Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028322.D
Acq On : 21 Nov 2018 16:14
Operator : MD/SY
Sample : J6026-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Quant Time: Nov 21 22:38:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	168110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70632	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59497	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.68	69	45254	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.80%			
11) 1,1-Dichloroethene-d2	2.27	63	85066	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.19	46	188209	44.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.92%			
24) Chloroform-d	4.65	84	101004	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.31	65	56103	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.34	84	201604	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.33	67	74838	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.57	98	175314	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	7.85	79	27530	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.31	63	129995	40.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53295	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57882	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	15572	0.913	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	596	0.054	ug/L #	28
12) 1,1-Dichloroethene	2.27	96	553	0.053	ug/L #	1
13) Acetone	2.33	43	2728	0.937	ug/L	85
16) Methylene chloride	2.70	84	3132	0.240	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	179746	5.782	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	783	0.071	ug/L	82
19) 1,1-Dichloroethane	3.44	63	8671	0.339	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	1960	0.150	ug/L	73
25) Chloroform	4.67	83	3453	0.125	ug/L	84
33) Benzene	5.39	78	4561	0.086	ug/L	100
35) Methylcyclohexane	6.33	83	14583	0.715	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7197	0.477	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	2008	0.105	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	10024	1.149	ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028322.D
Acq On : 21 Nov 2018 16:14
Operator : MD/SY
Sample : J6026-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Quant Time: Nov 21 22:38:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028322.D
Acq On : 21 Nov 2018 16:14
Operator : MD/SY
Sample : J6026-10DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
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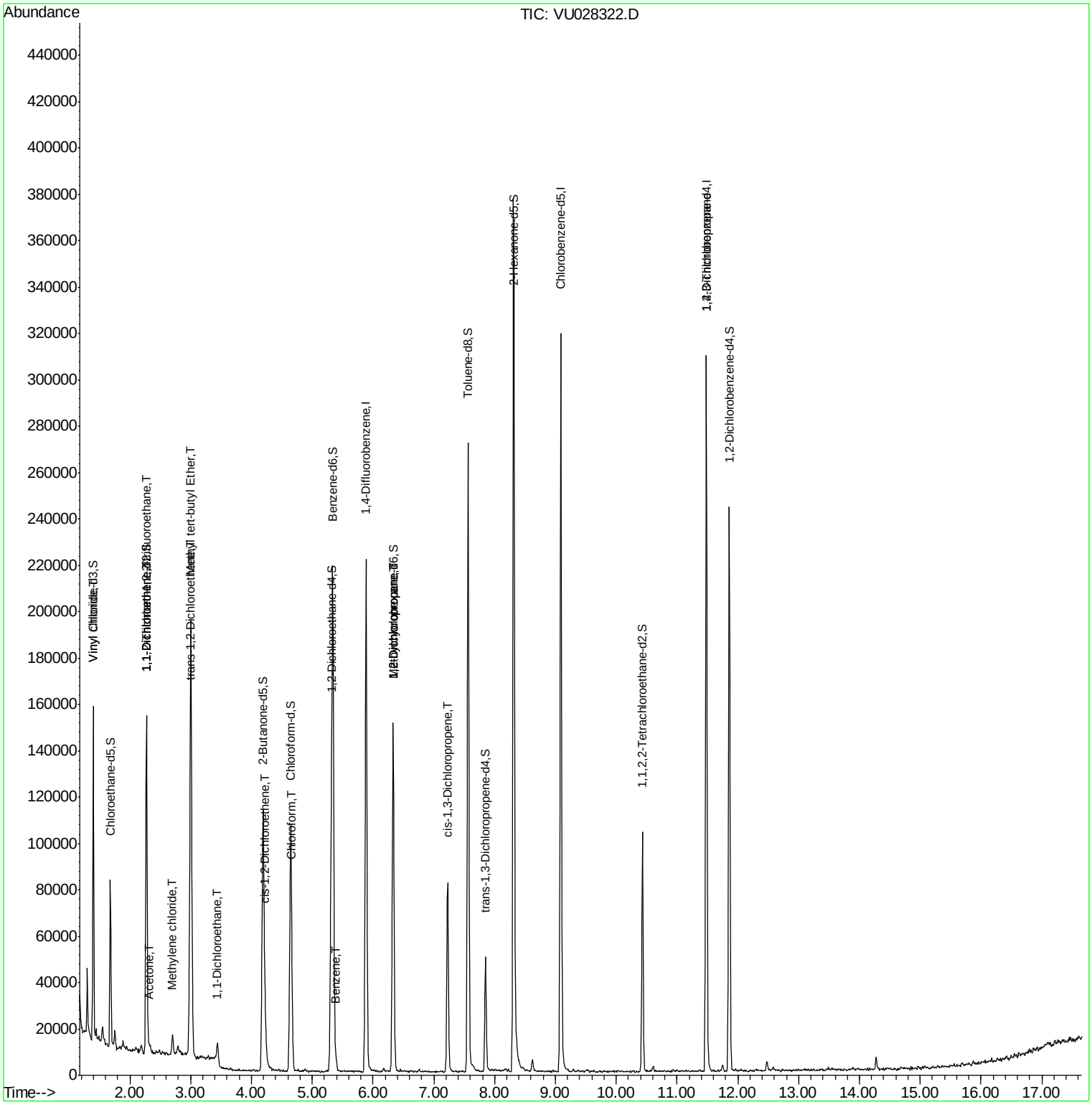
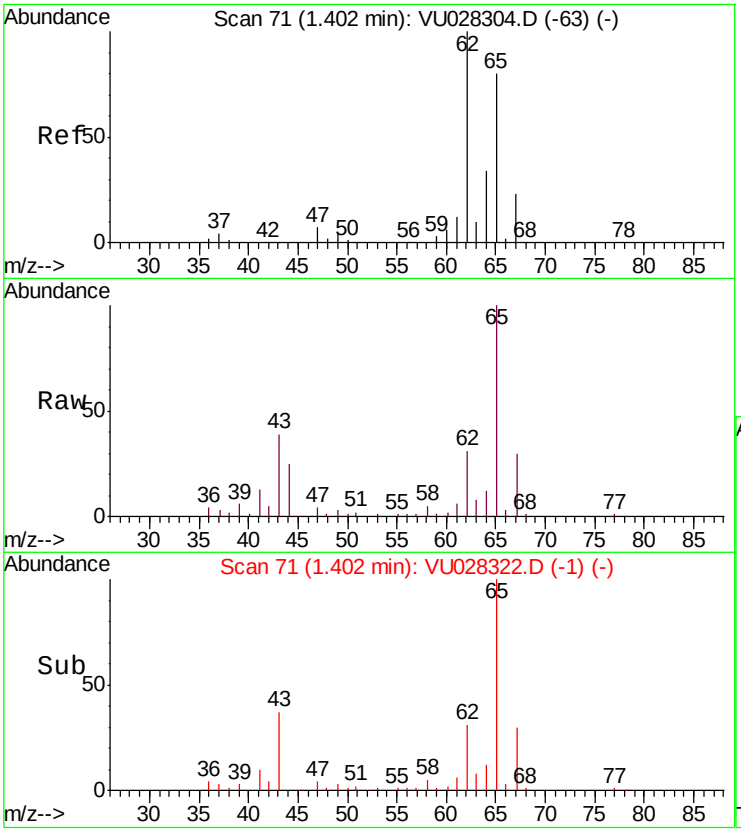
Quant Time: Nov 21 22:38:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration



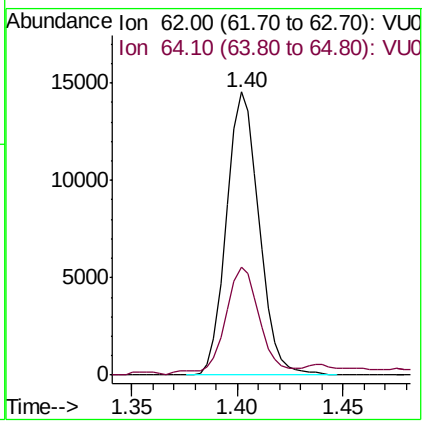


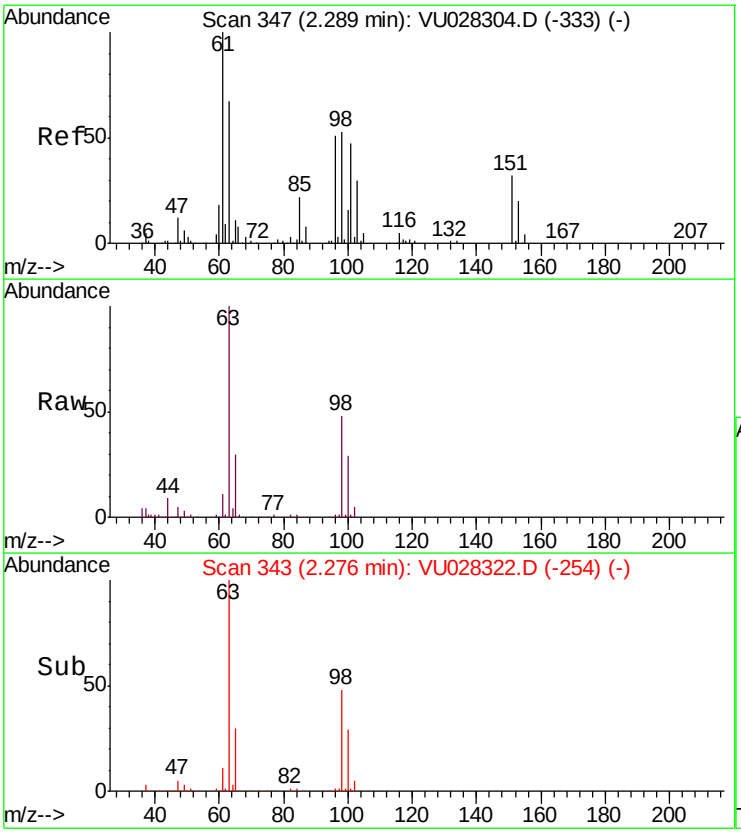
#5
Vinyl chloride
Concen: 0.913 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 62 Resp: 15572

Ion	Ratio	Lower	Upper
62	100		
64	38.1	21.7	40.3

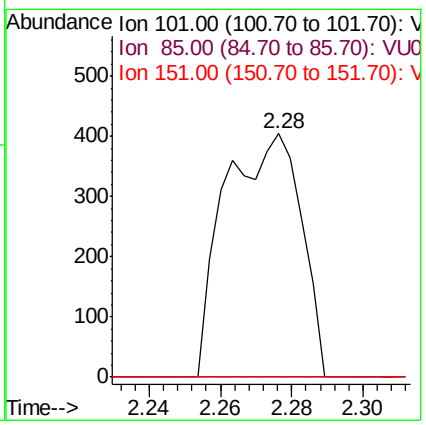


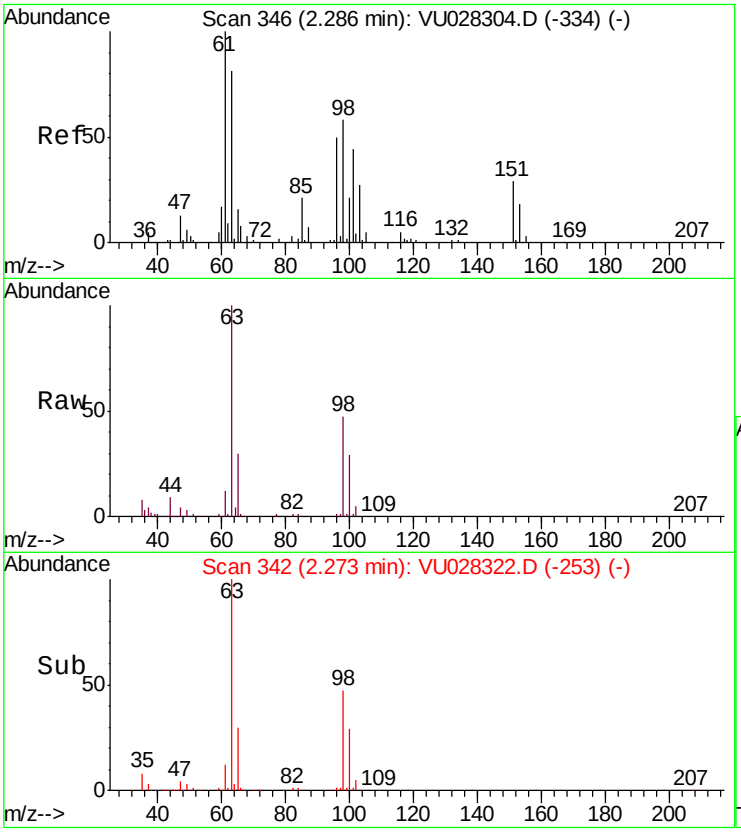


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion:101 Resp: 596

Ion	Ratio	Lower	Upper
101	100		
85	11.1	37.4	56.2#
151	0.0	55.0	82.4#



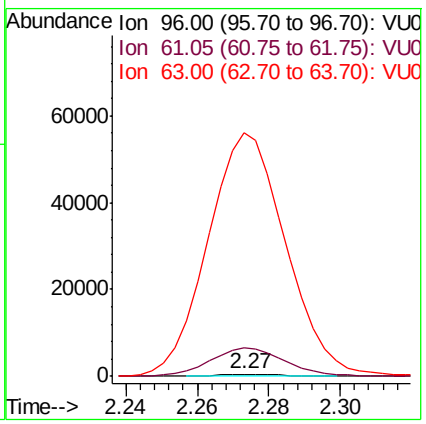


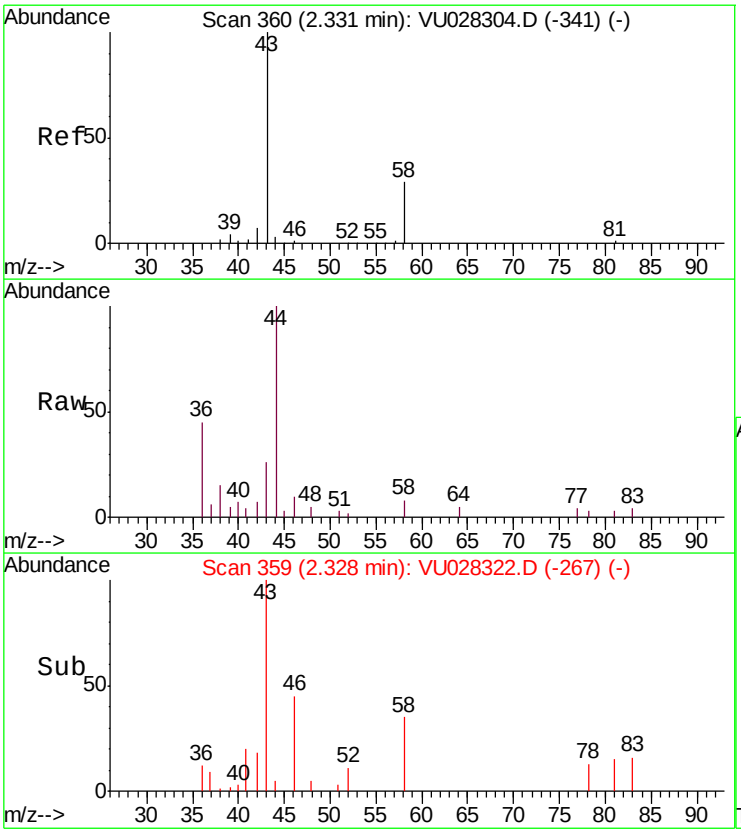
#12
1,1-Dichloroethene
Concen: 0.053 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 96 Resp: 553

Ion	Ratio	Lower	Upper
96	100		
61	1446.6	145.5	270.1#
63	12434.6	98.6	183.2#

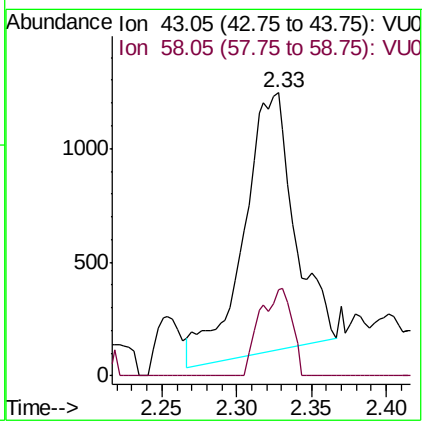


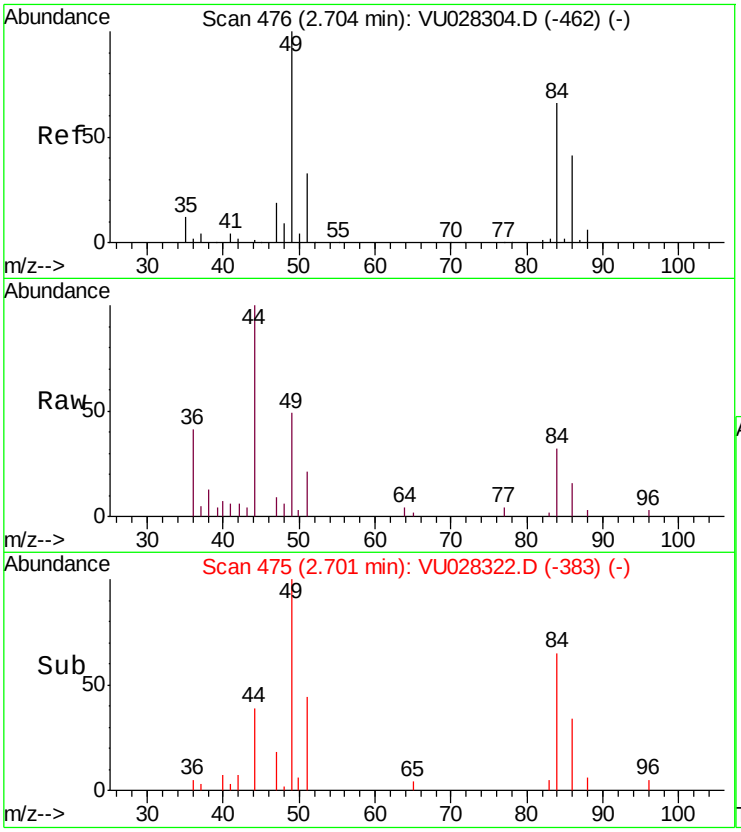


#13
Acetone
Concen: 0.937 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 43 Resp: 2728

Ion	Ratio	Lower	Upper
43	100		
58	21.0	0.0	58.6



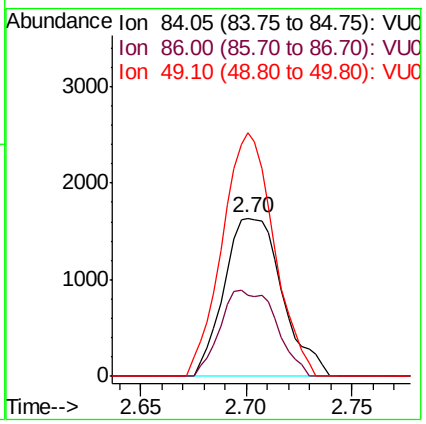


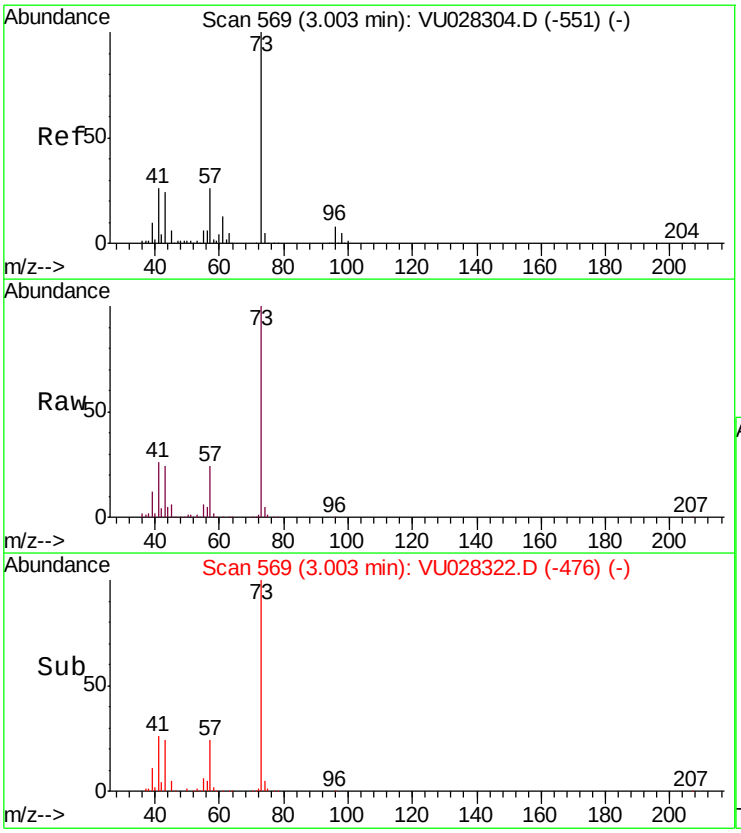
#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Tgt Ion: 84 Resp: 3132

Ion	Ratio	Lower	Upper
84	100		
86	51.7	45.3	84.1
49	154.2	107.9	200.5

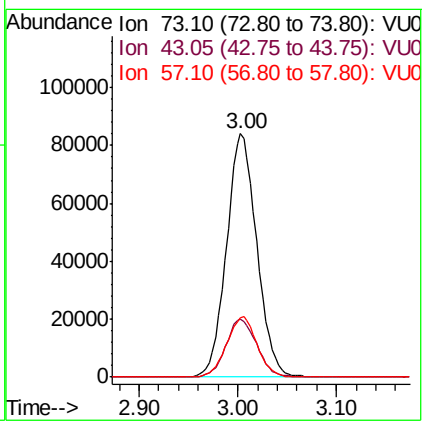


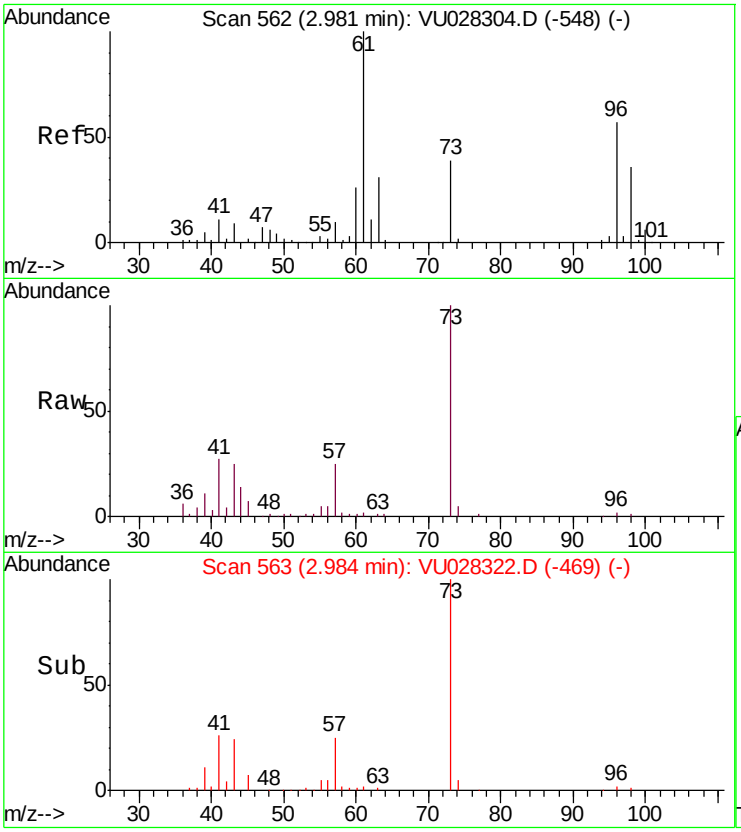


#17
Methyl tert-butyl Ether
Concen: 5.782 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 73 Resp: 179746

Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.8	28.2
57	24.9	19.2	28.8



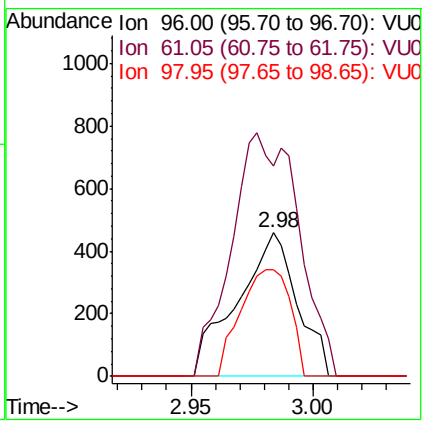


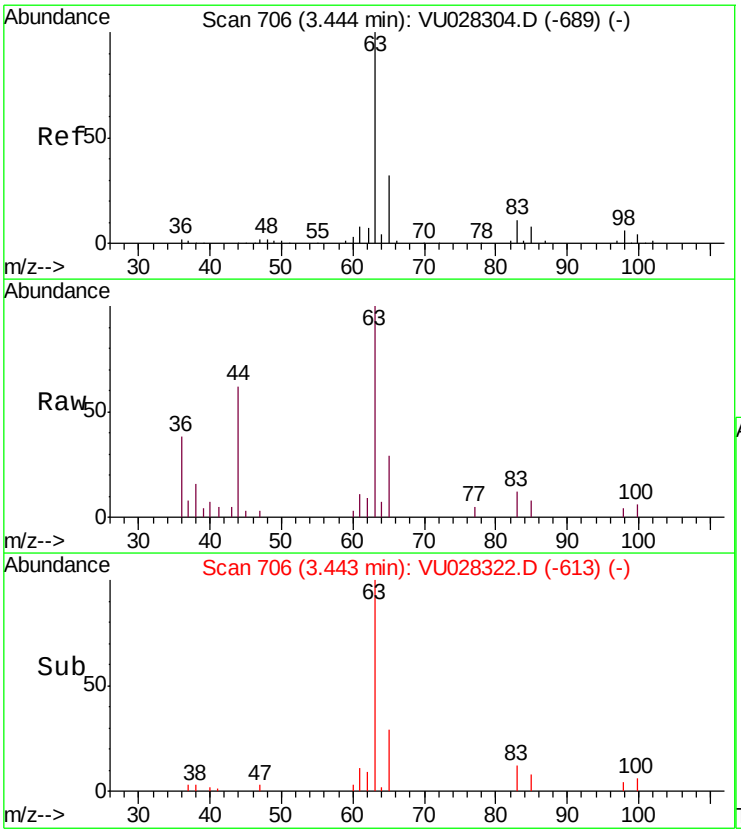
#18
trans-1,2-Dichloroethene
Concen: 0.071 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 96 Resp: 783

Ion	Ratio	Lower	Upper
96	100		
61	147.2	122.2	227.0
98	74.9	44.9	83.5

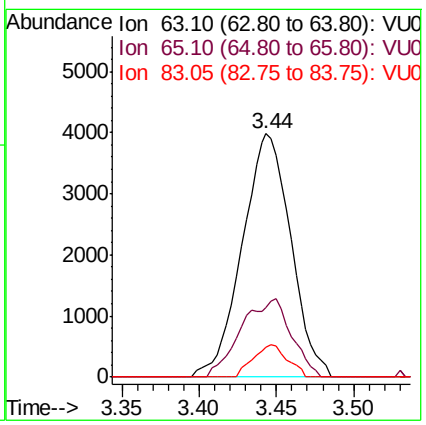


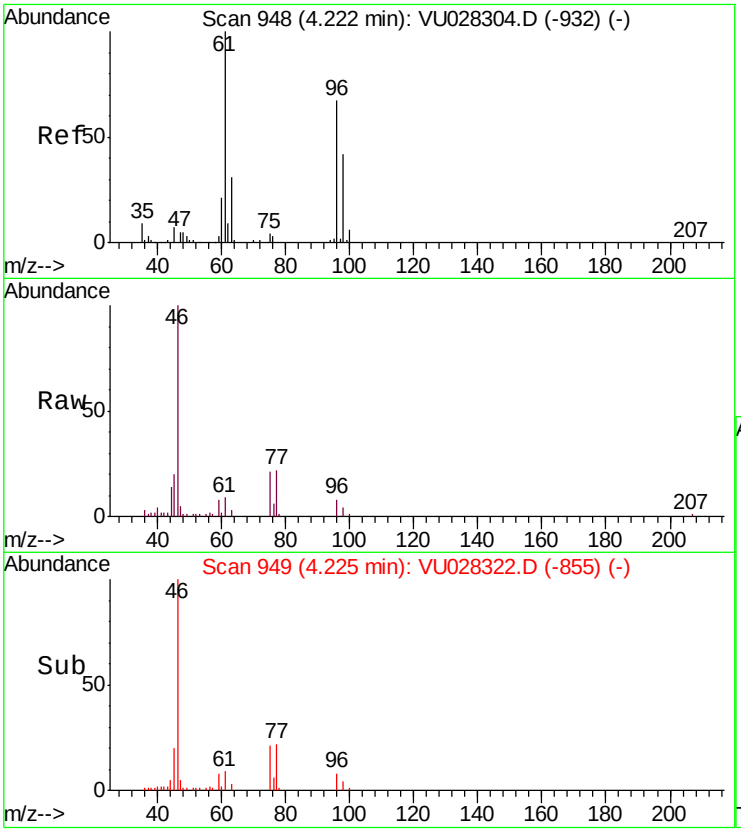


#19
1,1-Dichloroethane
Concen: 0.339 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 63 Resp: 8671

Ion	Ratio	Lower	Upper
63	100		
65	28.6	21.2	39.4
83	12.1	8.8	16.4



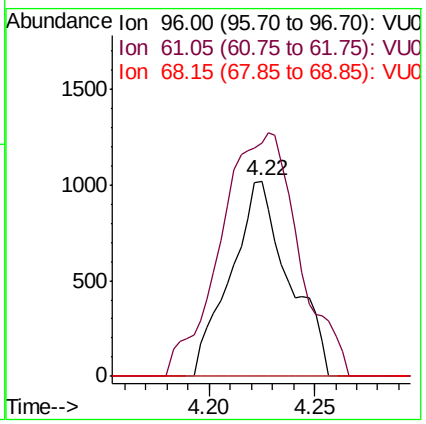


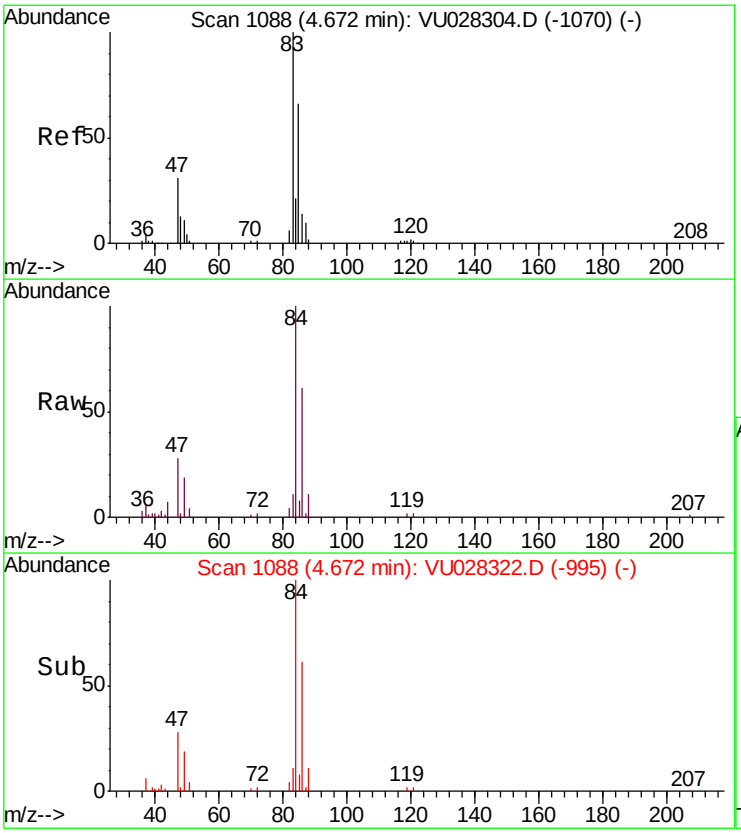
#22
cis-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Tgt Ion: 96 Resp: 1960

Ion	Ratio	Lower	Upper
96	100		
61	119.1	108.0	200.6
68	0.0	0.0	0.0

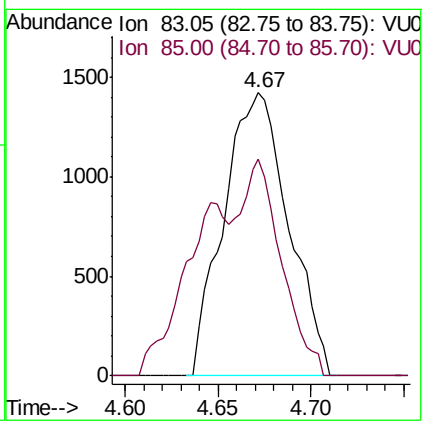


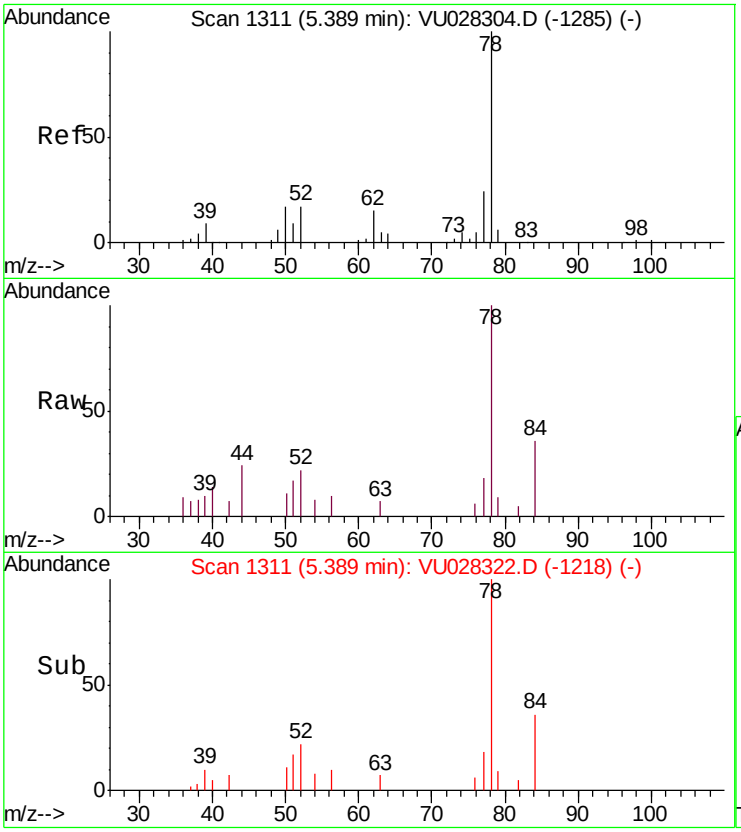


#25
Chloroform
Concen: 0.125 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 83 Resp: 3453

Ion	Ratio	Lower	Upper
83	100		
85	76.5	44.6	82.8

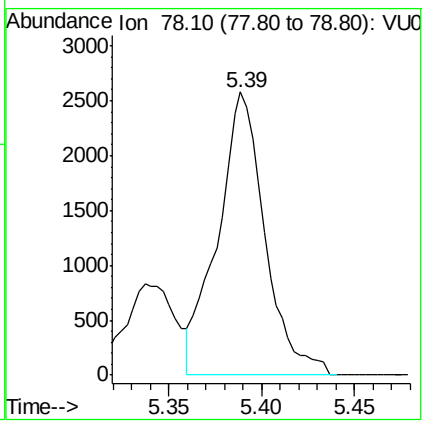


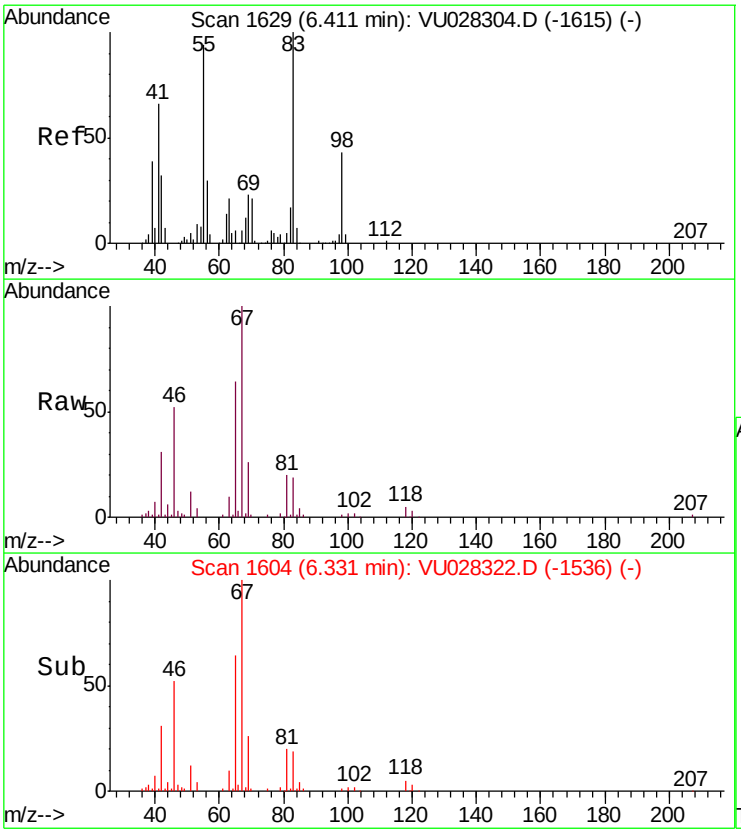


#33
Benzene
Concen: 0.086 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 78 Resp: 4561

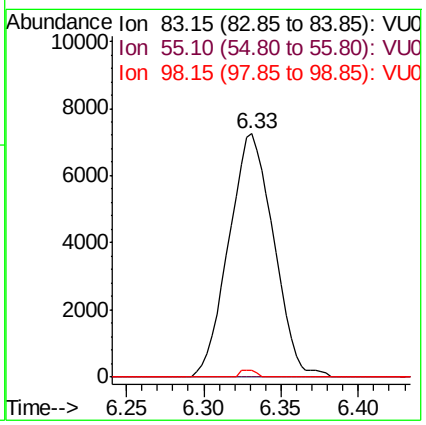


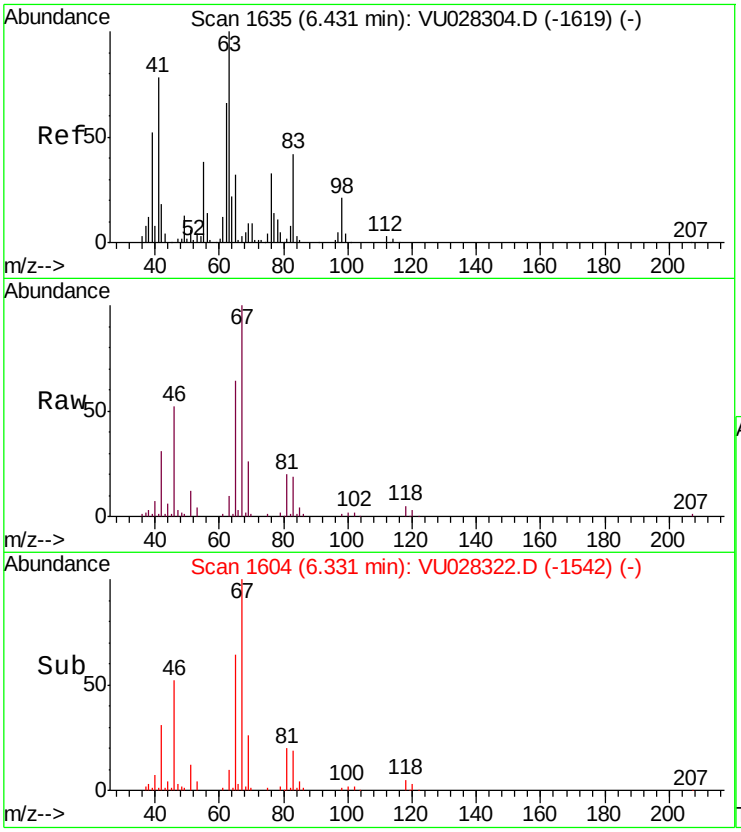


#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 83 Resp: 14583

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.2	109.8#
98	1.0	33.4	50.2#



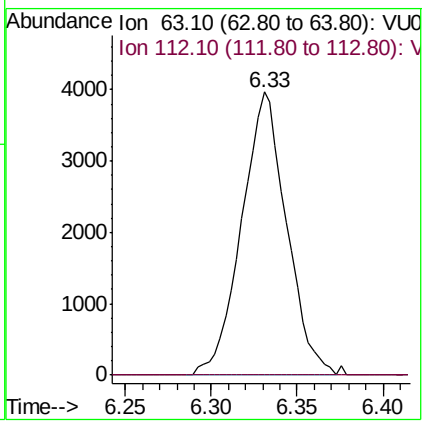


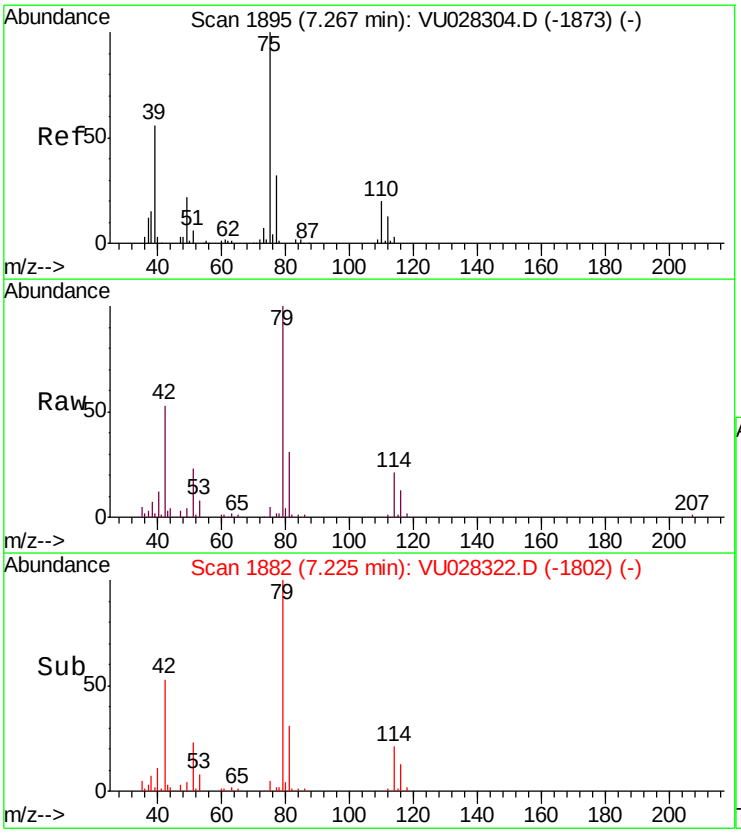
#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument : MSVOA_U
ClientSampleId : H0FL9DL

Tgt Ion: 63 Resp: 7197

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

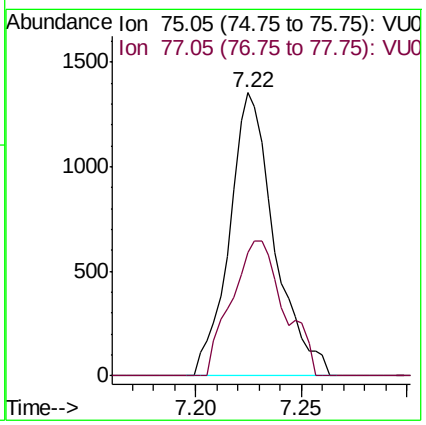


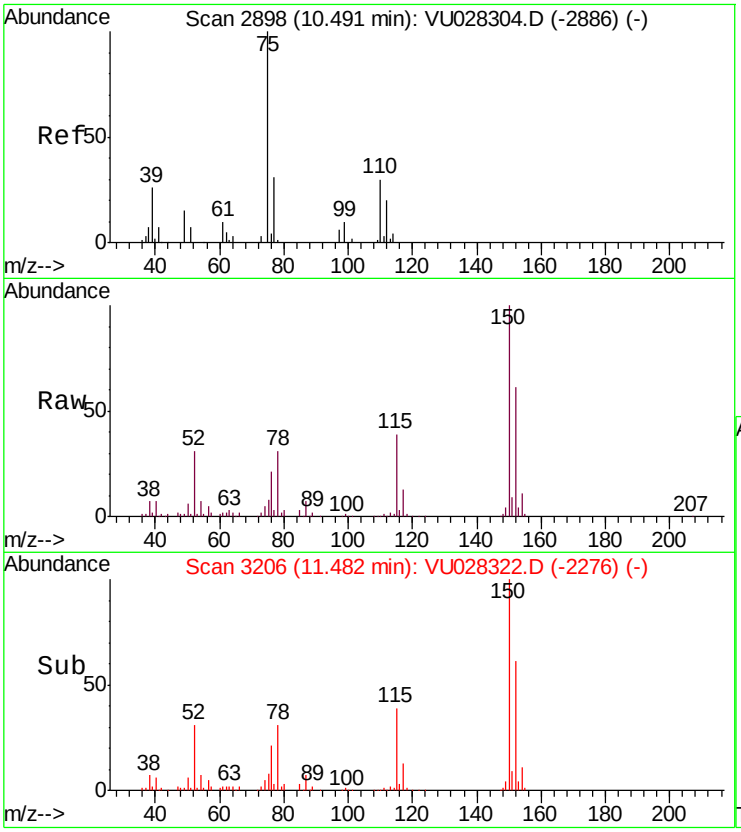


#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Tgt Ion: 75 Resp: 2008

Ion	Ratio	Lower	Upper
75	100		
77	43.6	21.7	40.3#





#59
1,2,3-Trichloropropane
Concen: 1.149 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028322.D
Acq: 21 Nov 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
H0FL9DL

Tgt Ion: 75 Resp: 10024

Ion	Ratio	Lower	Upper
75	100		
77	40.4	25.7	38.5#