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

Quantitation Report (Not Reviewed)

Data File : VU027839.D
Acq On : 26 Oct 2018 17:24
Operator : MD/SY
Sample : J5668-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS4

Quant Time: Oct 27 01:49:46 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	120859	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	112813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50979	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28452	30.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.52%			
7) Chloroethane-d5	1.68	69	24675	34.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 68.16%#			
11) 1,1-Dichloroethene-d2	2.27	63	44330	26.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.34%#			
21) 2-Butanone-d5	4.18	46	76932	96.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.00%			
24) Chloroform-d	4.65	84	66602	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.80%			
26) 1,2-Dichloroethane-d4	5.31	65	47914	40.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.86%			
32) Benzene-d6	5.34	84	124003	38.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.20%			
36) 1,2-Dichloropropane-d6	6.33	67	46674	40.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.38%			
41) Toluene-d8	7.57	98	111241	37.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.08%#			
43) trans-1,3-Dichloropropene-	7.85	79	21291	38.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.44%			
47) 2-Hexanone-d5	8.31	63	56878	96.90	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63505	42.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	43718	41.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.74%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	1306	1.197	ug/L #	1
8) Chloroethane	1.70	64	266	0.452	ug/L #	58
13) Acetone	2.32	43	3446	6.173	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	8450	9.588	ug/L	96
35) Methylcyclohexane	6.33	83	10139	6.978	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5090	5.133	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1177	0.771	ug/L #	40
44) trans-1,3-Dichloropropene	7.85	75	835	0.578	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	6394	5.456	ug/L	93

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

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QLast Update : Sat Oct 27 01:41:17 2018
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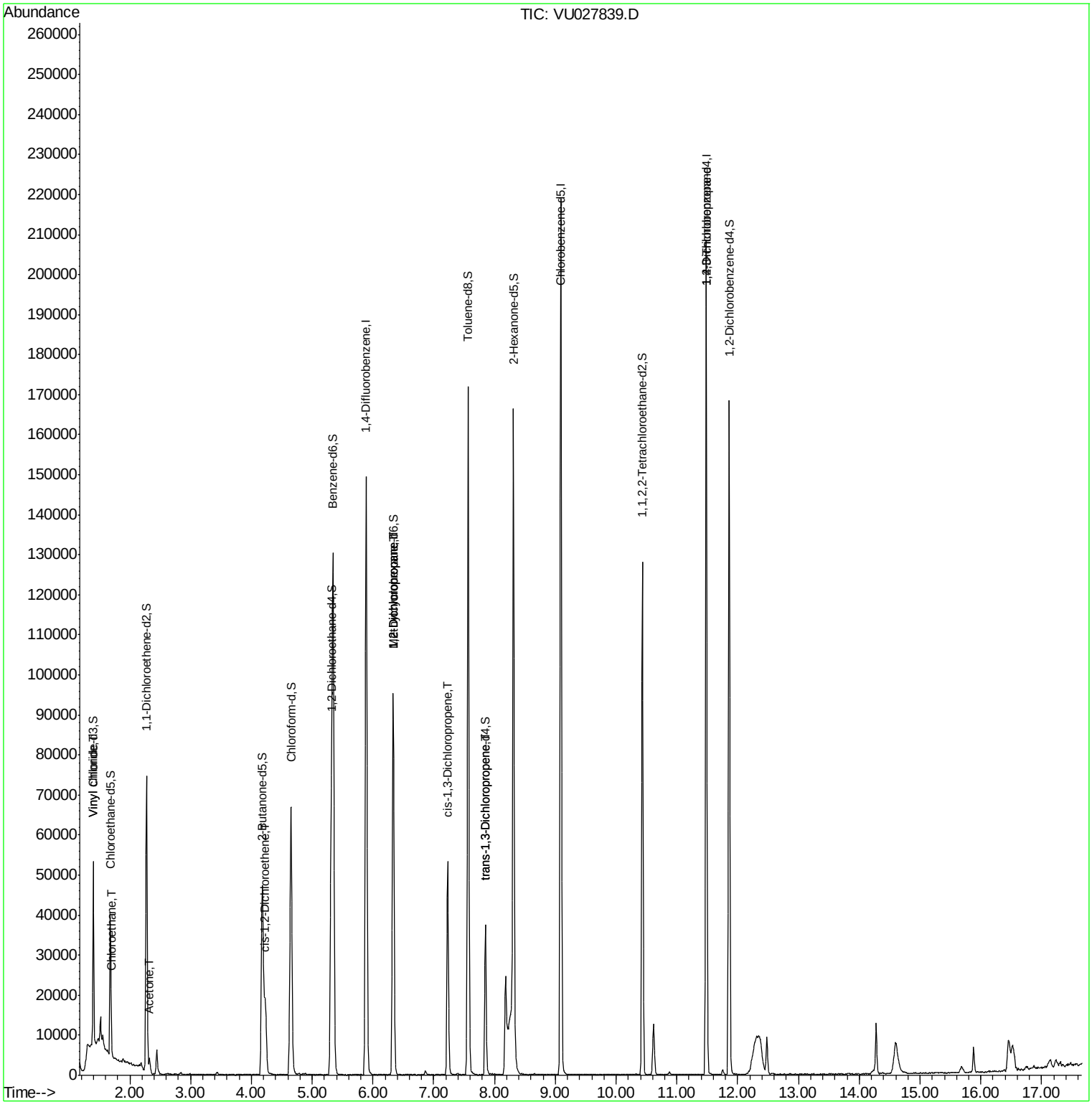
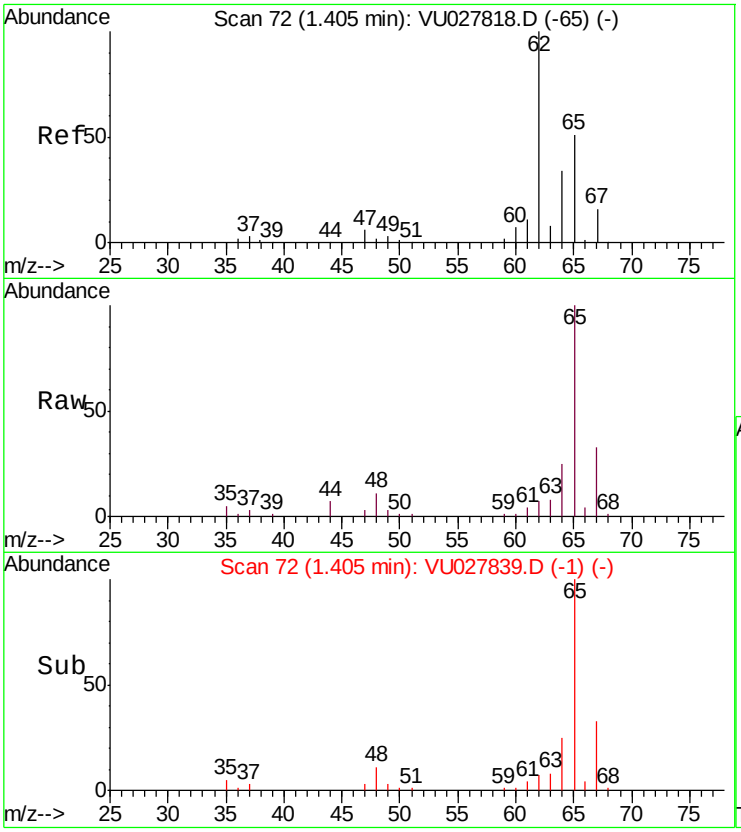


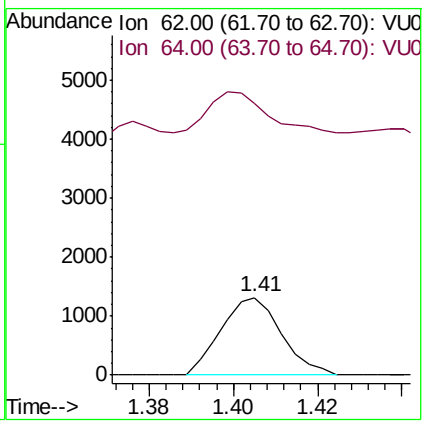


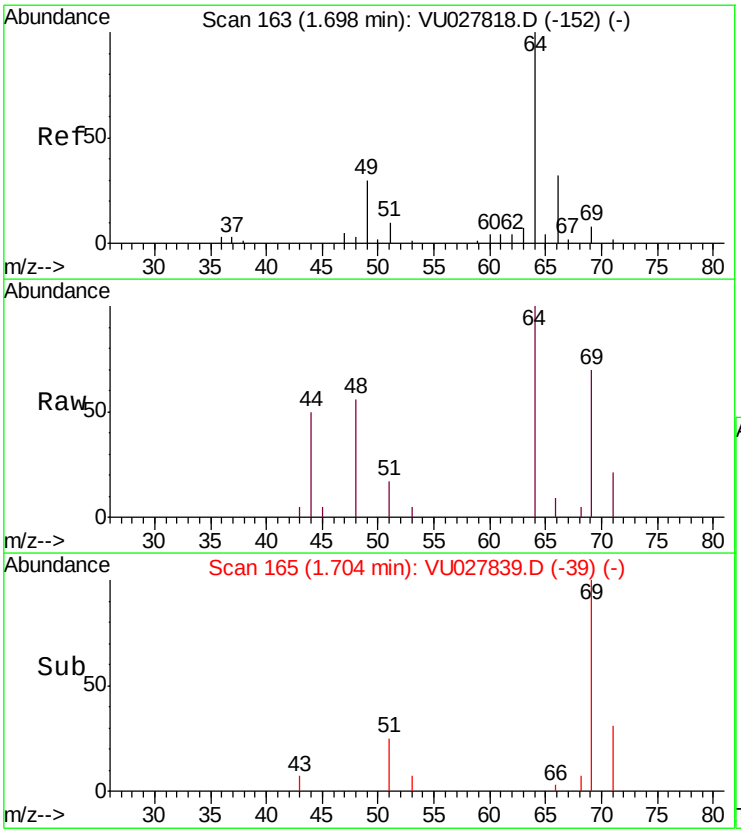
#5
Vinyl chloride
Concen: 1.197 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
ETBS4

Tgt Ion: 62 Resp: 1306

Ion	Ratio	Lower	Upper
62	100		
64	349.0	23.0	42.8#

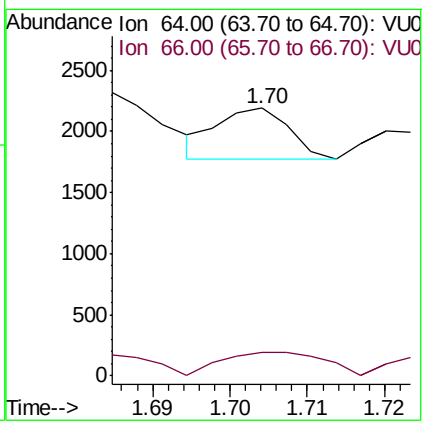


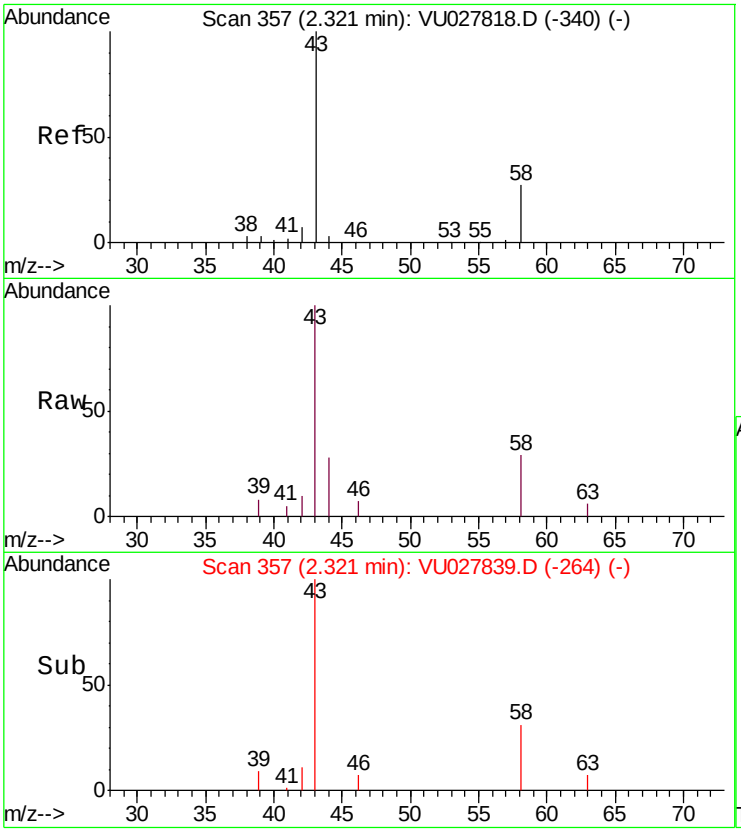


#8
Chloroethane
Concen: 0.452 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.01 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Tgt Ion: 64 Resp: 266

Ion	Ratio	Lower	Upper
64	100		
66	8.7	22.6	42.0#



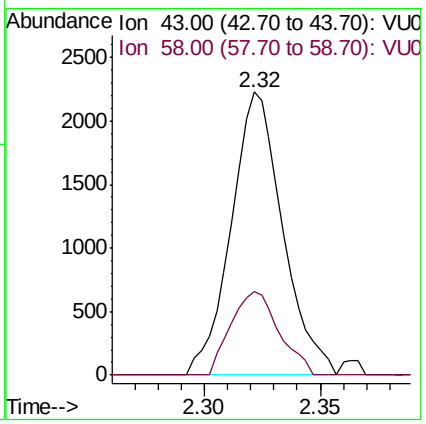


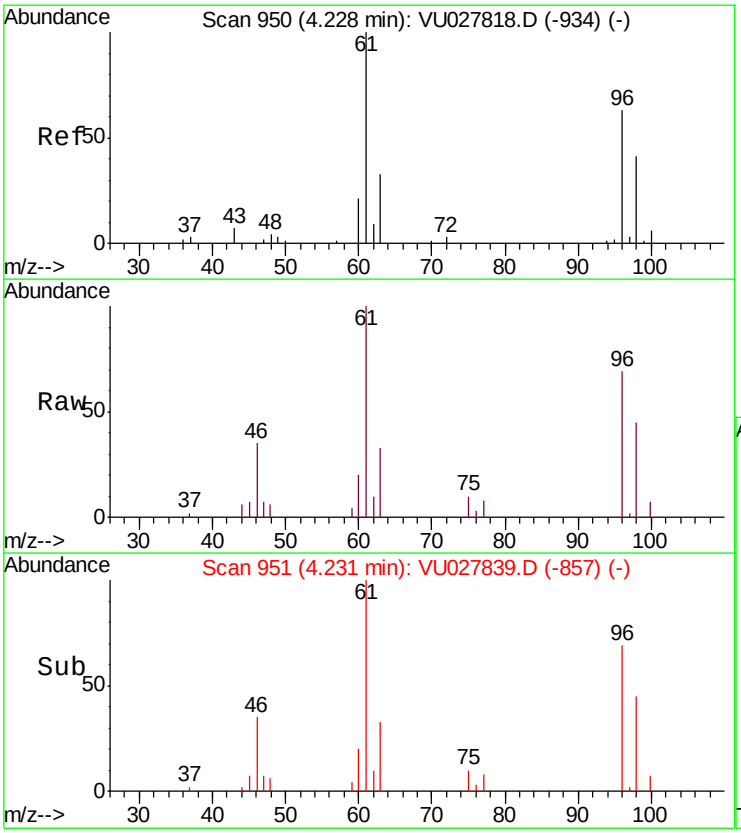
#13
Acetone
Concen: 6.173 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
ETBS4

Tgt Ion: 43 Resp: 3446

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	57.4

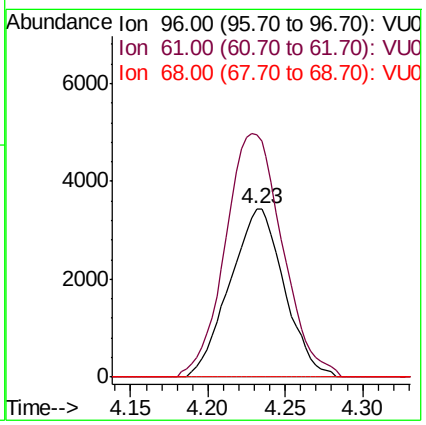


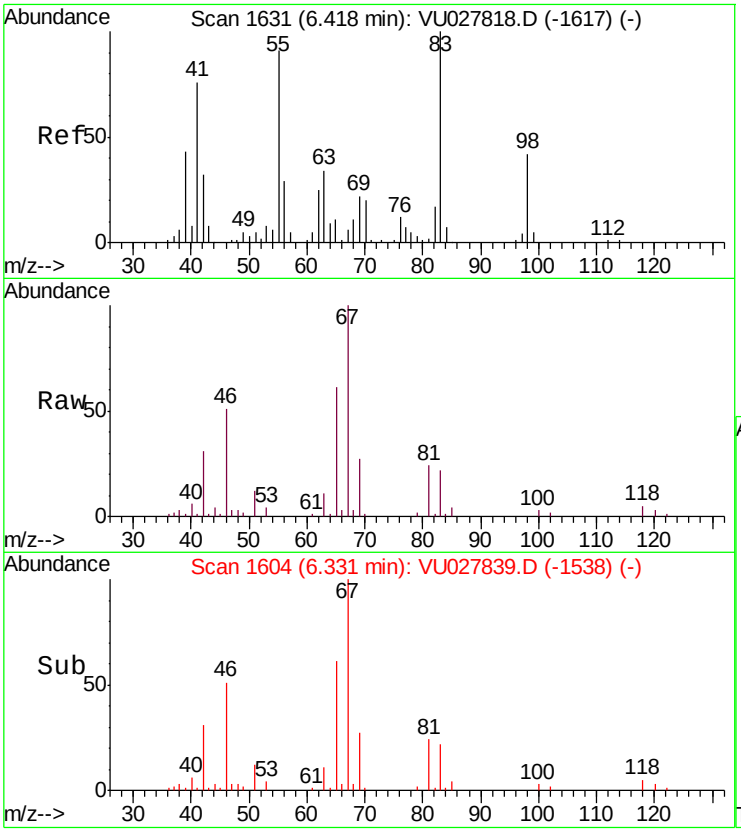


#20
cis-1,2-Dichloroethene
Concen: 9.588 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Tgt Ion: 96 Resp: 8450

Ion	Ratio	Lower	Upper
96	100		
61	144.2	104.2	193.4
68	0.0	0.0	0.0



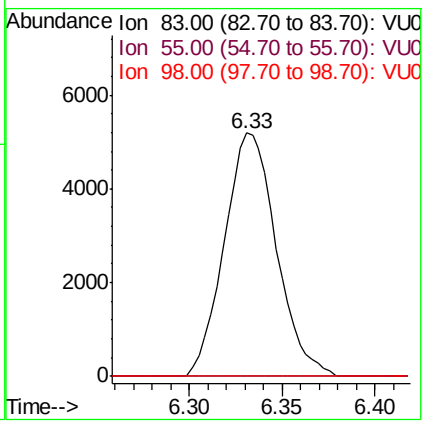


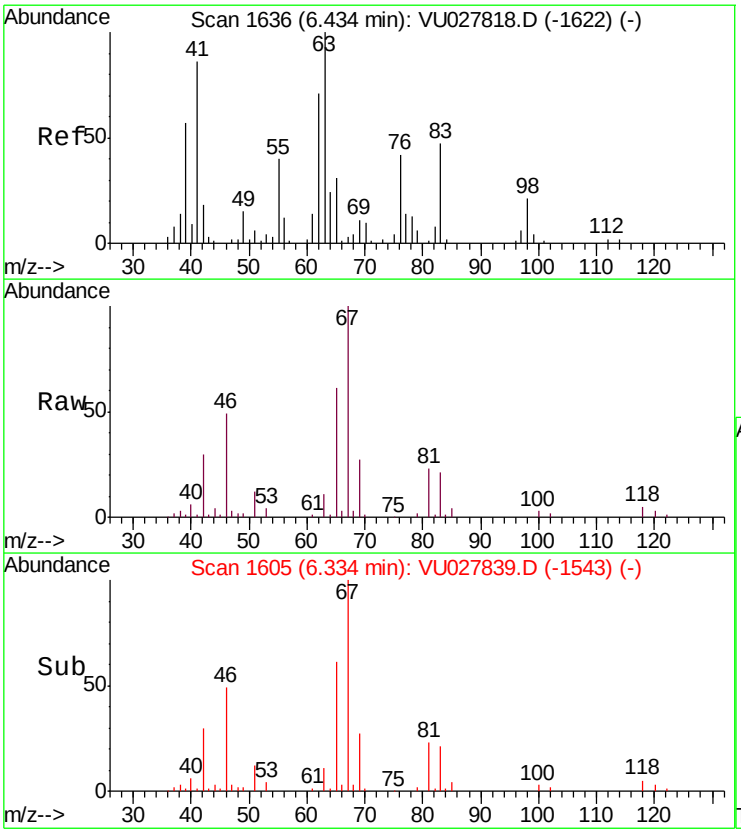
#35
Methylcyclohexane
Concen: 6.978 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
ETBS4

Tgt Ion: 83 Resp: 10139

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

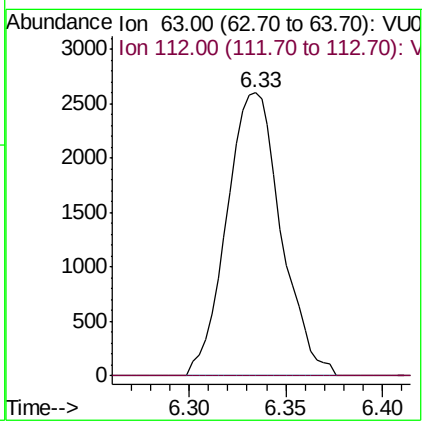


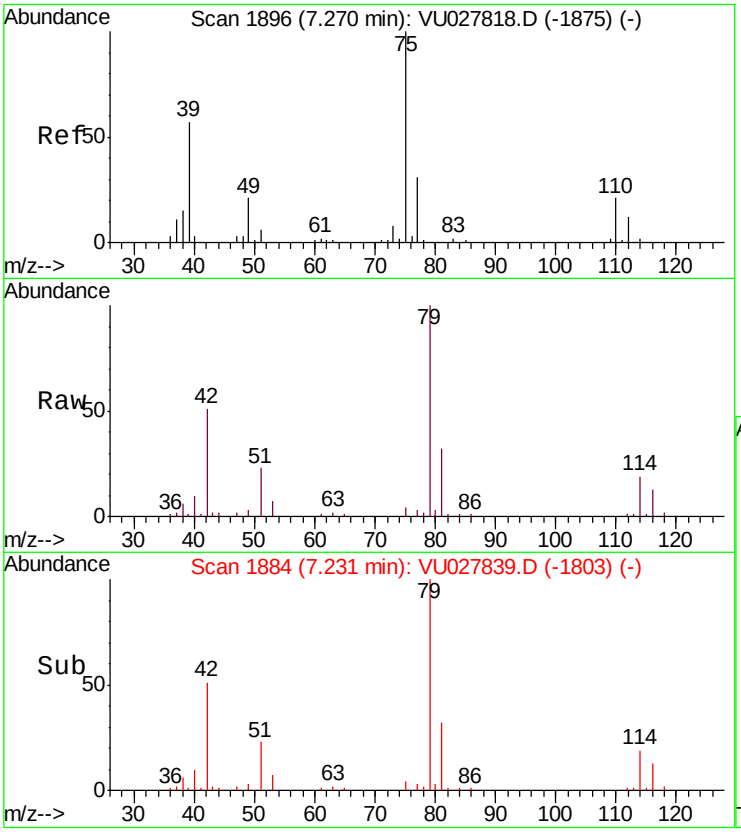


#37
1,2-Dichloropropane
Concen: 5.133 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Tgt Ion: 63 Resp: 5090

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



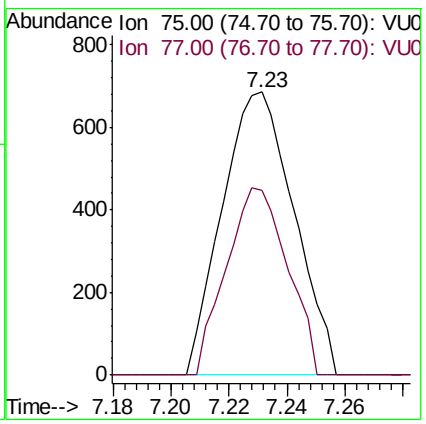


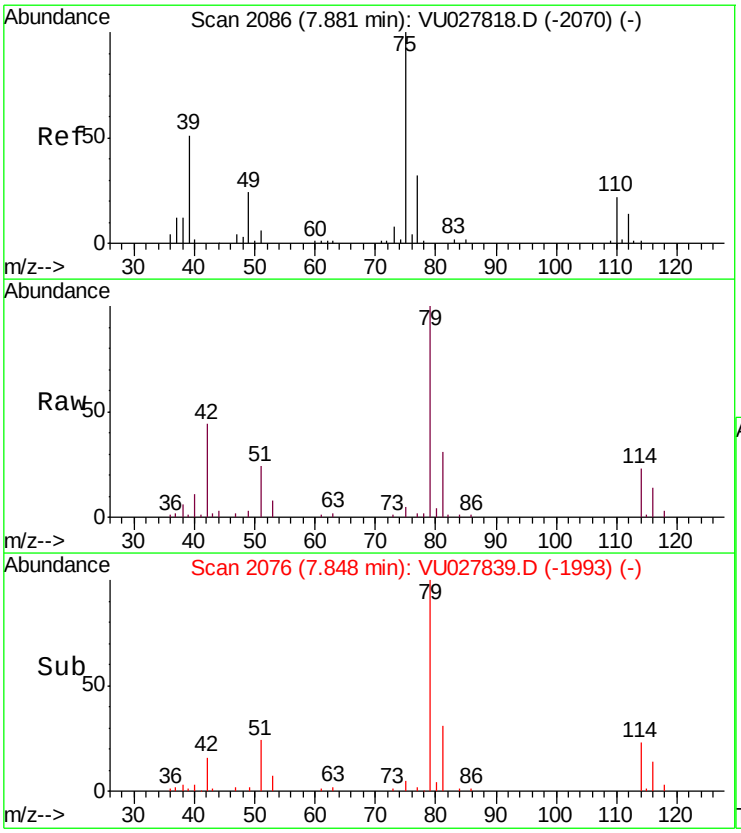
#39
cis-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
ETBS4

Tgt Ion: 75 Resp: 1177

Ion	Ratio	Lower	Upper
75	100		
77	65.5	22.5	41.7#

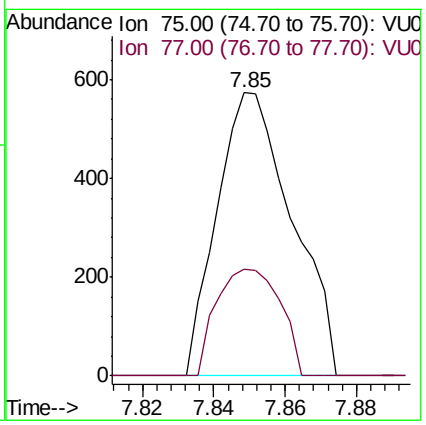


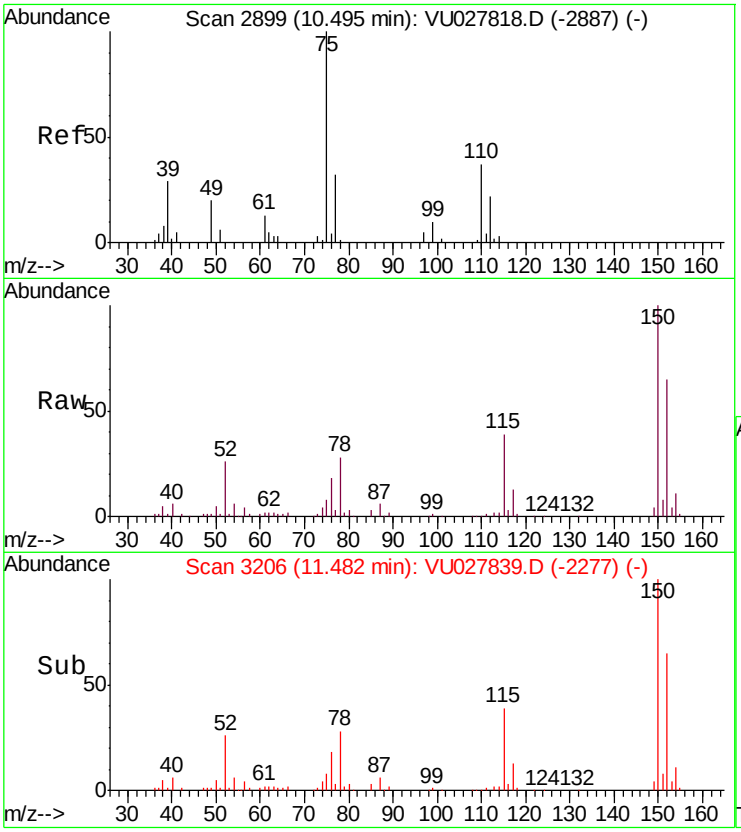


#44
trans-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Tgt Ion: 75 Resp: 835

Ion	Ratio	Lower	Upper
75	100		
77	37.9	22.8	42.4





#59
1,2,3-Trichloropropane
Concen: 5.456 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027839.D
Acq: 26 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
ETBS4

Tgt Ion: 75 Resp: 6394

Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.5	39.7