Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032062.D
Acq On : 16 May 2019 20:39
Operator : JC/SP
Sample : K2850-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W04

Quant Time: May 17 07:23:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	406222	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156669	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153084	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.67	69	130959	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.27	63	213371	3.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.20%			
20) 2-Butanone-d5	4.19	46	275498	41.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.02%			
24) Chloroform-d	4.64	84	264153	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.31	65	131945	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
32) Benzene-d6	5.33	84	545360	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.33	67	159296	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.56	98	453883	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.85	79	55217	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.31	63	237908	41.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.64%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128310	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	159568	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			

Target Compounds						Qvalue
8) Chloroethane	1.58	64	7025	0.553	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2520	0.151	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2121	0.130	ug/L #	1
13) Acetone	2.32	43	8804	3.992	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	2091194	54.526	ug/L	97
35) Methylcyclohexane	6.32	83	38776	1.627	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	17305	1.160	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4106	0.199	ug/L	84
48) 2-Hexanone	8.37	43	6136	1.144	ug/L #	53
59) 1,2,3-Trichloropropane	11.48	75	17320	1.828	ug/L #	87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

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Sample : K2850-04
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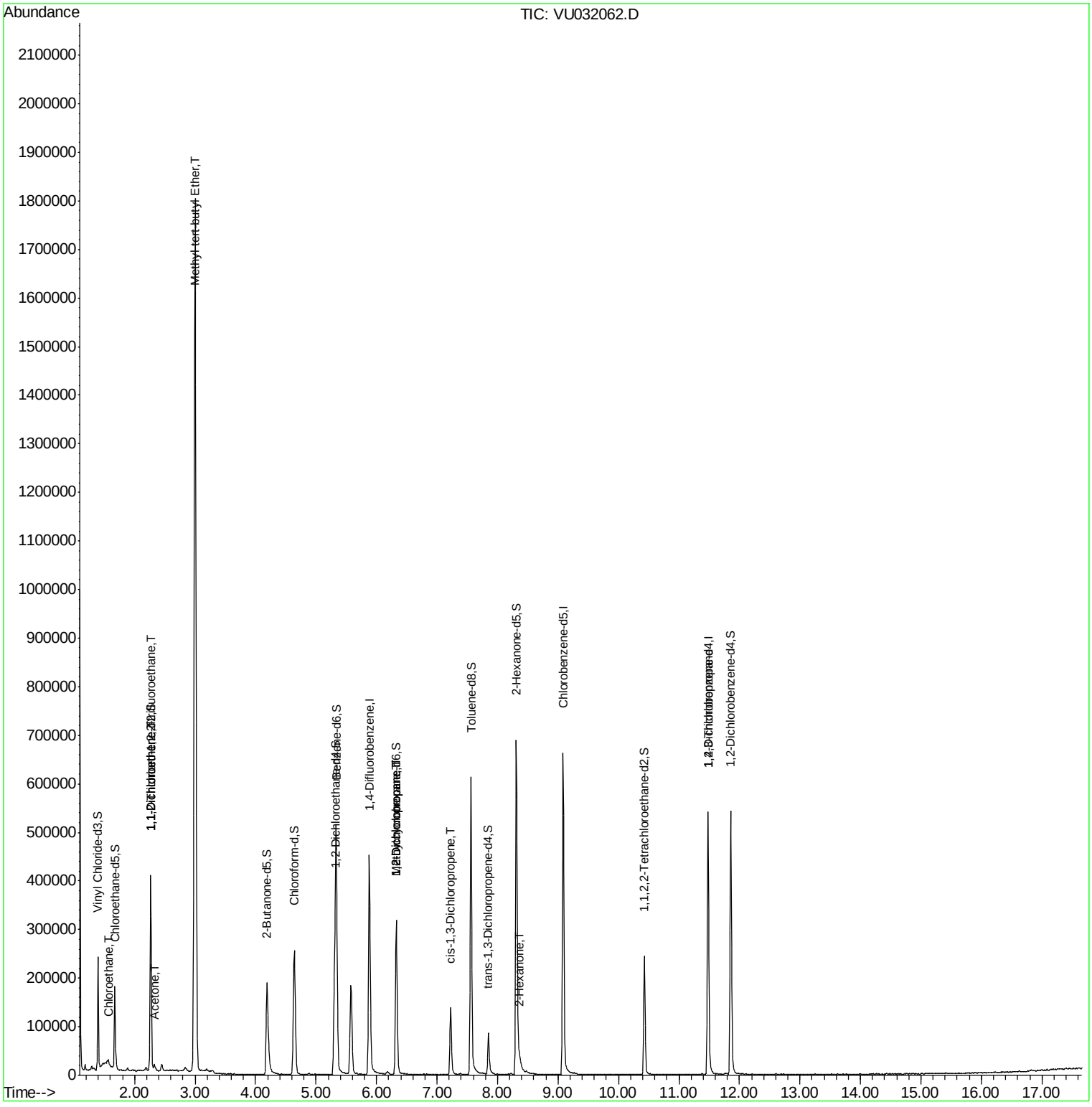
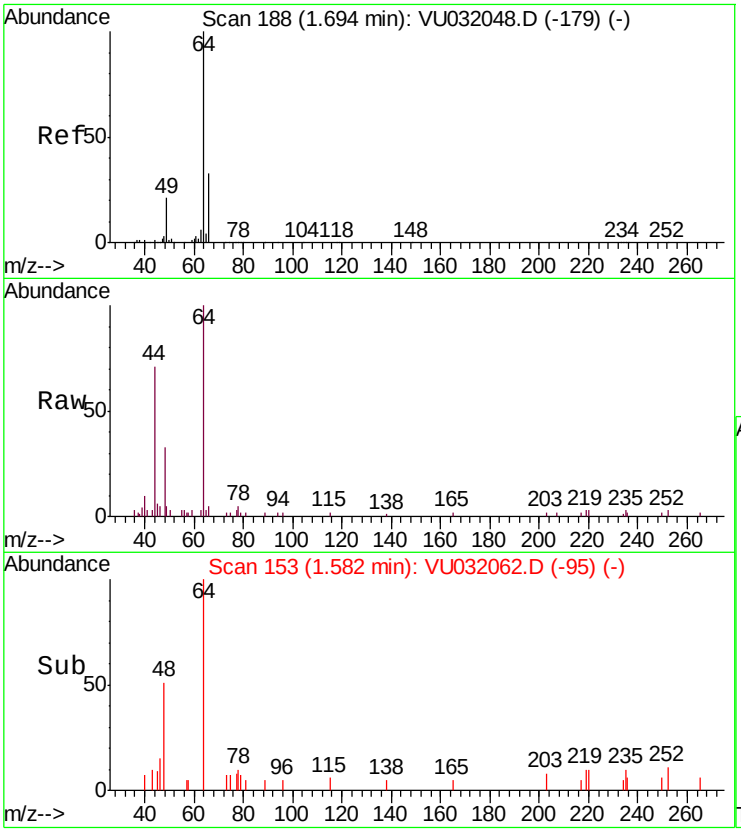
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W04

Quant Time: May 17 07:23:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



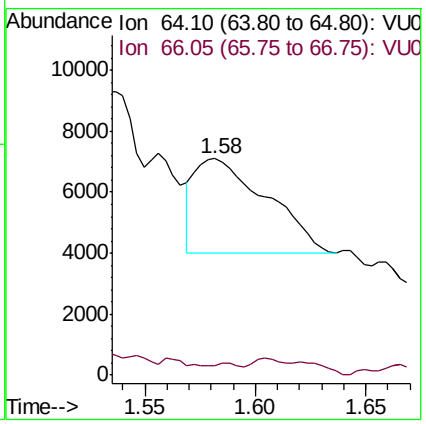


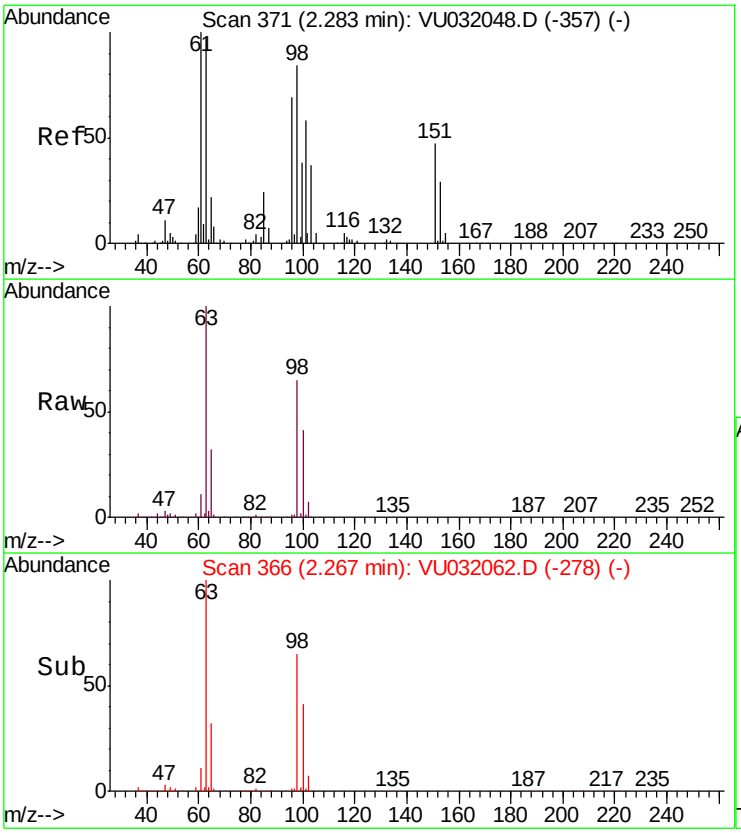
#8
Chloroethane
Concen: 0.553 ug/L
RT: 1.58 min Scan# 153
Delta R.T. -0.11 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
F9W04

Tgt Ion: 64 Resp: 7025

Ion	Ratio	Lower	Upper
64	100		
66	4.7	22.0	41.0#

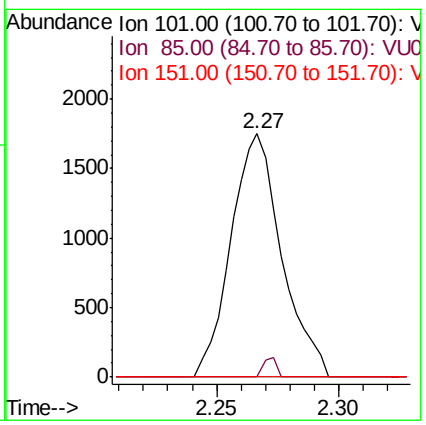


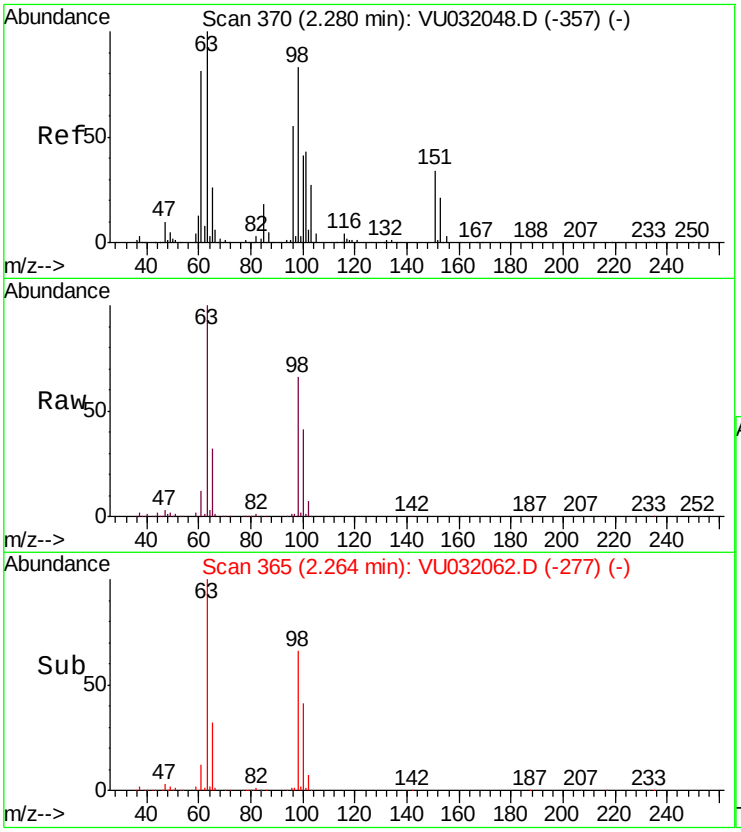


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.151 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Tgt Ion:101 Resp: 2520

Ion	Ratio	Lower	Upper
101	100		
85	1.9	33.8	50.8#
151	0.8	59.4	89.2#



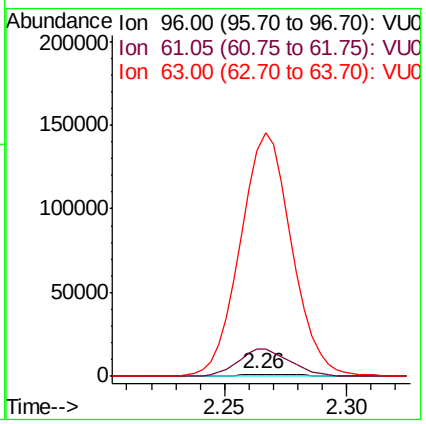


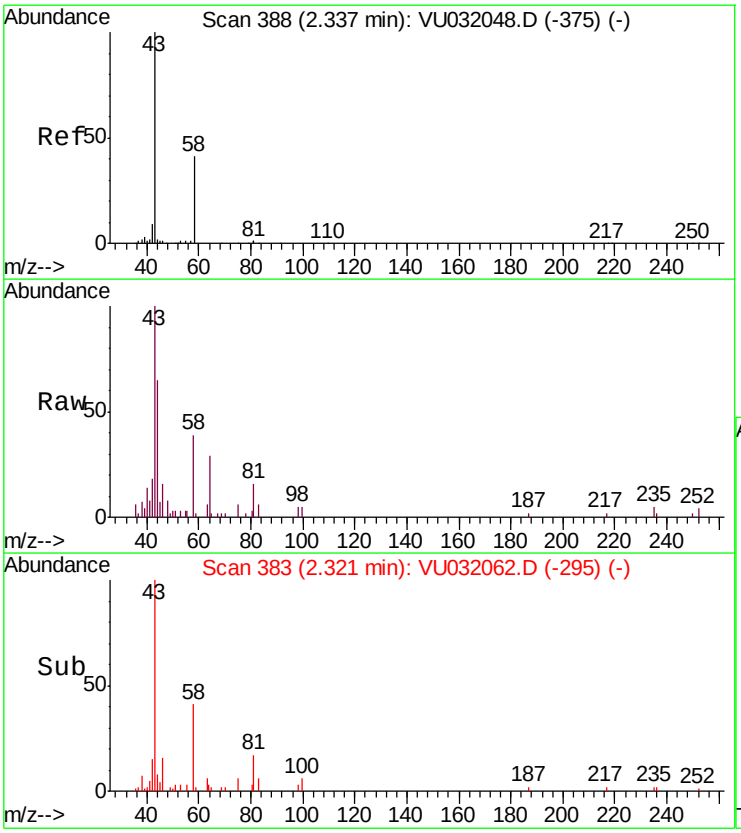
#12
1,1-Dichloroethene
Concen: 0.130 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
F9W04

Tgt Ion: 96 Resp: 2121

Ion	Ratio	Lower	Upper
96	100		
61	1198.4	111.7	207.5#
63	10090.7	152.2	282.6#

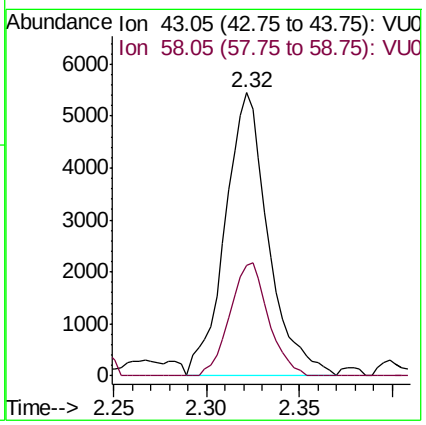


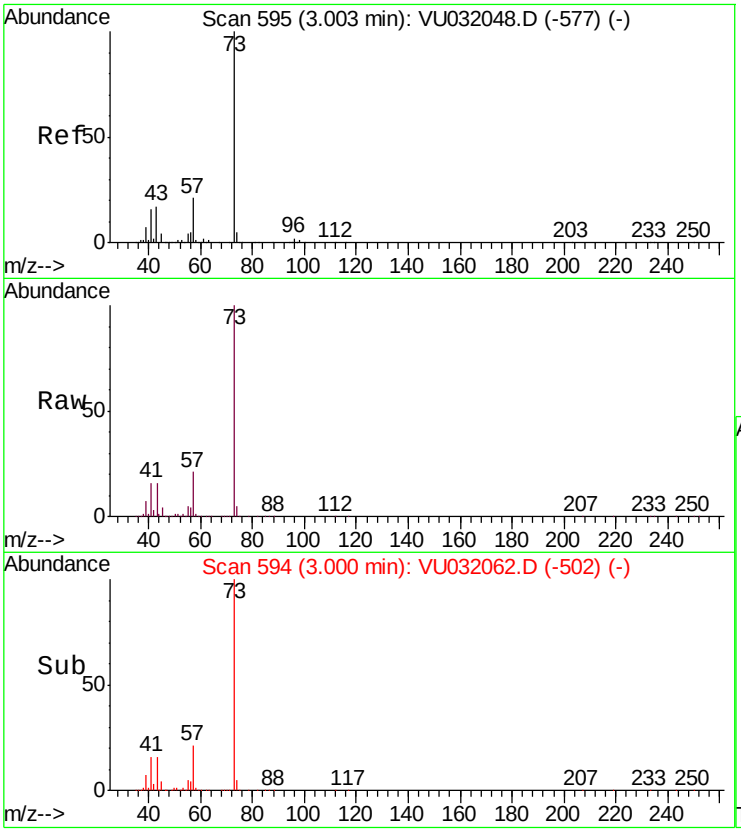


#13
Acetone
Concen: 3.992 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Tgt Ion: 43 Resp: 8804

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	78.8



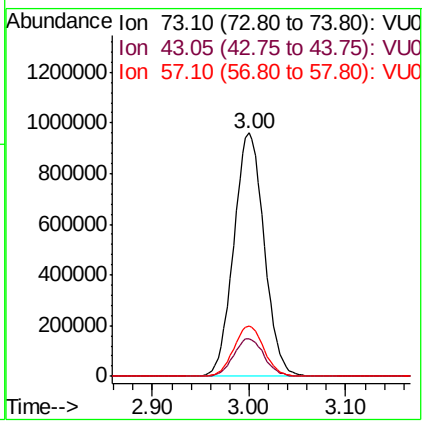


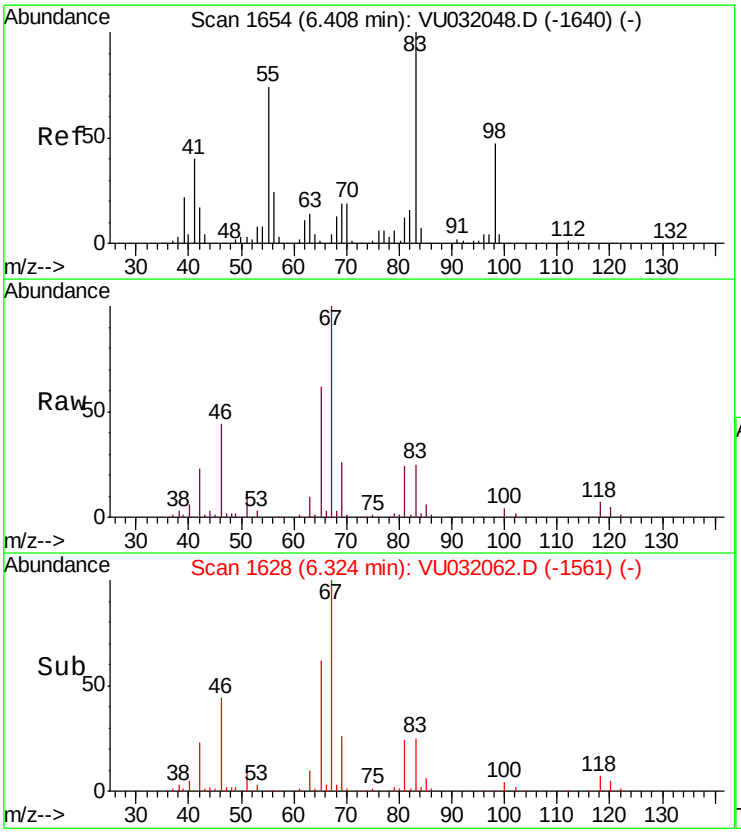
#17
Methyl tert-butyl Ether
Concen: 54.526 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
F9W04

Tgt Ion: 73 Resp: 2091194

Ion	Ratio	Lower	Upper
73	100		
43	15.6	13.0	19.6
57	20.6	17.9	26.9

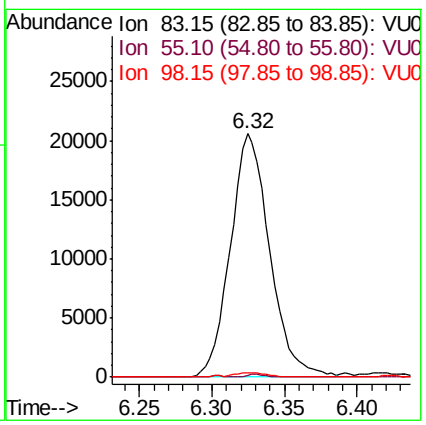


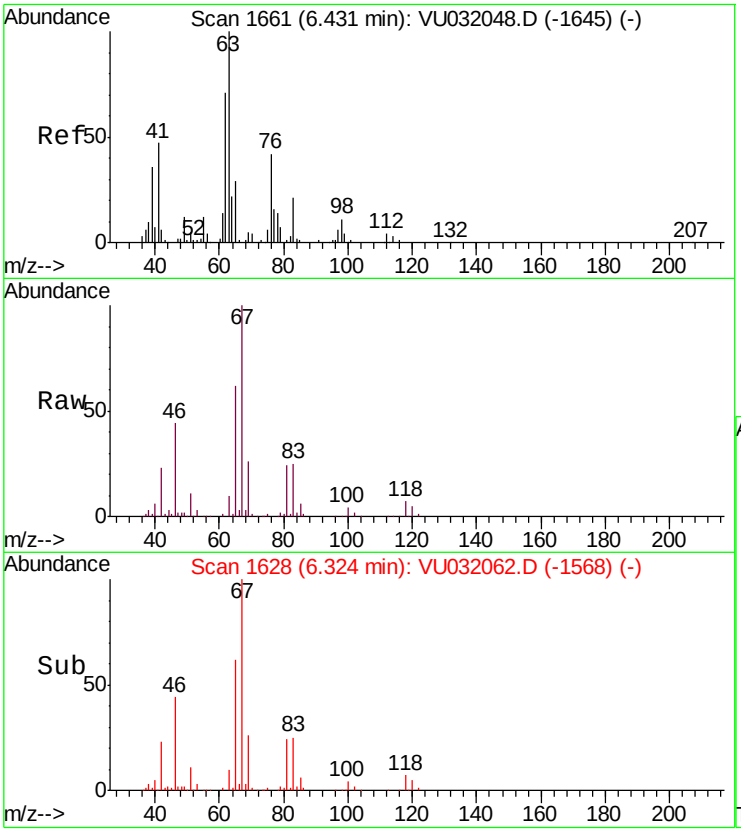


#35
Methylcyclohexane
Concen: 1.627 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Tgt Ion: 83 Resp: 38776

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.7	89.5#
98	1.4	36.8	55.2#



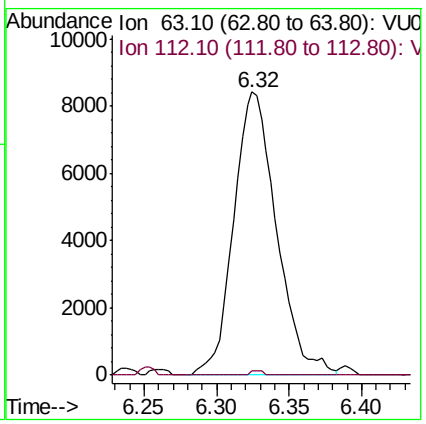


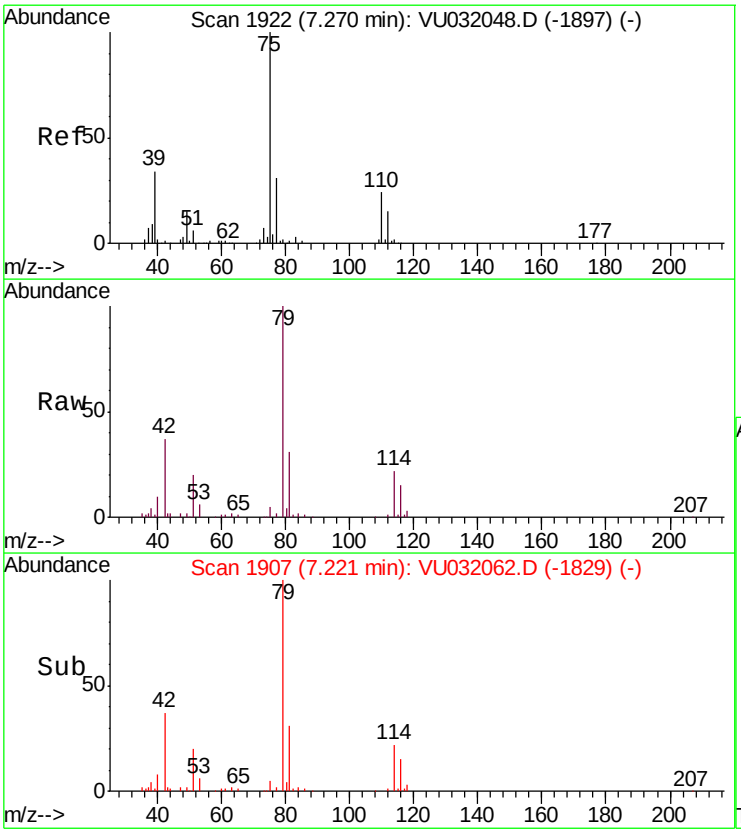
#37
1,2-Dichloropropane
Concen: 1.160 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Instrument :
MSVOA_U
ClientSampleId :
F9W04

Tgt Ion: 63 Resp: 17305

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.6#

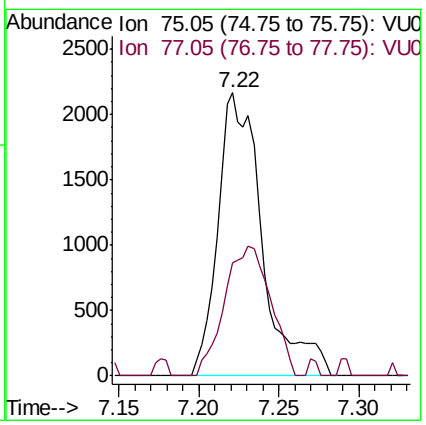


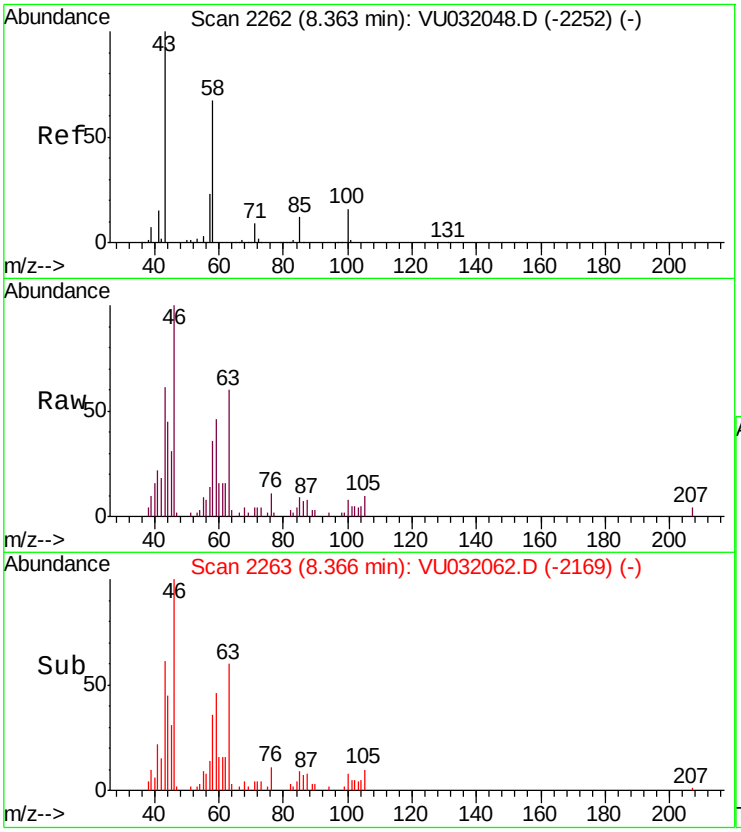


#39
cis-1,3-Dichloropropene
Concen: 0.199 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Tgt Ion: 75 Resp: 4106

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.7	40.3



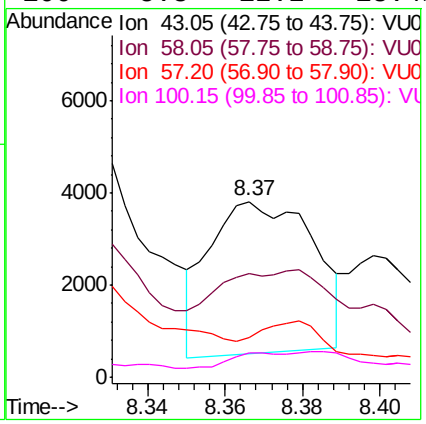


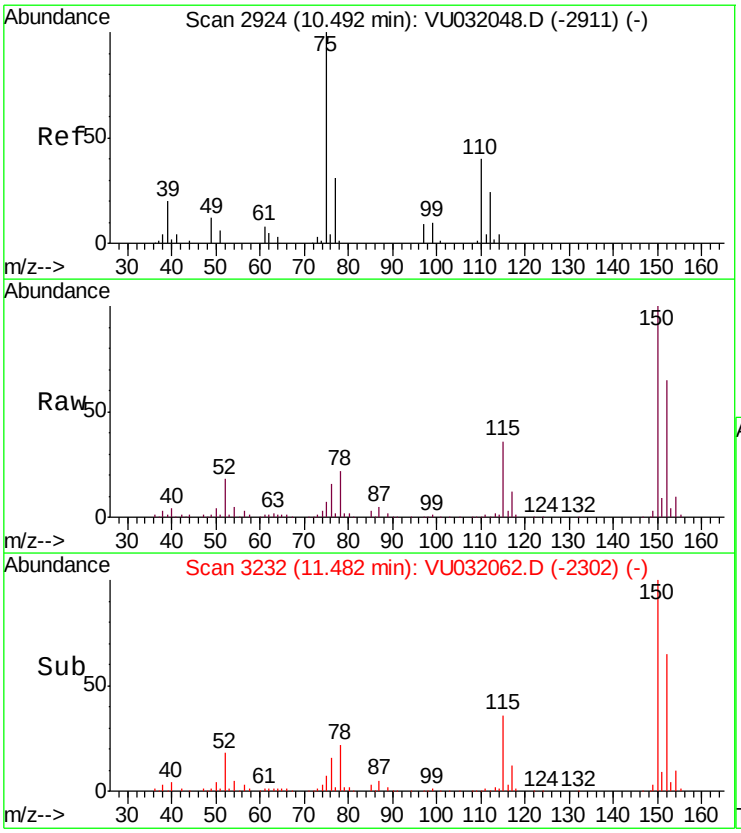
#48
2-Hexanone
Concen: 1.144 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Instrument : MSVOA_U
ClientSampleId : F9W04

Tgt Ion: 43 Resp: 6136

Ion	Ratio	Lower	Upper
43	100		
58	117.5	51.6	77.4#
57	24.4	18.4	27.6
100	5.3	12.2	18.4#





#59
1,2,3-Trichloropropane
Concen: 1.828 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032062.D
Acq: 16 May 2019 20:39

Tgt Ion: 75 Resp: 17320

Ion	Ratio	Lower	Upper
75	100		
77	39.9	26.2	39.2#