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

Quantitation Report (Not Reviewed)

Data File : VU028943.D
Acq On : 24 Dec 2018 13:30
Operator : MD/SY
Sample : J6489-09 10X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F86

Quant Time: Dec 25 00:07:25 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	255482	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	240836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119600	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	69189	33.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.56%			
7) Chloroethane-d5	1.66	69	60472	38.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.46%			
11) 1,1-Dichloroethene-d2	2.27	63	103965	30.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.36%			
21) 2-Butanone-d5	4.17	46	121505	84.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.67%			
24) Chloroform-d	4.65	84	136852	42.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.98%			
26) 1,2-Dichloroethane-d4	5.31	65	86221	43.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.86%			
32) Benzene-d6	5.34	84	303383	44.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.18%			
36) 1,2-Dichloropropane-d6	6.33	67	101518	43.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.84%			
41) Toluene-d8	7.56	98	284038	46.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.14%			
43) trans-1,3-Dichloropropene-	7.85	79	48101	46.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.88%			
47) 2-Hexanone-d5	8.31	63	106261	96.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.79%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145013	45.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	117228	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.92%			

Target Compounds						Qvalue
3) Chloromethane	1.33	50	2162	0.763	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1031	0.623	ug/L #	20
16) Methylene chloride	2.70	84	1399	0.693	ug/L	96
35) Methylcyclohexane	6.41	83	8210	2.663	ug/L	95
37) 1,2-Dichloropropane	6.33	63	9497	4.431	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2388	0.782	ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1639	0.602	ug/L #	81
45) 1,1,2-Trichloroethane	8.04	97	2383	1.300	ug/L #	19
53) m,p-Xylene	9.38	106	1332	0.431	ug/L	76
59) 1,2,3-Trichloropropane	11.48	75	13249	5.180	ug/L	90
69) Naphthalene	13.75	128	2604	0.320	ug/L #	71

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

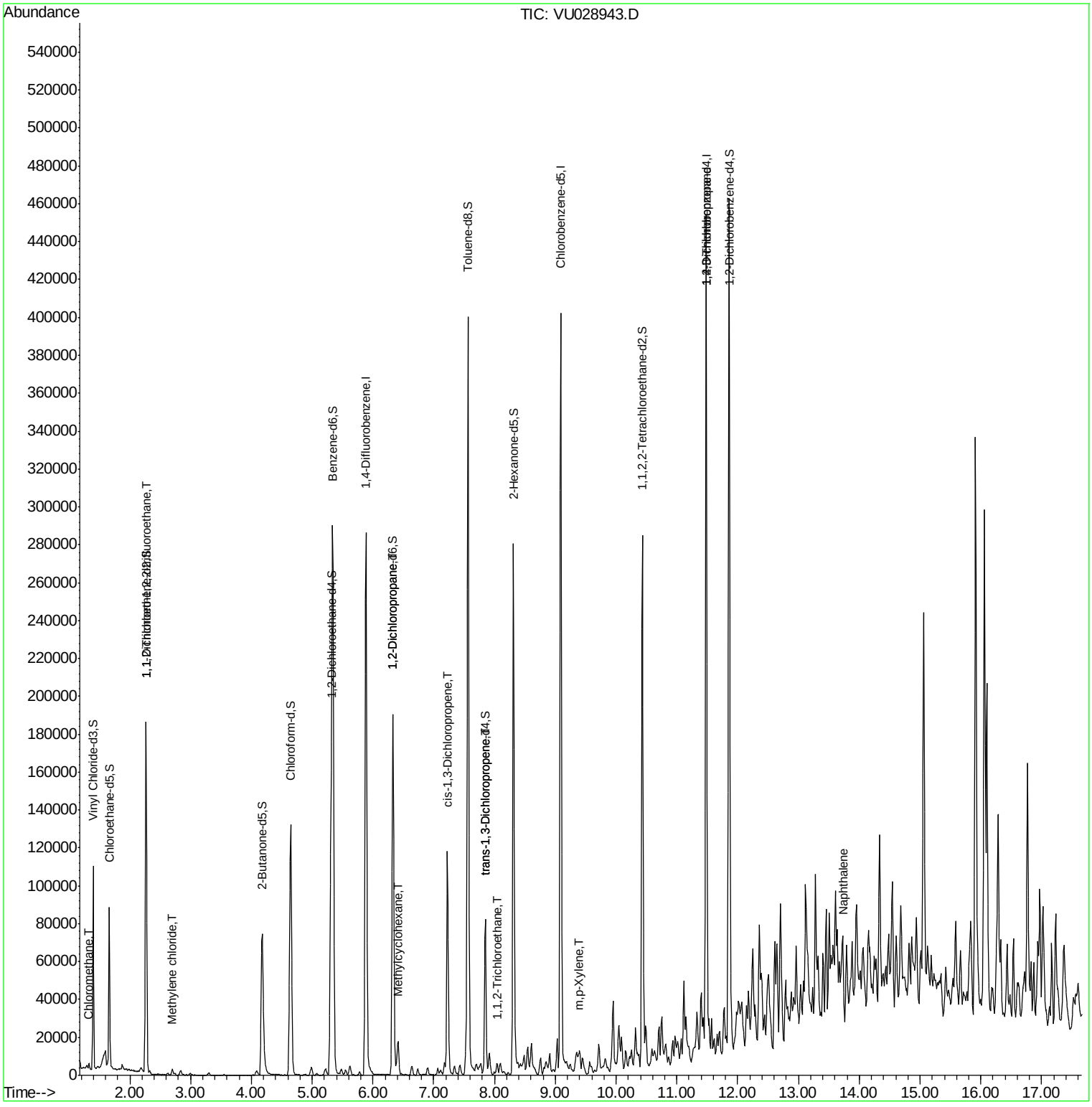
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\

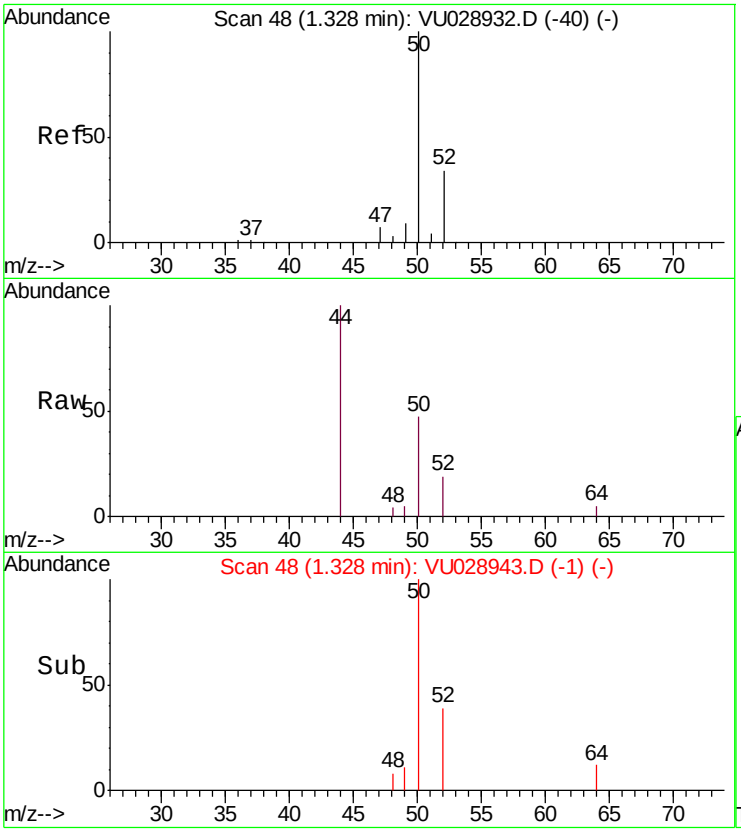
Quantitation Report (Not Reviewed)

Data File : VU028943.D
Acq On : 24 Dec 2018 13:30
Operator : MD/SY
Sample : J6489-09 10X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F86

Quant Time: Dec 25 00:07:25 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



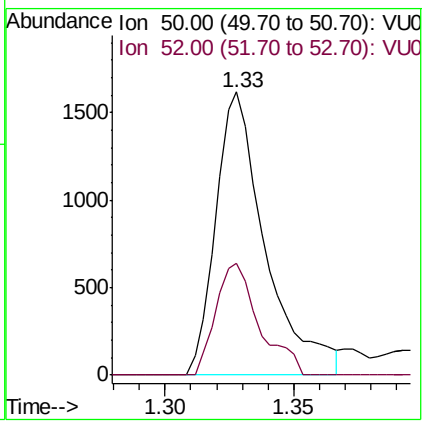


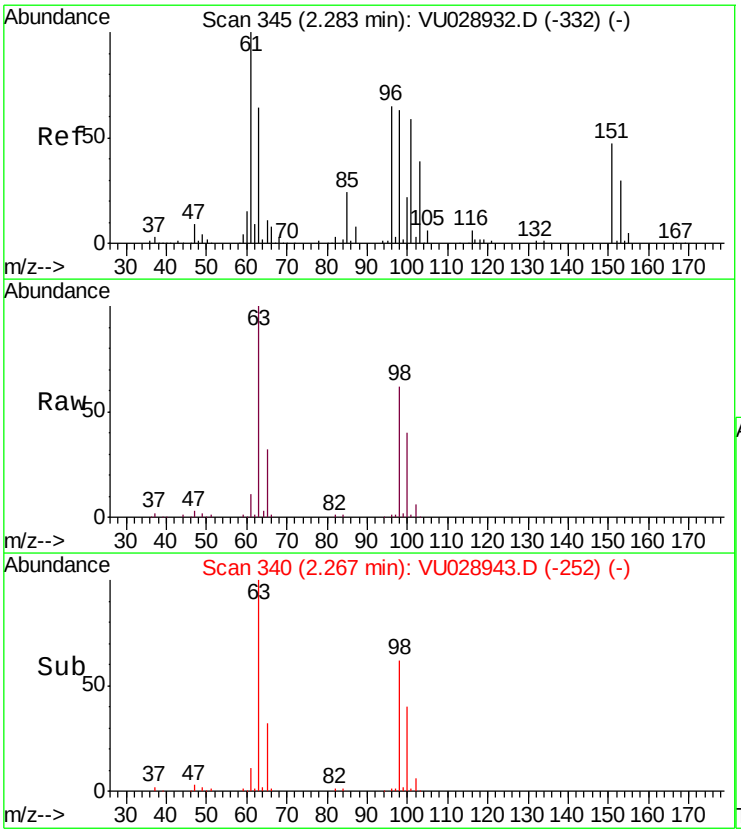
#3
Chloromethane
Concen: 0.763 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument : MSVOA_U
ClientSampleId : F9F86

Tgt Ion: 50 Resp: 2162

Ion	Ratio	Lower	Upper
50	100		
52	39.3	22.3	41.3

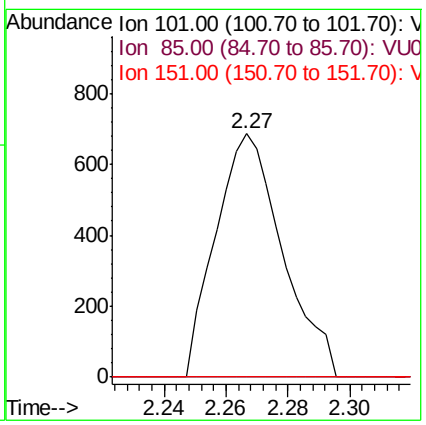


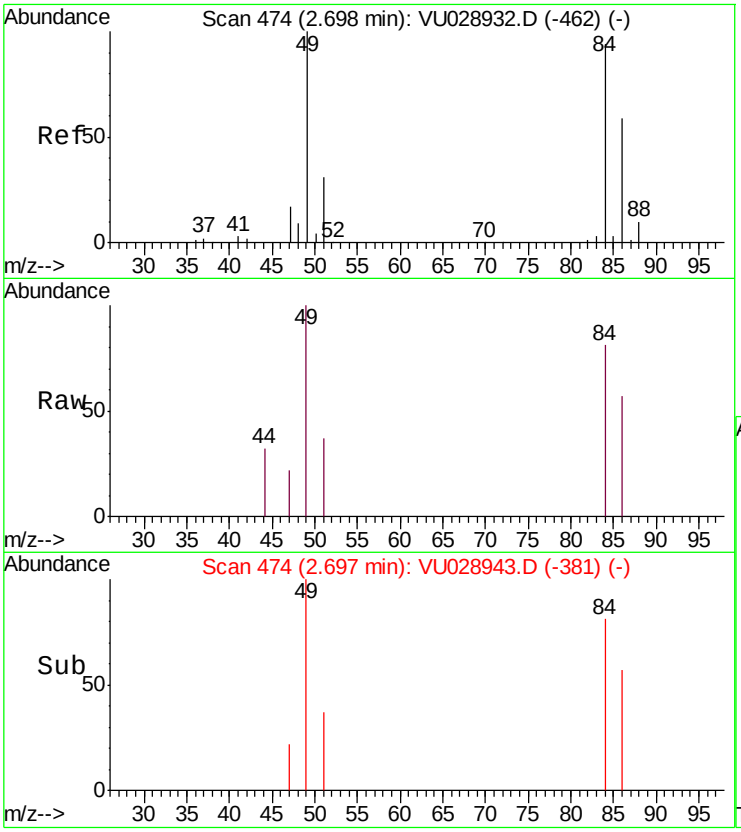


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.623 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Tgt Ion:101 Resp: 1031

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



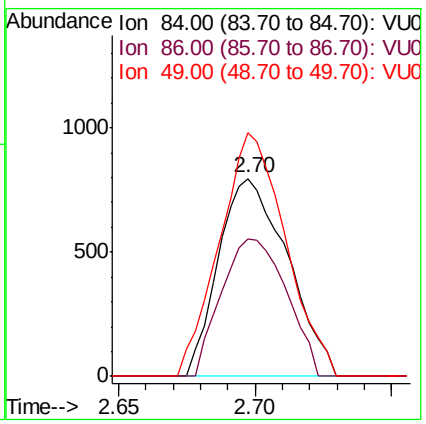


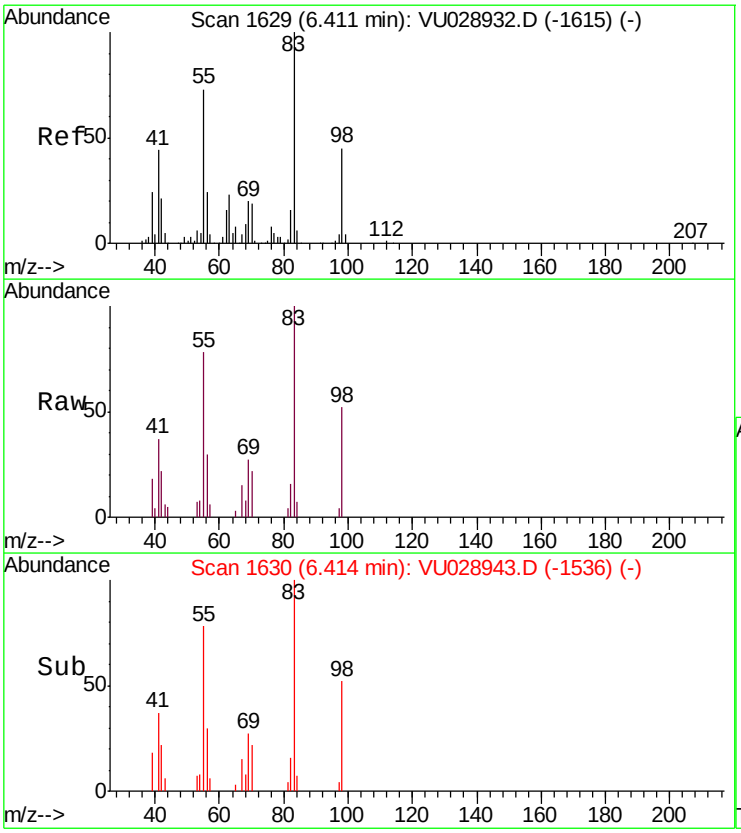
#16
Methylene chloride
Concen: 0.693 ug/L
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument :
MSVOA_U
ClientSampleId :
F9F86

Tgt Ion: 84 Resp: 1399

Ion	Ratio	Lower	Upper
84	100		
86	69.6	44.9	83.3
49	122.8	83.9	155.7

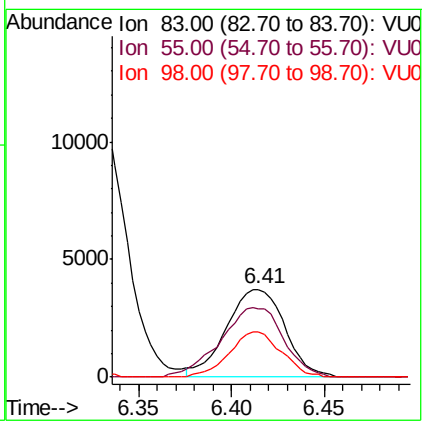


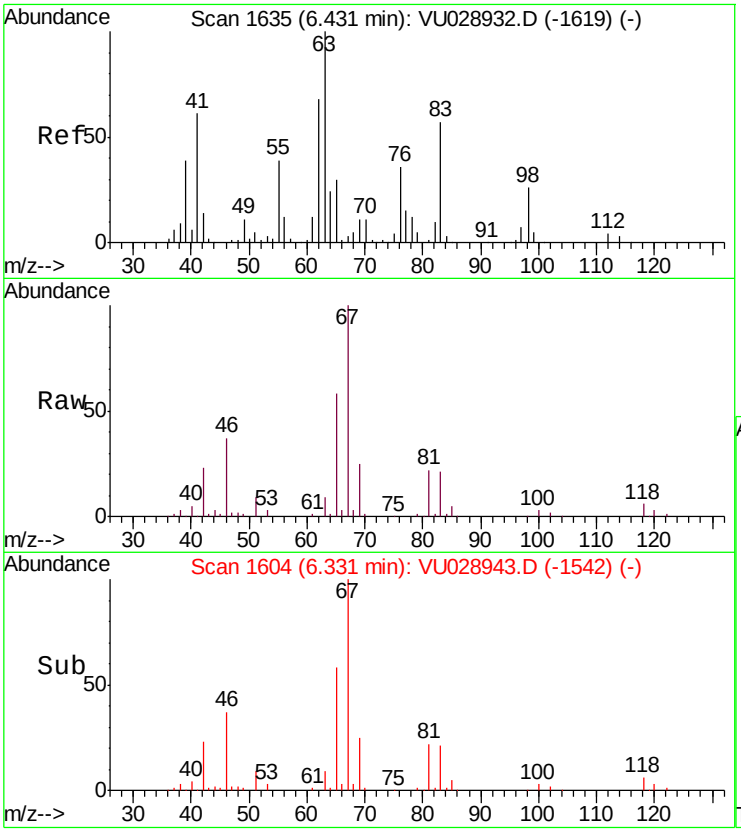


#35
Methylcyclohexane
Concen: 2.663 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Tgt Ion: 83 Resp: 8210

Ion	Ratio	Lower	Upper
83	100		
55	85.1	63.7	95.5
98	46.1	35.6	53.4



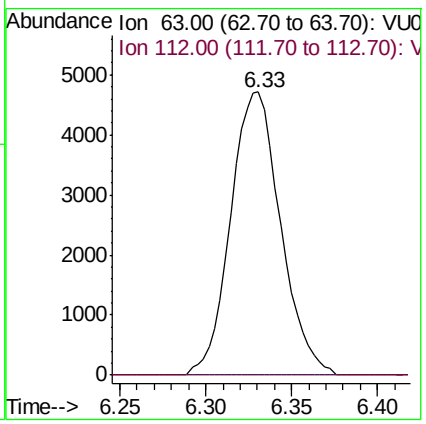


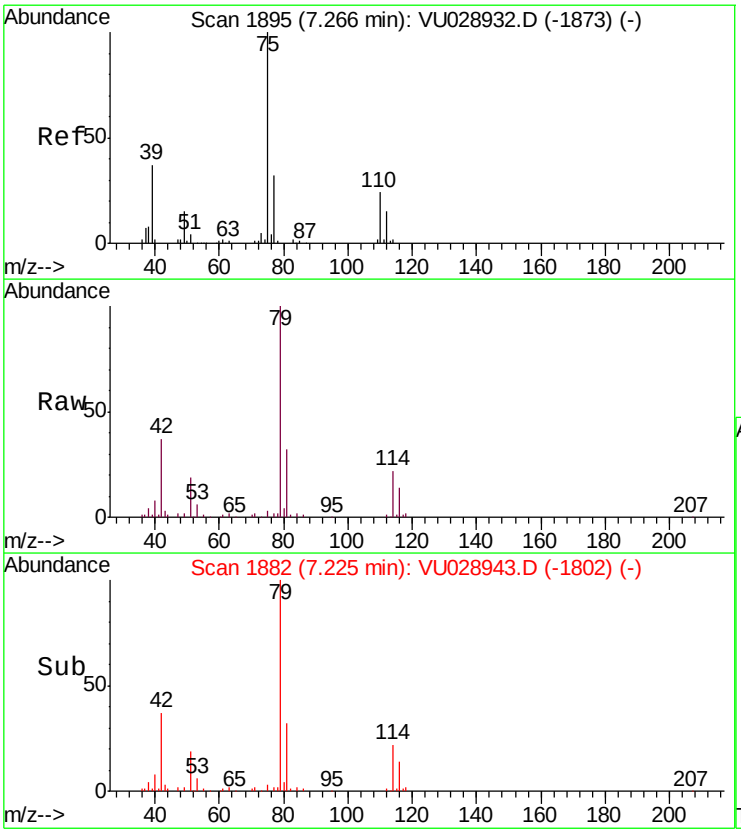
#37
1,2-Dichloropropane
Concen: 4.431 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument : MSVOA_U
ClientSampleId : F9F86

Tgt Ion: 63 Resp: 9497

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

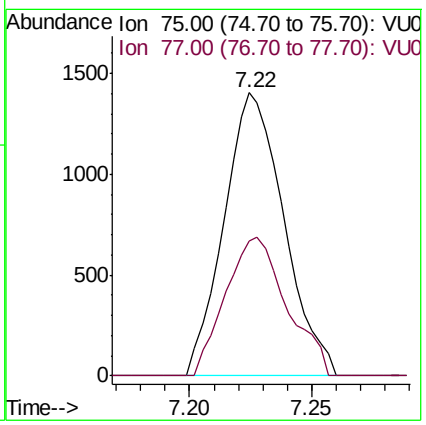


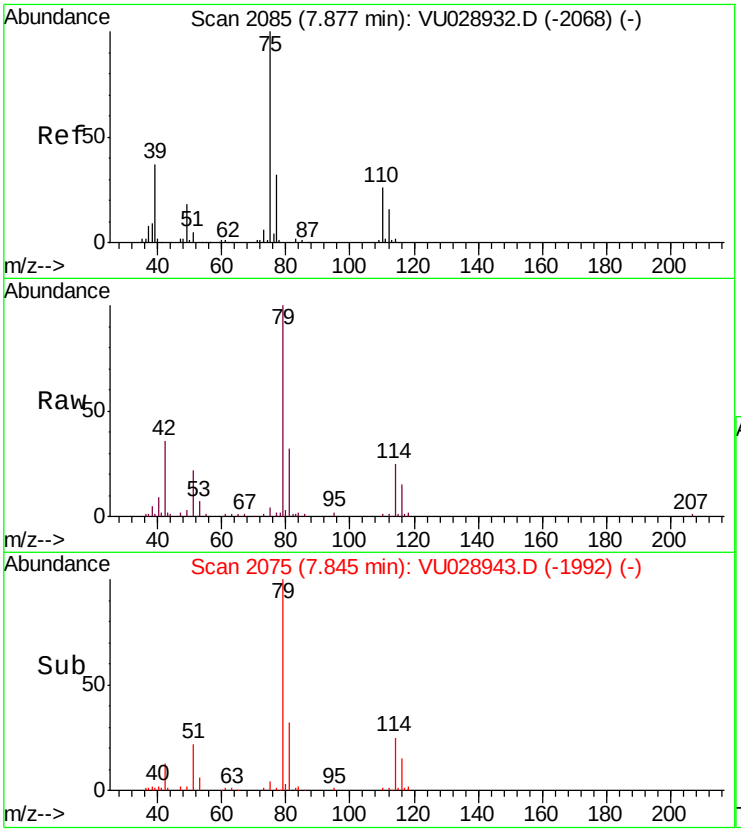


#39
cis-1,3-Dichloropropene
Concen: 0.782 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Tgt Ion: 75 Resp: 2388

Ion	Ratio	Lower	Upper
75	100		
77	47.8	21.8	40.6#



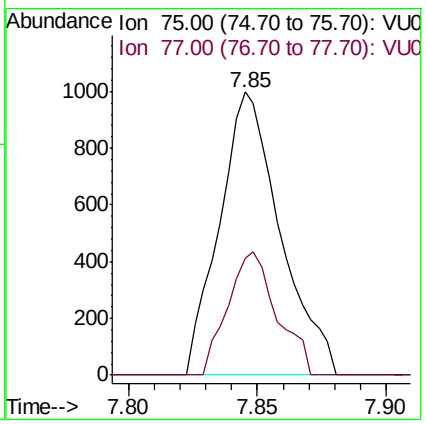


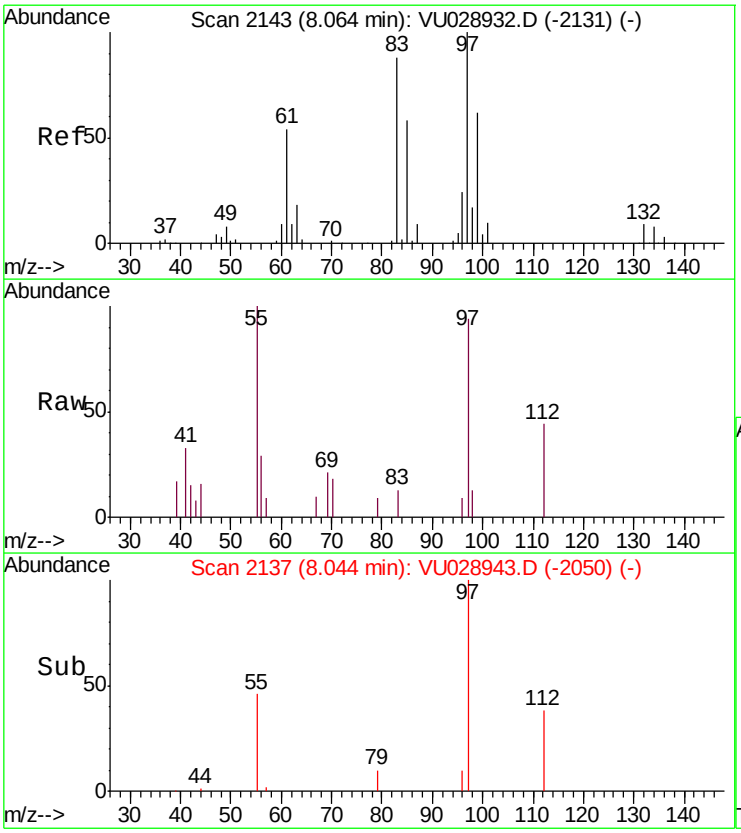
#44
trans-1,3-Dichloropropene
Concen: 0.602 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument : MSVOA_U
ClientSampleId : F9F86

Tgt Ion: 75 Resp: 1639

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.8	40.6#

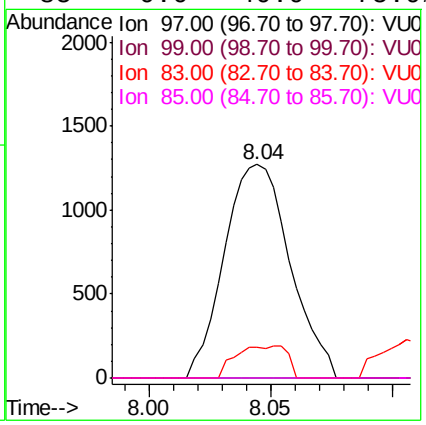


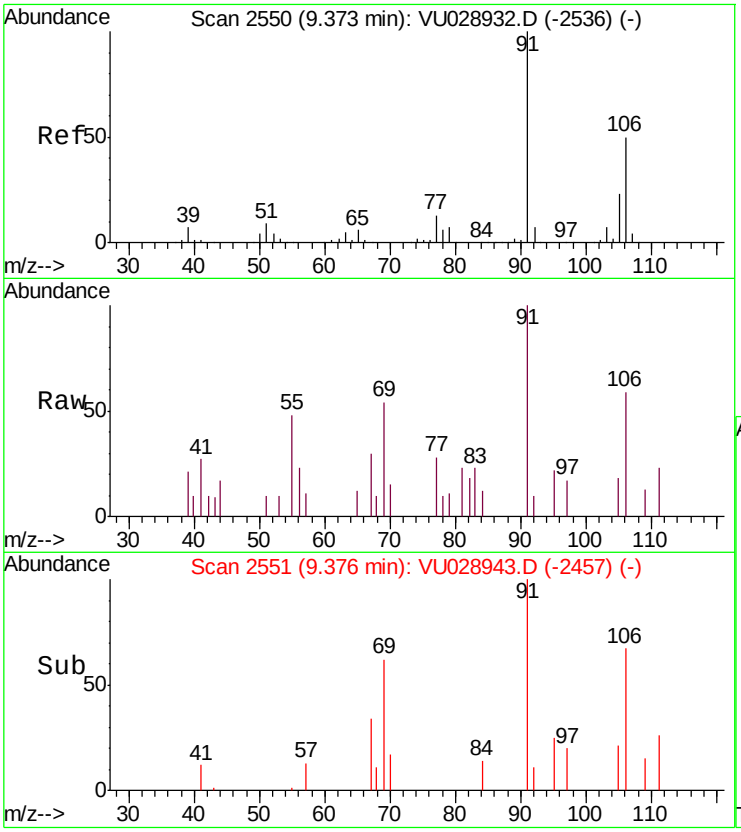


#45
1,1,2-Trichloroethane
Concen: 1.300 ug/L
RT: 8.04 min Scan# 2137
Delta R.T. -0.02 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Tgt Ion: 97 Resp: 2383

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	14.4	64.5	119.9#
85	0.0	40.9	75.9#



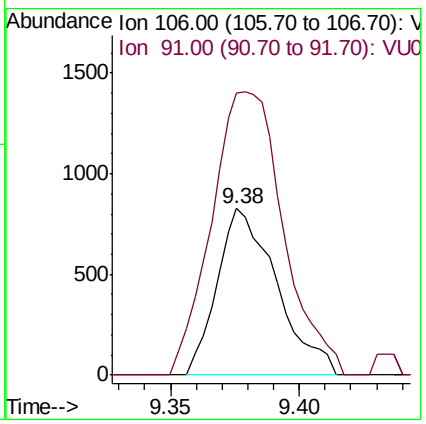


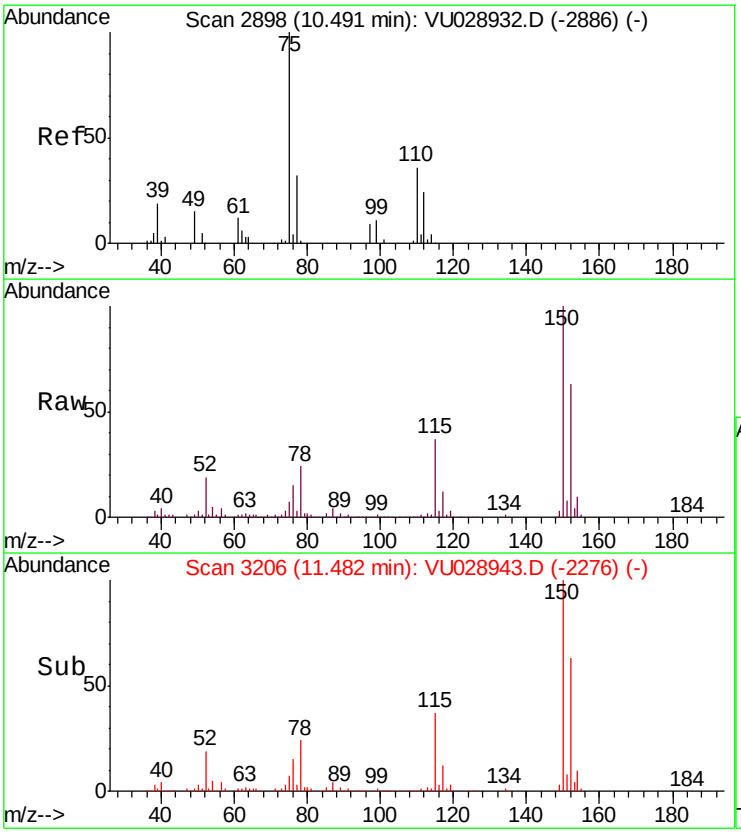
#53
m,p-Xylene
Concen: 0.431 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument : MSVOA_U
ClientSampleId : F9F86

Tgt Ion:106 Resp: 1332

Ion	Ratio	Lower	Upper
106	100		
91	169.3	144.1	267.5

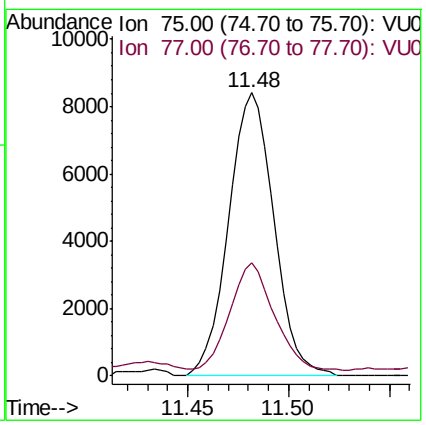


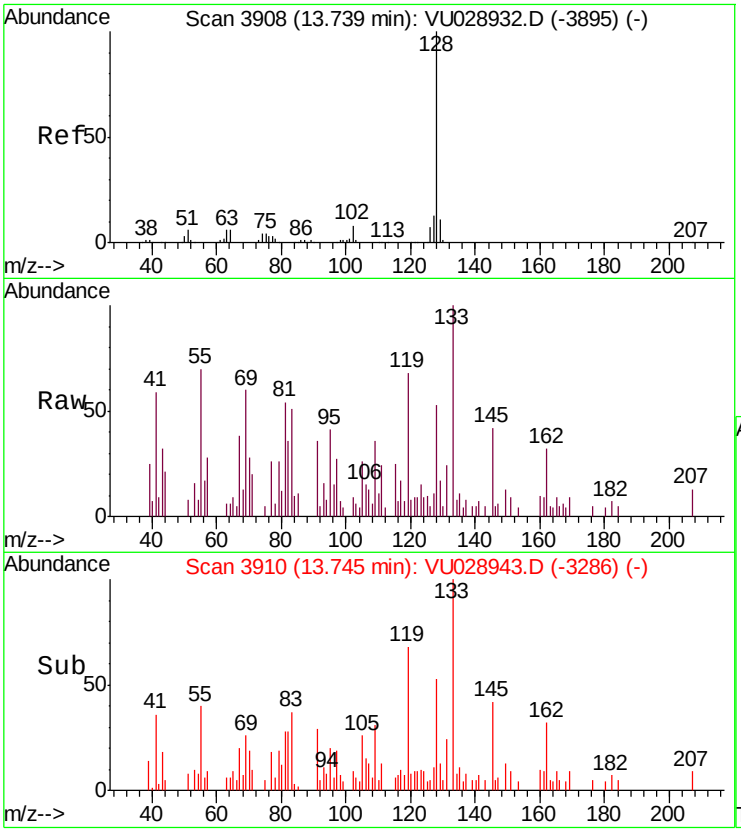


#59
1,2,3-Trichloropropane
Concen: 5.180 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Tgt Ion: 75 Resp: 13249

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.5	38.3





#69
Naphthalene
Concen: 0.320 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028943.D
Acq: 24 Dec 2018 13:30

Instrument :
MSVOA_U
ClientSampleId :
F9F86

Tgt Ion:128 Resp: 2604

Ion	Ratio	Lower	Upper
128	100		
127	1.6	10.5	15.7#
129	0.0	8.7	13.1#