Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\

Quantitation Report (Not Reviewed)

Data File : VU032688.D
Acq On : 13 Jun 2019 12:50
Operator : JC/SP
Sample : K3286-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JP4

Quant Time: Jun 14 01:29:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	175401	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81645	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40680	35.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.50%			
7) Chloroethane-d5	1.68	69	36369	39.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.54%			
11) 1,1-Dichloroethene-d2	2.27	63	62860	28.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.42%#			
21) 2-Butanone-d5	4.17	46	100168	105.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.18%			
24) Chloroform-d	4.64	84	92349	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
26) 1,2-Dichloroethane-d4	5.30	65	63247	47.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.60%			
32) Benzene-d6	5.33	84	179301	41.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.84%			
36) 1,2-Dichloropropane-d6	6.32	67	60275	44.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.80%			
41) Toluene-d8	7.56	98	160424	39.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.16%#			
43) trans-1,3-Dichloropropene-	7.85	79	27235	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.84%			
47) 2-Hexanone-d5	8.31	63	70776	107.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.49%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93654	47.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.22%			
64) 1,2-Dichlorobenzene-d4	11.85	152	71043	45.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.86%			

Target Compounds						Qvalue
13) Acetone	2.32	43	9425	9.592	ug/L	98
16) Methylene chloride	2.70	84	2939	2.475	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1018	0.607	ug/L #	75
34) Trichloroethene	6.18	95	8445	6.625	ug/L	98
35) Methylcyclohexane	6.32	83	13886	6.729	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7077	5.698	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1865	0.952	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1339	0.770	ug/L	88
46) Tetrachloroethene	8.22	164	2212	2.101	ug/L	89
48) 2-Hexanone	8.31	43	11659	7.104	ug/L #	63
49) Dibromochloromethane	8.22	129	2050	1.502	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9823	6.084	ug/L	94

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

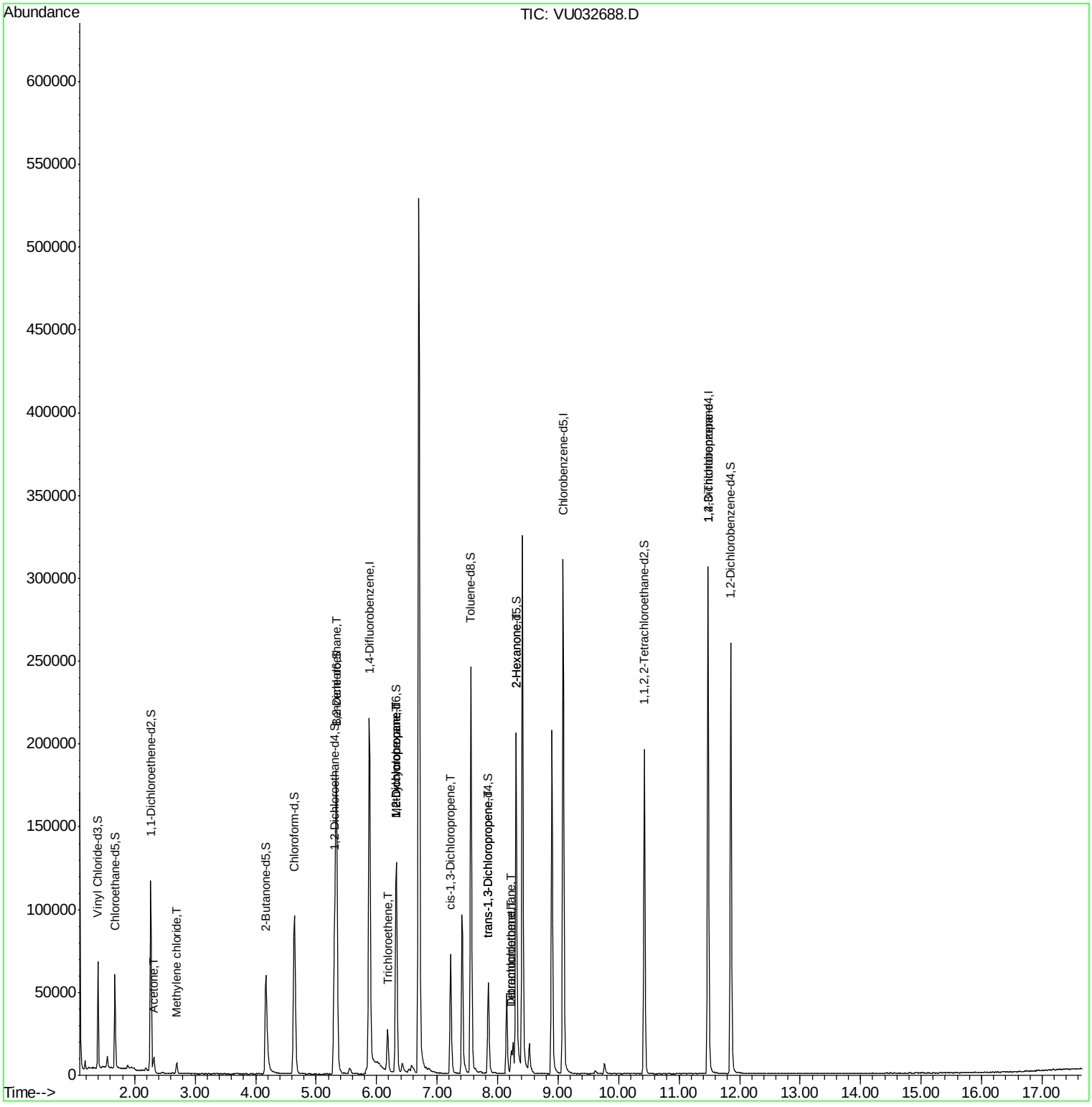
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\

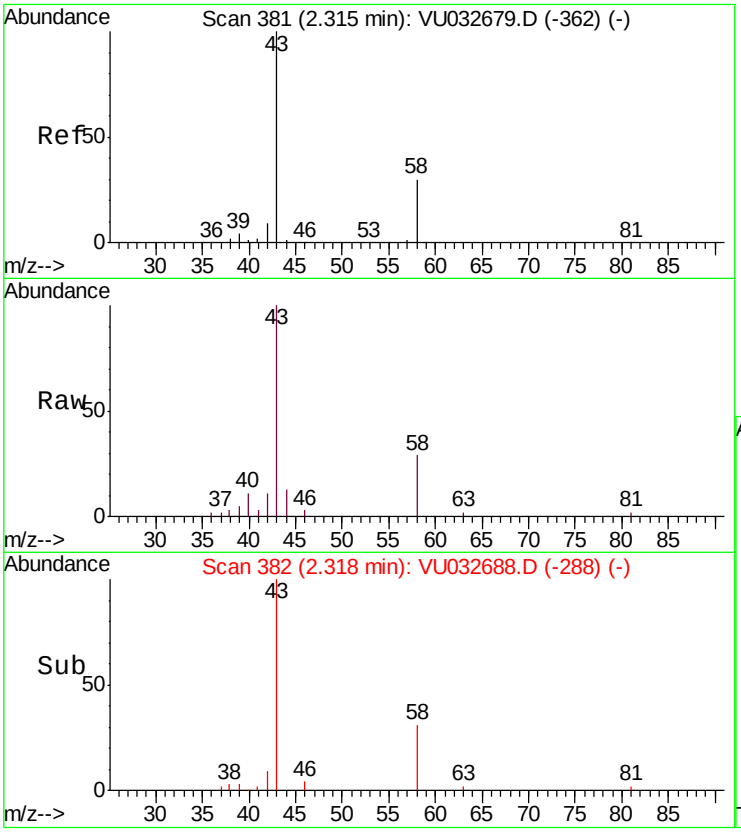
Quantitation Report (Not Reviewed)

Data File : VU032688.D
Acq On : 13 Jun 2019 12:50
Operator : JC/SP
Sample : K3286-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JP4

Quant Time: Jun 14 01:29:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration



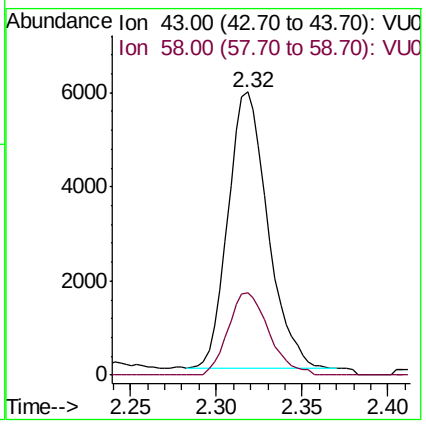


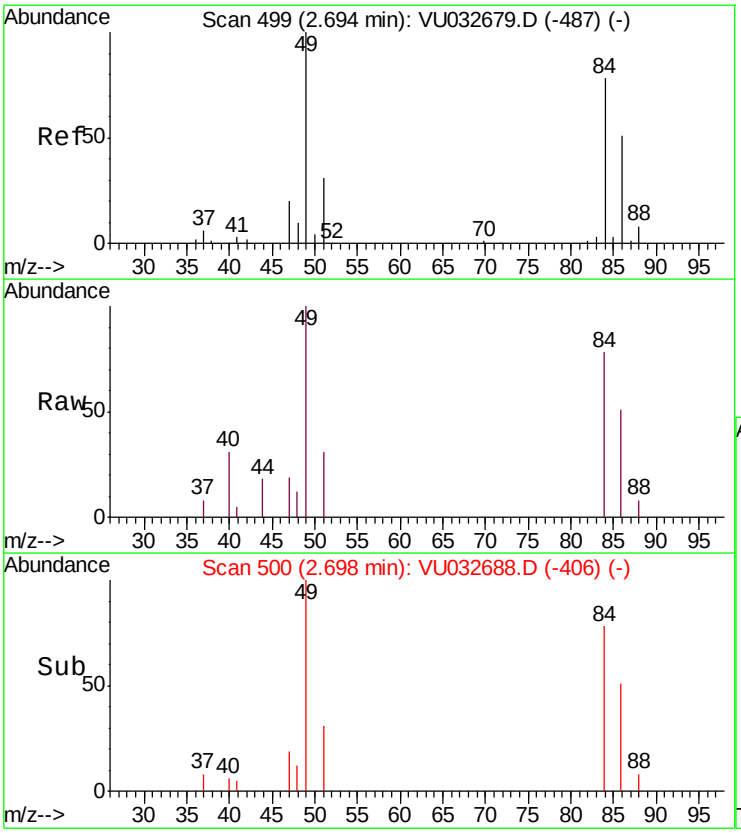
#13
Acetone
Concen: 9.592 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument : MSVOA_U
ClientSampleId : C0JP4

Tgt Ion: 43 Resp: 9425

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	64.0

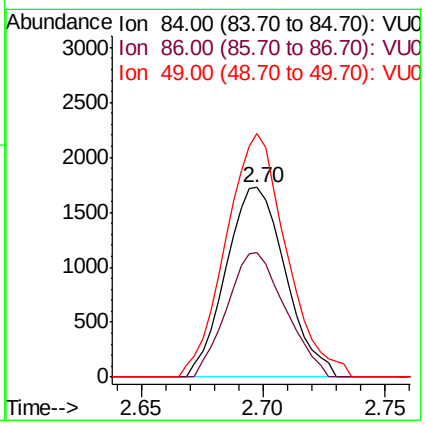


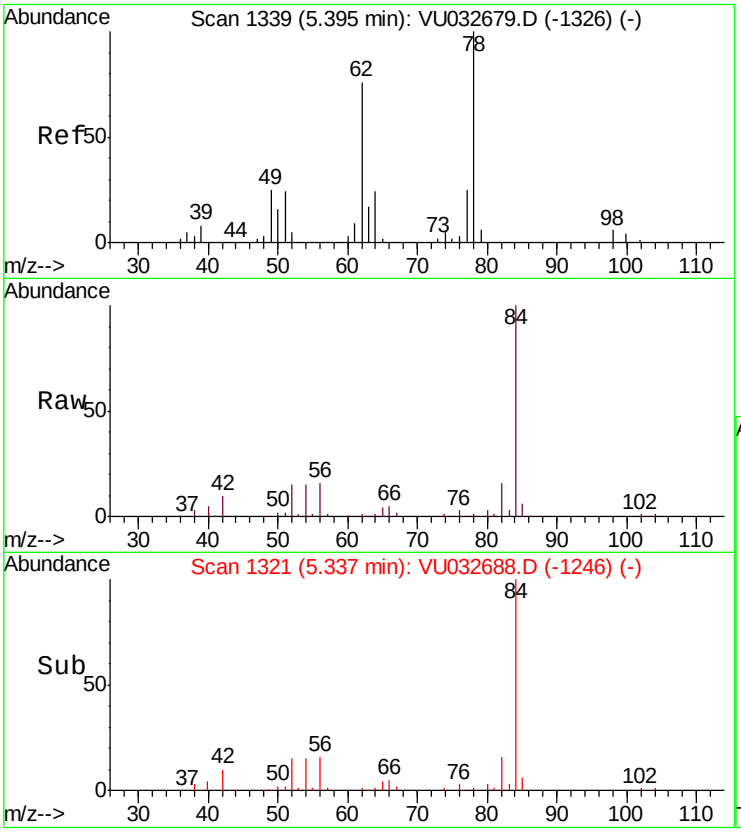


#16
Methylene chloride
Concen: 2.475 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 84 Resp: 2939

Ion	Ratio	Lower	Upper
84	100		
86	65.5	44.7	82.9
49	128.4	86.1	159.9



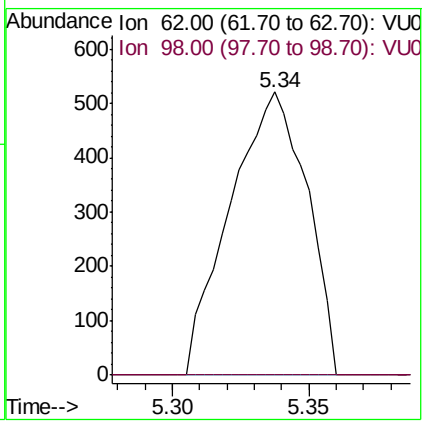


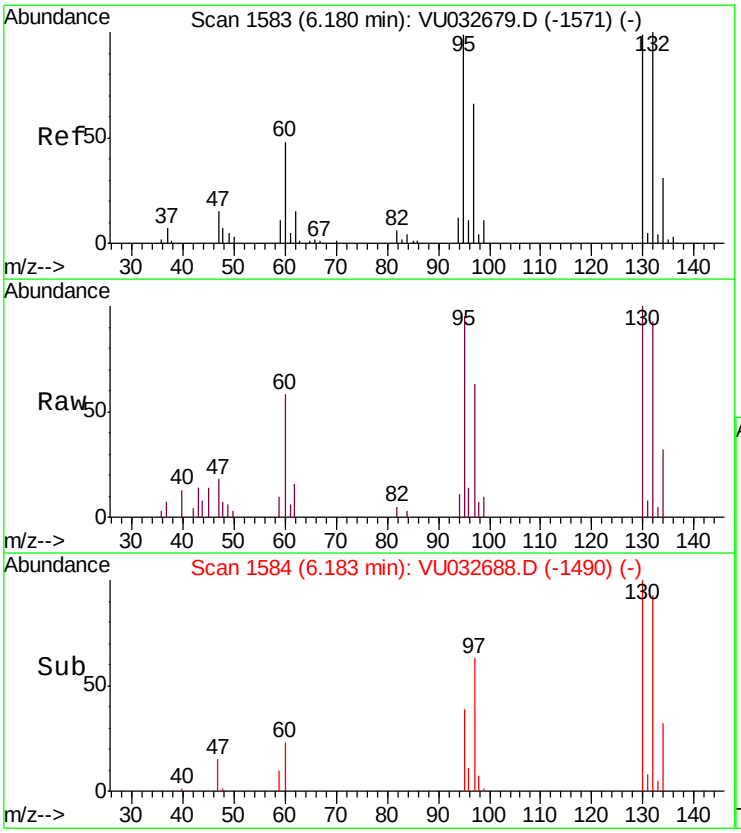
#27
1,2-Dichloroethane
Concen: 0.607 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument : MSVOA_U
ClientSampleId : C0JP4

Tgt Ion: 62 Resp: 1018

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

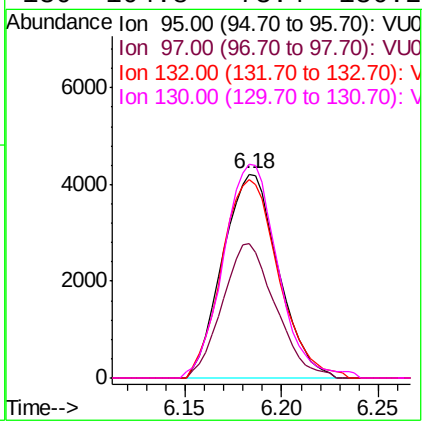


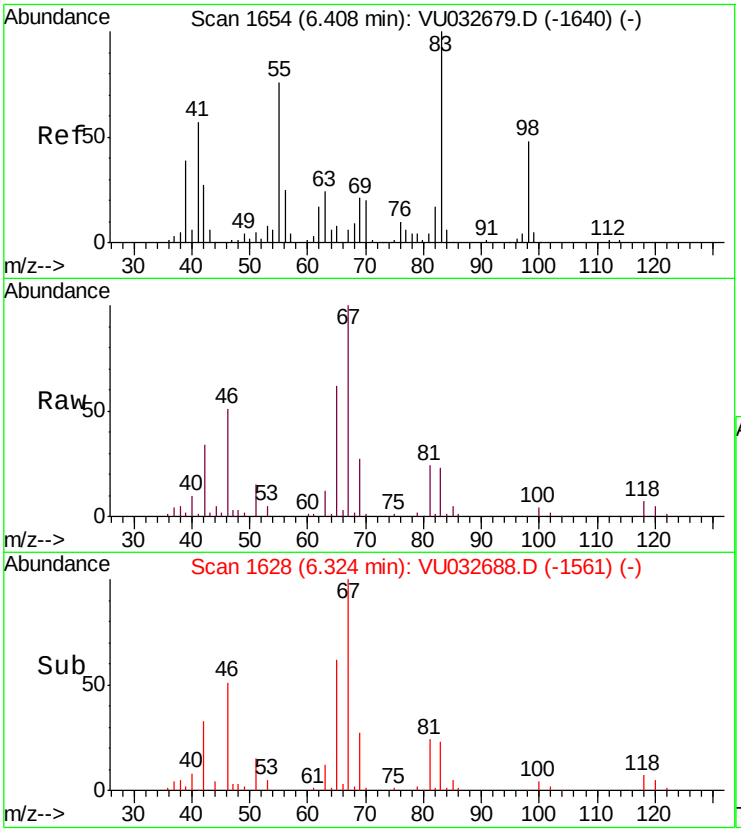


#34
Trichloroethene
Concen: 6.625 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 95 Resp: 8445

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.8	85.2
132	97.2	71.0	131.8
130	104.8	73.4	136.2



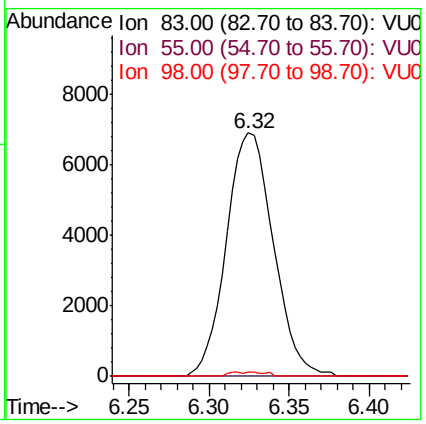


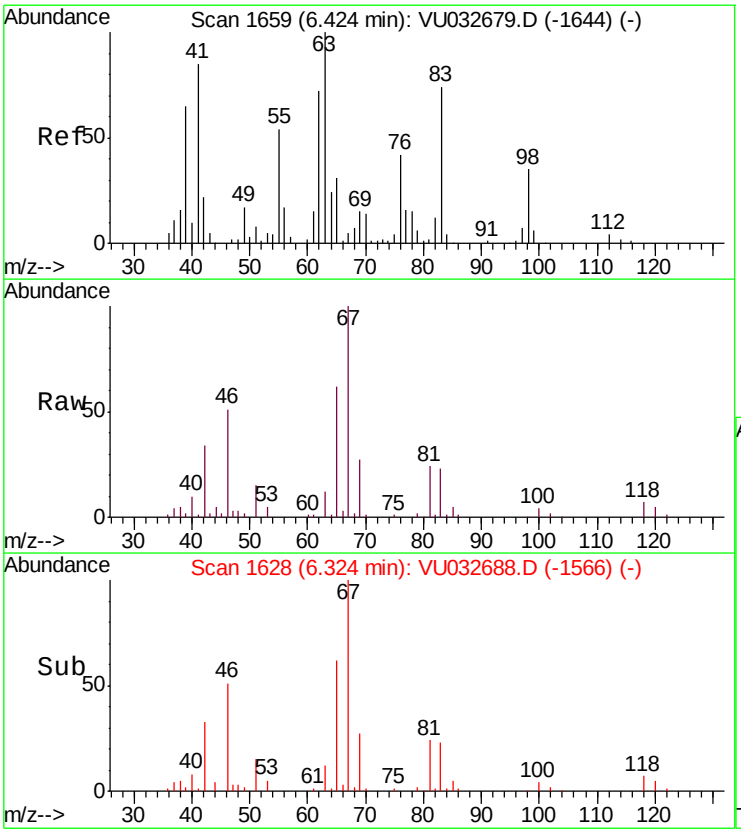
#35
Methylcyclohexane
Concen: 6.729 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
C0JP4

Tgt Ion: 83 Resp: 13886

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.4#
98	0.6	37.4	56.2#

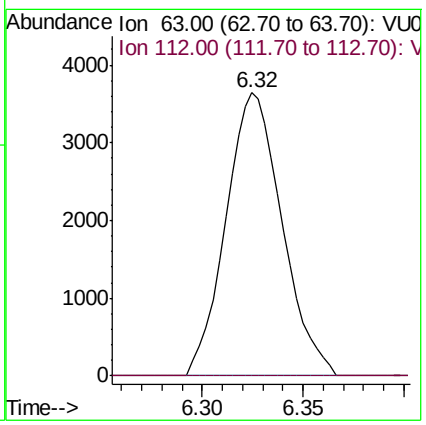


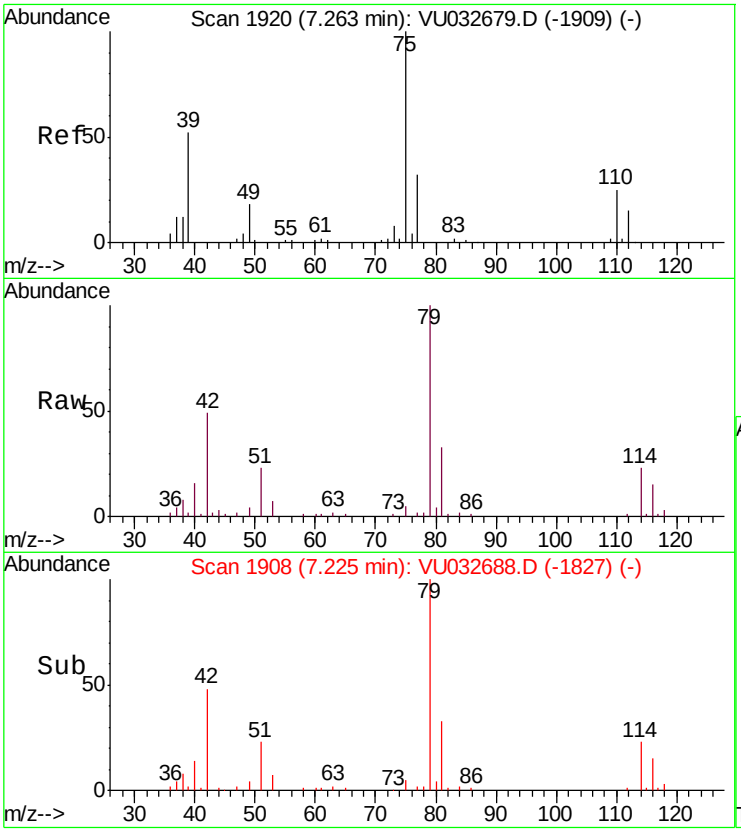


#37
1,2-Dichloropropane
Concen: 5.698 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 63 Resp: 7077

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



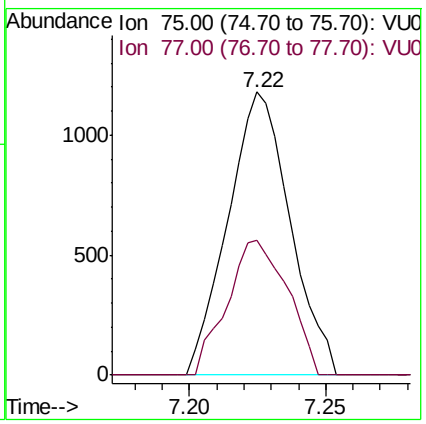


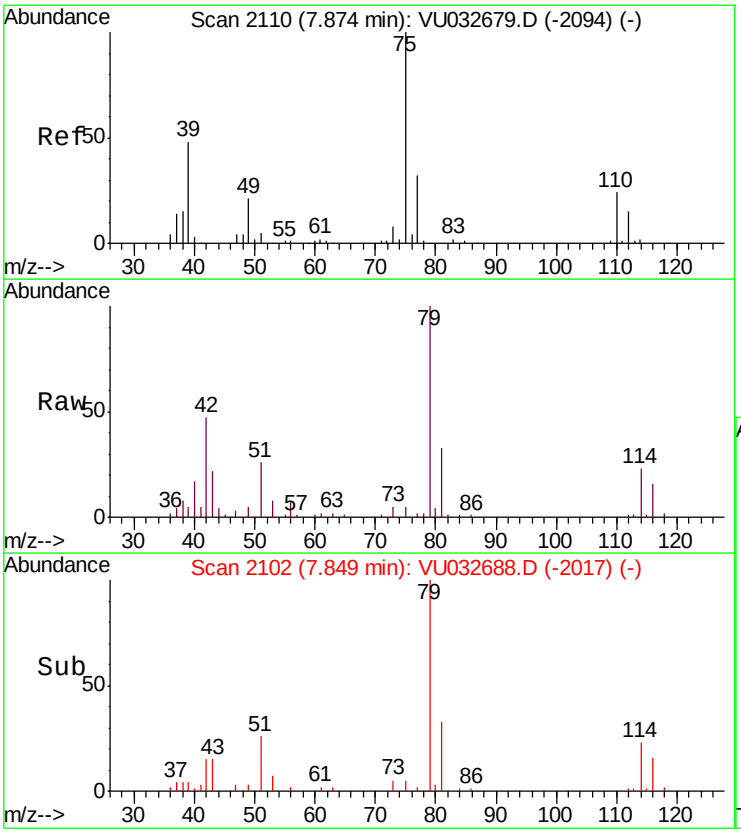
#39
cis-1,3-Dichloropropene
Concen: 0.952 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
C0JP4

Tgt Ion: 75 Resp: 1865

Ion	Ratio	Lower	Upper
75	100		
77	47.6	22.0	41.0#

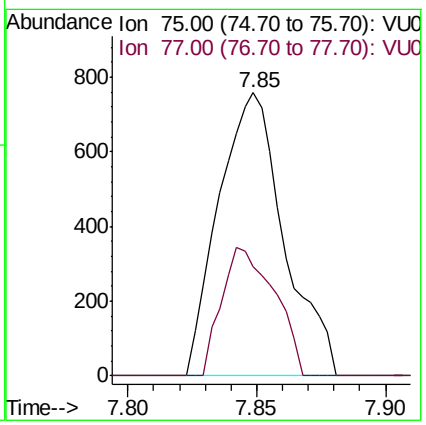


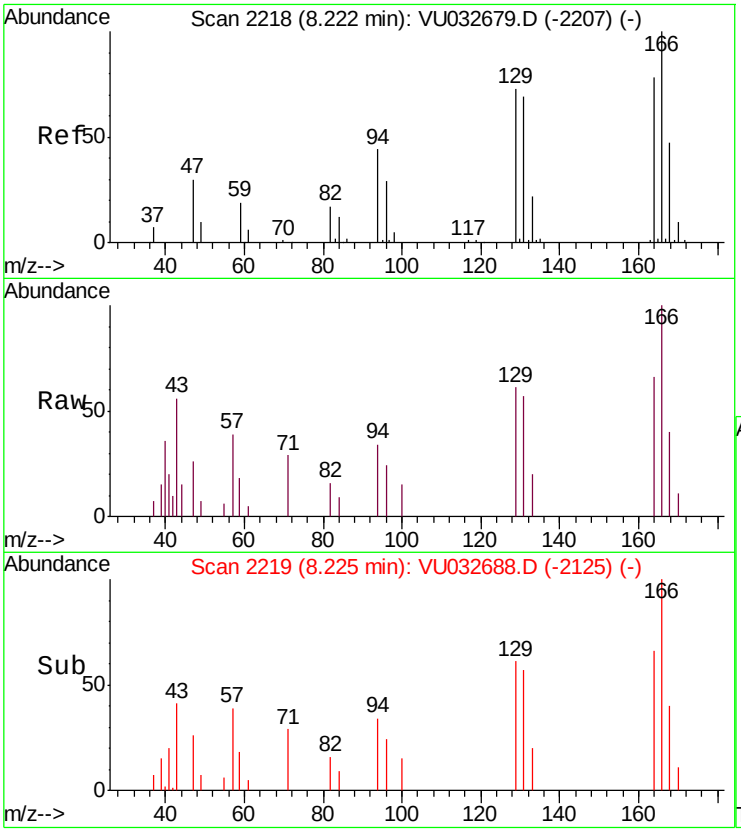


#44
trans-1,3-Dichloropropene
Concen: 0.770 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 75 Resp: 1339

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.1	41.1



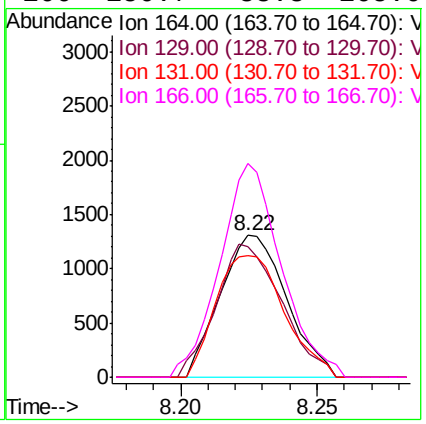


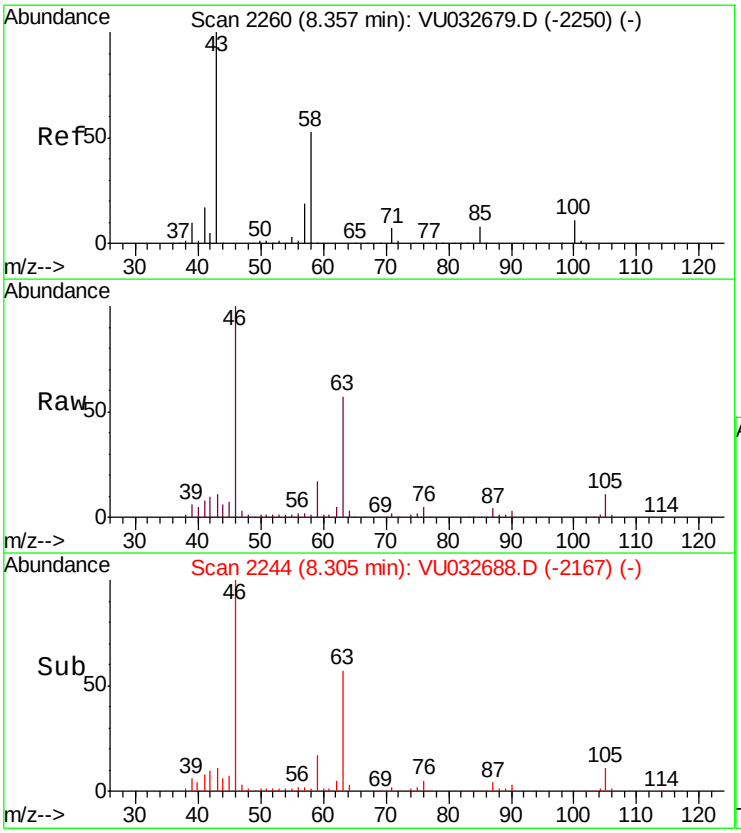
#46
Tetrachloroethene
Concen: 2.101 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument : MSVOA_U
ClientSampleId : C0JP4

Tgt Ion:164 Resp: 2212

Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.3	121.3
131	86.0	64.0	119.0
166	150.7	88.8	165.0

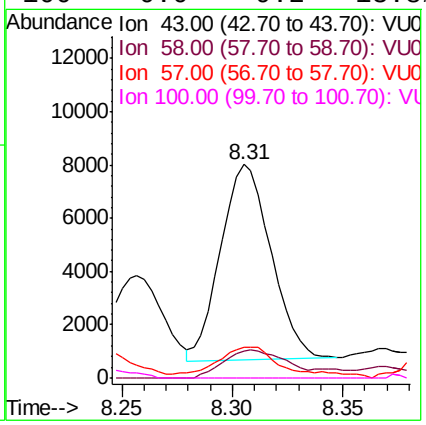


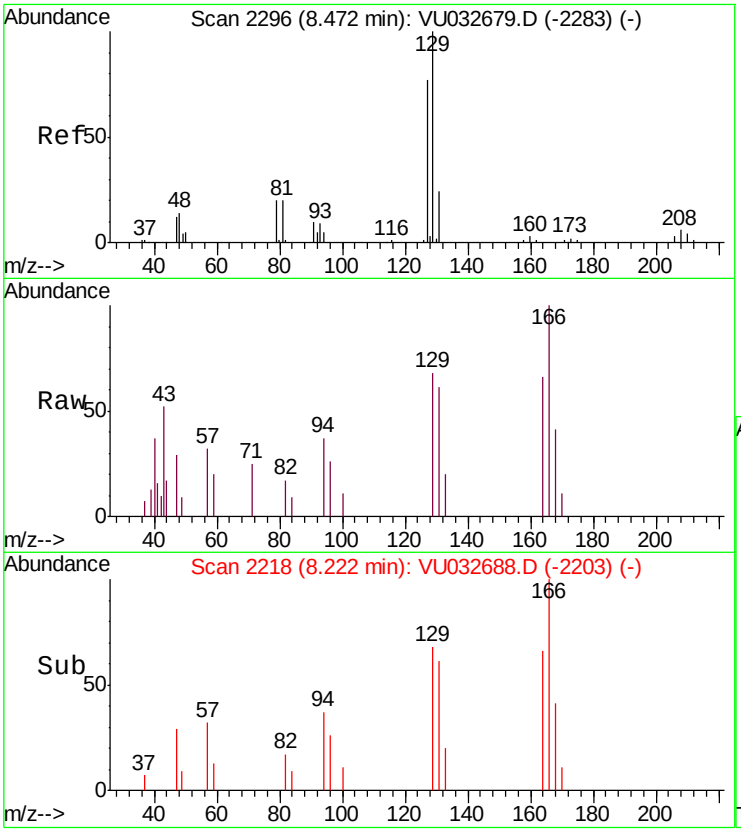


#48
2-Hexanone
Concen: 7.104 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 43 Resp: 11659

Ion	Ratio	Lower	Upper
43	100		
58	17.5	42.0	63.0#
57	15.0	14.6	22.0
100	0.0	9.2	13.8#



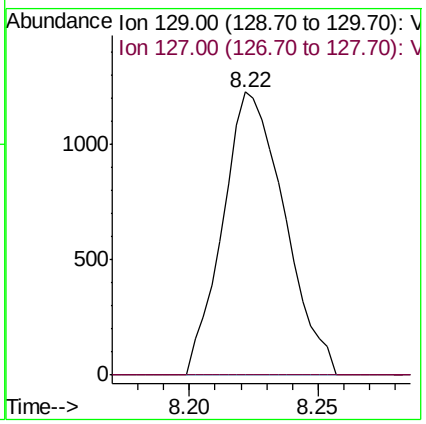


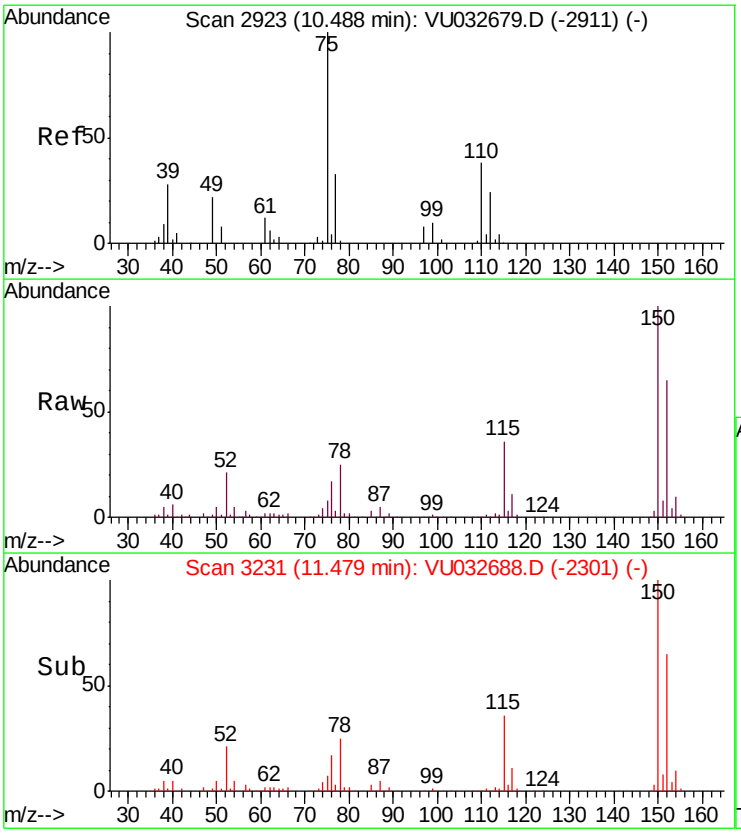
#49
Dibromochloromethane
Concen: 1.502 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Instrument : MSVOA_U
ClientSampleId : C0JP4

Tgt Ion:129 Resp: 2050

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#





#59
1,2,3-Trichloropropane
Concen: 6.084 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032688.D
Acq: 13 Jun 2019 12:50

Tgt Ion: 75 Resp: 9823

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.6	38.4