Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\

Quantitation Report (Not Reviewed)

Data File : VU032711.D
Acq On : 13 Jun 2019 22:11
Operator : JC/SP
Sample : K3364-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M32

Quant Time: Jun 14 07:43:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	87475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40694	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28143	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.68	69	27639	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.27	63	64360	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.00%			
20) 2-Butanone-d5	4.20	46	96366	57.67	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.34%			
24) Chloroform-d	4.64	84	58909	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
26) 1,2-Dichloroethane-d4	5.31	65	33243	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.60%			
32) Benzene-d6	5.33	84	113704	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.32	67	36596	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.56	98	98517	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.85	79	12482	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.31	63	54833	38.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27979	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	39351	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2152	0.263	ug/L	93
8) Chloroethane	1.69	64	538	0.105	ug/L #	42
12) 1,1-Dichloroethene	2.28	96	35904	6.136	ug/L	97
13) Acetone	2.33	43	5120	3.948	ug/L	98
15) Methyl Acetate	2.61	43	969	0.272	ug/L #	53
19) 1,1-Dichloroethane	3.43	63	1589	0.141	ug/L #	86
22) cis-1,2-Dichloroethene	4.22	96	11399	1.595	ug/L	98
25) Chloroform	4.66	83	2331	0.202	ug/L	94
29) 1,1,1-Trichloroethane	4.91	97	13257	1.244	ug/L	97
35) Methylcyclohexane	6.32	83	8648	0.725	ug/L #	26
37) 1,2-Dichloropropane	6.33	63	4417	0.662	ug/L #	89
45) 1,1,2-Trichloroethane	8.07	97	581	0.120	ug/L	90
48) 2-Hexanone	8.37	43	10453	3.080	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	5492	1.253	ug/L	98

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

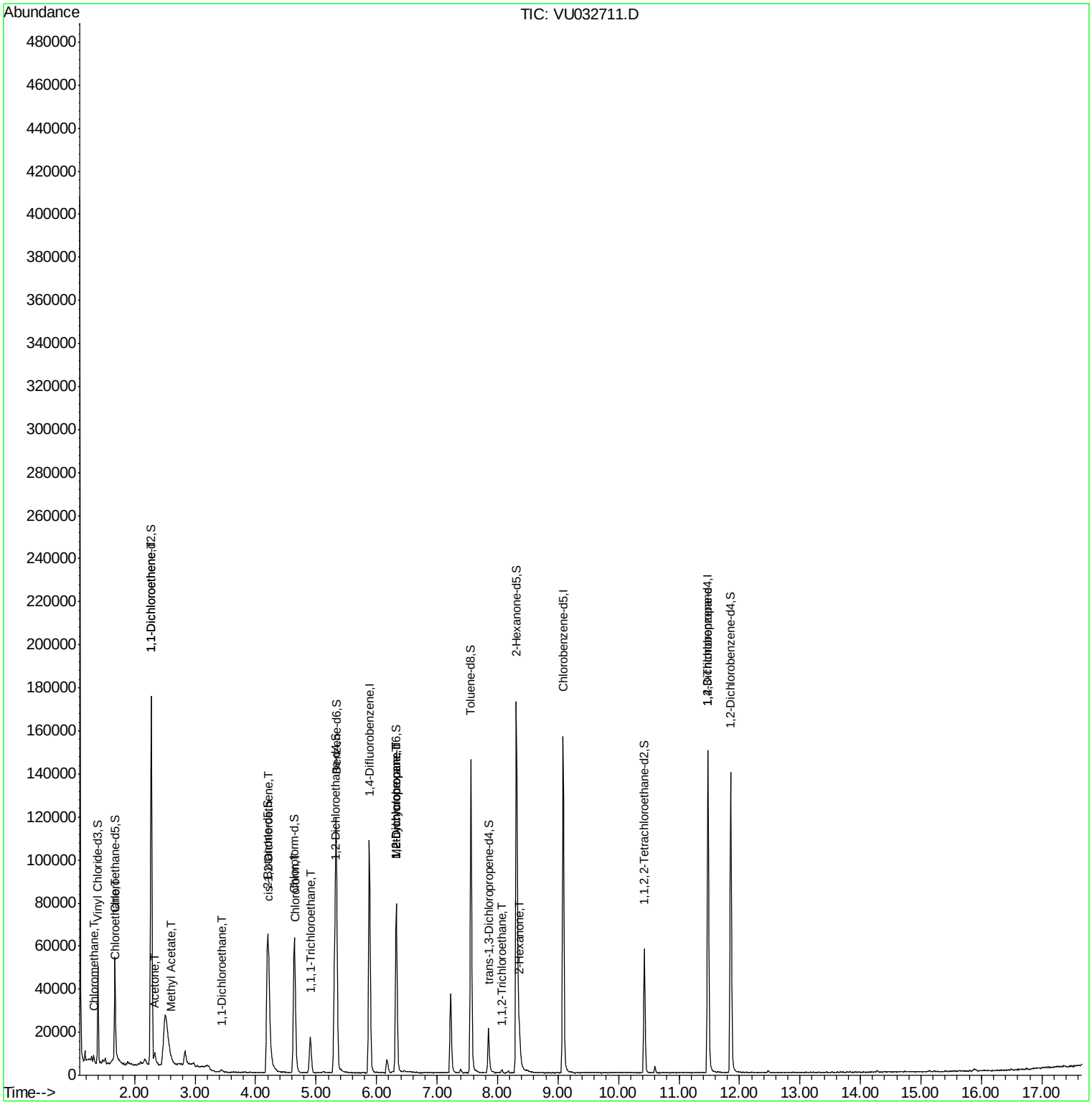
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\

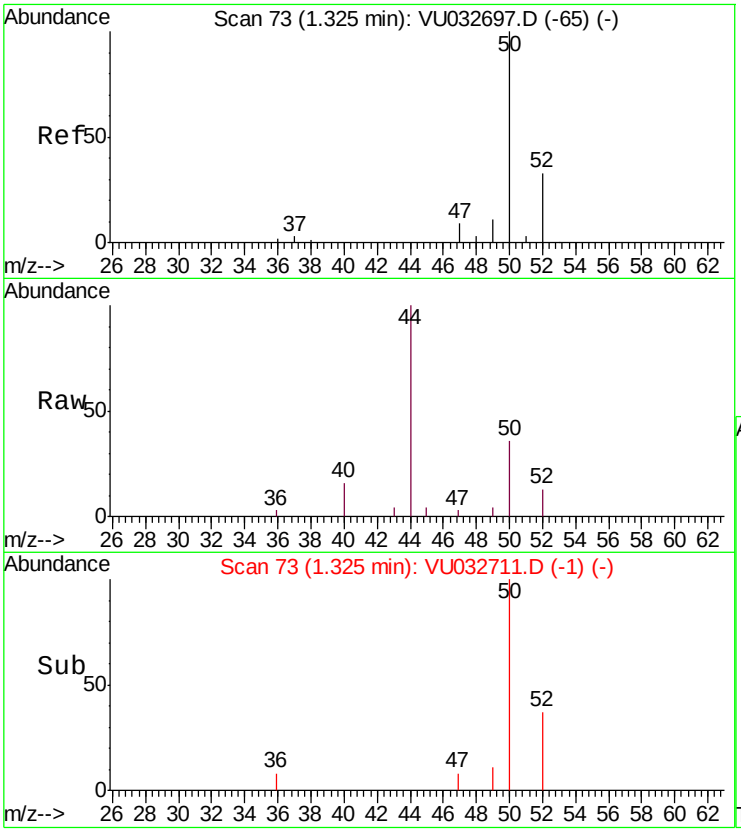
Quantitation Report (Not Reviewed)

Data File : VU032711.D
Acq On : 13 Jun 2019 22:11
Operator : JC/SP
Sample : K3364-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0M32

Quant Time: Jun 14 07:43:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration



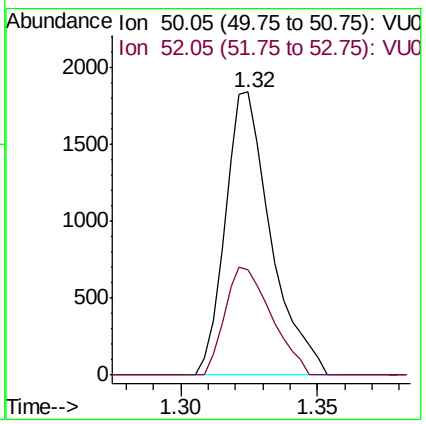


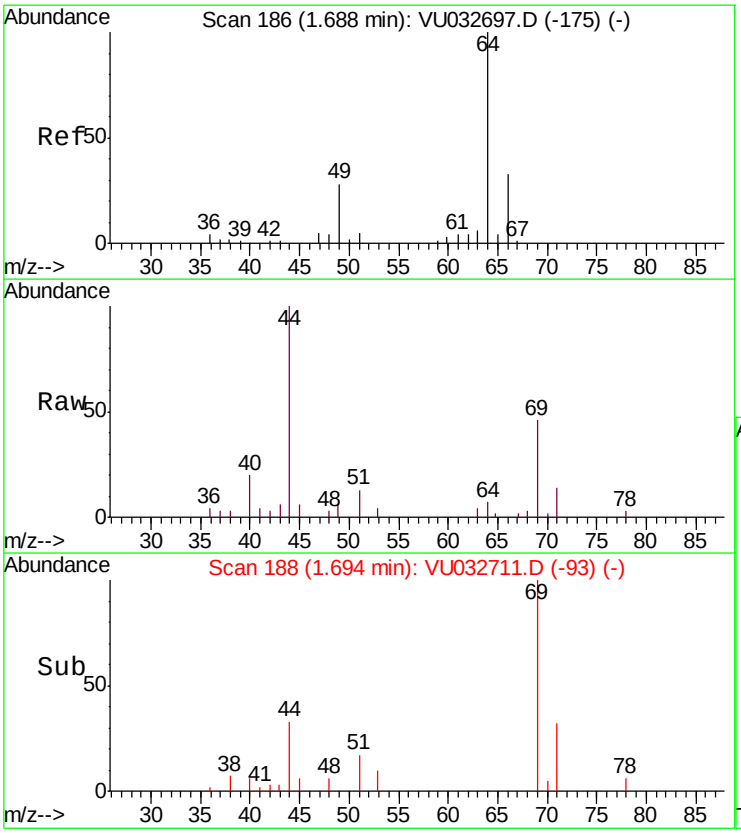
#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument :
MSVOA_U
ClientSampleId :
C0M32

Tgt Ion: 50 Resp: 2152

Ion	Ratio	Lower	Upper
50	100		
52	37.1	23.2	43.2

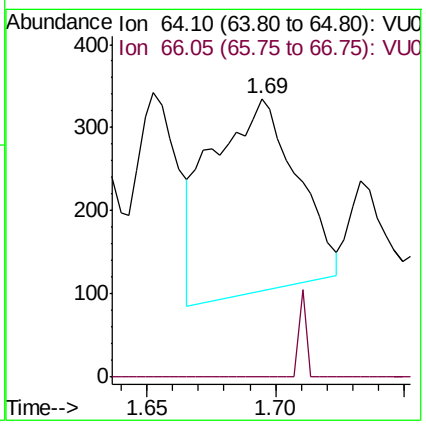


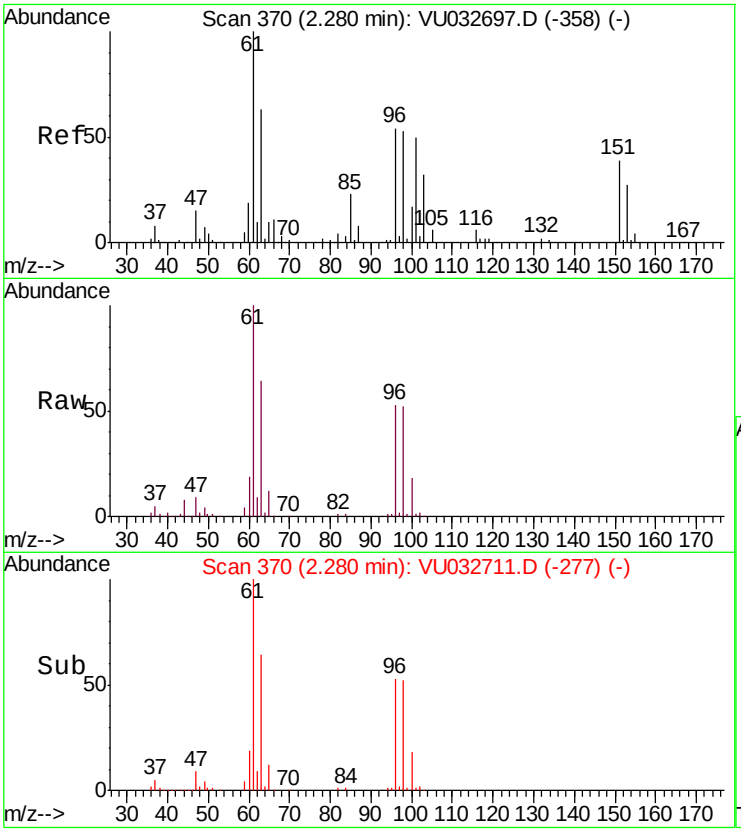


#8
Chloroethane
Concen: 0.105 ug/L
RT: 1.69 min Scan# 188
Delta R.T. 0.01 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 64 Resp: 538

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.8	42.4#



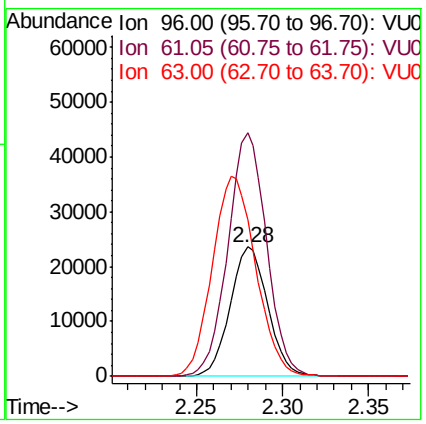


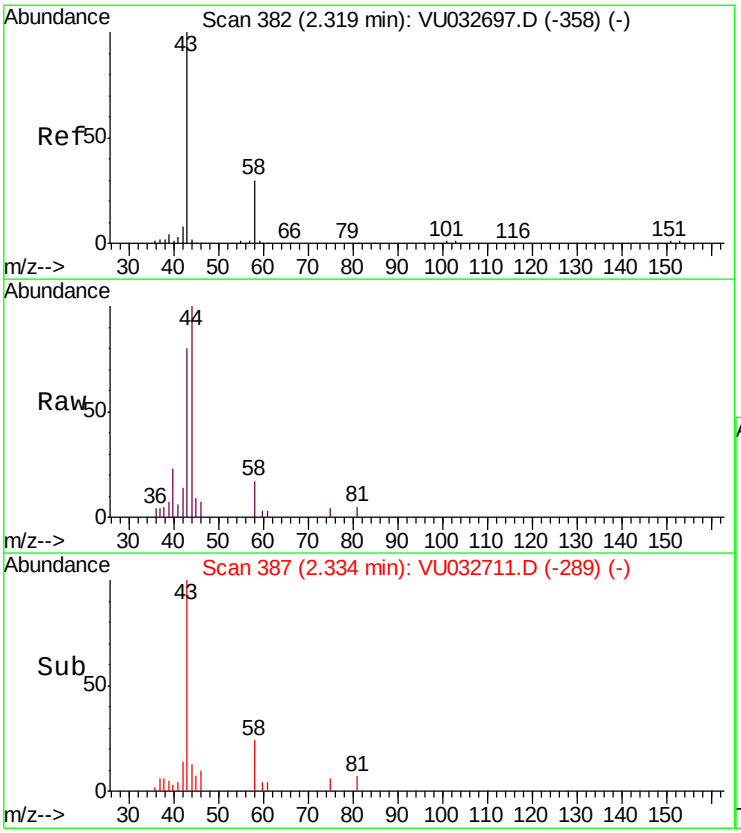
#12
1,1-Dichloroethene
Concen: 6.136 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument :
MSVOA_U
ClientSampleId :
C0M32

Tgt Ion: 96 Resp: 35904

Ion	Ratio	Lower	Upper
96	100		
61	188.3	131.8	244.8
63	121.1	90.1	167.3

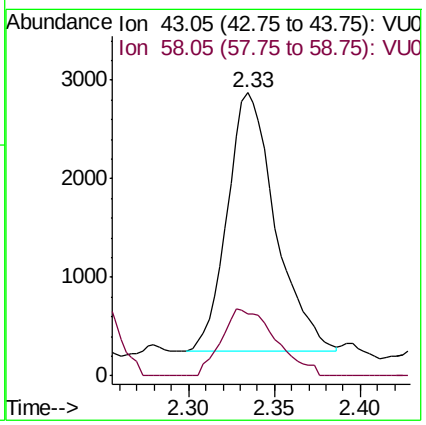


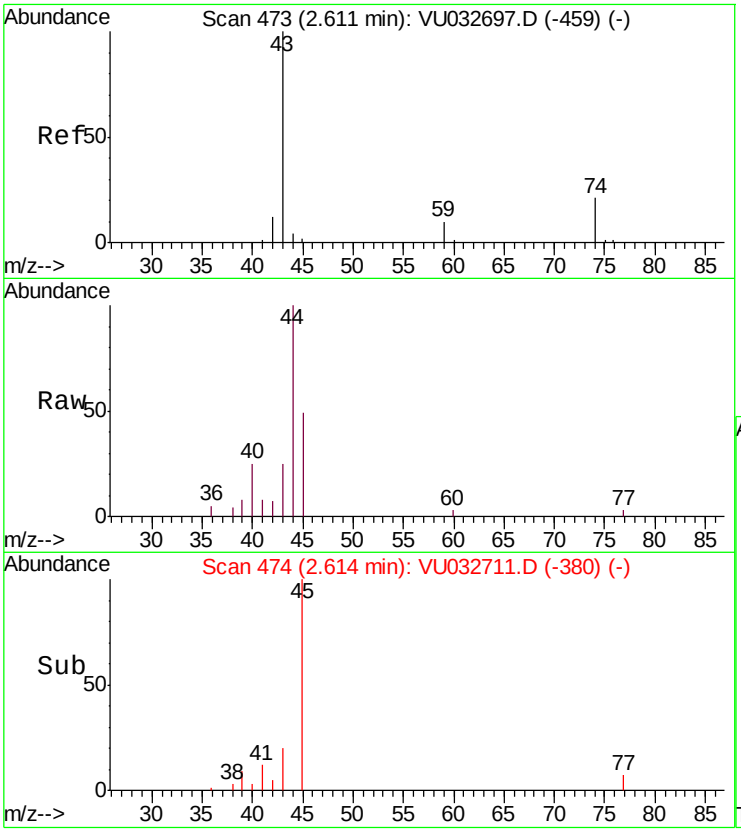


#13
Acetone
Concen: 3.948 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.02 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 43 Resp: 5120

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	60.8



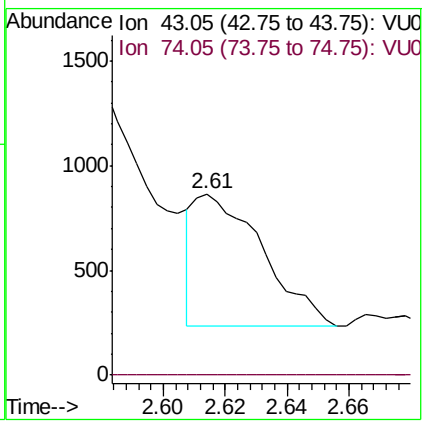


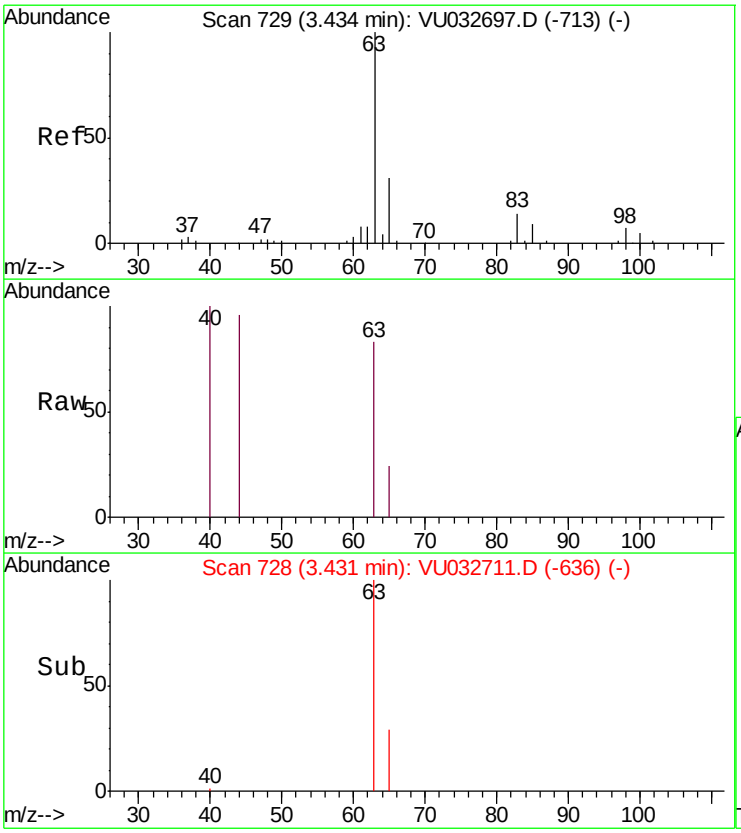
#15
Methyl Acetate
Concen: 0.272 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument : MSVOA_U
ClientSampleId : C0M32

Tgt Ion: 43 Resp: 969

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#

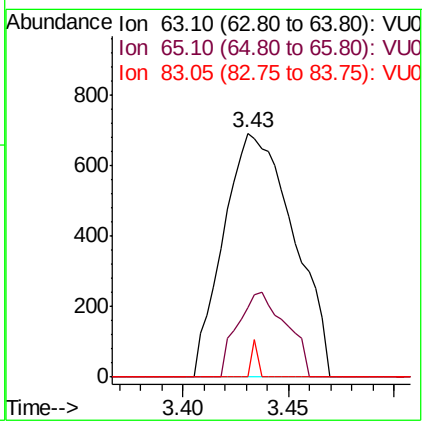


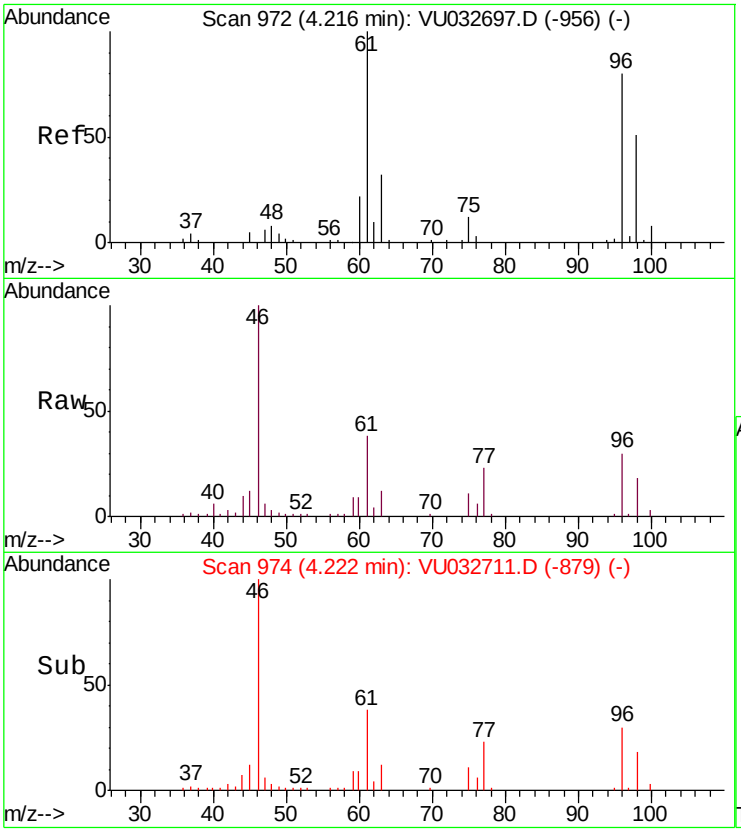


#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.43 min Scan# 728
Delta R.T. -0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 63 Resp: 1589

Ion	Ratio	Lower	Upper
63	100		
65	28.5	21.3	39.6
83	0.0	10.1	18.7#



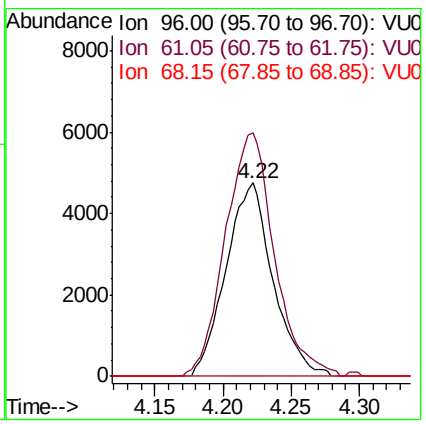


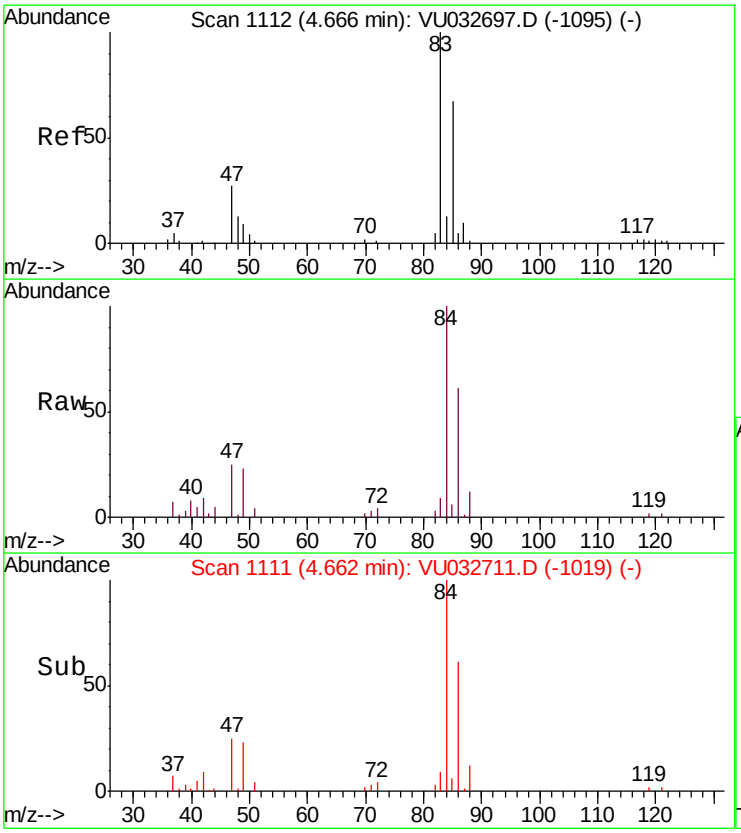
#22
cis-1,2-Dichloroethene
Concen: 1.595 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument : MSVOA_U
ClientSampleId : C0M32

Tgt Ion: 96 Resp: 11399

Ion	Ratio	Lower	Upper
96	100		
61	125.7	86.6	160.8
68	0.0	0.0	0.0

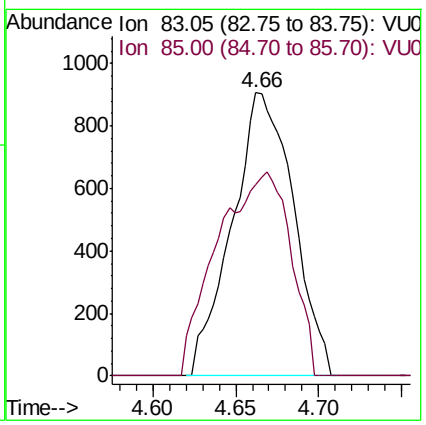


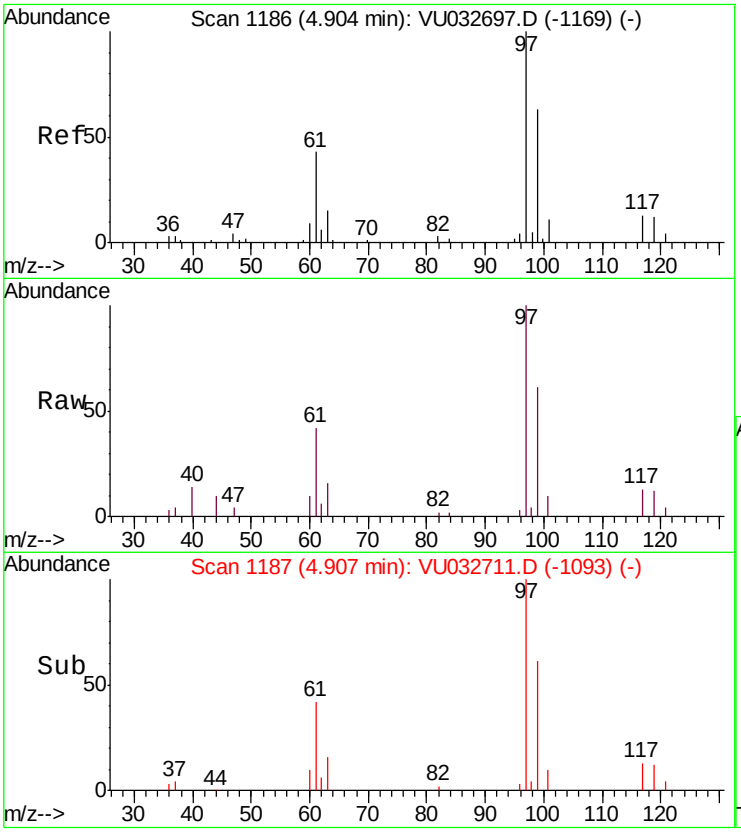


#25
Chloroform
Concen: 0.202 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 83 Resp: 2331

Ion	Ratio	Lower	Upper
83	100		
85	67.4	43.8	81.3



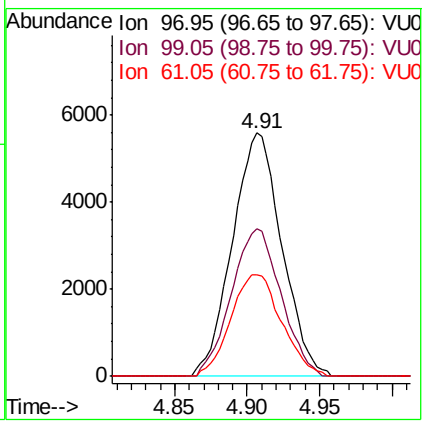


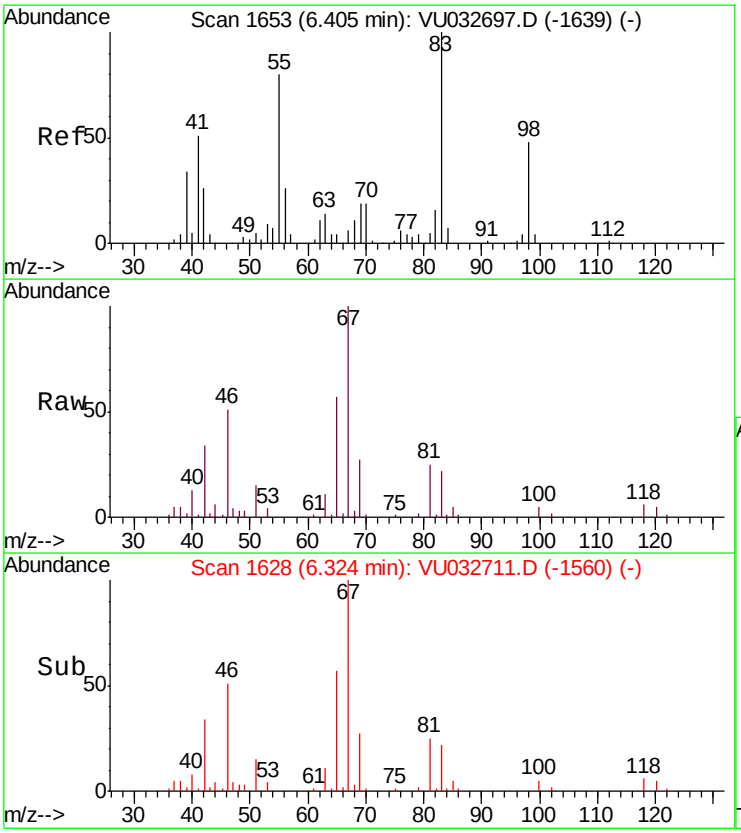
#29
1,1,1-Trichloroethane
Concen: 1.244 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument :
MSVOA_U
ClientSampleId :
C0M32

Tgt Ion: 97 Resp: 13257

Ion	Ratio	Lower	Upper
97	100		
99	60.7	51.8	77.6
61	43.1	34.7	52.1

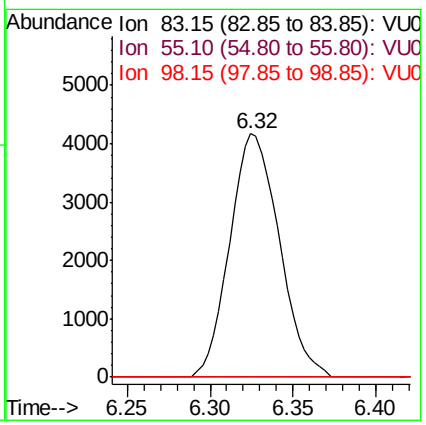


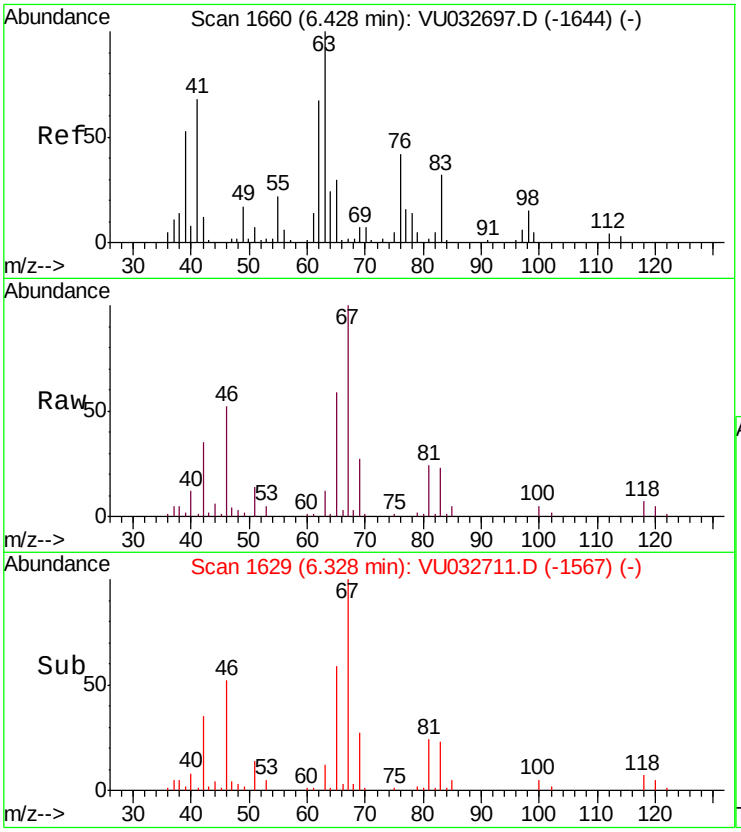


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 83 Resp: 8648

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	12.2	37.8	56.8#



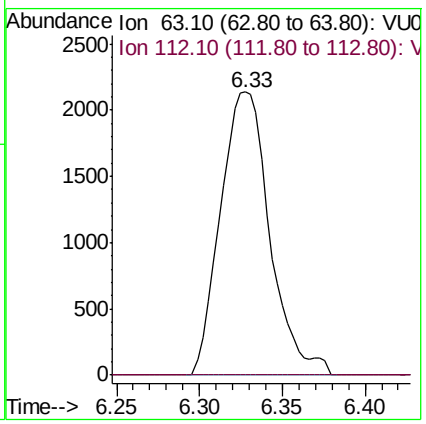


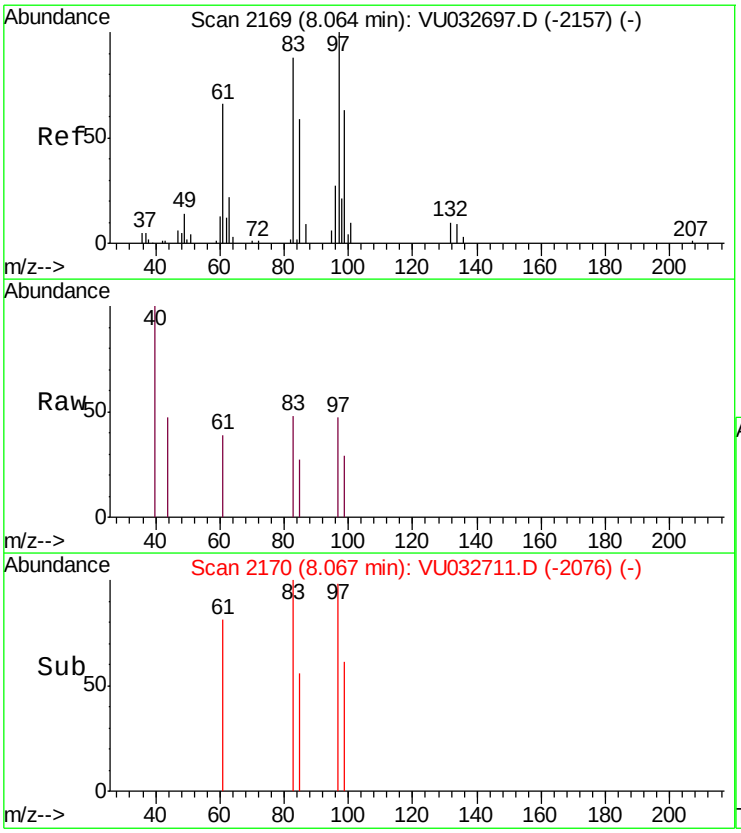
#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument :
MSVOA_U
ClientSampleId :
C0M32

Tgt Ion: 63 Resp: 4417

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

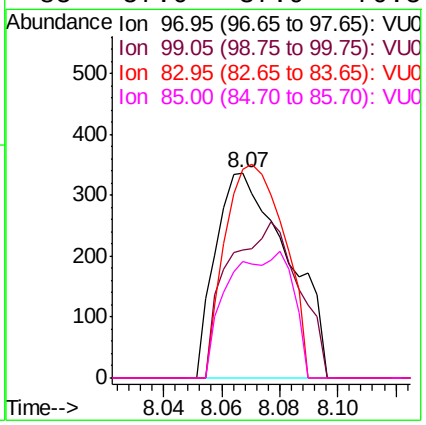


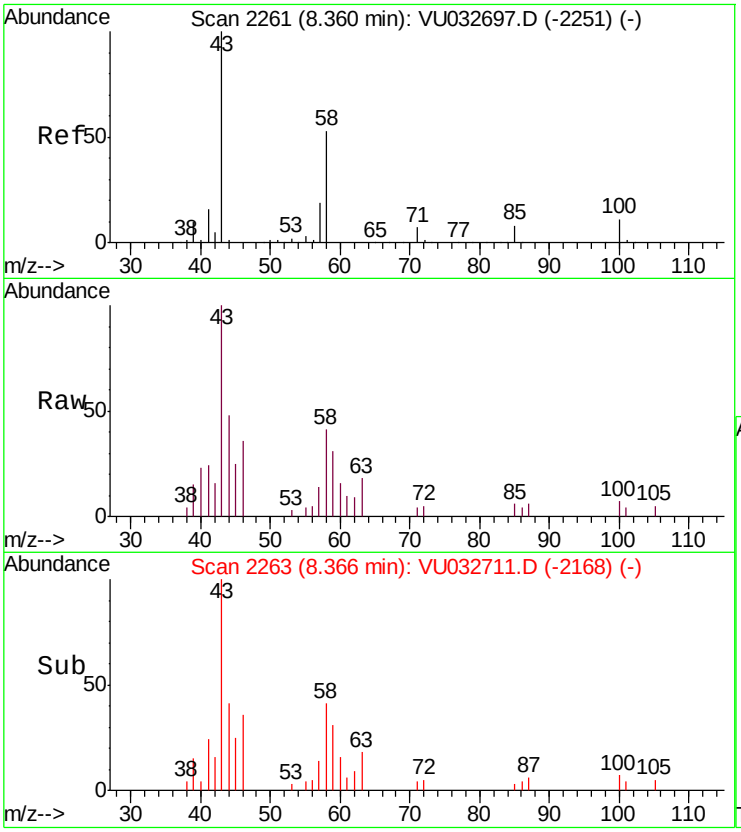


#45
1,1,2-Trichloroethane
Concen: 0.120 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 97 Resp: 581

Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.9	83.3
83	101.8	58.7	108.9
85	57.0	37.9	70.5



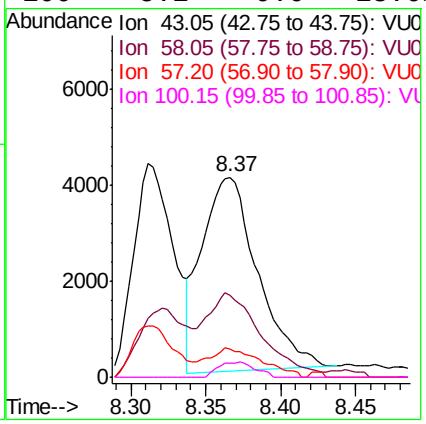


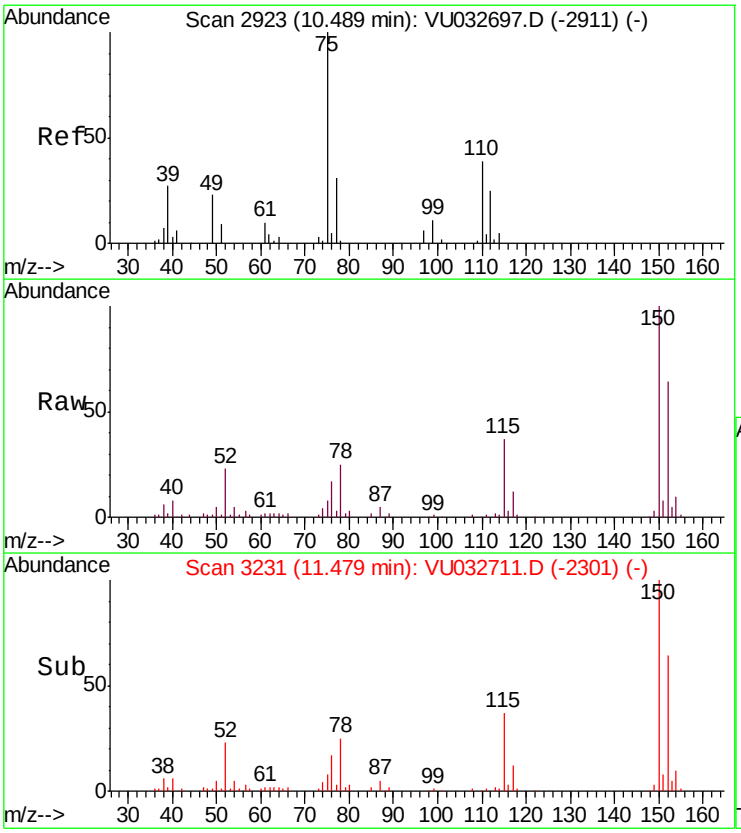
#48
2-Hexanone
Concen: 3.080 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Instrument : MSVOA_U
ClientSampleId : C0M32

Tgt Ion: 43 Resp: 10453

Ion	Ratio	Lower	Upper
43	100		
58	42.4	41.9	62.9
57	14.2	15.1	22.7#
100	5.1	9.0	13.6#





#59
1,2,3-Trichloropropane
Concen: 1.253 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032711.D
Acq: 13 Jun 2019 22:11

Tgt Ion: 75 Resp: 5492

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9