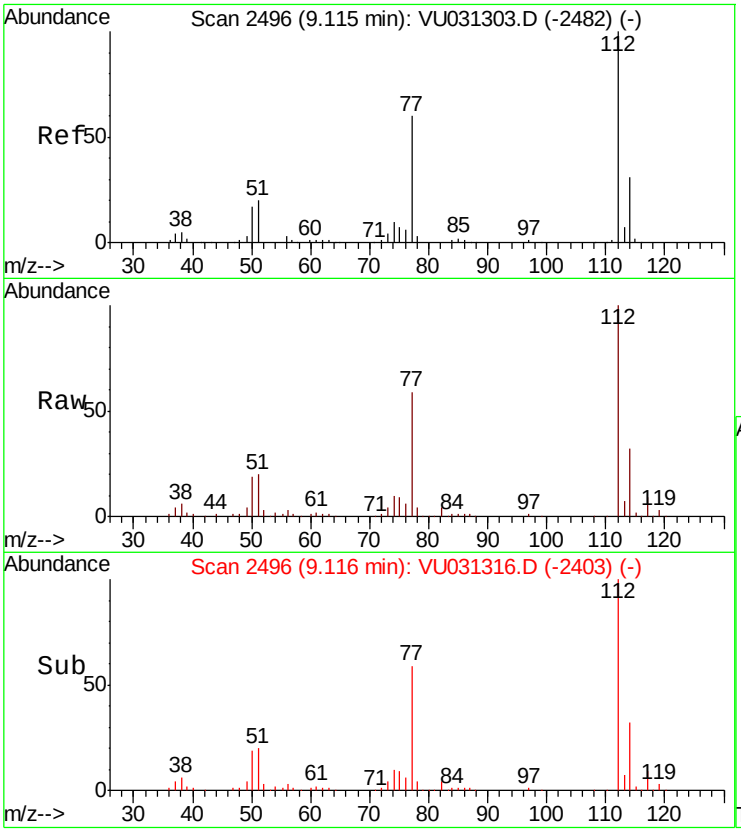


#42
Toluene
Concen: 4.622 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Tgt Ion: 91 Resp: 302508

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.5	73.3





#51
Chlorobenzene
Concen: 4.723 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031316.D
Acq: 18 Apr 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
YAMX3MSD

Tgt Ion:112 Resp: 193501

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.6	40.2
77	59.2	47.1	70.7