Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028821.D
Acq On : 20 Dec 2018 13:53
Operator : MD/SY
Sample : J6441-07
Misc : 3.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE7Z6

Quant Time: Dec 21 03:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87271	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60669	40.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.80%			
7) Chloroethane-d5	1.64	69	35653	31.12	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 62.24%#			
11) 1,1-Dichloroethene-d2	2.31	63	21	0.01	ug/L	0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.02%#			
21) 2-Butanone-d5	4.19	46	100641	96.84	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.84%			
24) Chloroform-d	4.64	84	99390	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.22%			
26) 1,2-Dichloroethane-d4	5.30	65	63896	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.88%			
32) Benzene-d6	5.33	84	218754	42.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.54%			
36) 1,2-Dichloropropane-d6	6.32	67	76251	43.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.74%			
41) Toluene-d8	7.56	98	193561	41.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.54%			
43) trans-1,3-Dichloropropene-	7.85	79	34141	43.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.68%			
47) 2-Hexanone-d5	8.32	63	84667	101.39	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.39%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	119959	49.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	82407	46.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.38%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2623	1.279	ug/L	98
6) Bromomethane	1.60	94	493	0.639	ug/L	79
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	682	0.569	ug/L #	20
12) 1,1-Dichloroethene	2.24	96	683	0.576	ug/L #	1
13) Acetone	2.34	43	1020	0.963	ug/L	65
15) Methyl Acetate	2.63	43	1583	0.959	ug/L #	66
27) 1,2-Dichloroethane	5.33	62	1057	0.598	ug/L #	74
37) 1,2-Dichloropropane	6.32	63	7210	4.422	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1753	0.754	ug/L #	20
44) trans-1,3-Dichloropropene	7.85	75	1329	0.641	ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	10829	5.566	ug/L	92
69) Naphthalene	13.75	128	2184	0.368	ug/L #	77

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

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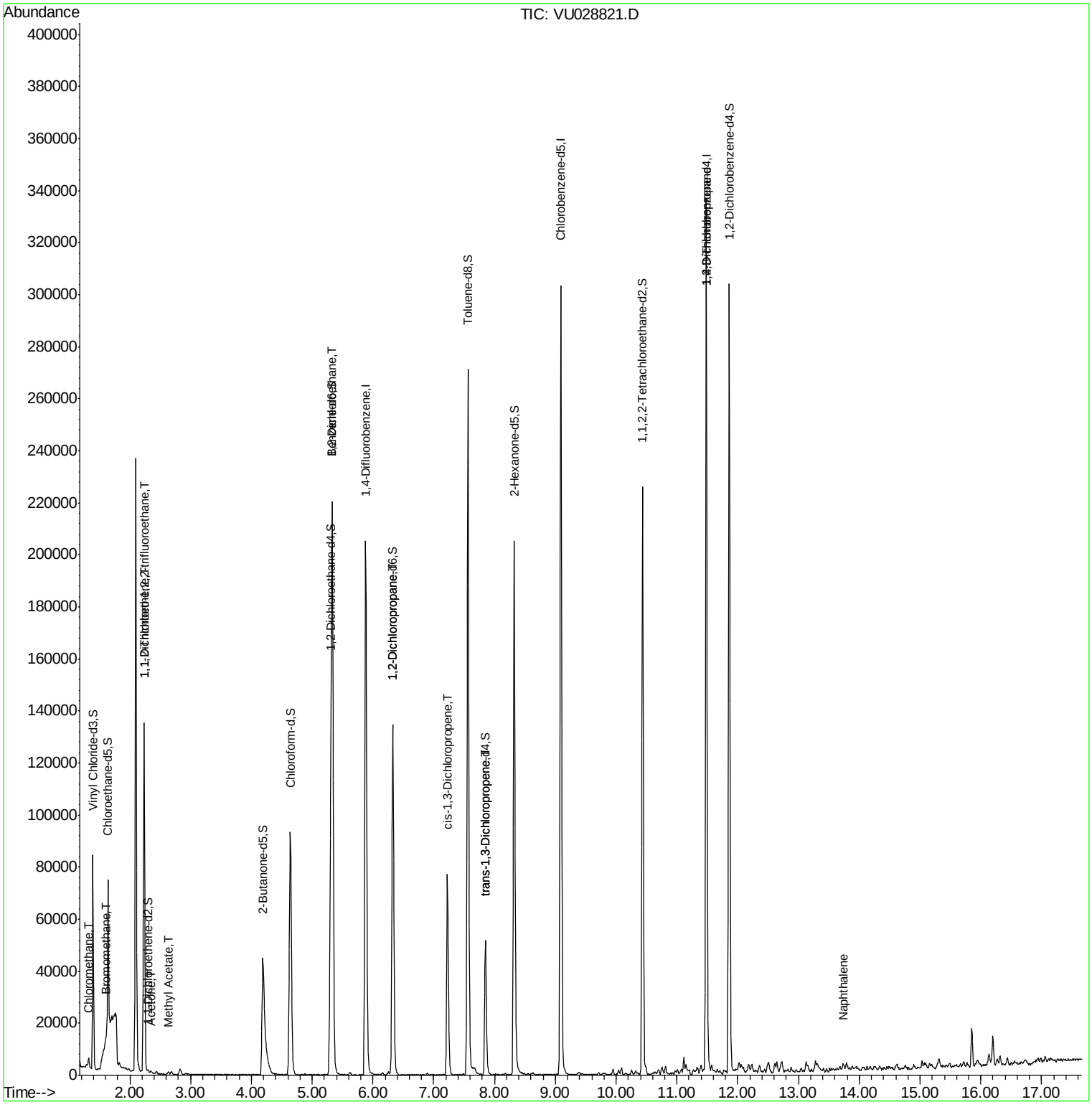
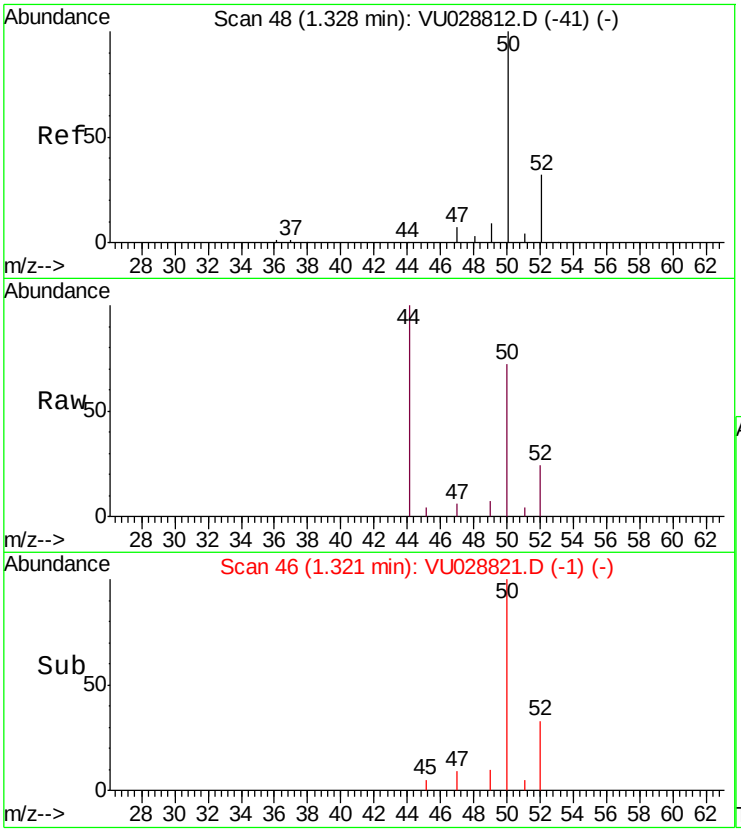
Quant Time: Dec 21 03:56:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration



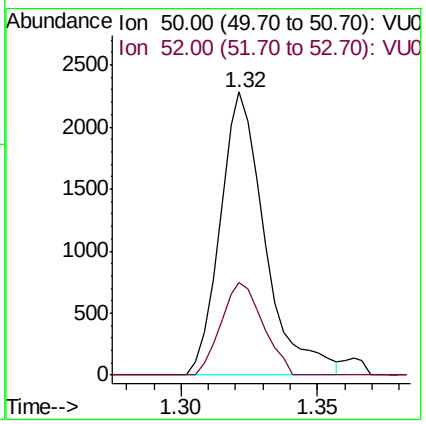


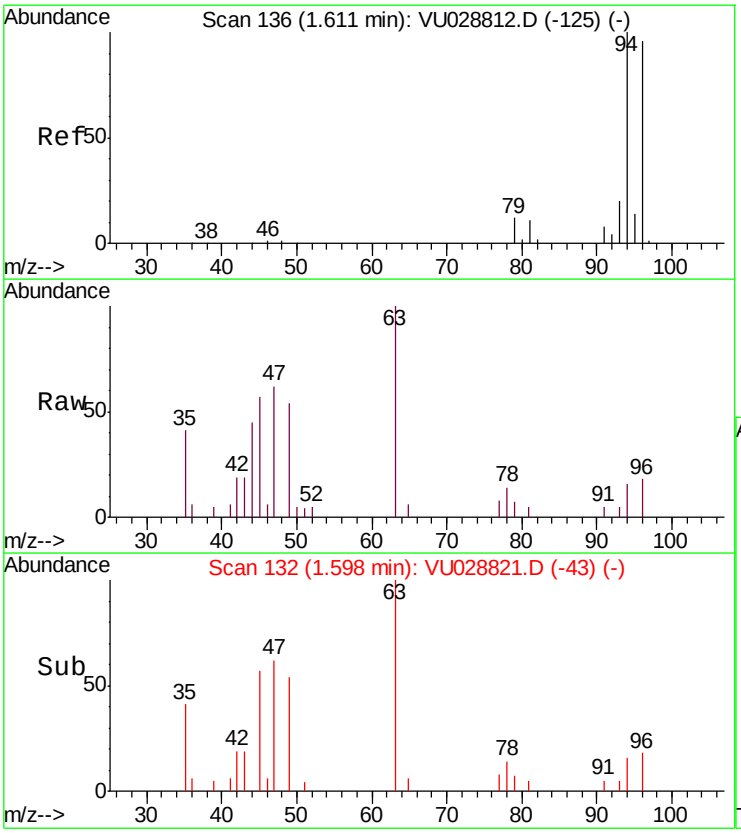
#3
Chloromethane
Concen: 1.279 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
BE7Z6

Tgt Ion: 50 Resp: 2623

Ion	Ratio	Lower	Upper
50	100		
52	32.8	22.3	41.3

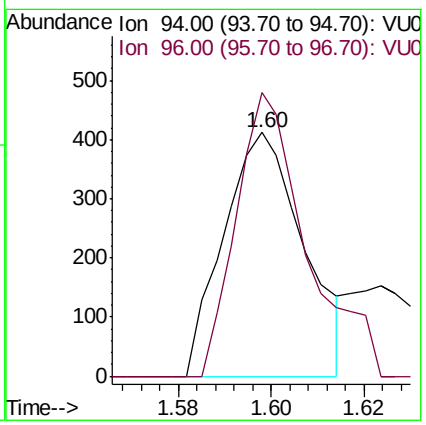


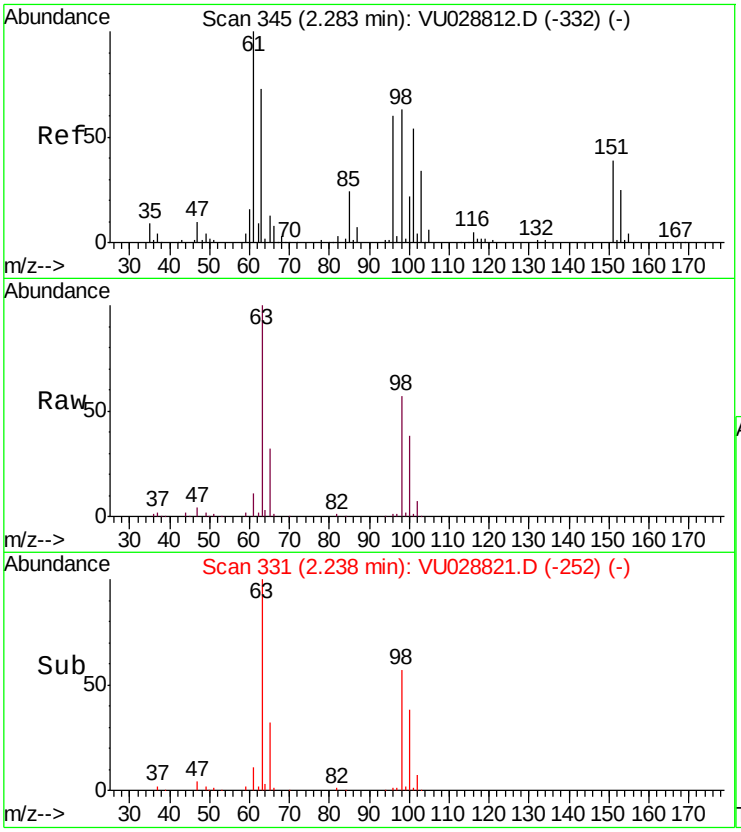


#6
Bromomethane
Concen: 0.639 ug/L
RT: 1.60 min Scan# 132
Delta R.T. -0.01 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion: 94 Resp: 493

Ion	Ratio	Lower	Upper
94	100		
96	116.3	67.3	125.1



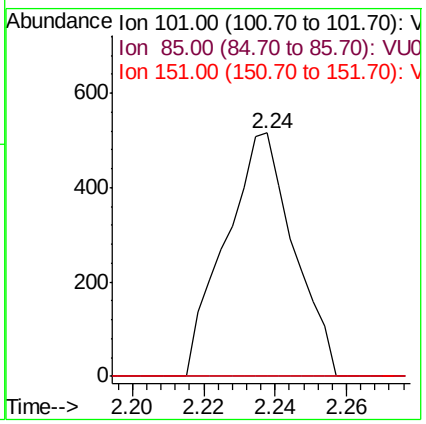


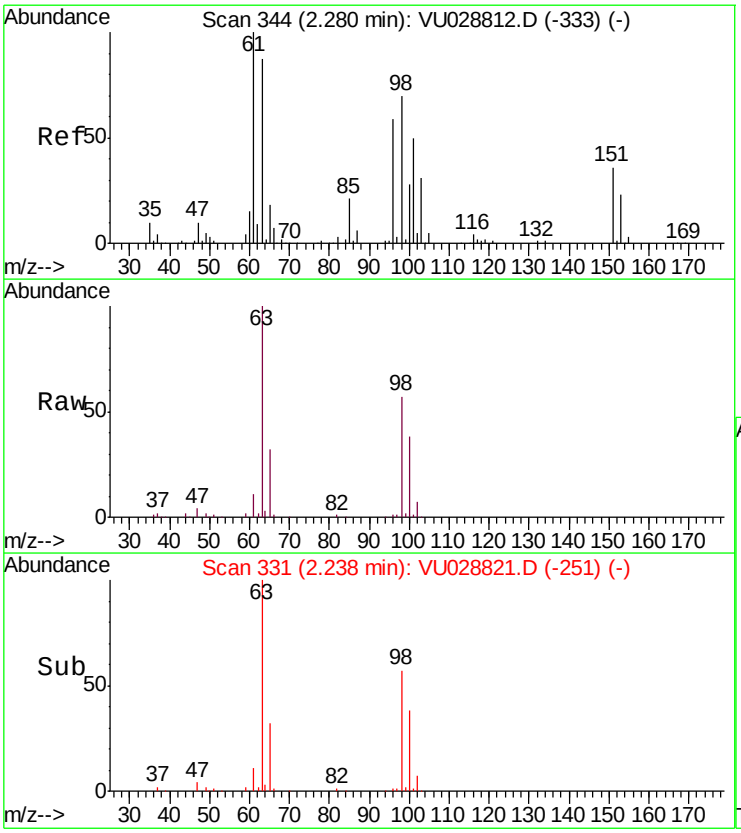
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.569 ug/L
RT: 2.24 min Scan# 331
Delta R.T. -0.04 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
BE7Z6

Tgt Ion:101 Resp: 682

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

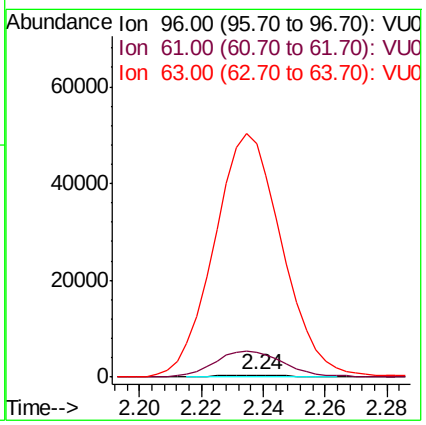


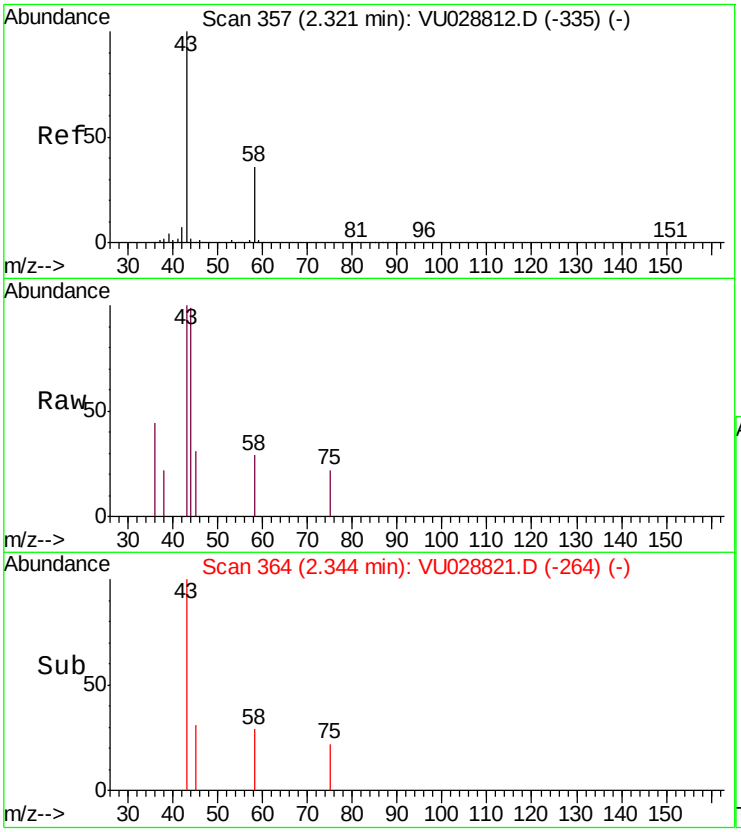


#12
1,1-Dichloroethene
Concen: 0.576 ug/L
RT: 2.24 min Scan# 331
Delta R.T. -0.04 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion: 96 Resp: 683

Ion	Ratio	Lower	Upper
96	100		
61	1200.0	119.3	221.5#
63	11153.7	107.4	199.6#



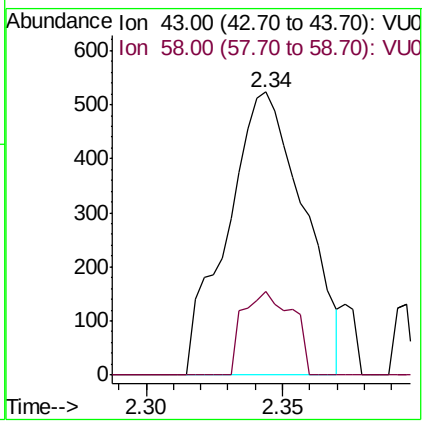


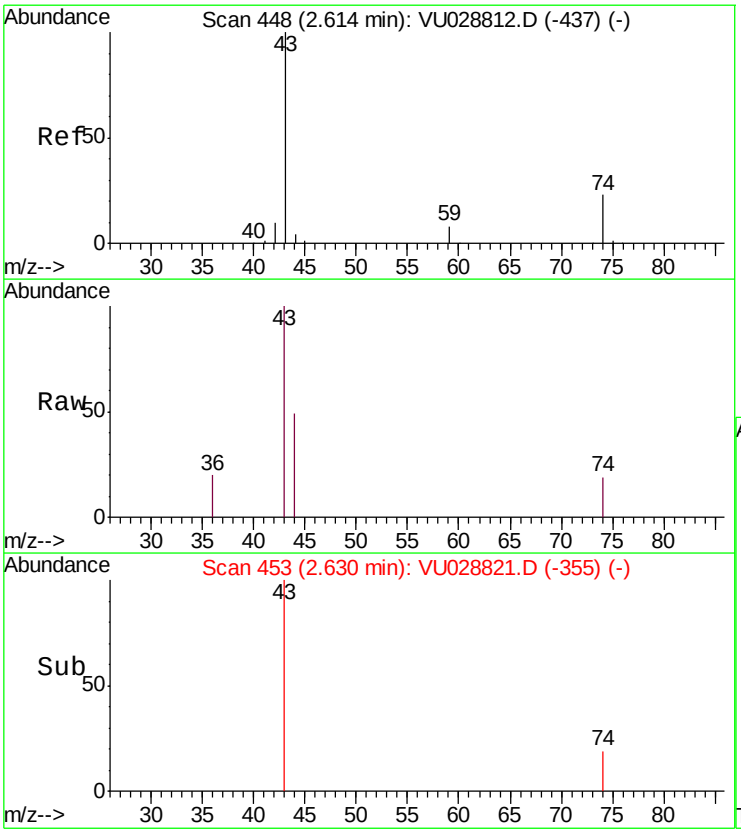
#13
Acetone
Concen: 0.963 ug/L
RT: 2.34 min Scan# 364
Delta R.T. 0.02 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
BE7Z6

Tgt Ion: 43 Resp: 1020

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	70.2

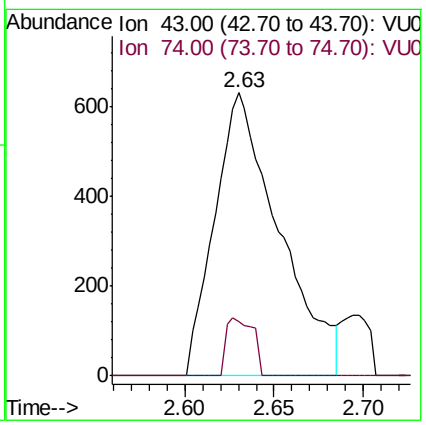


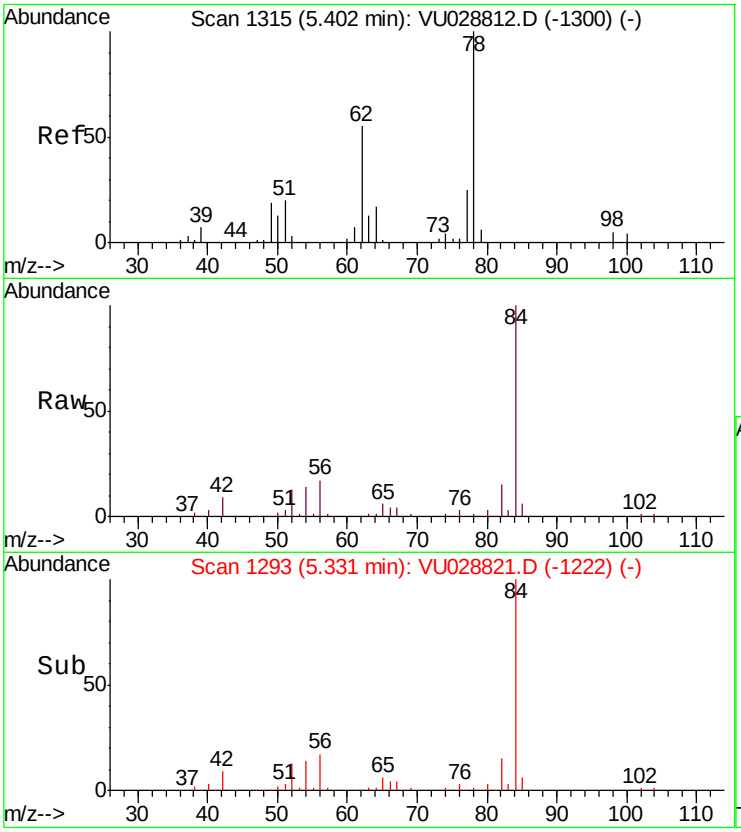


#15
Methyl Acetate
Concen: 0.959 ug/L
RT: 2.63 min Scan# 453
Delta R.T. 0.02 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion: 43 Resp: 1583

Ion	Ratio	Lower	Upper
43	100		
74	7.1	19.0	28.4#



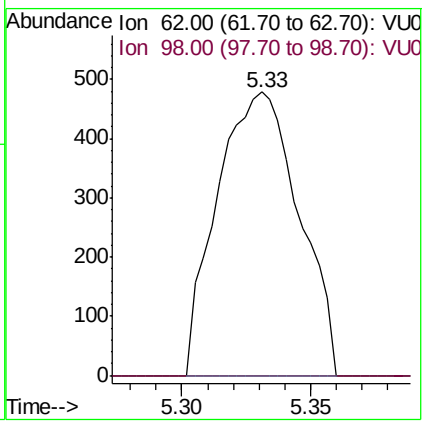


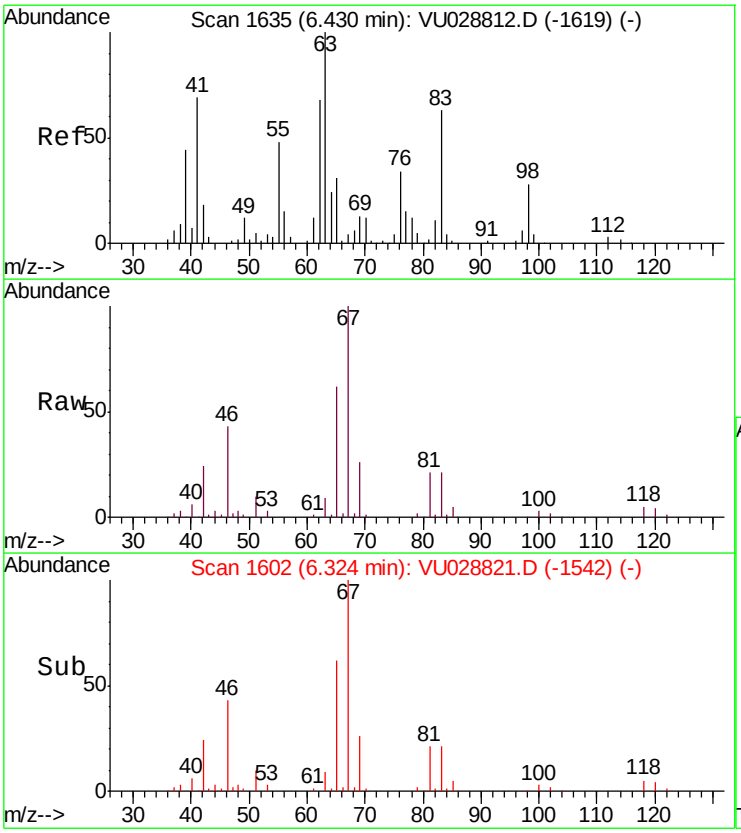
#27
1,2-Dichloroethane
Concen: 0.598 ug/L
RT: 5.33 min Scan# 1293
Delta R.T. -0.07 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument : MSVOA_U
ClientSampleId : BE7Z6

Tgt Ion: 62 Resp: 1057

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

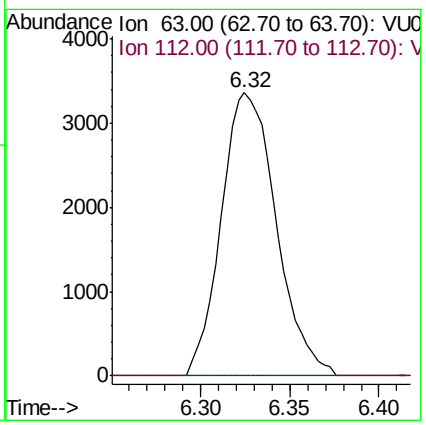


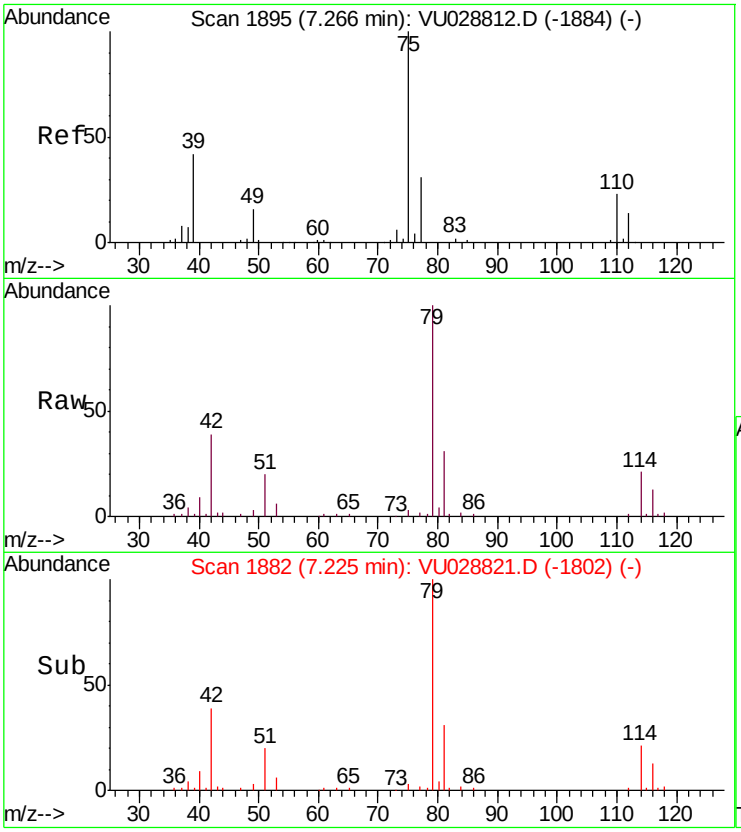


#37
1,2-Dichloropropane
Concen: 4.422 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion: 63 Resp: 7210

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



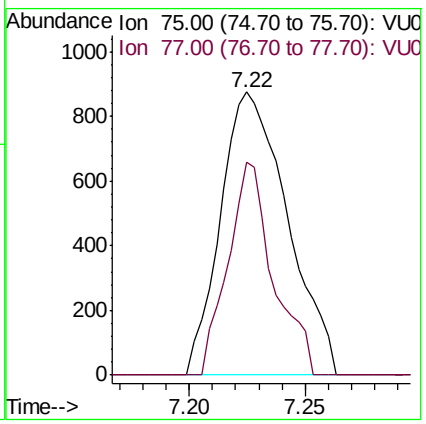


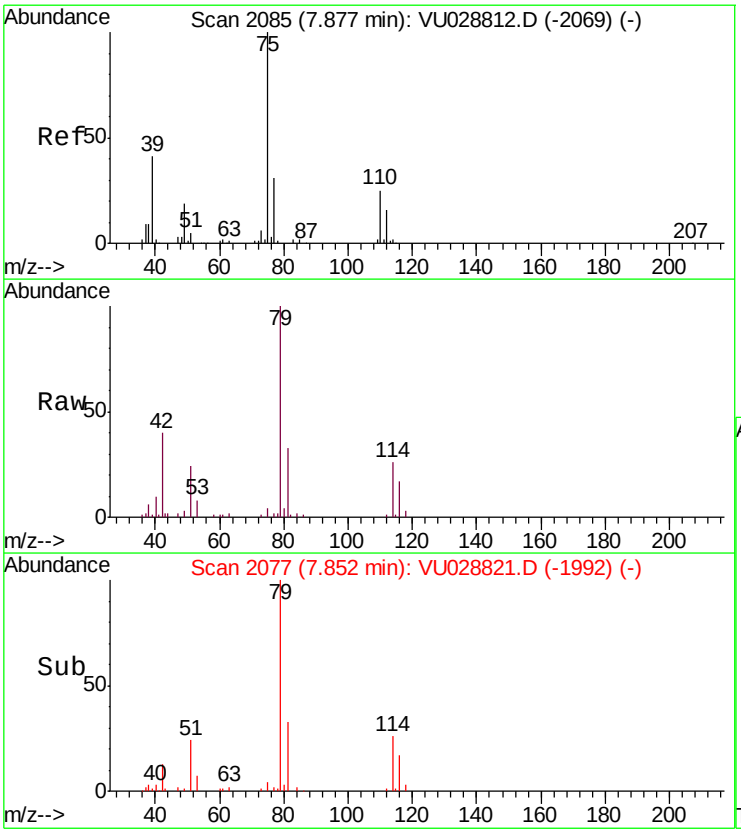
#39
cis-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
BE7Z6

Tgt Ion: 75 Resp: 1753

Ion	Ratio	Lower	Upper
75	100		
77	75.3	21.8	40.6#

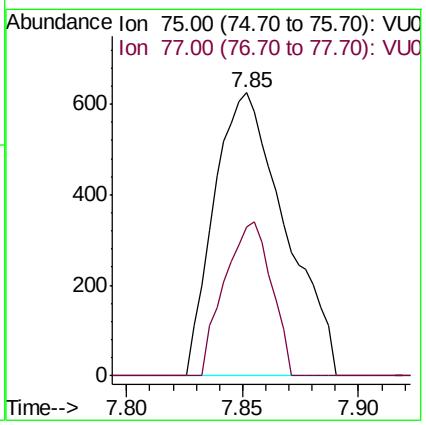


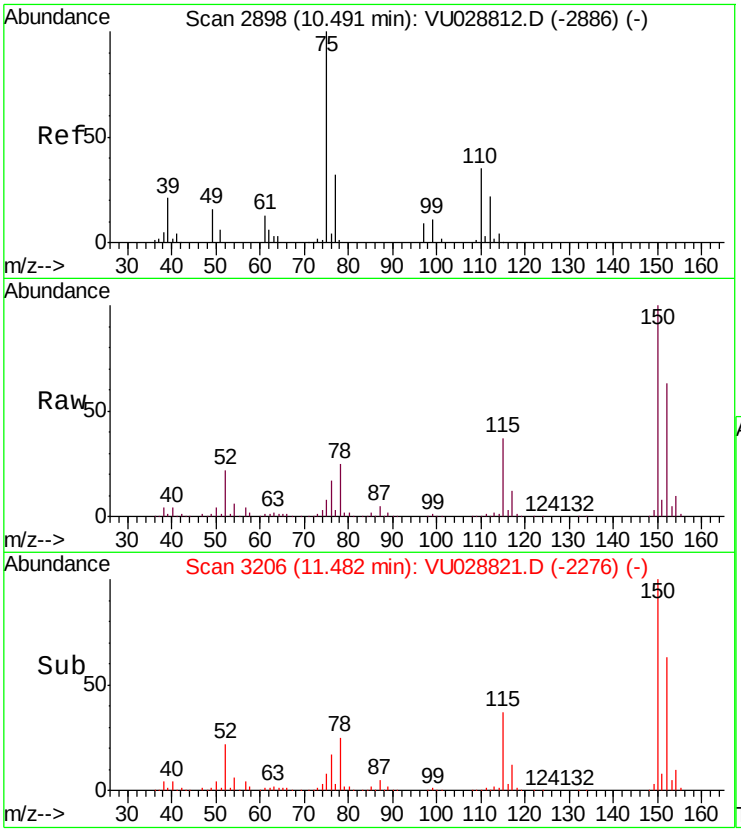


#44
trans-1,3-Dichloropropene
Concen: 0.641 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion: 75 Resp: 1329

Ion	Ratio	Lower	Upper
75	100		
77	52.5	21.8	40.6#



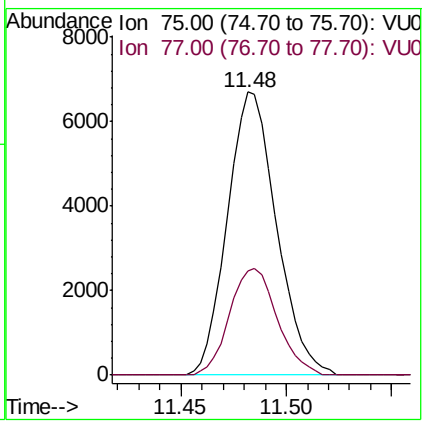


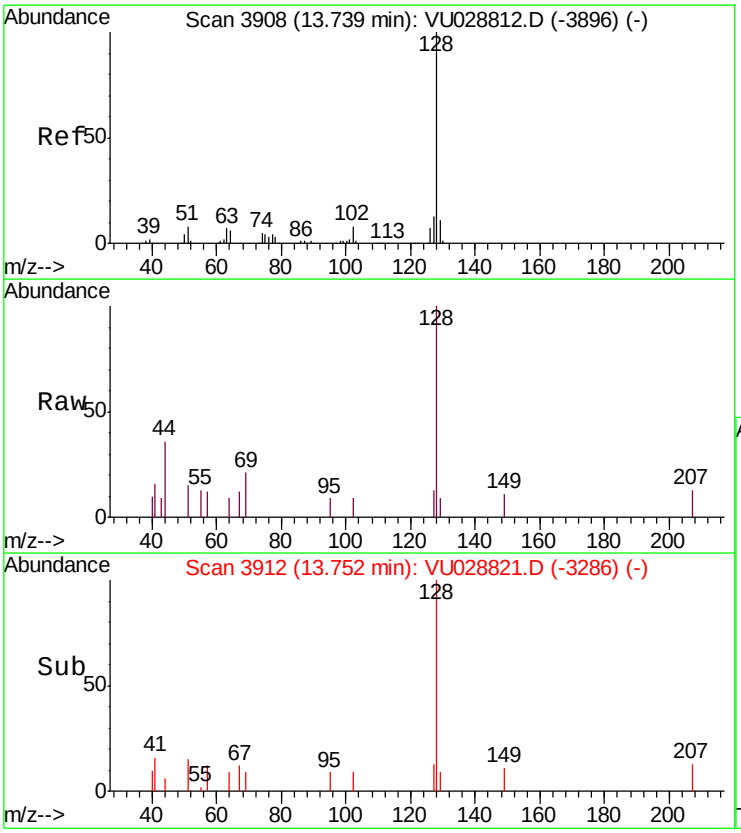
#59
1,2,3-Trichloropropane
Concen: 5.566 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
BE7Z6

Tgt Ion: 75 Resp: 10829

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.5	38.3





#69
Naphthalene
Concen: 0.368 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU028821.D
Acq: 20 Dec 2018 13:53

Tgt Ion:128 Resp: 2184

Ion	Ratio	Lower	Upper
128	100		
127	3.4	10.5	15.7#
129	3.0	8.7	13.1#