Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032148.D
Acq On : 20 May 2019 12:23
Operator : JC/SP
Sample : K2850-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Quant Time: May 21 06:42:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383338	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	389560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	158408	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	112827	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	1.68	69	95233	3.45	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.00%			
11) 1,1-Dichloroethene-d2	2.27	63	155071	3.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.20%			
20) 2-Butanone-d5	4.20	46	259372	40.91	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.82%			
24) Chloroform-d	4.64	84	224388	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
26) 1,2-Dichloroethane-d4	5.31	65	114356	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
32) Benzene-d6	5.33	84	454007	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.40%			
36) 1,2-Dichloropropane-d6	6.33	67	130494	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.20%			
41) Toluene-d8	7.56	98	363403	3.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.40%#			
43) trans-1,3-Dichloropropene-	7.85	79	47578	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.31	63	217839	38.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116747	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	145269	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	2794	0.152	ug/L	93
6) Bromomethane	1.63	94	1968	0.177	ug/L	89
12) 1,1-Dichloroethene	2.27	96	1809	0.118	ug/L #	1
13) Acetone	2.35	43	2921	1.404	ug/L	56
16) Methylene chloride	2.70	84	14010	0.762	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	353953	9.780	ug/L	97
35) Methylcyclohexane	6.32	83	33338	1.427	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14013	0.958	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3008	0.149	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1966	0.125	ug/L	88
48) 2-Hexanone	8.37	43	12069	2.295	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	15782	1.699	ug/L #	86

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032148.D
Acq On : 20 May 2019 12:23
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Sample : K2850-04DL 10X
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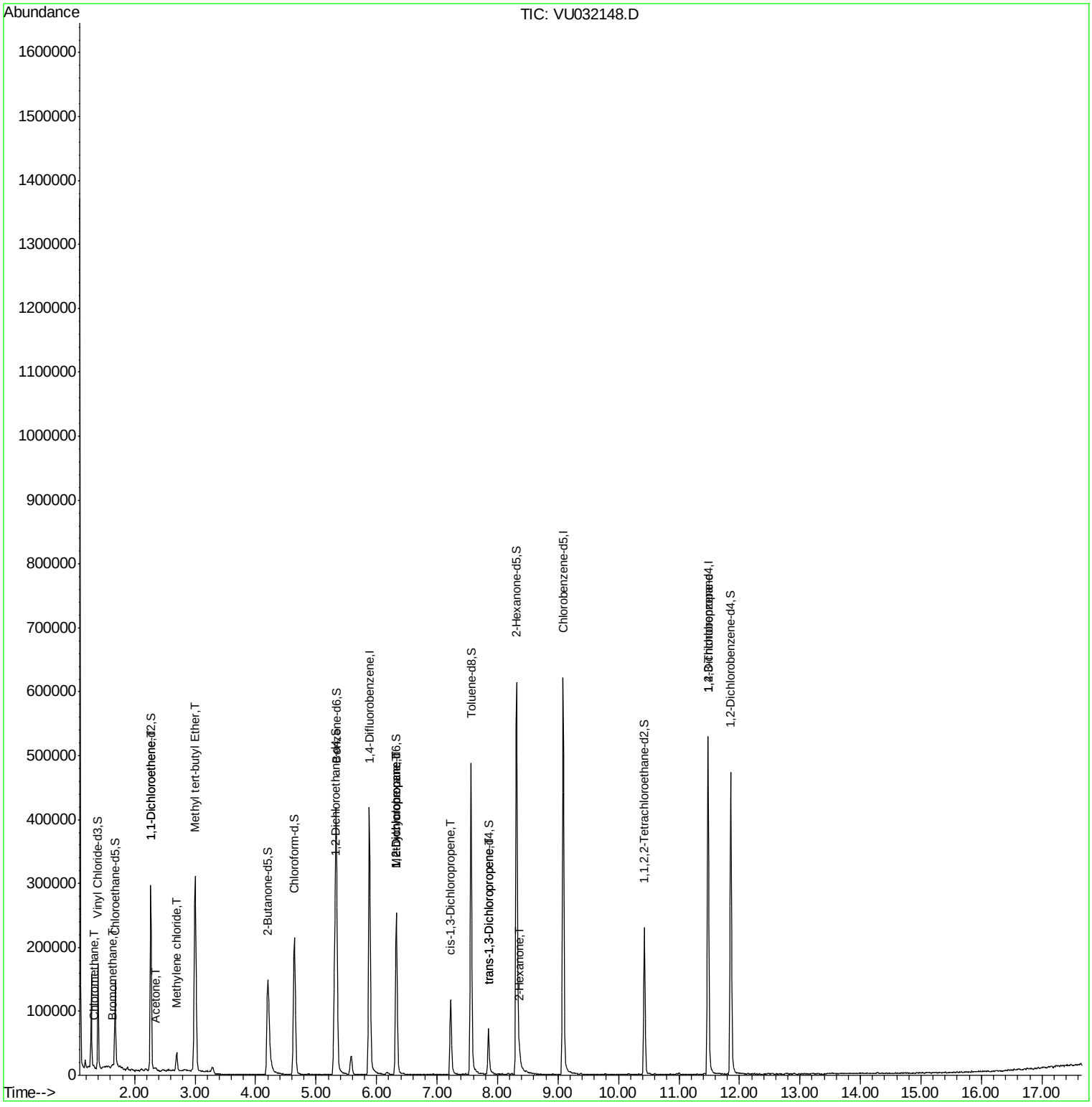
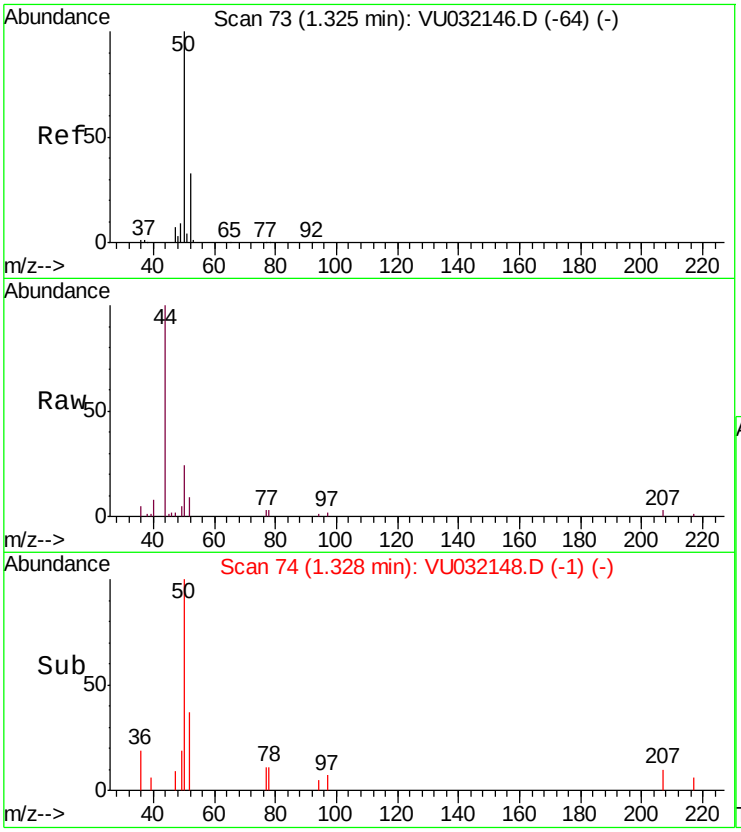
Instrument : MSVOA_U
ClientSampleId : F9W04DL

Quant Time: May 21 06:42:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration



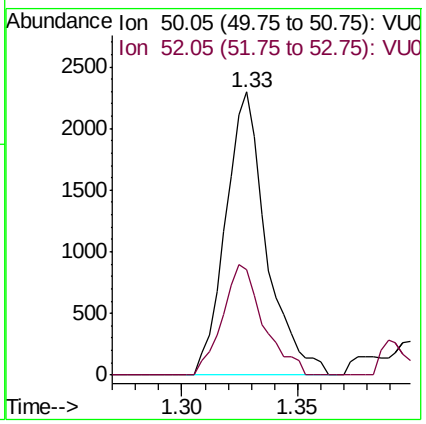


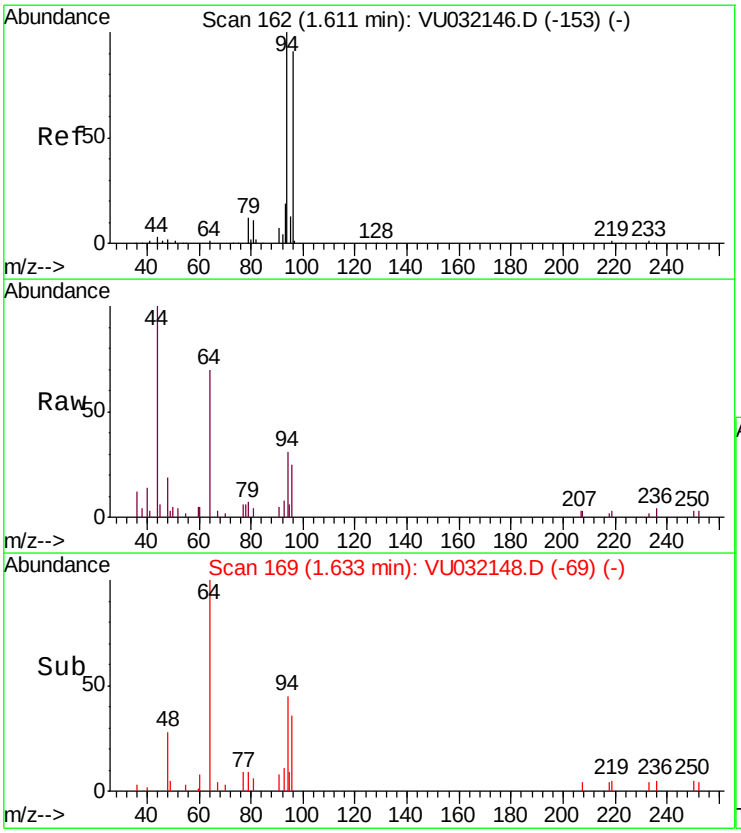
#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument :
MSVOA_U
ClientSampleId :
F9W04DL

Tgt Ion: 50 Resp: 2794

Ion	Ratio	Lower	Upper
50	100		
52	37.3	23.2	43.0

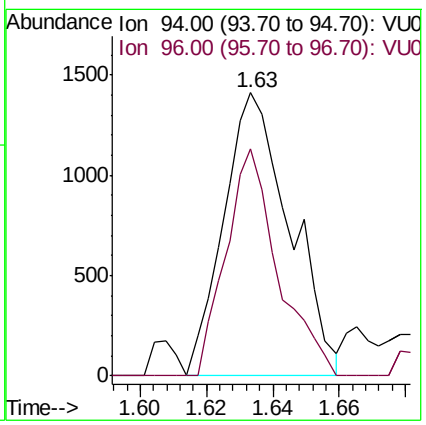


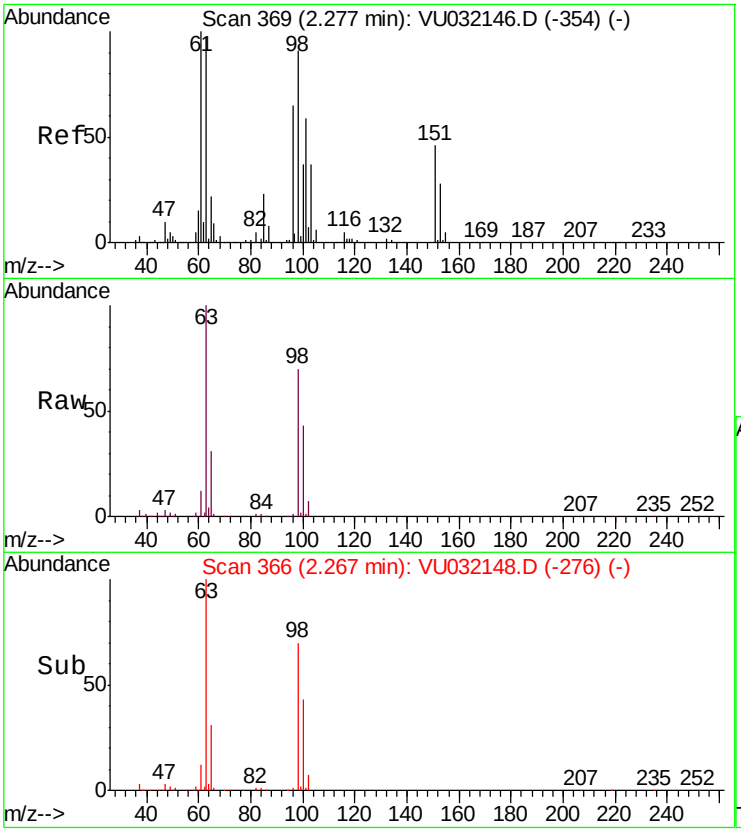


#6
Bromomethane
Concen: 0.177 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.02 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 94 Resp: 1968

Ion	Ratio	Lower	Upper
94	100		
96	80.0	63.3	117.7



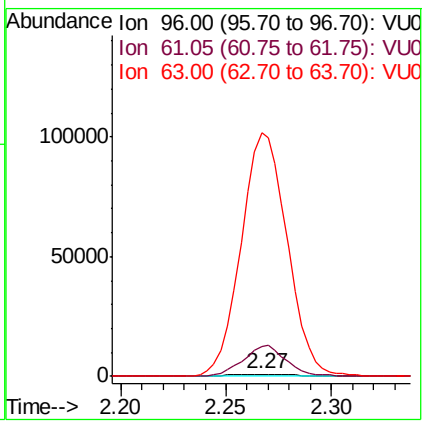


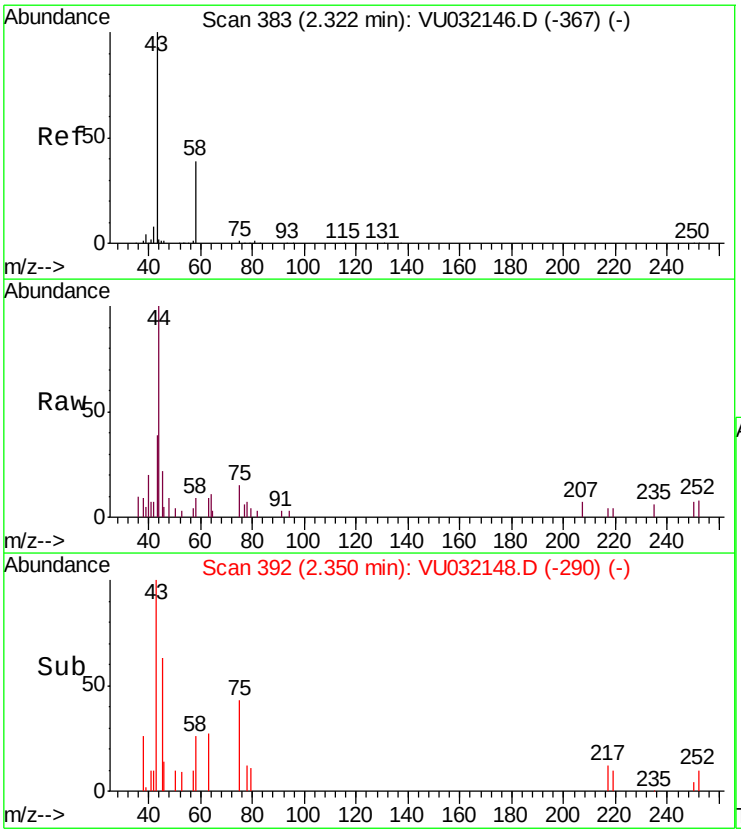
#12
1,1-Dichloroethene
Concen: 0.118 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 96 Resp: 1809

Ion	Ratio	Lower	Upper
96	100		
61	1327.1	111.7	207.5#
63	10638.5	152.2	282.6#

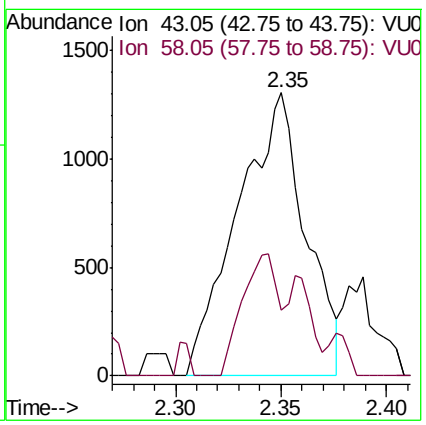


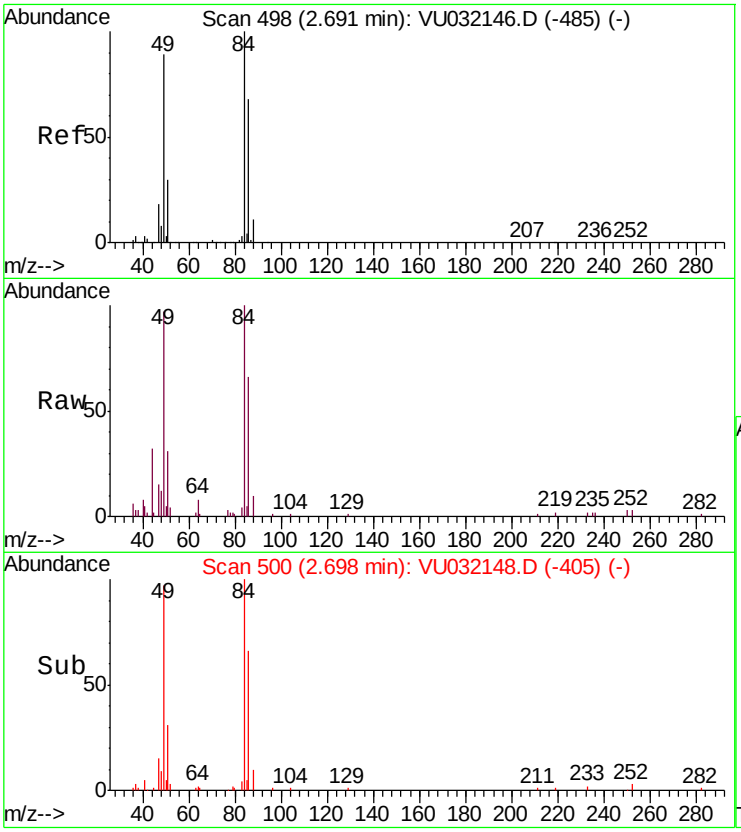


#13
Acetone
Concen: 1.404 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.03 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 43 Resp: 2921

Ion	Ratio	Lower	Upper
43	100		
58	12.2	0.0	78.8



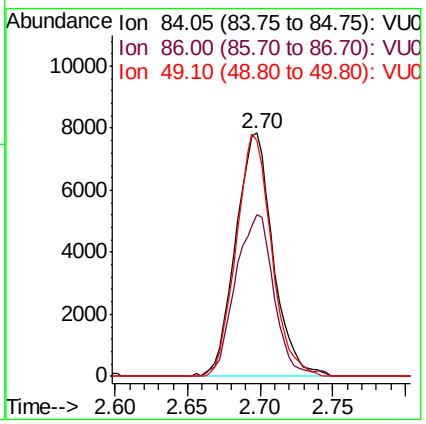


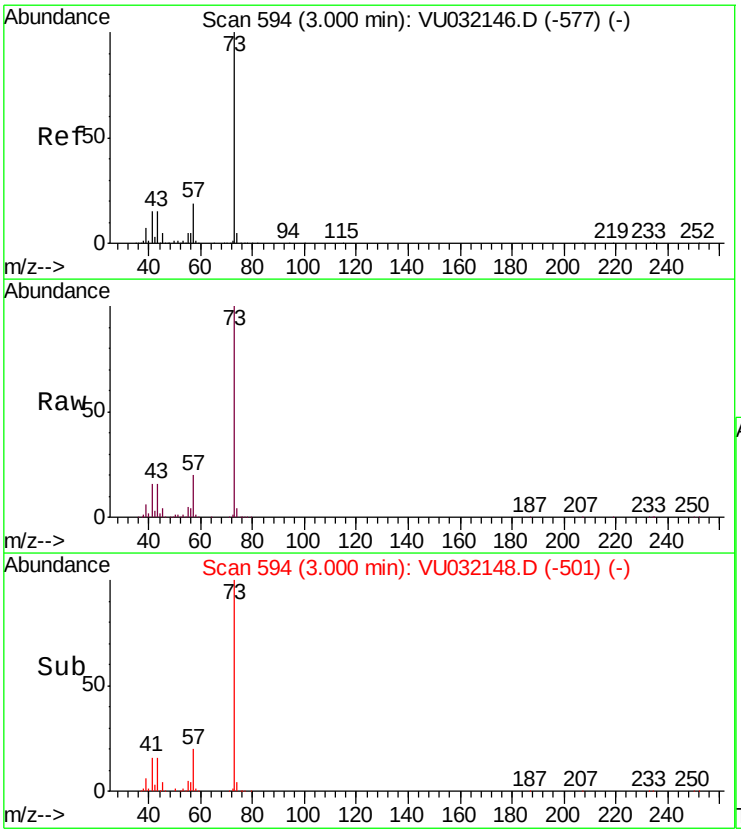
#16
Methylene chloride
Concen: 0.762 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 84 Resp: 14010

Ion	Ratio	Lower	Upper
84	100		
86	66.4	43.1	80.1
49	96.8	67.7	125.7

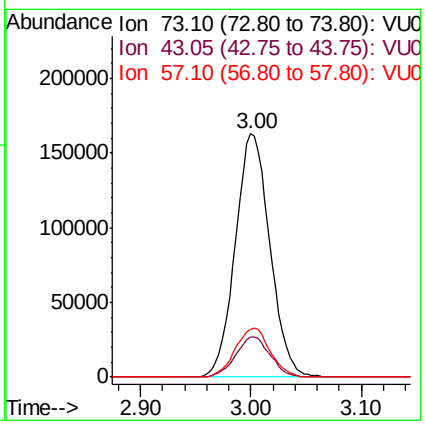


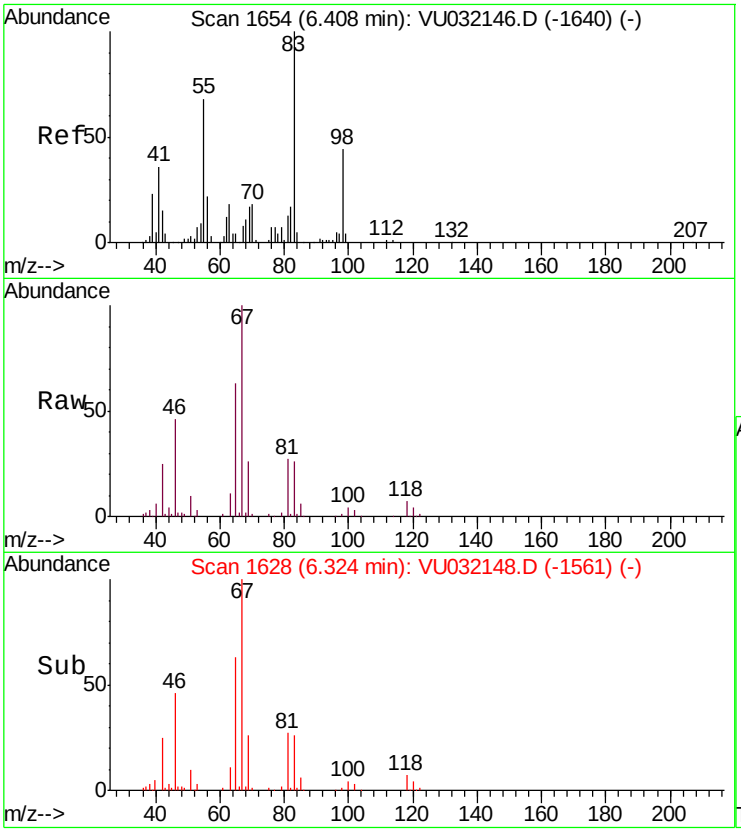


#17
Methyl tert-butyl Ether
Concen: 9.780 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 73 Resp: 353953

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.0	19.6
57	20.5	17.9	26.9



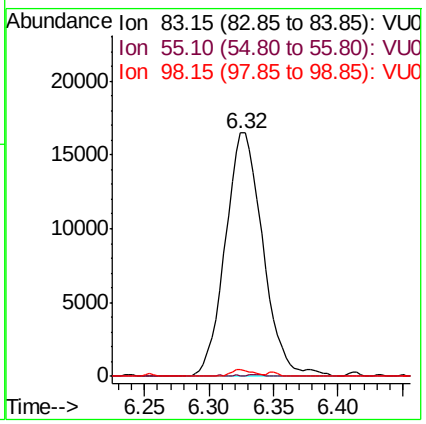


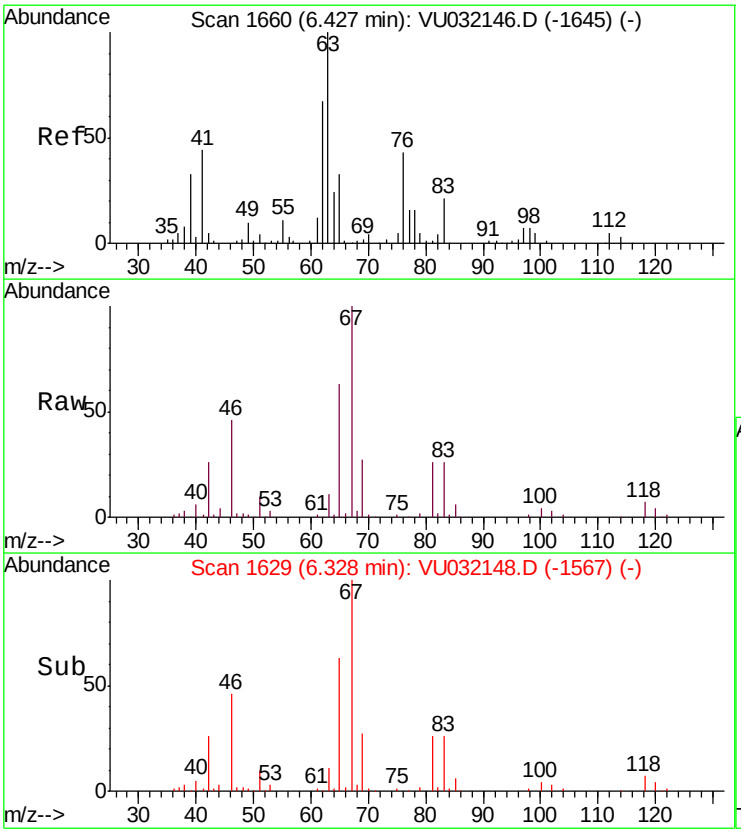
#35
Methylcyclohexane
Concen: 1.427 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 83 Resp: 33338

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	1.6	36.8	55.2#

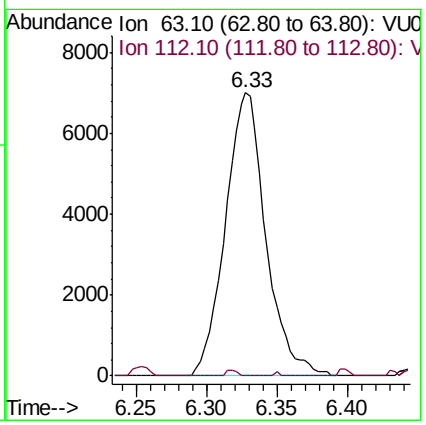


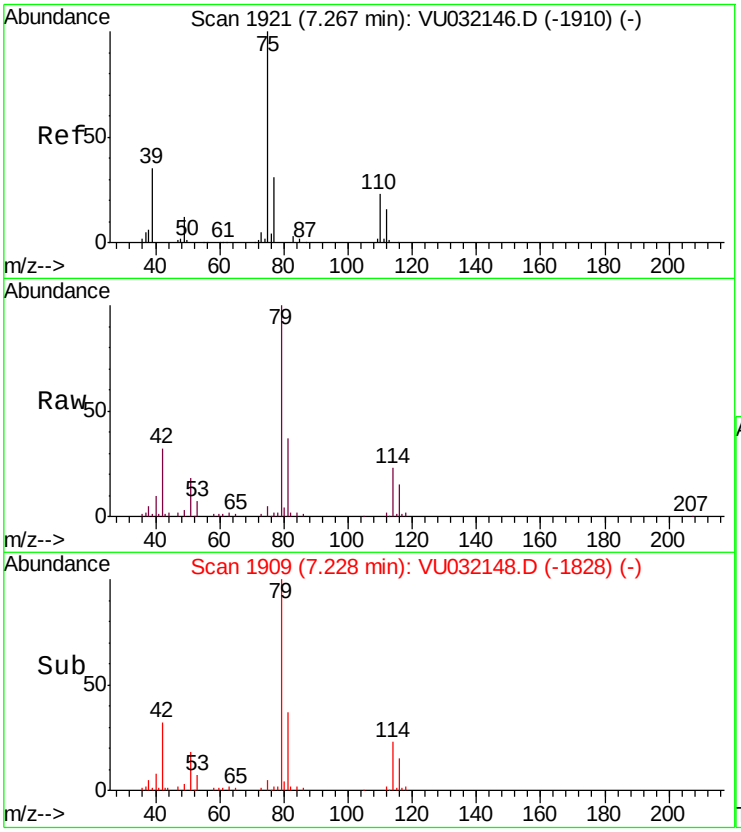


#37
1,2-Dichloropropane
Concen: 0.958 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 63 Resp: 14013

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.6#



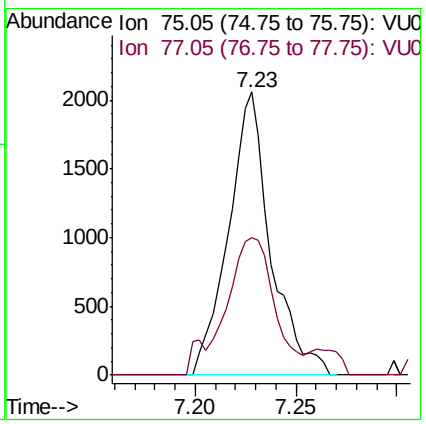


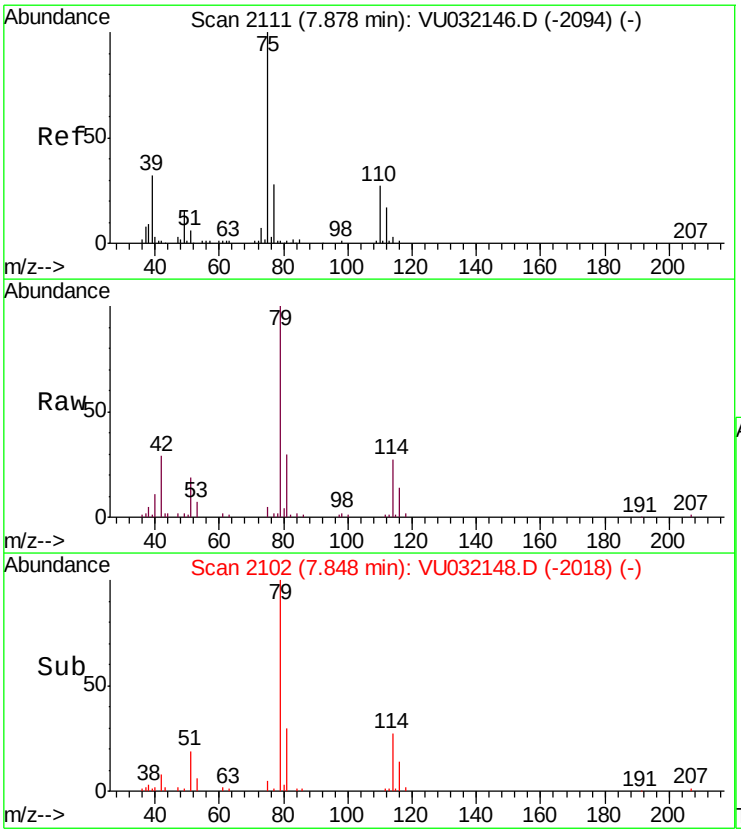
#39
cis-1,3-Dichloropropene
Concen: 0.149 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument :
MSVOA_U
ClientSampleId :
F9W04DL

Tgt Ion: 75 Resp: 3008

Ion	Ratio	Lower	Upper
75	100		
77	48.5	21.7	40.3#

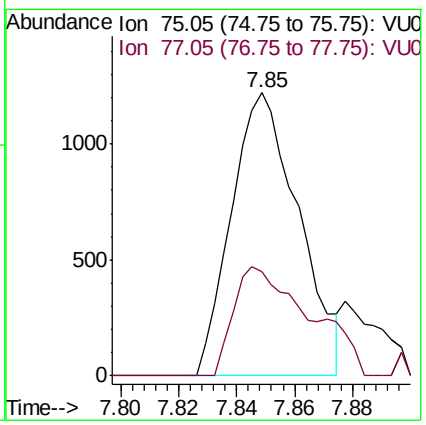


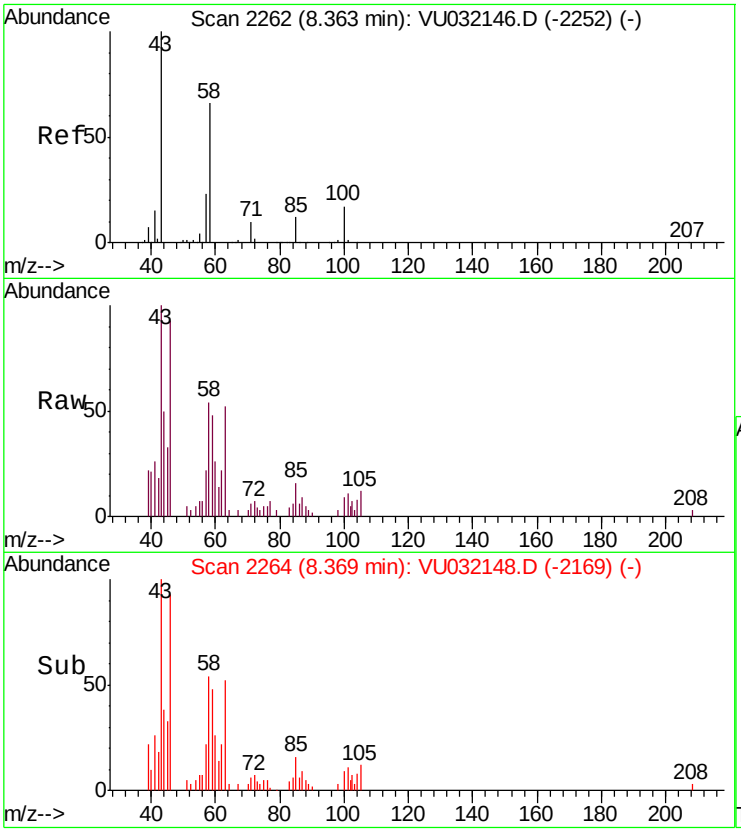


#44
trans-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 75 Resp: 1966

Ion	Ratio	Lower	Upper
75	100		
77	36.6	21.0	39.0



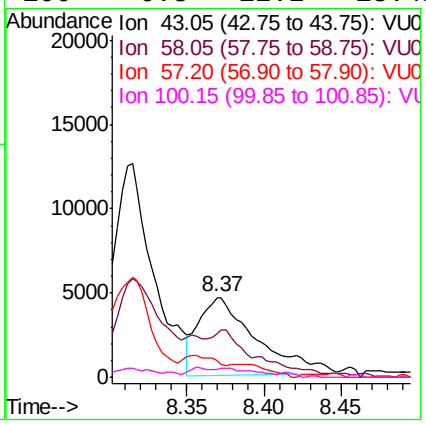


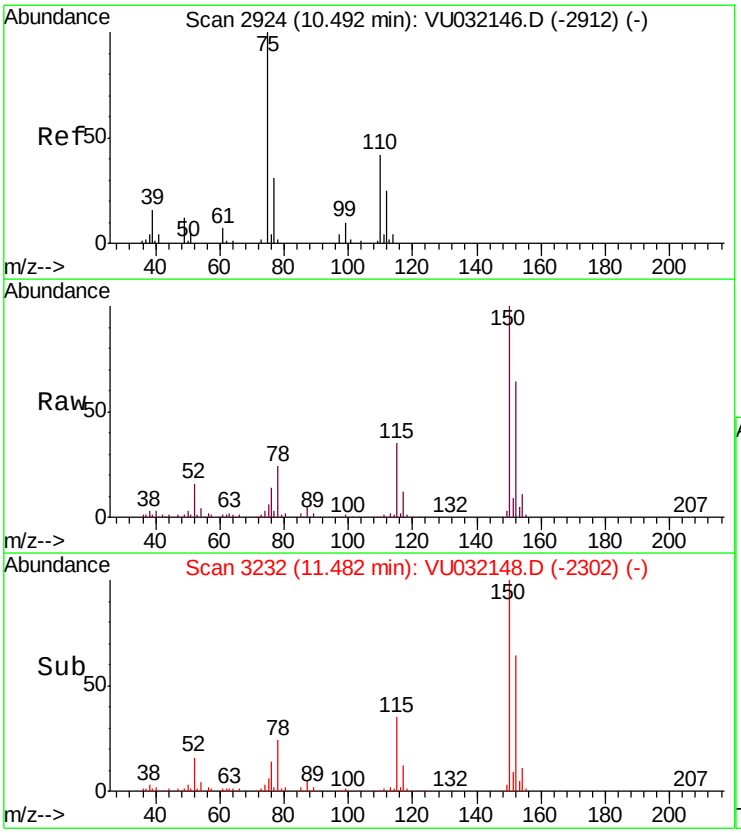
#48
2-Hexanone
Concen: 2.295 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 43 Resp: 12069

Ion	Ratio	Lower	Upper
43	100		
58	44.0	51.6	77.4#
57	0.0	18.4	27.6#
100	6.8	12.2	18.4#





#59
1,2,3-Trichloropropane
Concen: 1.699 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032148.D
Acq: 20 May 2019 12:23

Tgt Ion: 75 Resp: 15782

Ion	Ratio	Lower	Upper
75	100		
77	40.9	26.2	39.2#