Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\

Quantitation Report (Not Reviewed)

Data File : VU027835.D
Acq On : 26 Oct 2018 15:52
Operator : MD/SY
Sample : J5668-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBR9

Quant Time: Oct 27 01:47:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51169	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	30668	32.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 64.86%			
7) Chloroethane-d5	1.68	69	26057	35.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.58%			
11) 1,1-Dichloroethene-d2	2.28	63	45944	26.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 53.94%#			
21) 2-Butanone-d5	4.18	46	75509	93.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.69%			
24) Chloroform-d	4.65	84	67203	39.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.06%			
26) 1,2-Dichloroethane-d4	5.31	65	47740	40.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.10%			
32) Benzene-d6	5.34	84	126632	40.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.04%			
36) 1,2-Dichloropropane-d6	6.33	67	47598	42.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.28%			
41) Toluene-d8	7.57	98	113116	38.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.52%#			
43) trans-1,3-Dichloropropene-	7.85	79	21420	39.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.10%			
47) 2-Hexanone-d5	8.31	63	55064	95.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63942	43.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.68%			
64) 1,2-Dichlorobenzene-d4	11.86	152	43793	41.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.56%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	11945	10.883	ug/L #	77
12) 1,1-Dichloroethene	2.29	96	640	0.945	ug/L #	1
13) Acetone	2.32	43	4899	8.727	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	903	1.205	ug/L	82
20) cis-1,2-Dichloroethene	4.23	96	150913	170.274	ug/L	99
35) Methylcyclohexane	6.33	83	10604	7.410	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5281	5.408	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1283	0.853	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	785	0.552	ug/L	96
48) 2-Hexanone	8.31	43	6663	5.474	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	6298	5.457	ug/L	94

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

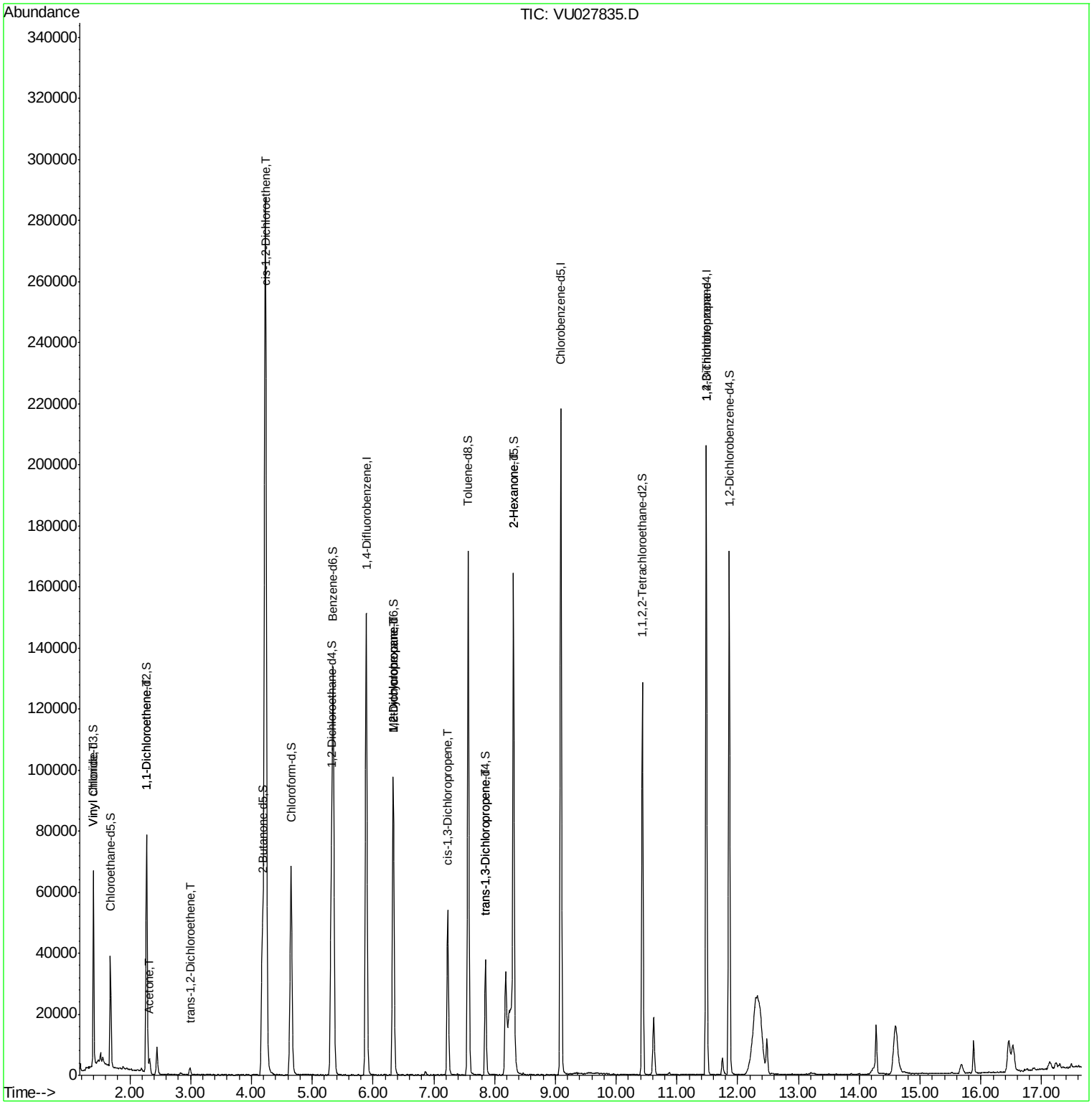
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\

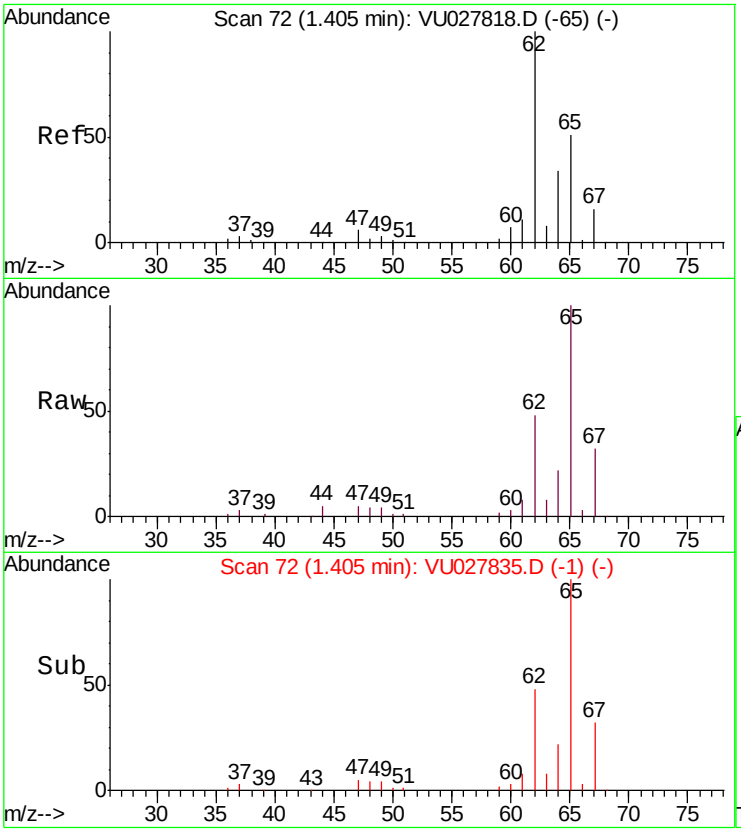
Quantitation Report (Not Reviewed)

Data File : VU027835.D
Acq On : 26 Oct 2018 15:52
Operator : MD/SY
Sample : J5668-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBR9

Quant Time: Oct 27 01:47:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration



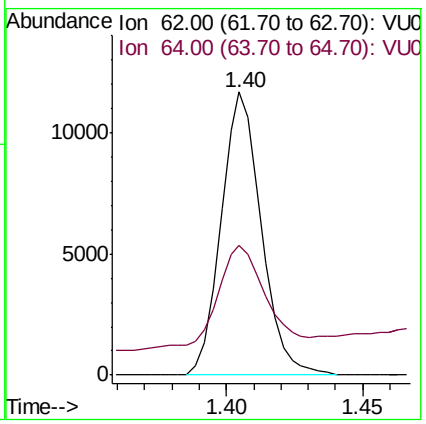


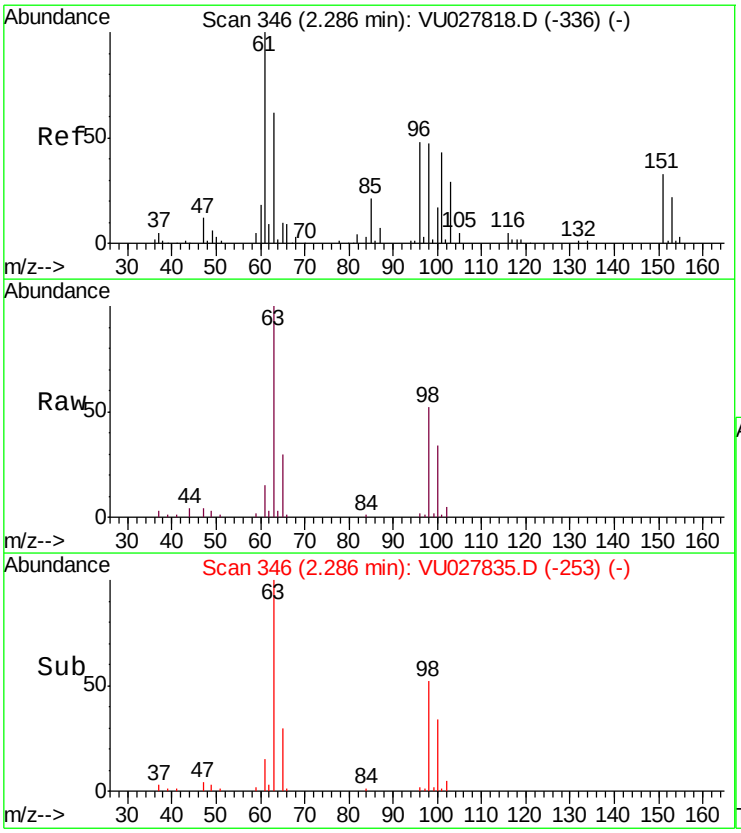
#5
Vinyl chloride
Concen: 10.883 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
ETBR9

Tgt Ion: 62 Resp: 11945

Ion	Ratio	Lower	Upper
62	100		
64	46.1	23.0	42.8#

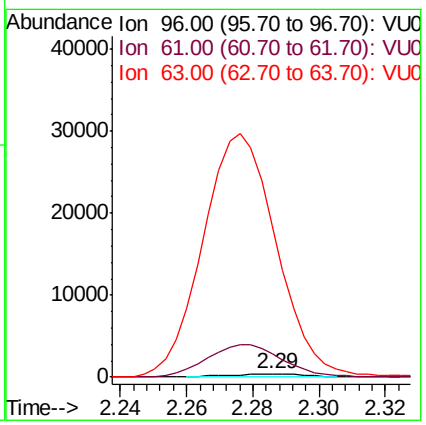


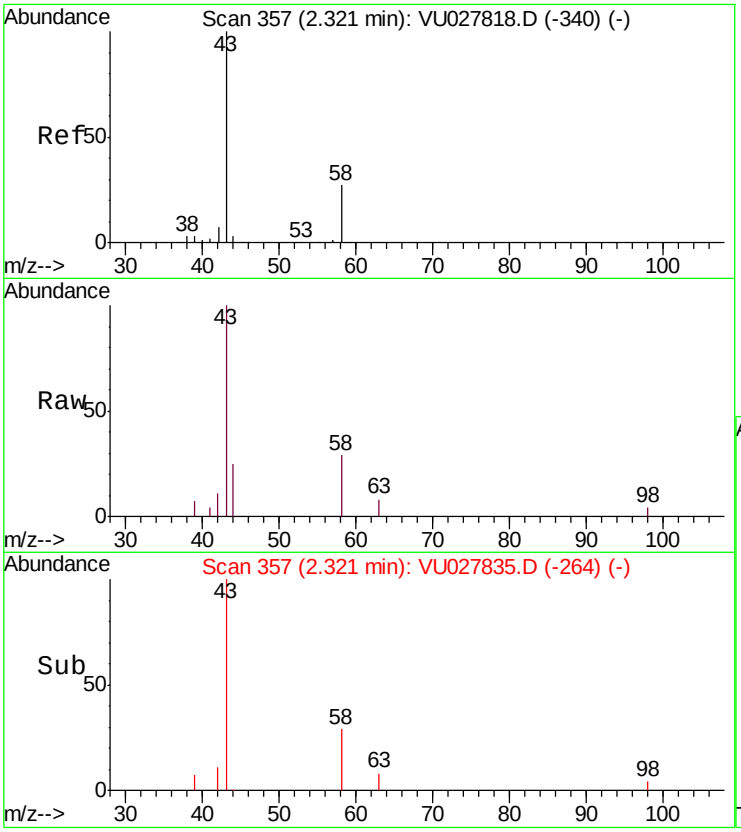


#12
1,1-Dichloroethene
Concen: 0.945 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 96 Resp: 640

Ion	Ratio	Lower	Upper
96	100		
61	718.0	137.3	255.1#
63	4767.0	109.8	204.0#



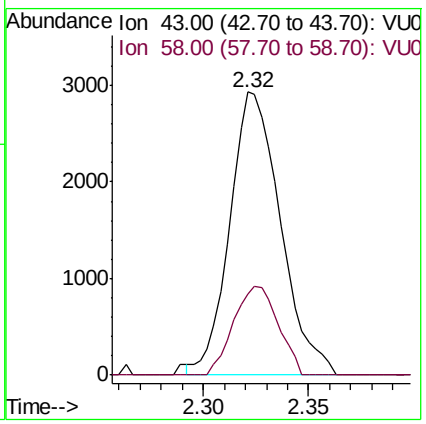


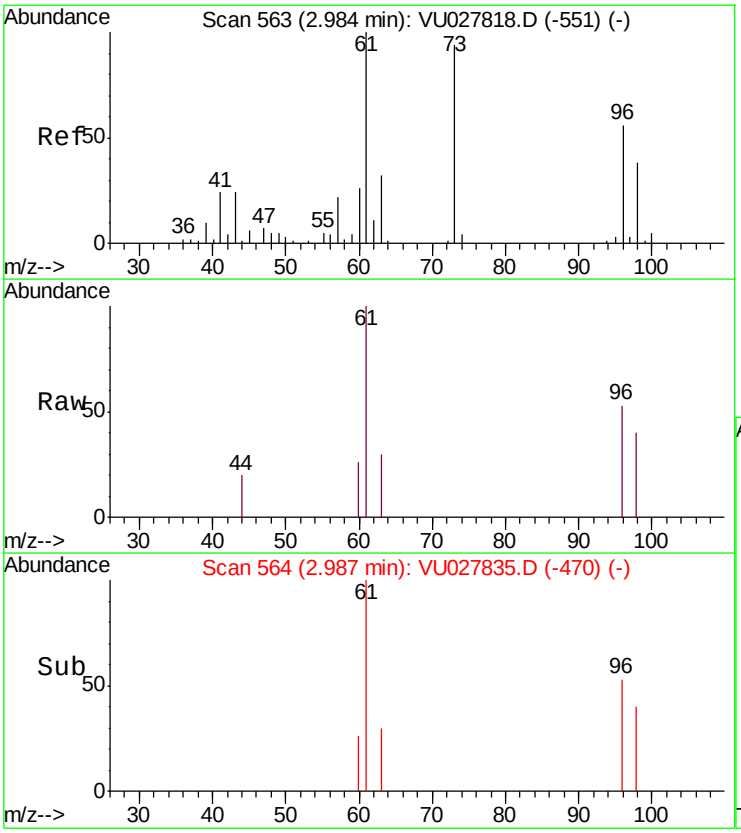
#13
Acetone
Concen: 8.727 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument : MSVOA_U
ClientSampleId : ETBR9

Tgt Ion: 43 Resp: 4899

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	57.4

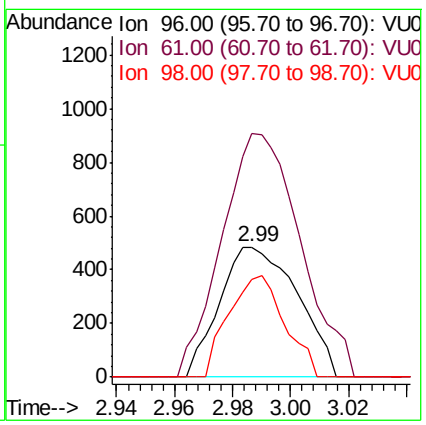


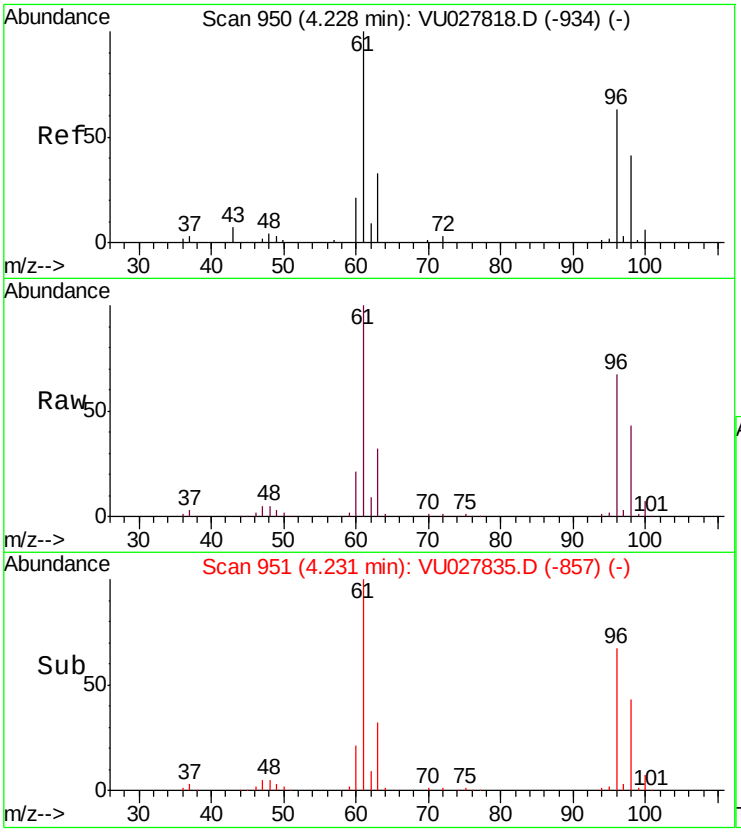


#17
trans-1,2-Dichloroethene
Concen: 1.205 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 96 Resp: 903

Ion	Ratio	Lower	Upper
96	100		
61	187.0	114.7	212.9
98	75.1	42.2	78.4



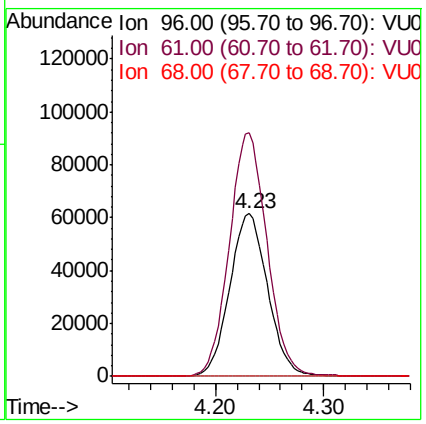


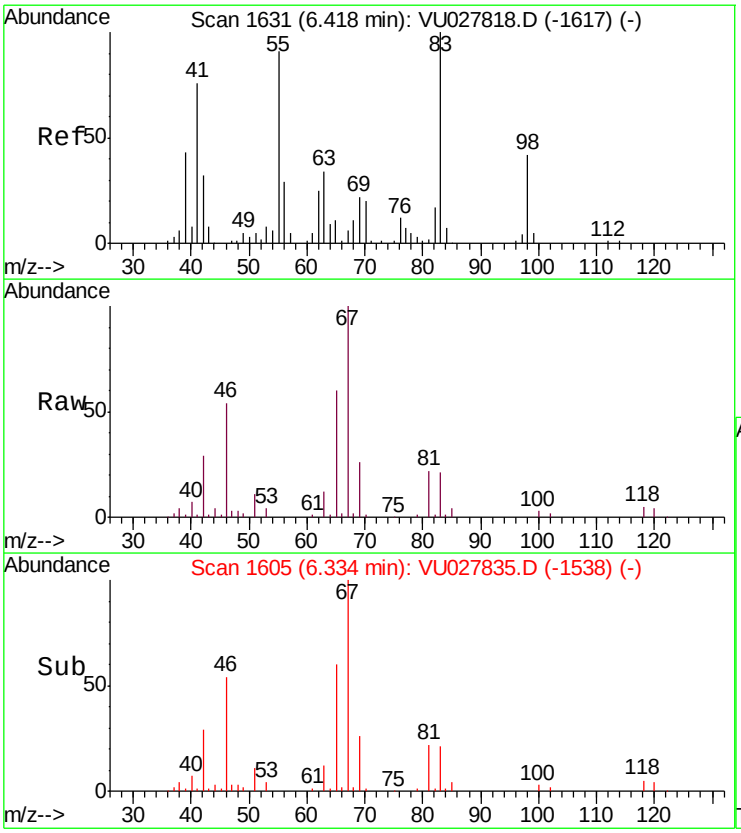
#20
cis-1,2-Dichloroethene
Concen: 170.274 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
ETBR9

Tgt Ion: 96 Resp: 150913

Ion	Ratio	Lower	Upper
96	100		
61	149.7	104.2	193.4
68	0.0	0.0	0.0

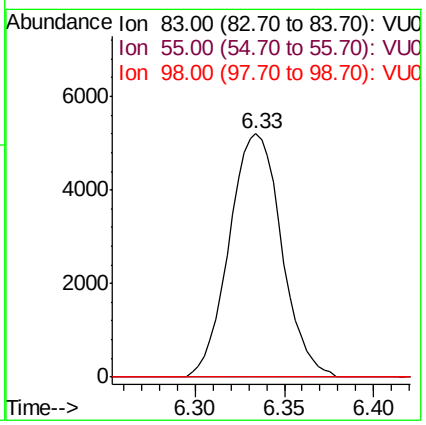


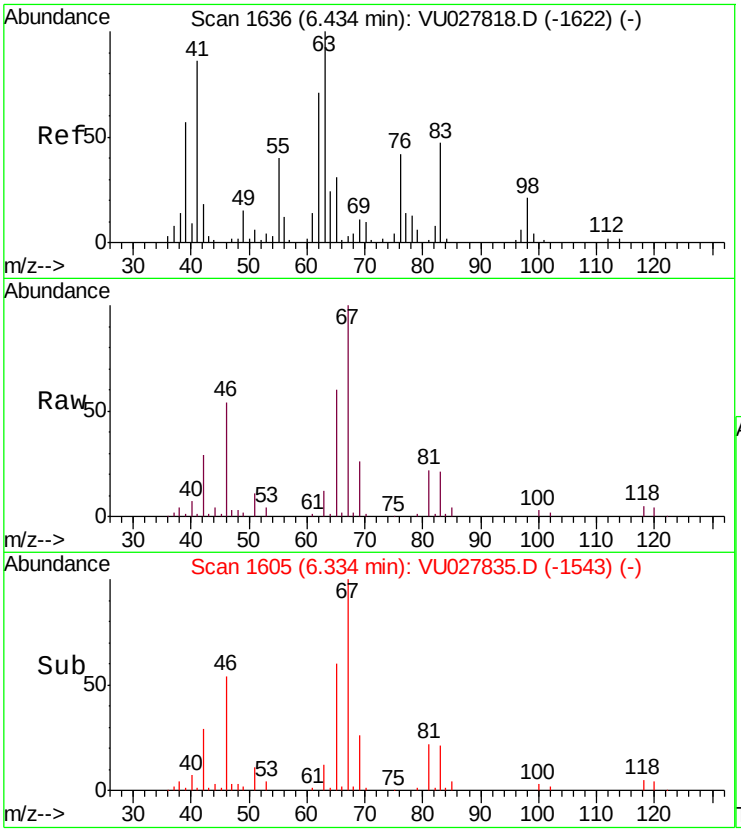


#35
Methylcyclohexane
Concen: 7.410 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 83 Resp: 10604

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.0	34.6	52.0#



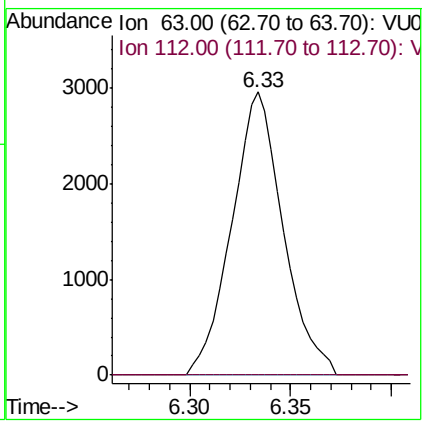


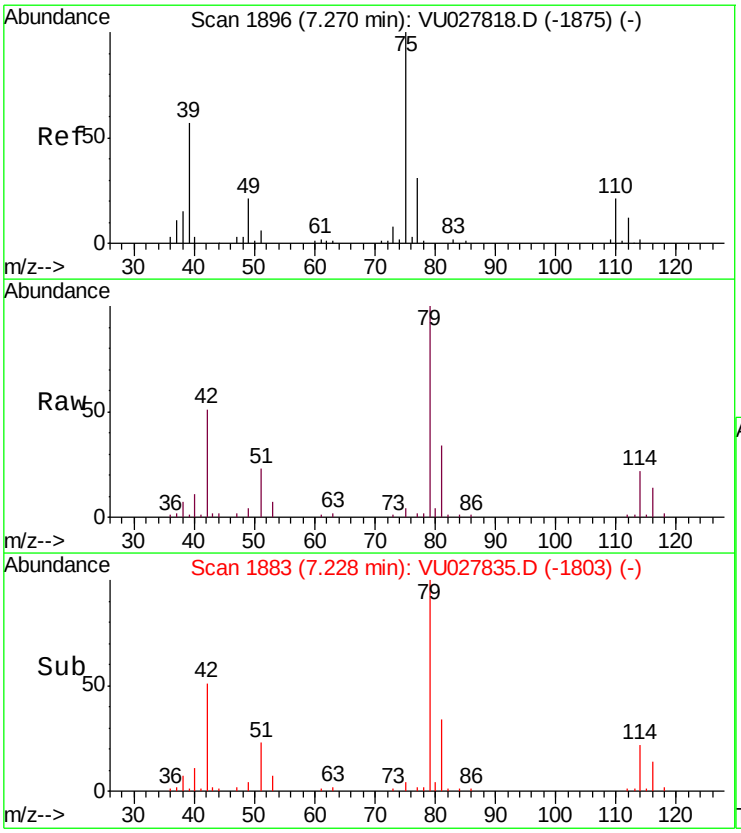
#37
1,2-Dichloropropane
Concen: 5.408 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
ETBR9

Tgt Ion: 63 Resp: 5281

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

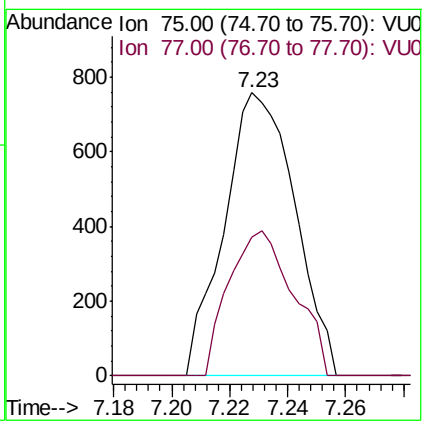


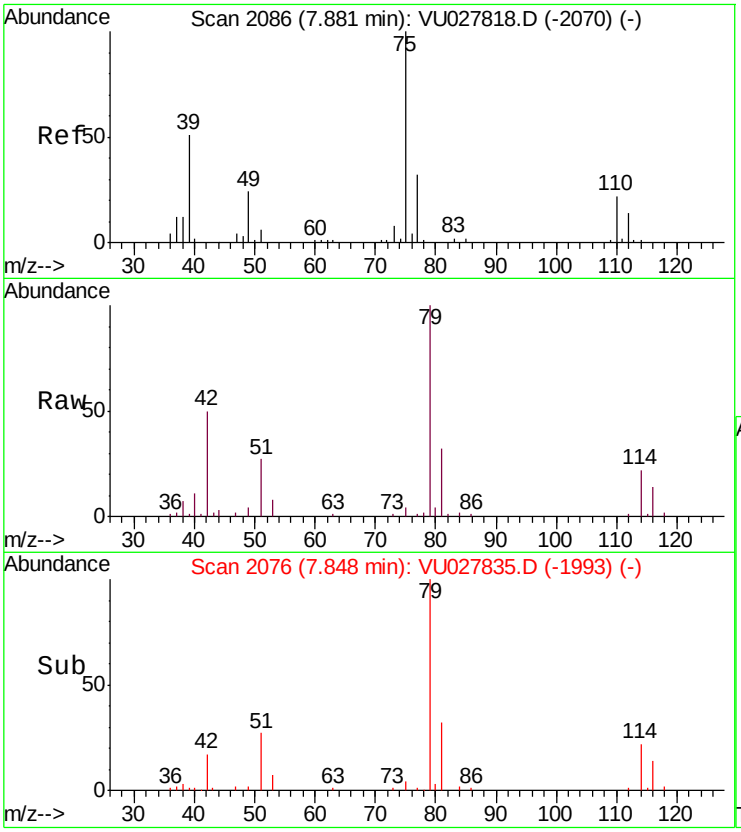


#39
cis-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 75 Resp: 1283

Ion	Ratio	Lower	Upper
75	100		
77	48.8	22.5	41.7#



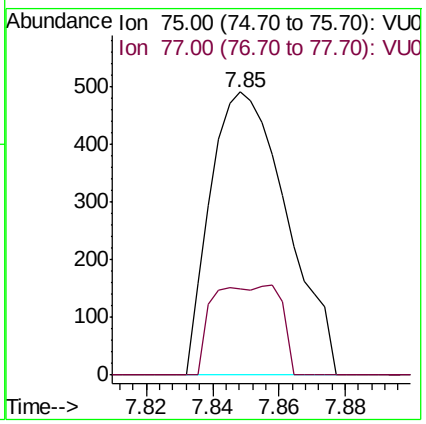


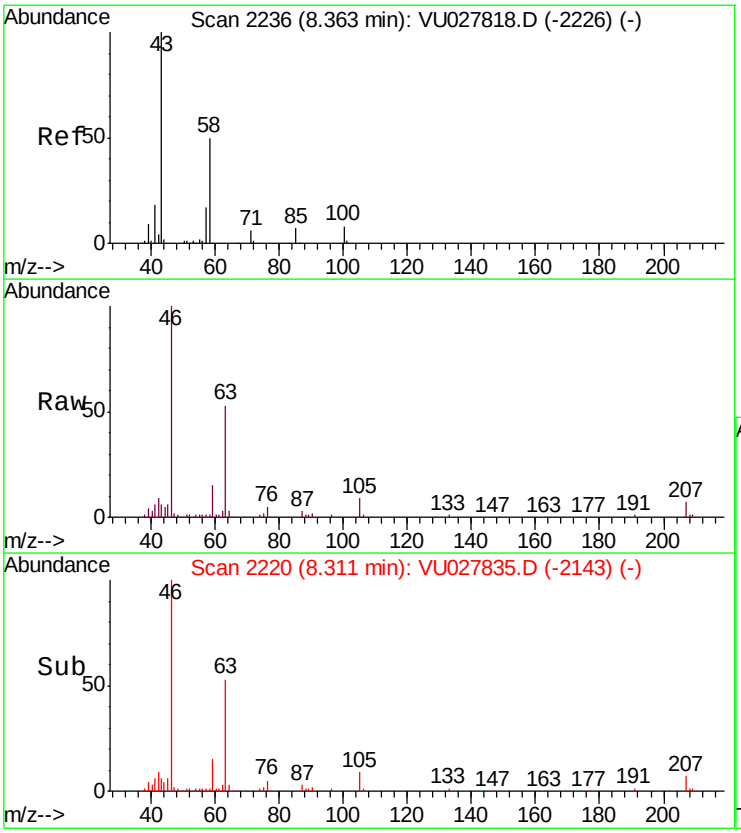
#44
trans-1,3-Dichloropropene
Concen: 0.552 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
ETBR9

Tgt Ion: 75 Resp: 785

Ion	Ratio	Lower	Upper
75	100		
77	30.4	22.8	42.4

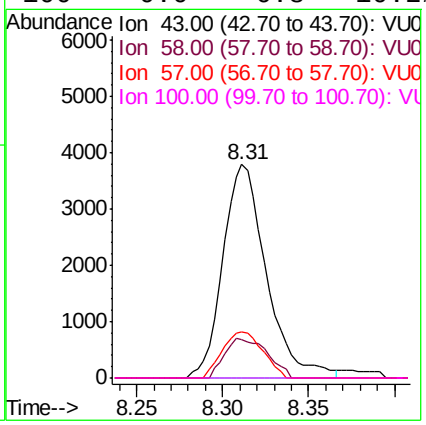


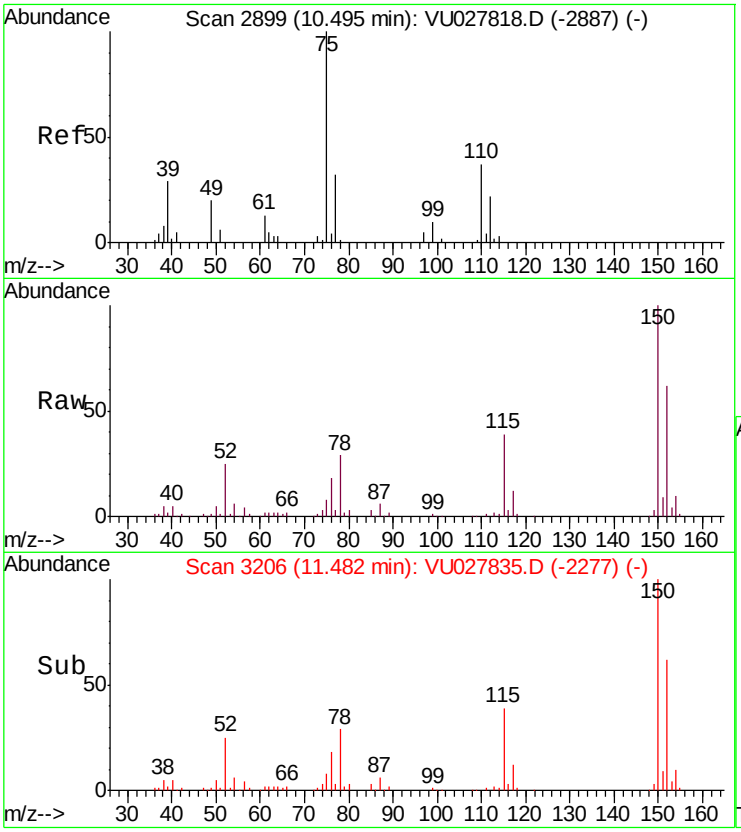


#48
2-Hexanone
Concen: 5.474 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Tgt Ion: 43 Resp: 6663

Ion	Ratio	Lower	Upper
43	100		
58	11.9	38.8	58.2#
57	20.0	13.1	19.7#
100	0.0	6.8	10.2#





#59
1,2,3-Trichloropropane
Concen: 5.457 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027835.D
Acq: 26 Oct 2018 15:52

Instrument :
MSVOA_U
ClientSampleId :
ETBR9

Tgt Ion: 75 Resp: 6298

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.5	39.7