Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\

Quantitation Report (Not Reviewed)

Data File : VU028950.D
Acq On : 24 Dec 2018 16:18
Operator : MD/SY
Sample : J6542-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F89

Quant Time: Dec 25 00:08:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	259762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111492	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	78820	37.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.70%			
7) Chloroethane-d5	1.67	69	69680	43.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.64%			
11) 1,1-Dichloroethene-d2	2.27	63	116205	33.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.36%			
21) 2-Butanone-d5	4.17	46	133143	91.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.25%			
24) Chloroform-d	4.65	84	150072	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.66%			
26) 1,2-Dichloroethane-d4	5.31	65	95340	47.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.46%			
32) Benzene-d6	5.34	84	335080	49.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.18%			
36) 1,2-Dichloropropane-d6	6.33	67	109927	47.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.82%			
41) Toluene-d8	7.56	98	312331	50.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.98%			
43) trans-1,3-Dichloropropene-	7.85	79	52321	50.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.70%			
47) 2-Hexanone-d5	8.31	63	113975	103.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.49%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154415	48.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	118628	52.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.22%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	2102	0.730	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1102	0.655	ug/L #	20
13) Acetone	2.32	43	1033	0.695	ug/L	97
27) 1,2-Dichloroethane	5.34	62	1557	0.628	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	10380	4.827	ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1899	0.695	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	12421	4.841	ug/L	96

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

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QLast Update : Tue Dec 25 00:02:36 2018
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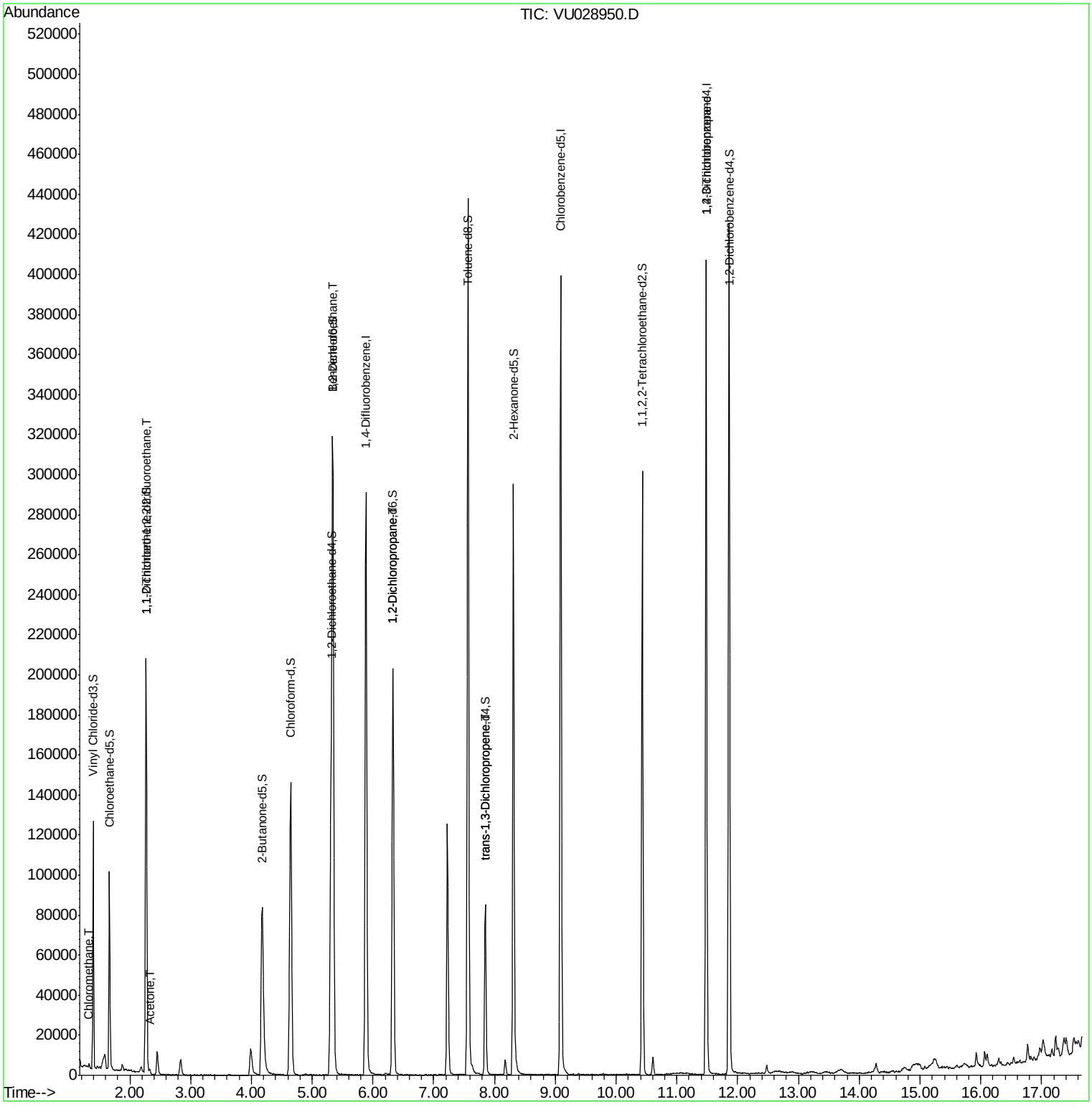
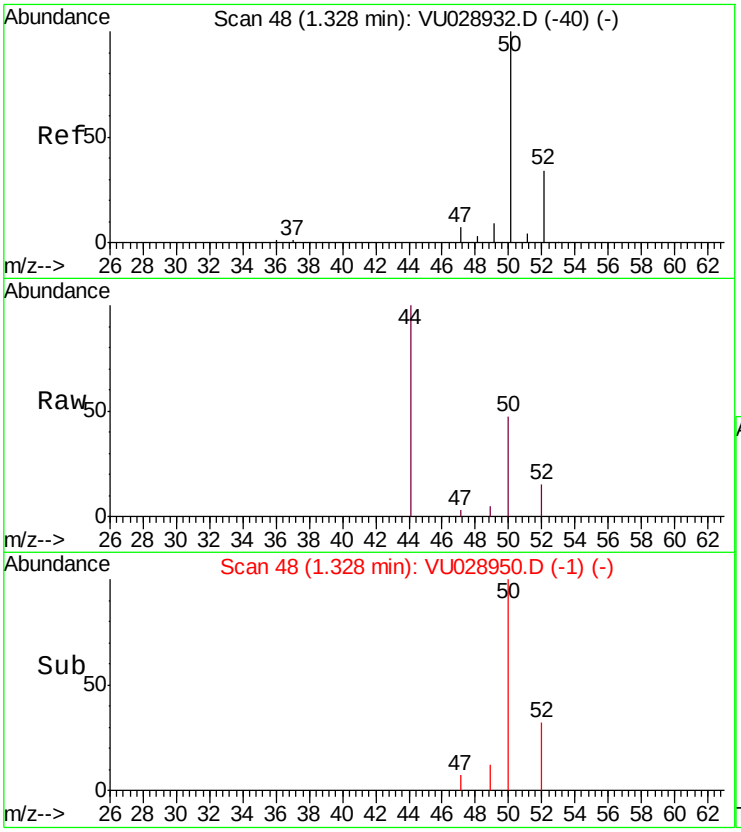


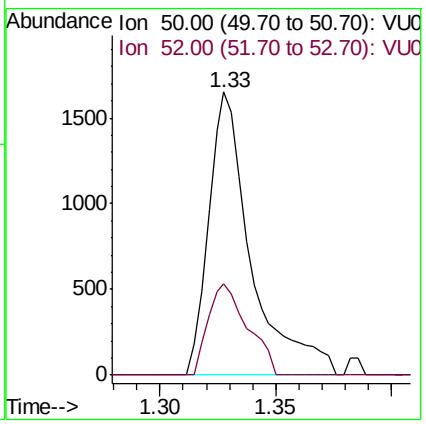


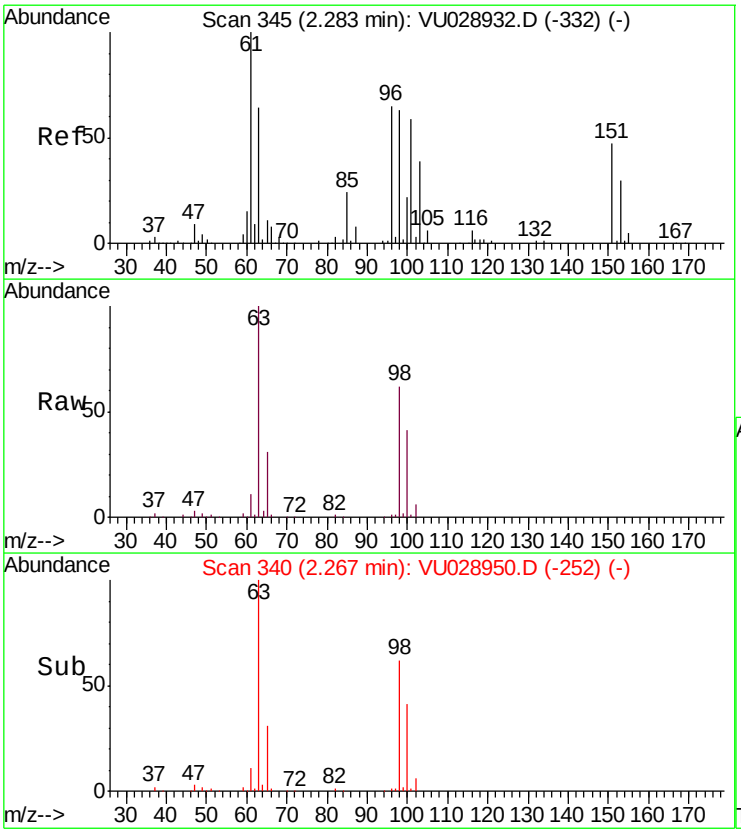
#3
Chloromethane
Concen: 0.730 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
F9F89

Tgt Ion: 50 Resp: 2102

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.3	41.3

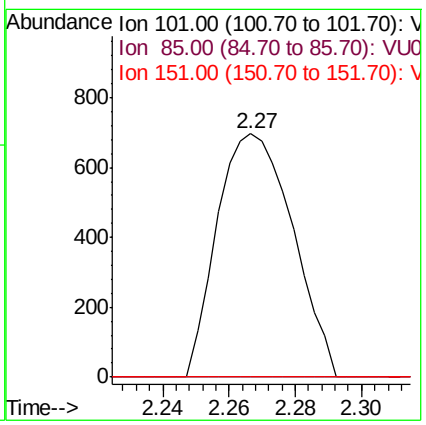


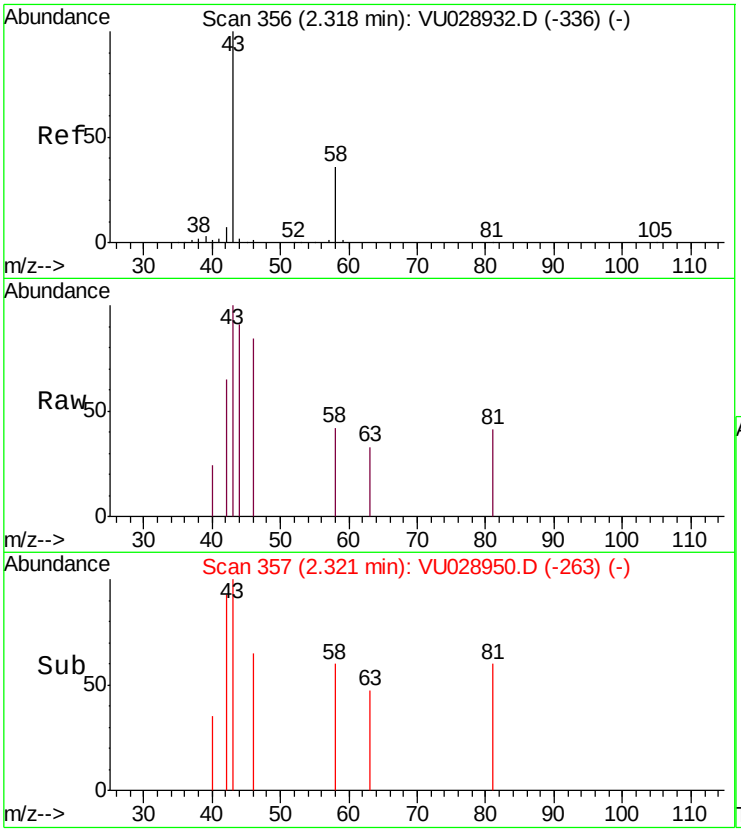


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Tgt Ion:101 Resp: 1102

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#



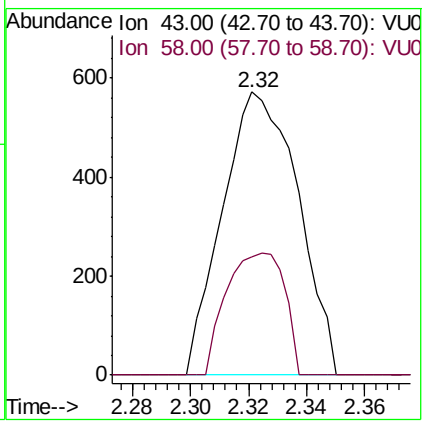


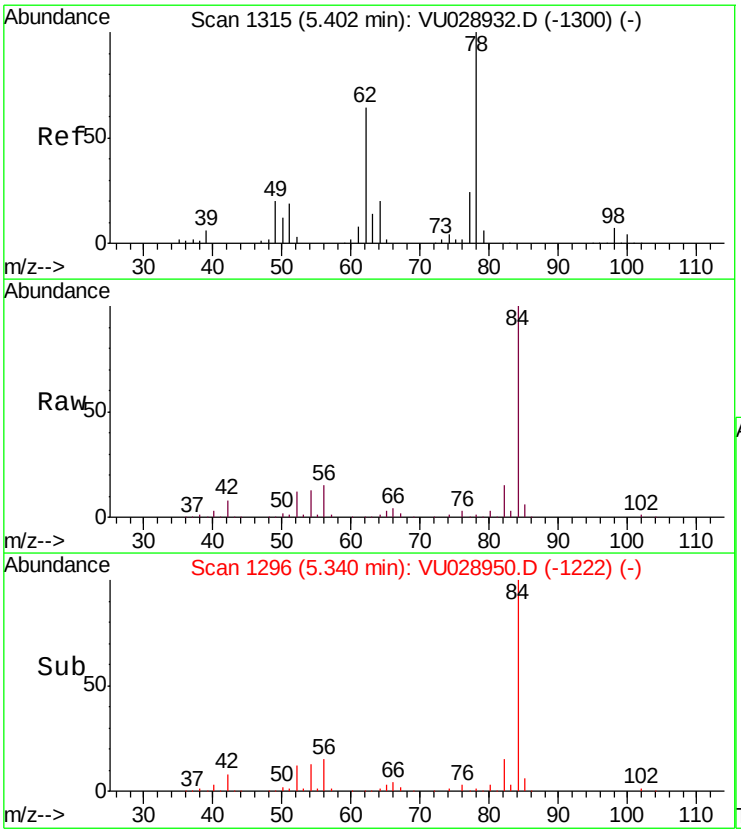
#13
Acetone
Concen: 0.695 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
F9F89

Tgt Ion: 43 Resp: 1033

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	70.2

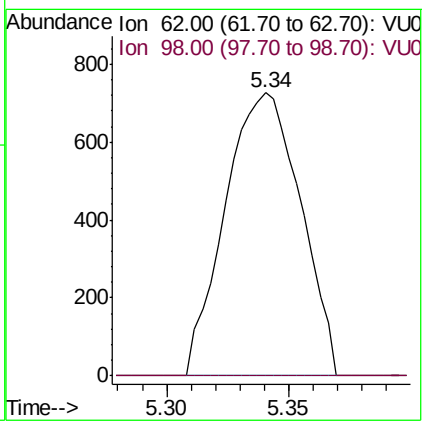


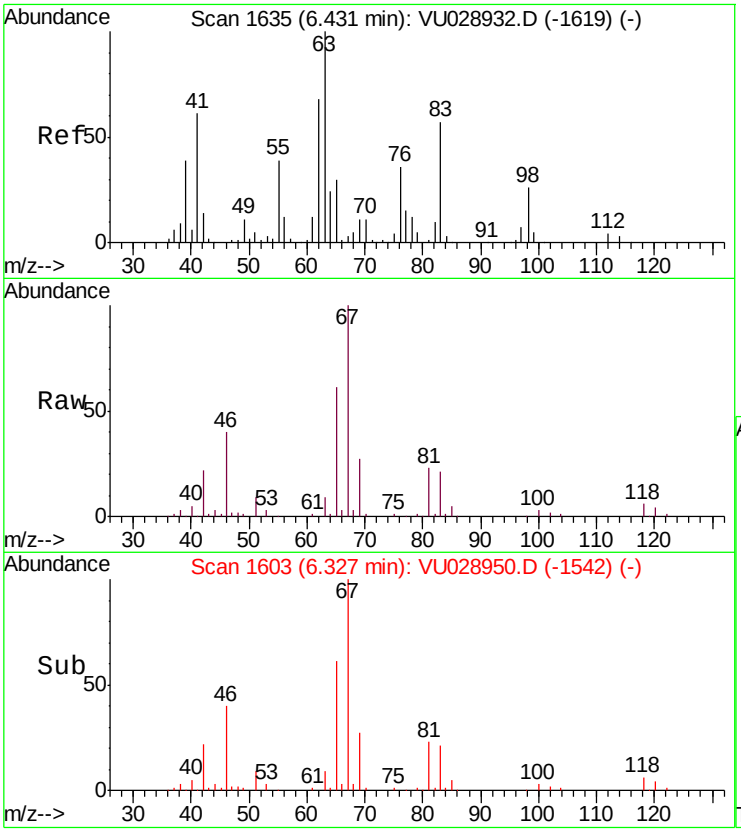


#27
1,2-Dichloroethane
Concen: 0.628 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Tgt Ion: 62 Resp: 1557

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



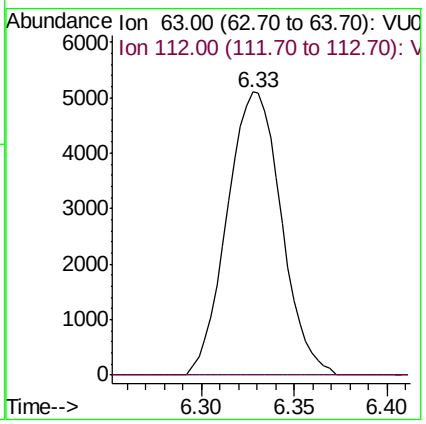


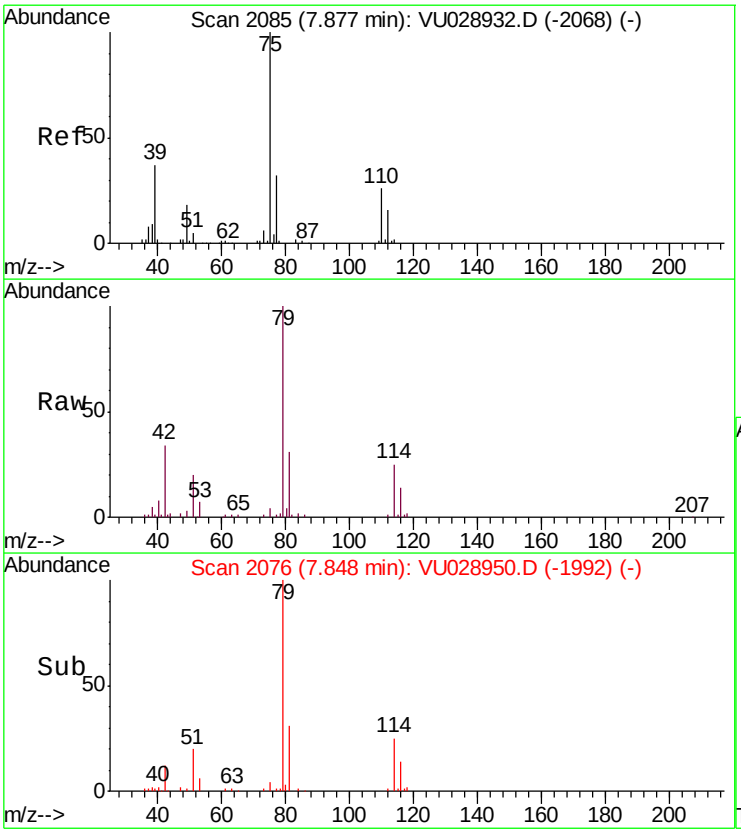
#37
1,2-Dichloropropane
Concen: 4.827 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Instrument : MSVOA_U
ClientSampleId : F9F89

Tgt Ion: 63 Resp: 10380

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

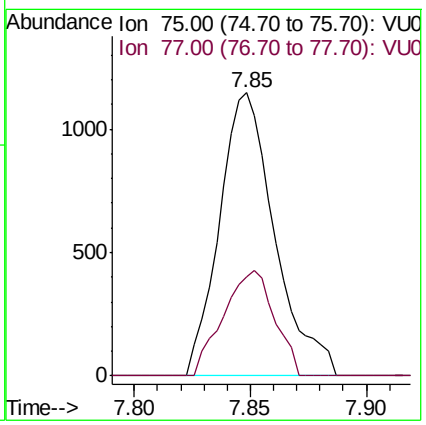


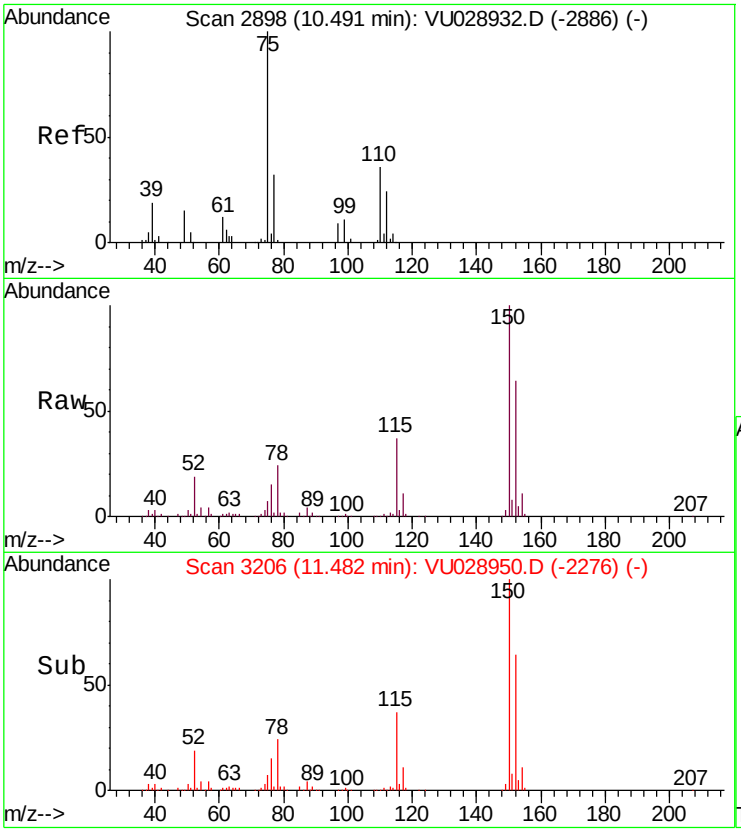


#44
trans-1,3-Dichloropropene
Concen: 0.695 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Tgt Ion: 75 Resp: 1899

Ion	Ratio	Lower	Upper
75	100		
77	35.1	21.8	40.6





#59
1,2,3-Trichloropropane
Concen: 4.841 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028950.D
Acq: 24 Dec 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
F9F89

Tgt Ion: 75 Resp: 12421

Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.5	38.3