Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032811.D
Acq On : 18 Jun 2019 10:11
Operator : JC/SP
Sample : VLEB#04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VLEB01

Quant Time: Jun 19 01:30:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230196	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117295	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	65947	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.84%			
7) Chloroethane-d5	1.68	69	55540	44.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.54%			
11) 1,1-Dichloroethene-d2	2.26	63	103798	32.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.50%			
21) 2-Butanone-d5	4.16	46	130151	99.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.40%			
24) Chloroform-d	4.64	84	137749	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.08%			
26) 1,2-Dichloroethane-d4	5.30	65	96314	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%			
32) Benzene-d6	5.33	84	275441	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.56%			
36) 1,2-Dichloropropane-d6	6.32	67	88554	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.44%			
41) Toluene-d8	7.56	98	253239	46.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.84%			
43) trans-1,3-Dichloropropene-	7.84	79	44559	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.32%			
47) 2-Hexanone-d5	8.31	63	93474	107.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.88%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	132708	46.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.52%			
64) 1,2-Dichlorobenzene-d4	11.85	152	106617	46.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.94%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1046	0.869	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	867	0.564	ug/L #	17
12) 1,1-Dichloroethene	2.26	96	837	0.577	ug/L #	1
13) Acetone	2.32	43	5911	3.268	ug/L	96
16) Methylene chloride	2.69	84	11109	6.531	ug/L	96
27) 1,2-Dichloroethane	5.33	62	1557	0.613	ug/L #	77
35) Methylcyclohexane	6.32	83	20738	7.800	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10415	5.898	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3475	1.263	ug/L #	63
40) 4-Methyl-2-pentanone	7.41	43	53231	18.881	ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	2129	0.824	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	15184	6.443	ug/L	90

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

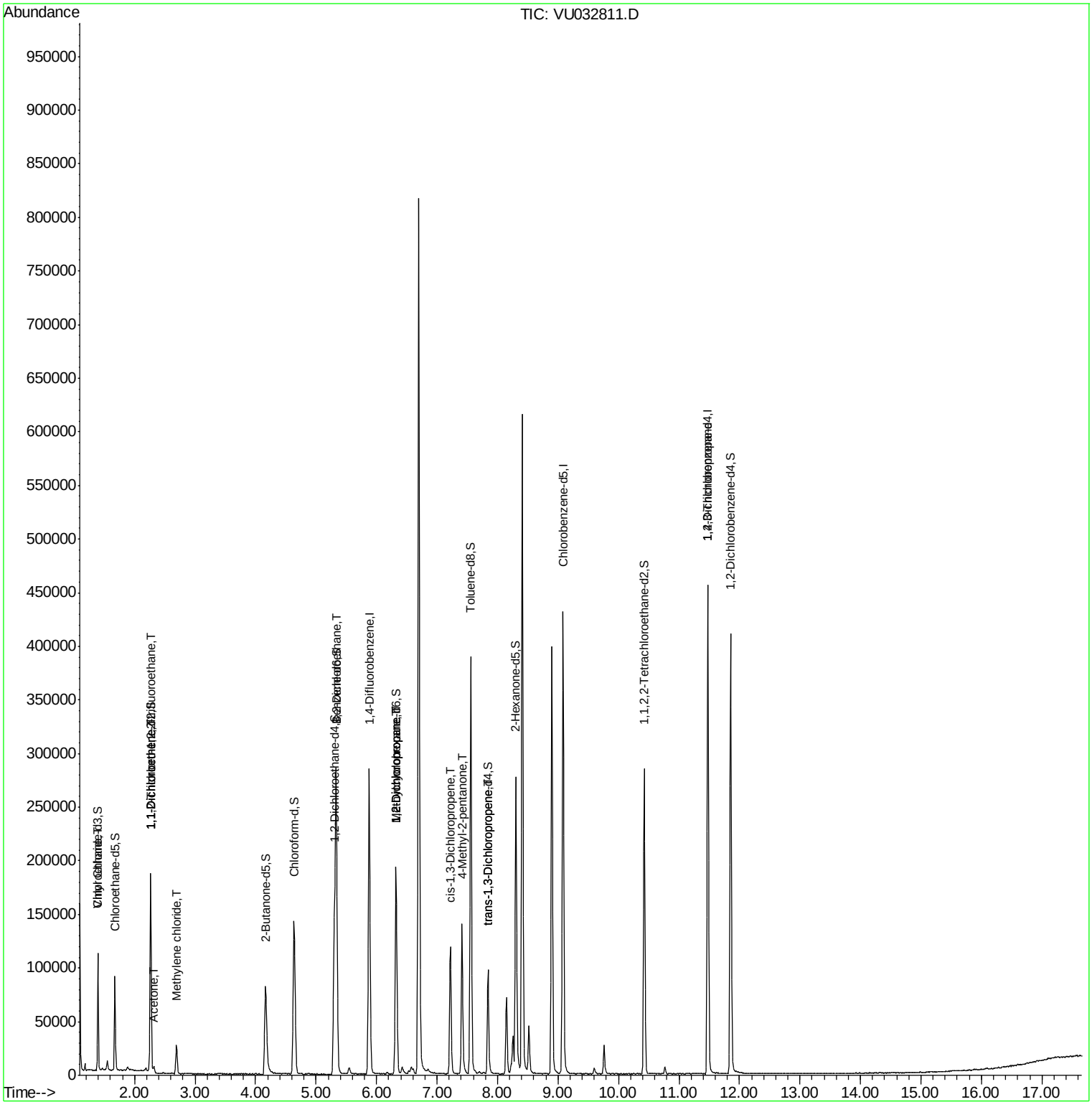
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

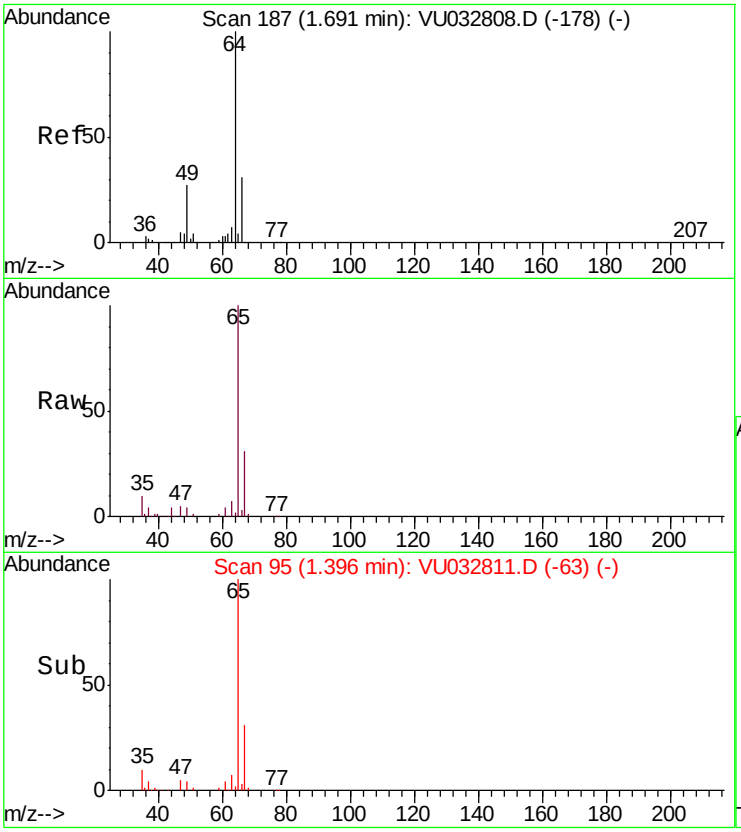
Quantitation Report (Not Reviewed)

Data File : VU032811.D
Acq On : 18 Jun 2019 10:11
Operator : JC/SP
Sample : VLEB#04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jun 19 01:30:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration



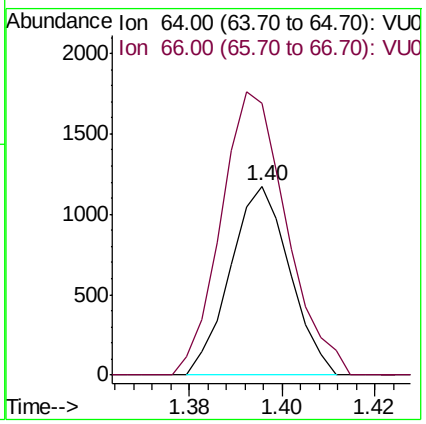


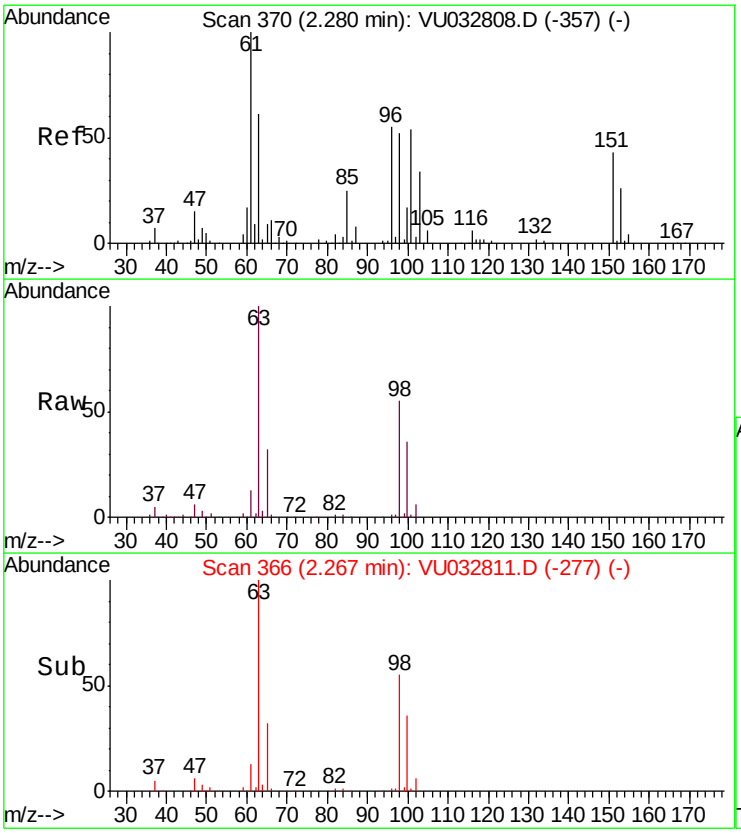
#8
Chloroethane
Concen: 0.869 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 64 Resp: 1046

Ion	Ratio	Lower	Upper
64	100		
66	143.7	22.5	41.7#

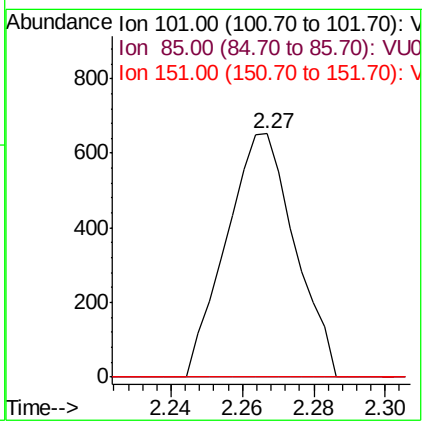


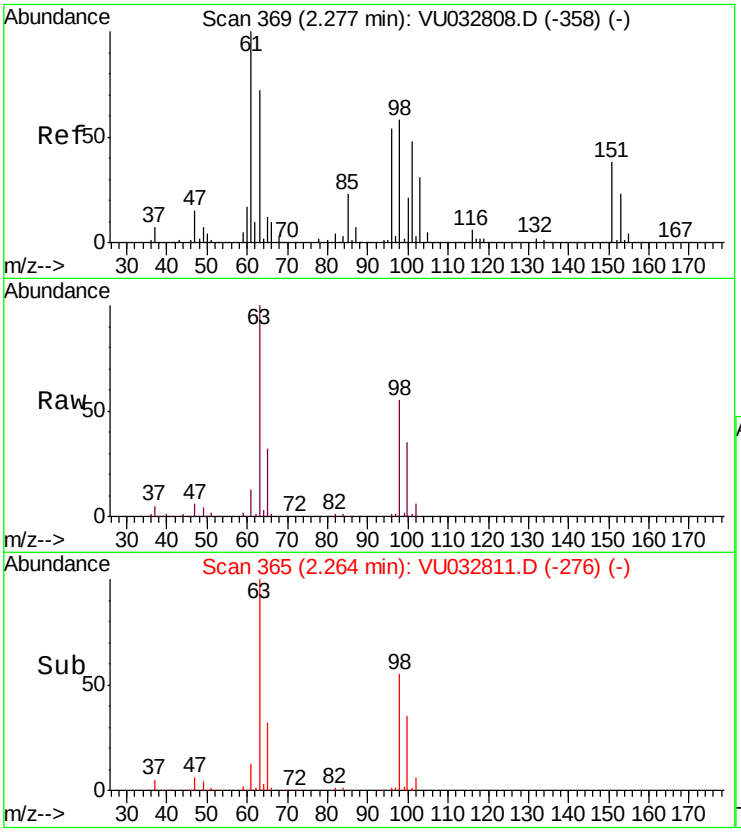


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.564 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion:101 Resp: 867

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



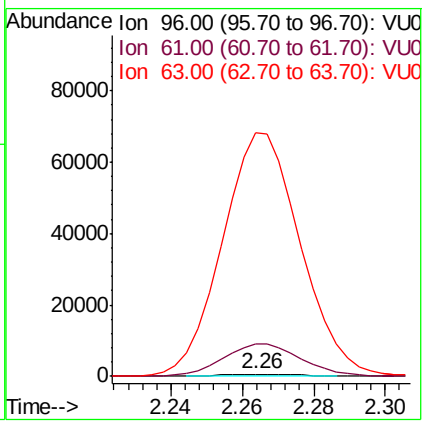


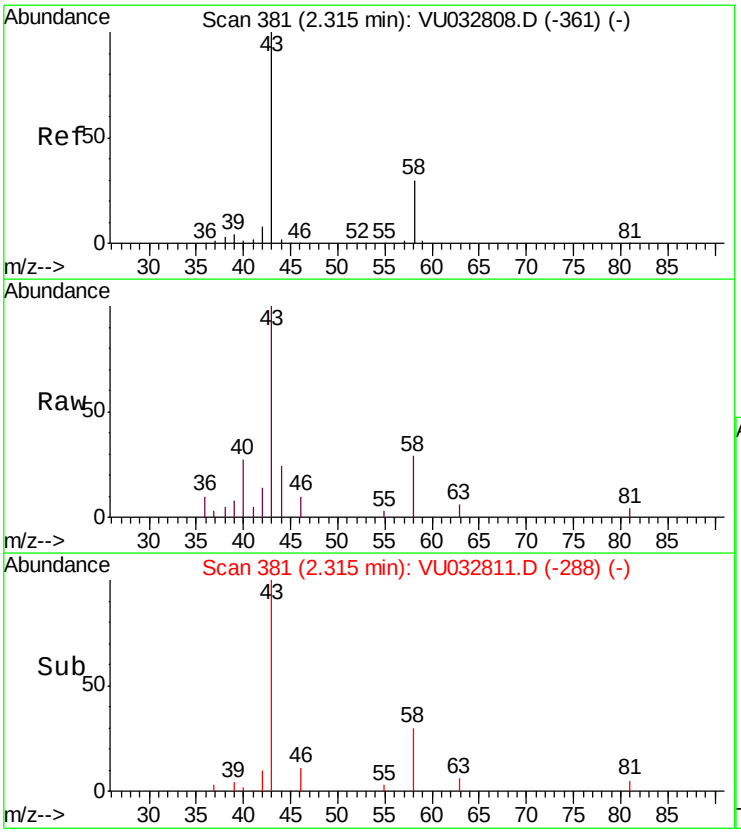
#12
1,1-Dichloroethene
Concen: 0.577 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 96 Resp: 837

Ion	Ratio	Lower	Upper
96	100		
61	1718.8	131.0	243.4#
63	13093.3	101.0	187.6#

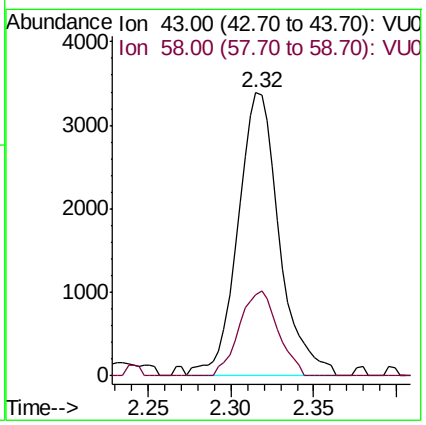


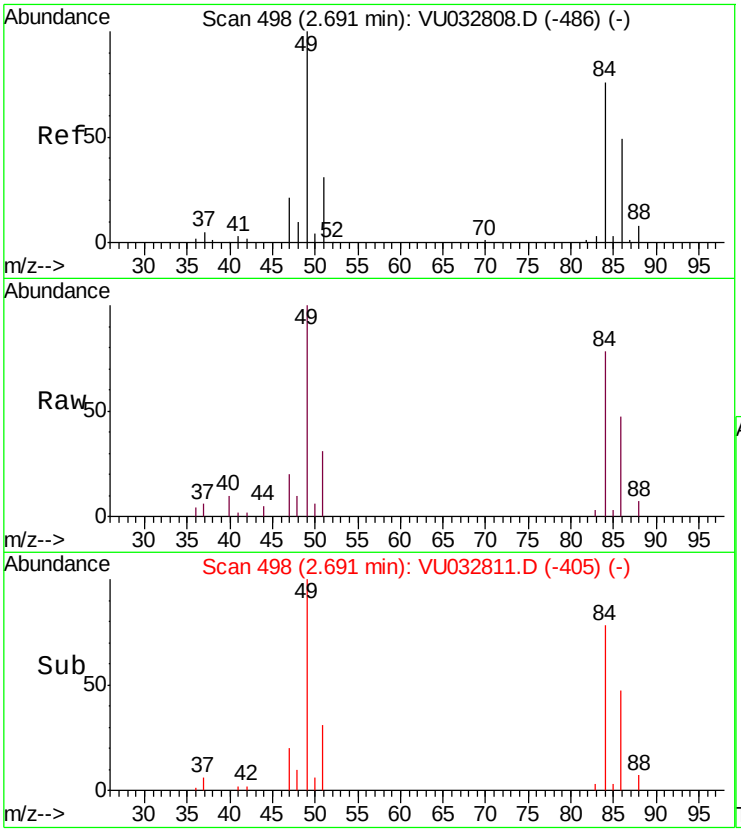


#13
Acetone
Concen: 3.268 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion: 43 Resp: 5911

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	60.6



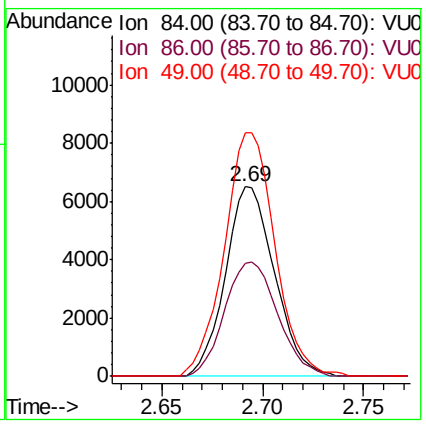


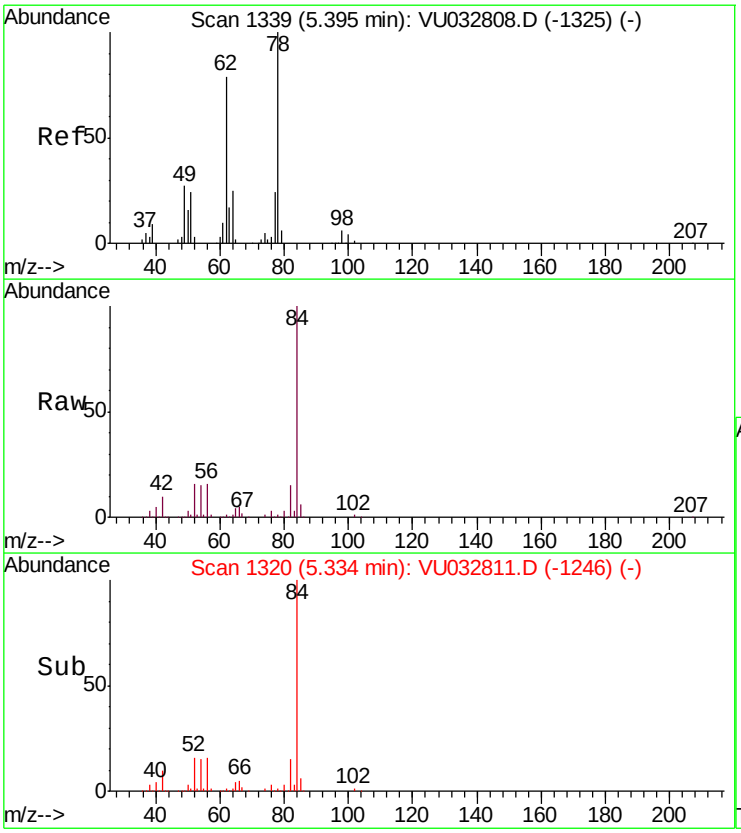
#16
Methylene chloride
Concen: 6.531 ug/L
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 84 Resp: 11109

Ion	Ratio	Lower	Upper
84	100		
86	59.8	45.5	84.5
49	128.2	92.1	171.1

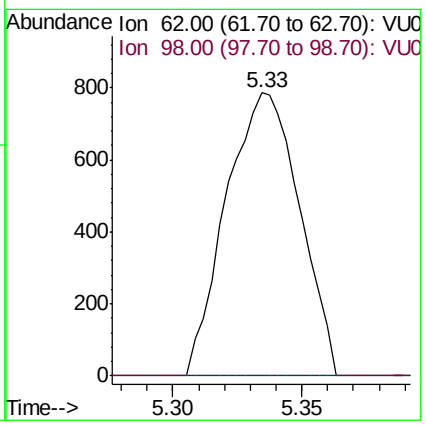


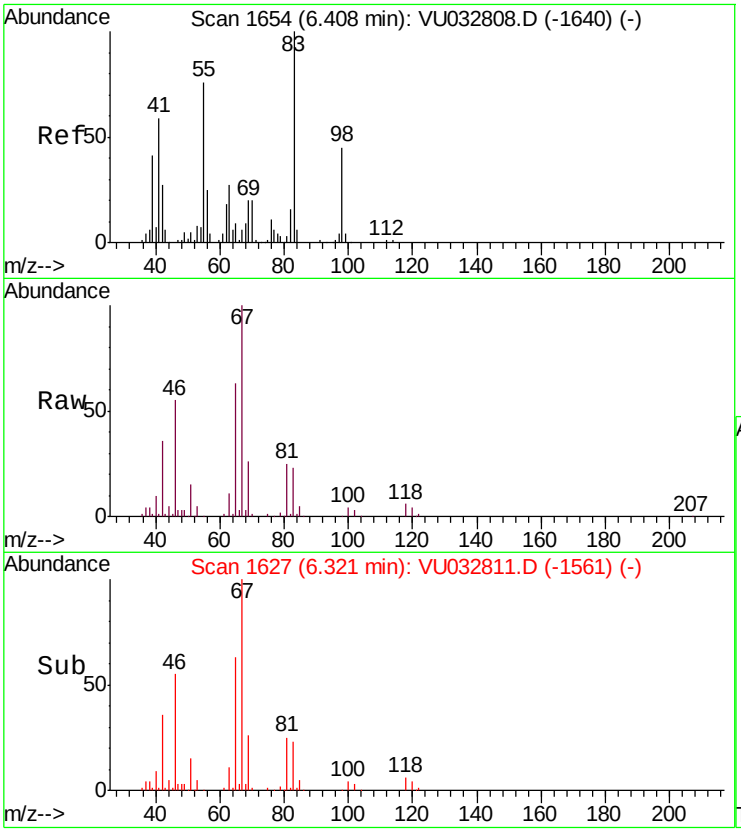


#27
1,2-Dichloroethane
Concen: 0.613 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.06 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion: 62 Resp: 1557

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



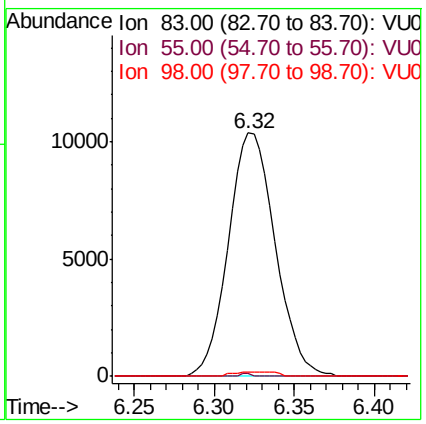


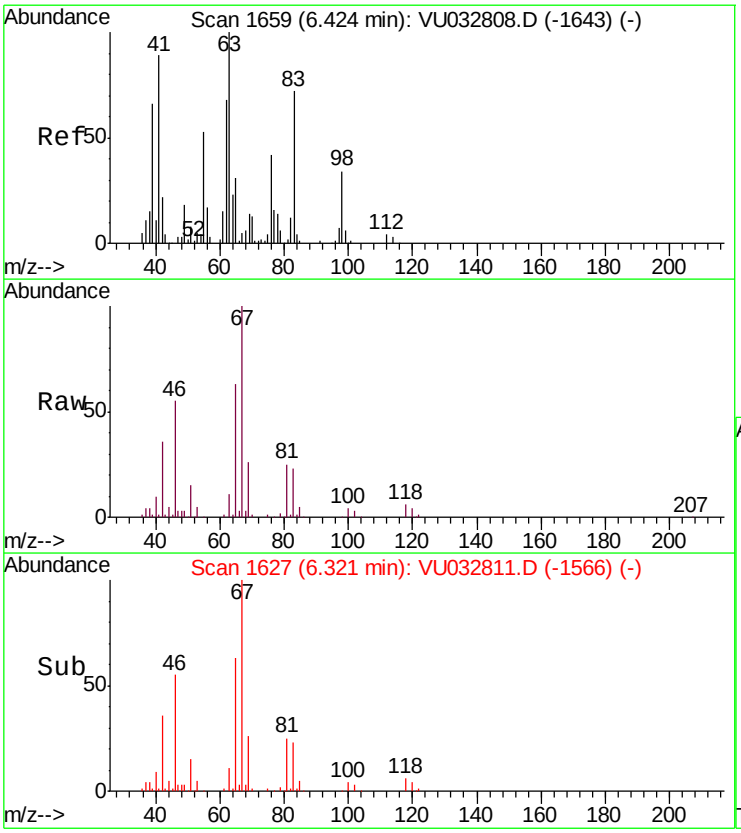
#35
Methylcyclohexane
Concen: 7.800 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 83 Resp: 20738

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	1.0	37.4	56.0#

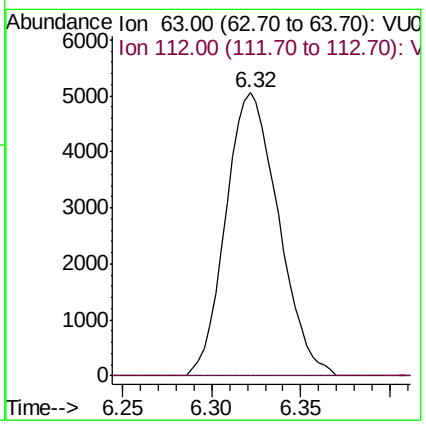


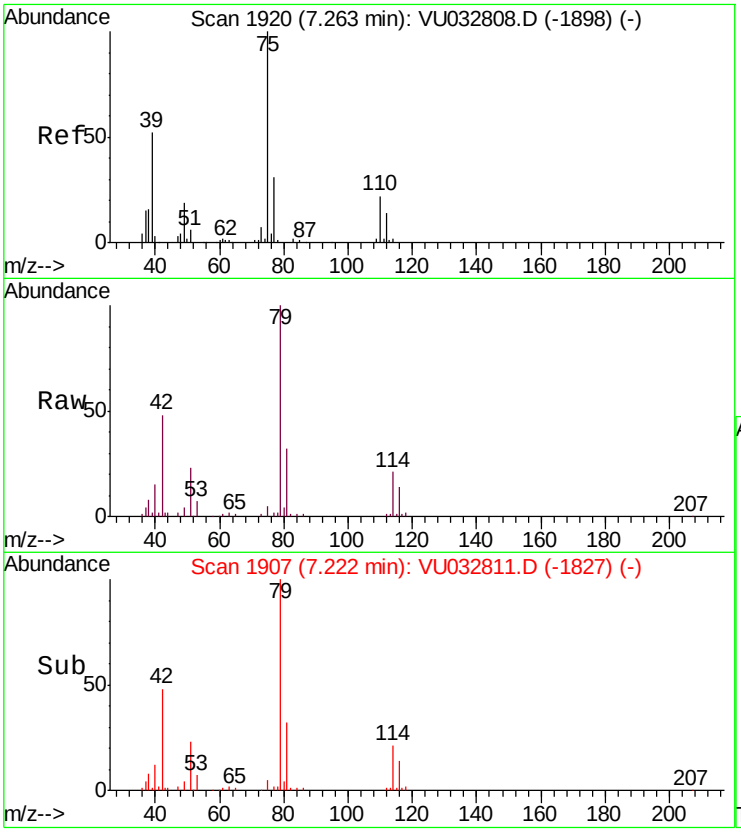


#37
1,2-Dichloropropane
Concen: 5.898 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion: 63 Resp: 10415

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



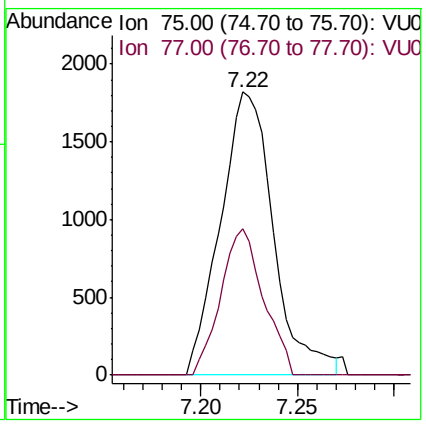


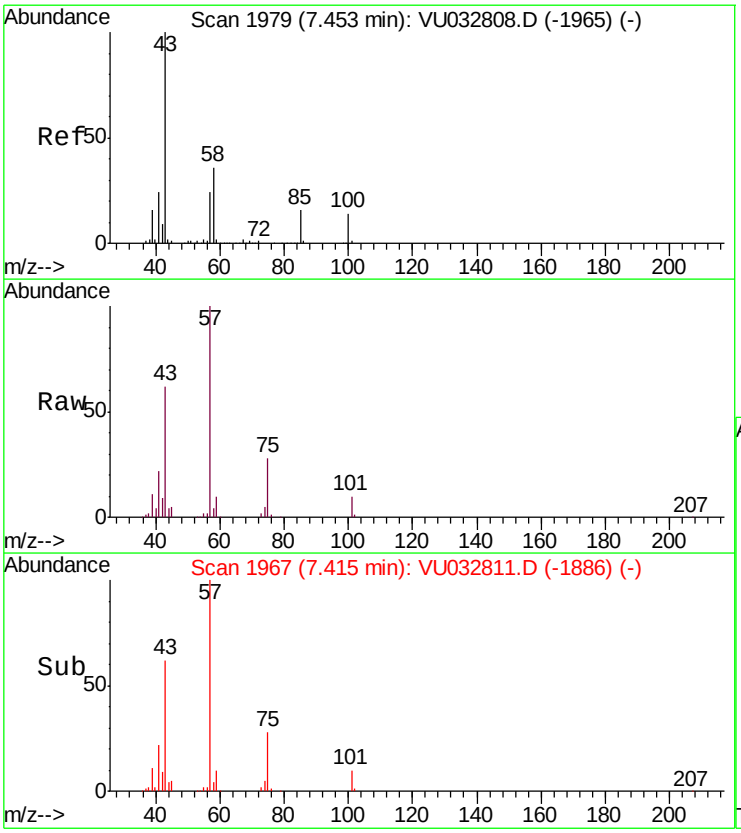
#39
cis-1,3-Dichloropropene
Concen: 1.263 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 75 Resp: 3475

Ion	Ratio	Lower	Upper
75	100		
77	51.6	21.9	40.7#

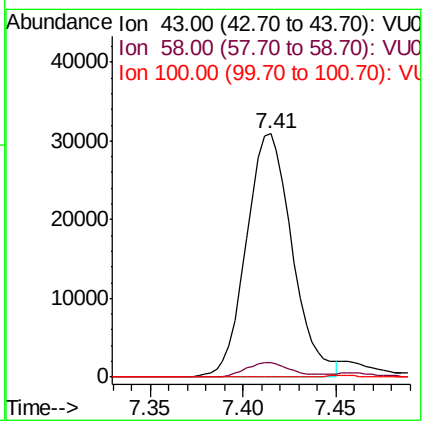


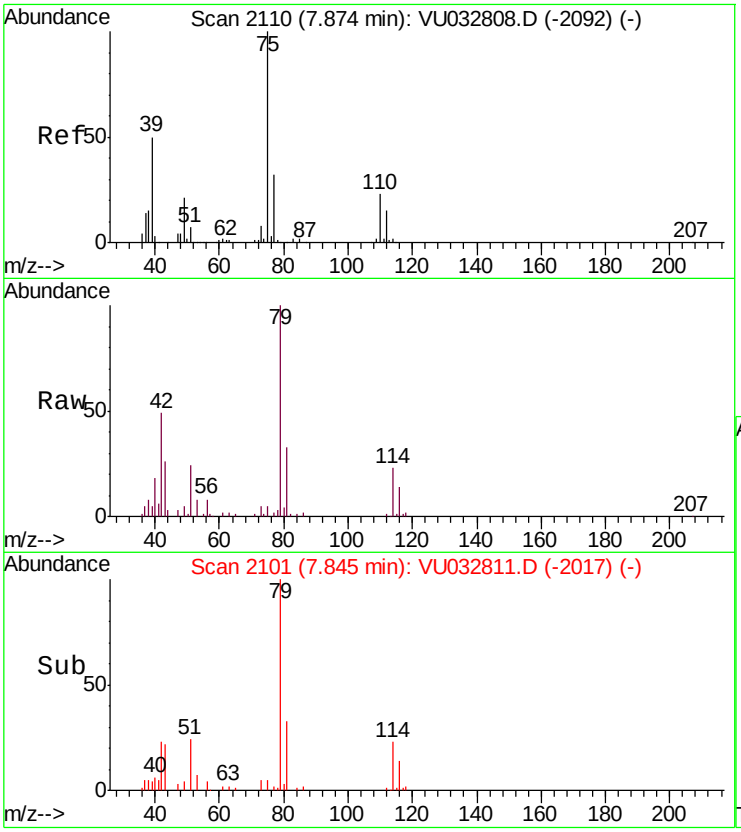


#40
4-Methyl-2-pentanone
Concen: 18.881 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion: 43 Resp: 53231

Ion	Ratio	Lower	Upper
43	100		
58	6.0	29.4	44.2#
100	0.0	11.2	16.8#



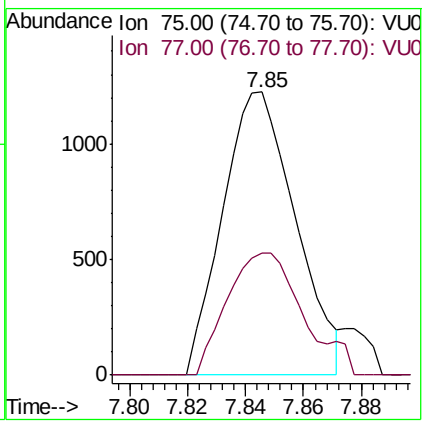


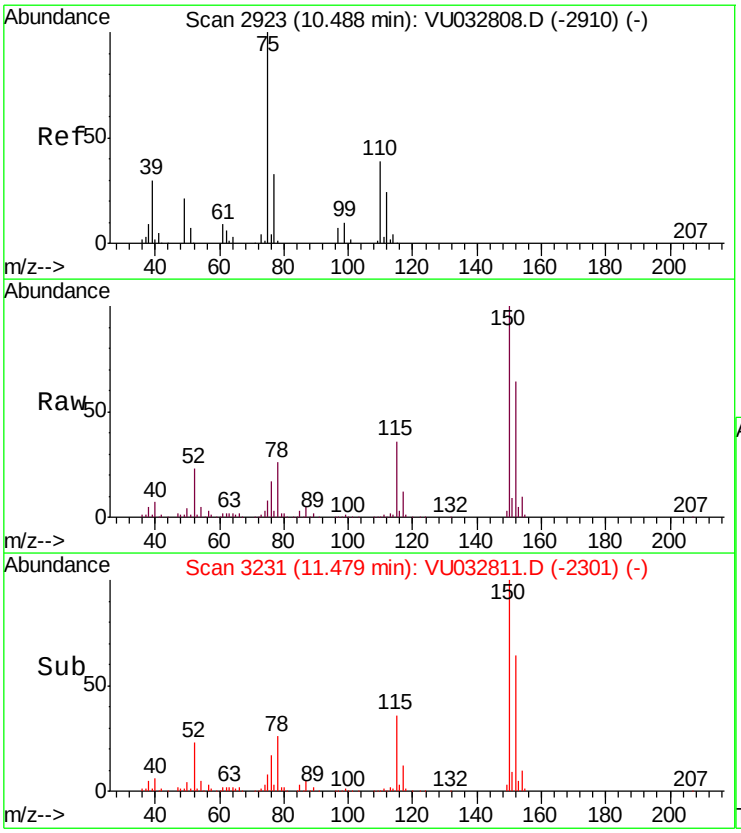
#44
trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Tgt Ion: 75 Resp: 2129

Ion	Ratio	Lower	Upper
75	100		
77	43.1	21.8	40.4#





#59
1,2,3-Trichloropropane
Concen: 6.443 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032811.D
Acq: 18 Jun 2019 10:11

Tgt Ion: 75 Resp: 15184

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.5	38.3