Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Not Reviewed)

Data File : VU028246.D
Acq On : 19 Nov 2018 11:41
Operator : MD/SY
Sample : J5948-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Nov 20 07:10:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	125438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	119277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43349	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.68	69	37509	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.28	63	65052	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	4.20	46	143368	45.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.78%			
24) Chloroform-d	4.65	84	80383	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.31	65	46230	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.34	84	157874	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.33	67	59386	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.57	98	139186	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.85	79	17122	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.31	63	101137	42.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42435	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47772	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1260	0.094	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	509	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	398	0.052	ug/L #	1
25) Chloroform	4.68	83	3480	0.169	ug/L	77
27) 1,2-Dichloroethane	5.35	62	837	0.071	ug/L #	78
35) Methylcyclohexane	6.33	83	11668	0.769	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	6590	0.587	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1138	0.080	ug/L	89
47) Tetrachloroethene	8.22	164	560	0.084	ug/L	83
48) 2-Hexanone	8.31	43	12543	2.191	ug/L #	73
49) Dibromochloromethane	8.23	129	388	0.056	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7436	1.146	ug/L	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\

Quantitation Report (Not Reviewed)

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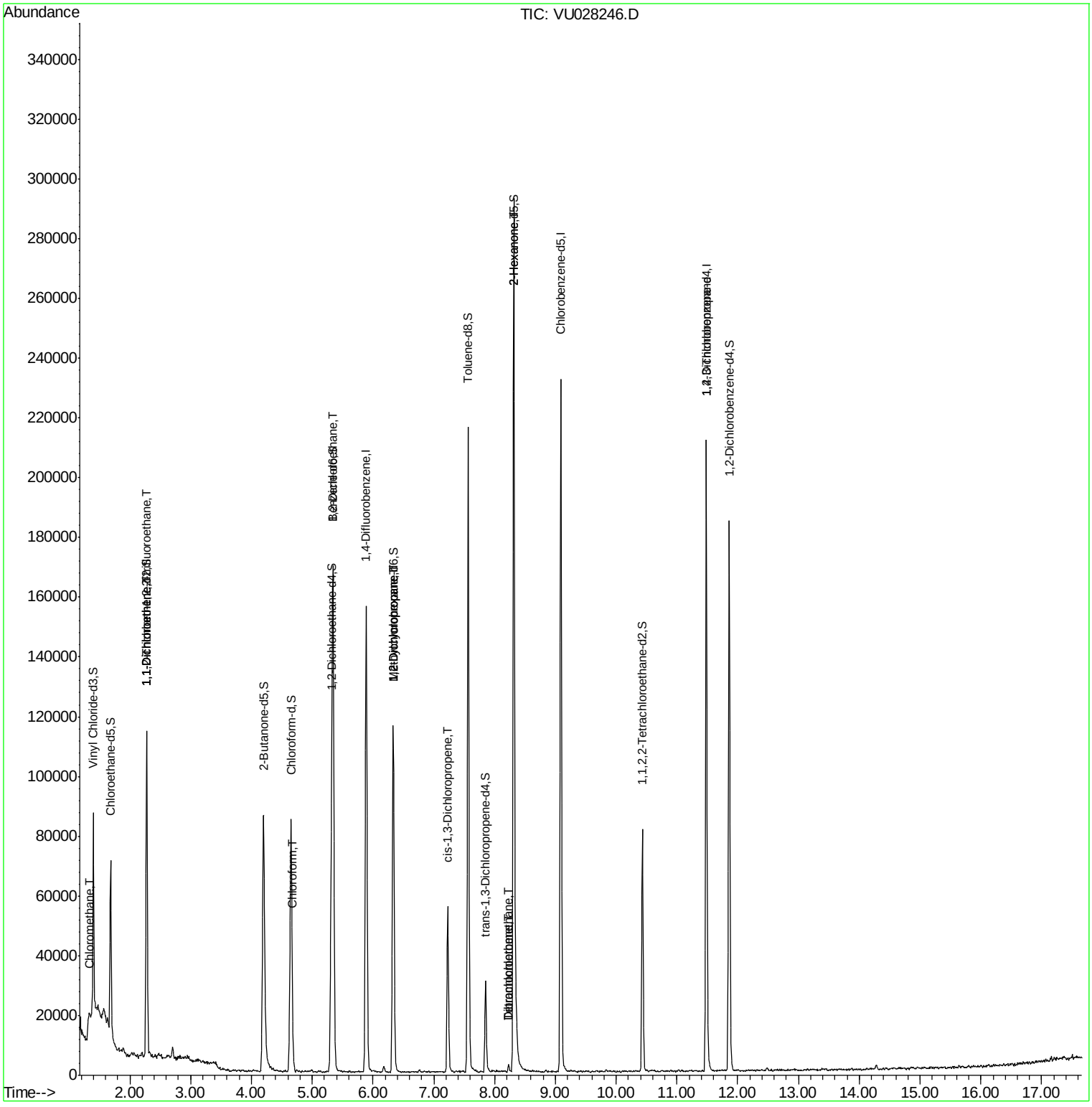
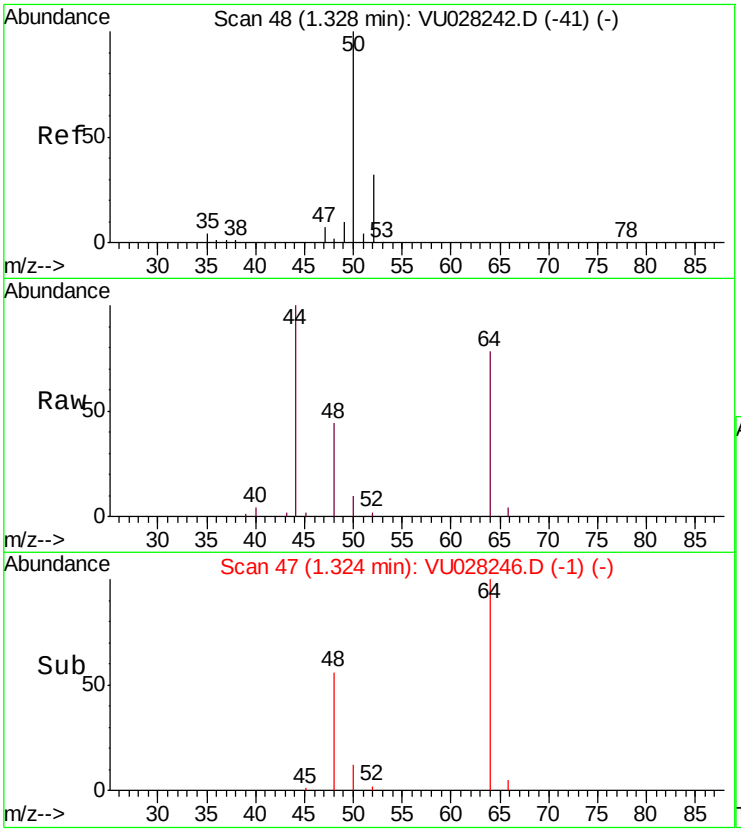
Quant Time: Nov 20 07:10:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration



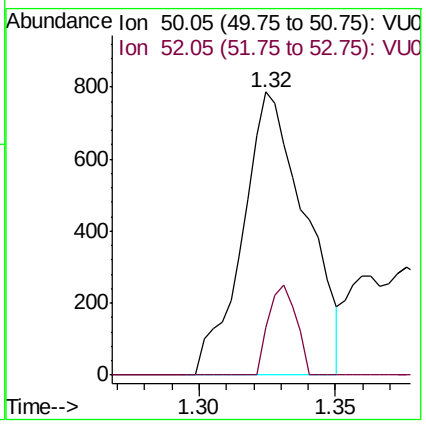


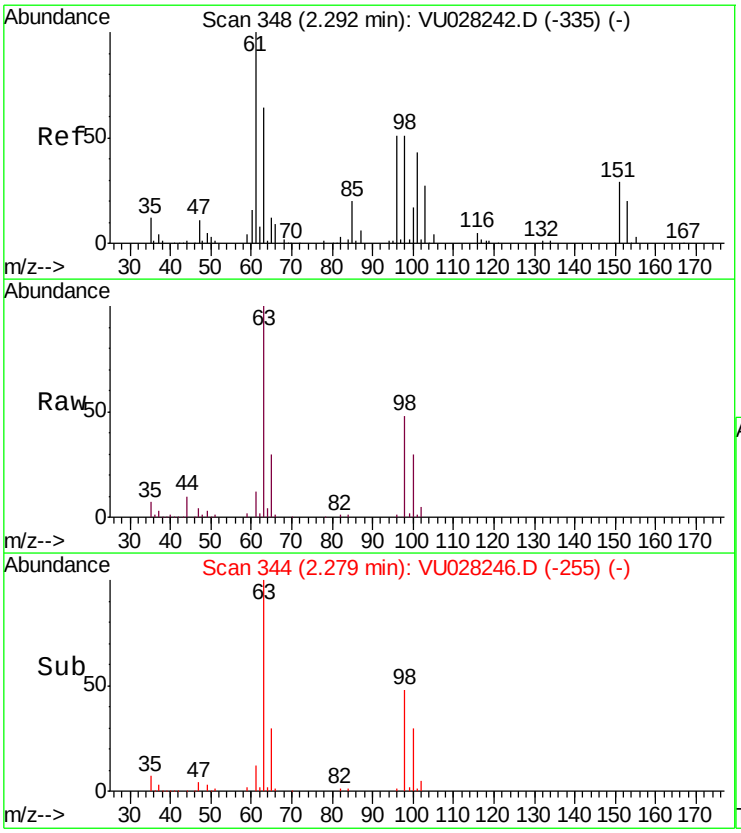
#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 50 Resp: 1260

Ion	Ratio	Lower	Upper
50	100		
52	16.9	22.8	42.4#

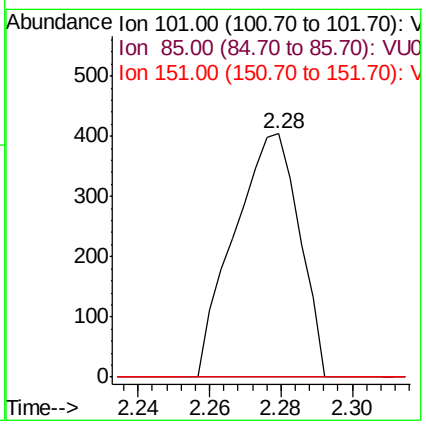


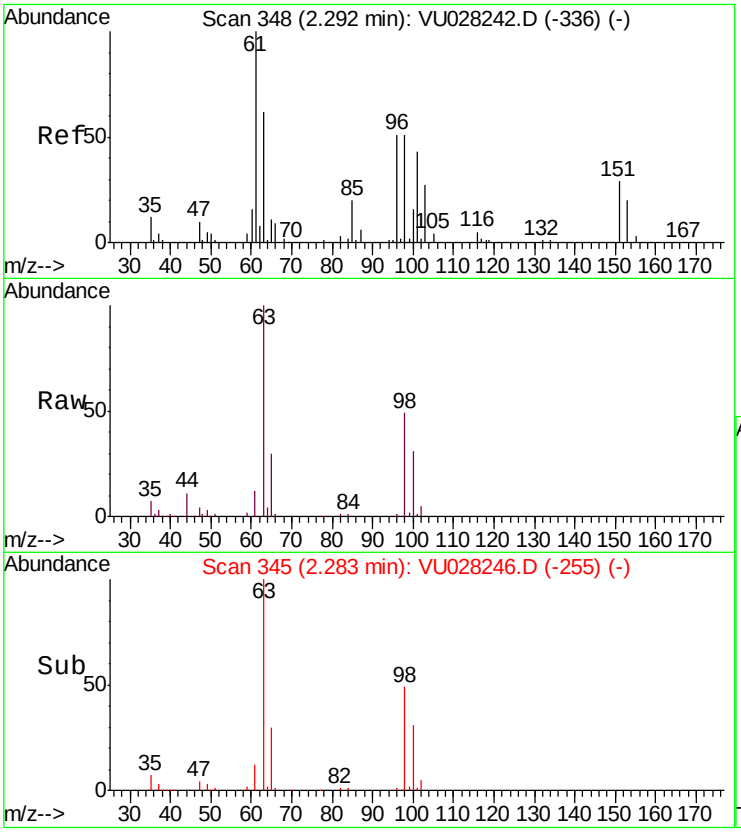


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion:101 Resp: 509

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.4	56.2#
151	0.0	55.0	82.4#



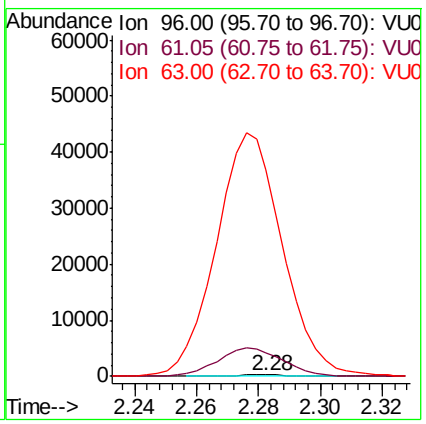


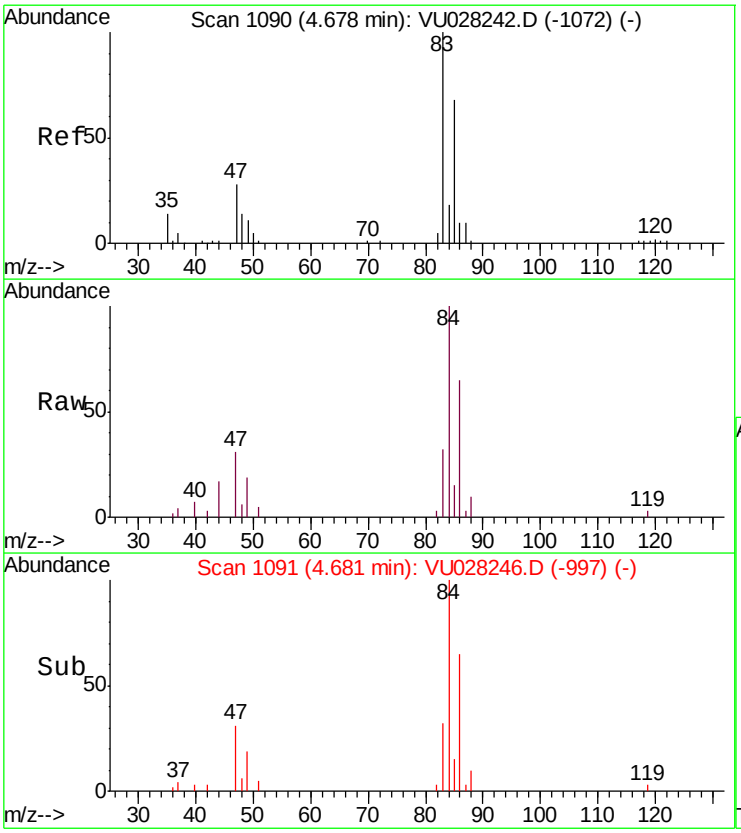
#12
1,1-Dichloroethene
Concen: 0.052 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 398

Ion	Ratio	Lower	Upper
96	100		
61	1572.3	145.5	270.1#
63	13558.7	98.6	183.2#

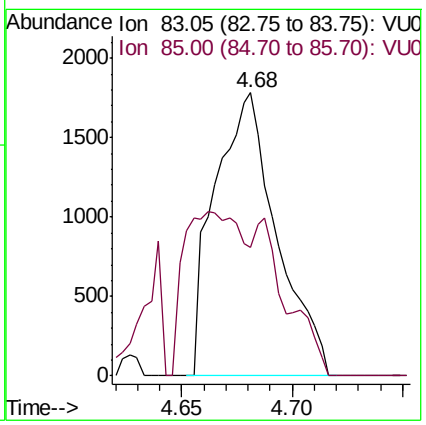


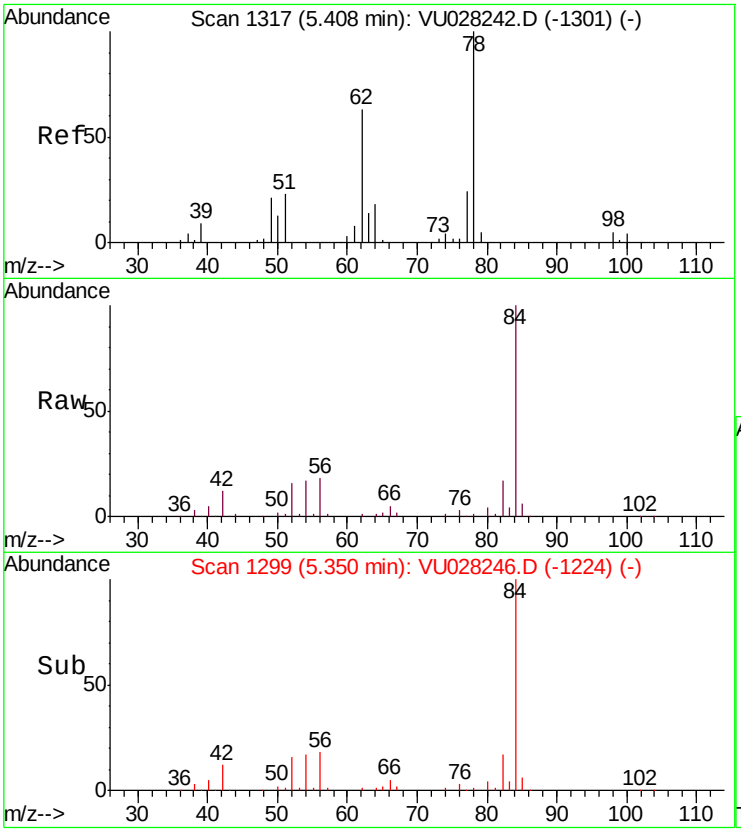


#25
Chloroform
Concen: 0.169 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion: 83 Resp: 3480

Ion	Ratio	Lower	Upper
83	100		
85	45.5	44.6	82.8



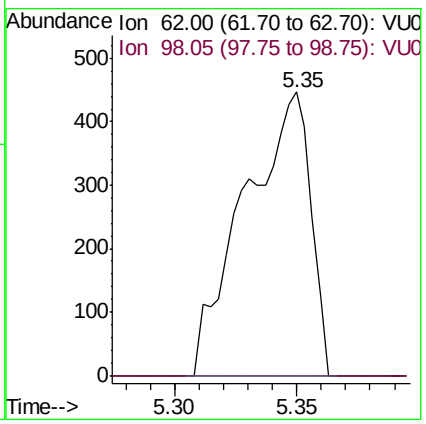


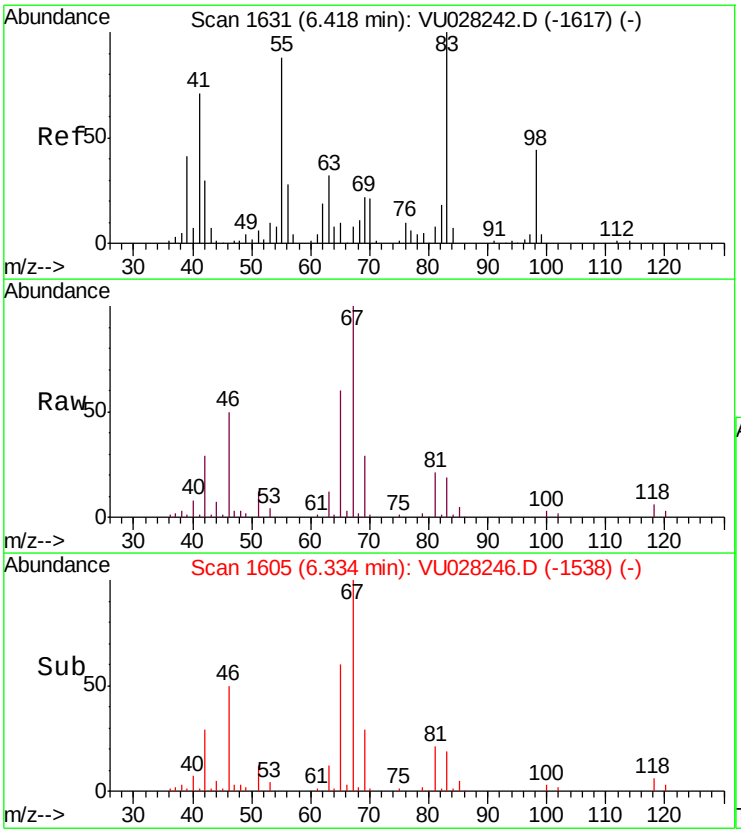
#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.35 min Scan# 1299
Delta R.T. -0.06 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 62 Resp: 837

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.4#

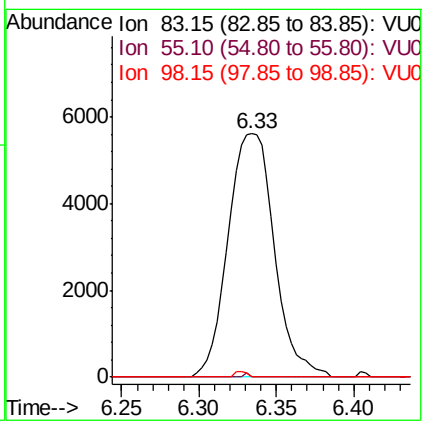


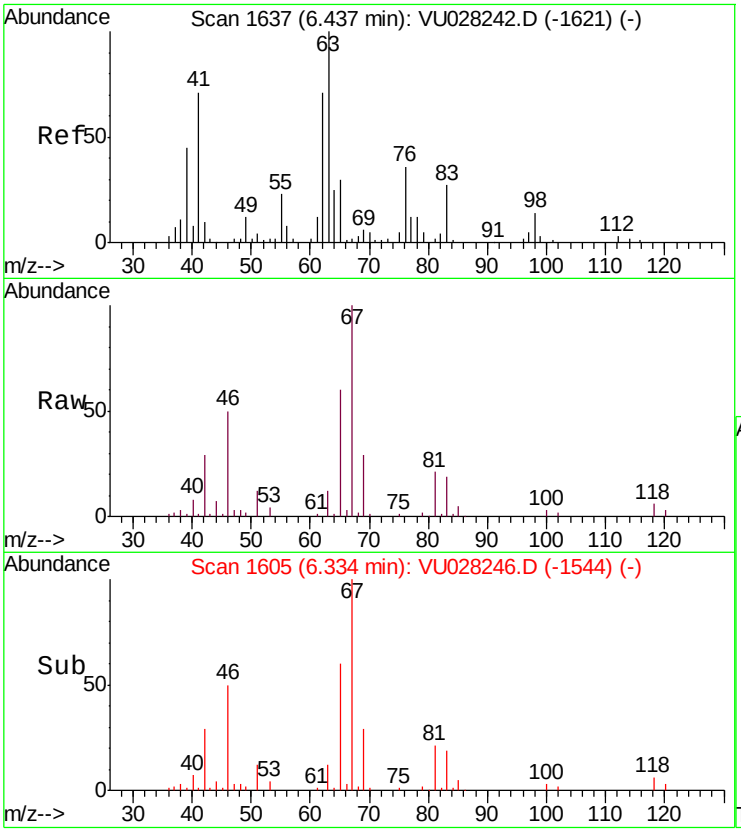


#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion: 83 Resp: 11668

Ion	Ratio	Lower	Upper
83	100		
55	0.2	73.2	109.8#
98	0.6	33.4	50.2#



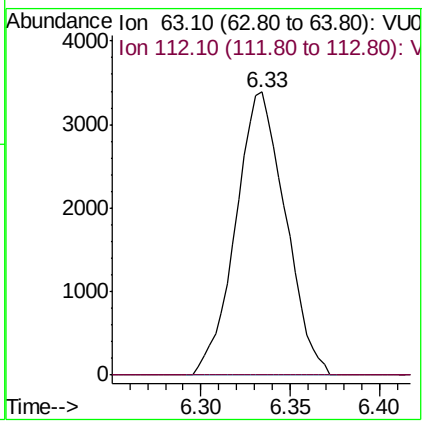


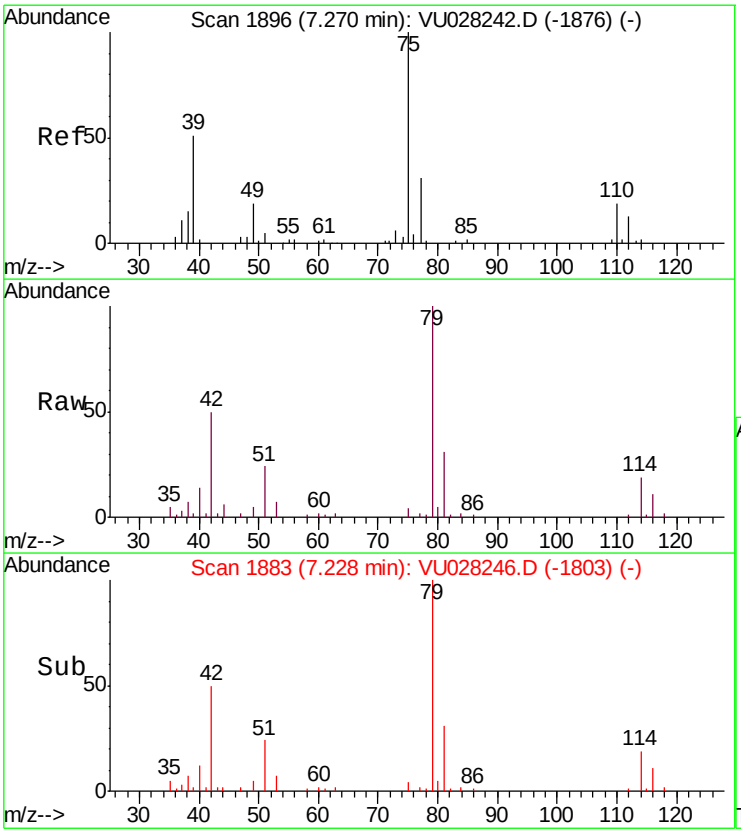
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 6590

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

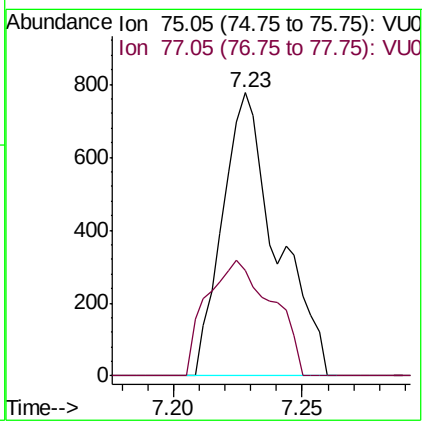


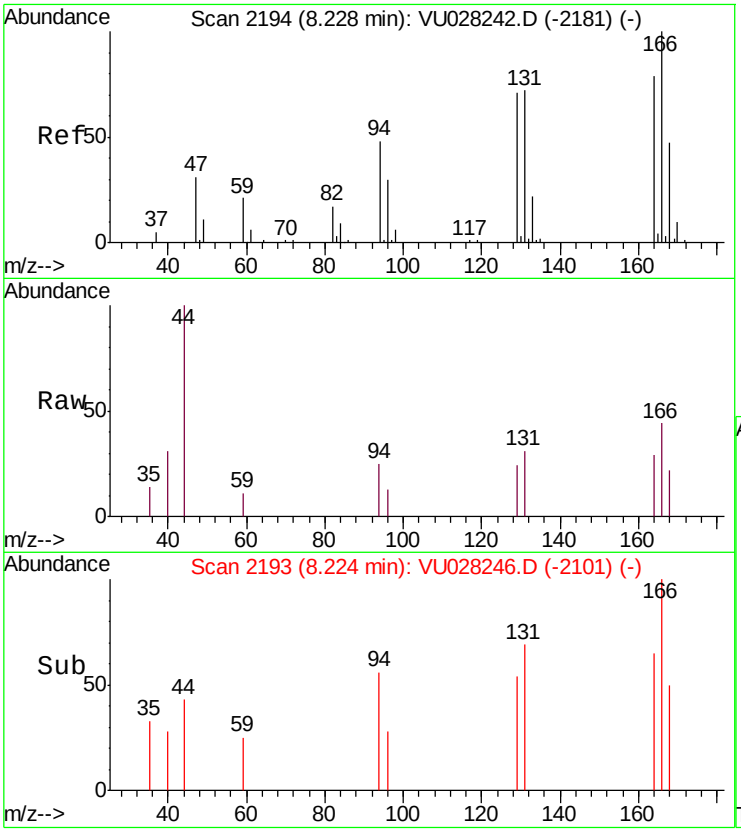


#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion: 75 Resp: 1138

Ion	Ratio	Lower	Upper
75	100		
77	37.2	21.7	40.3



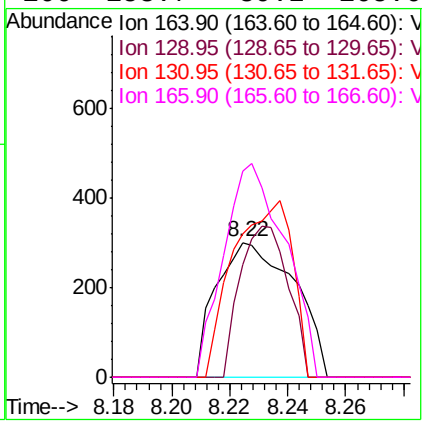


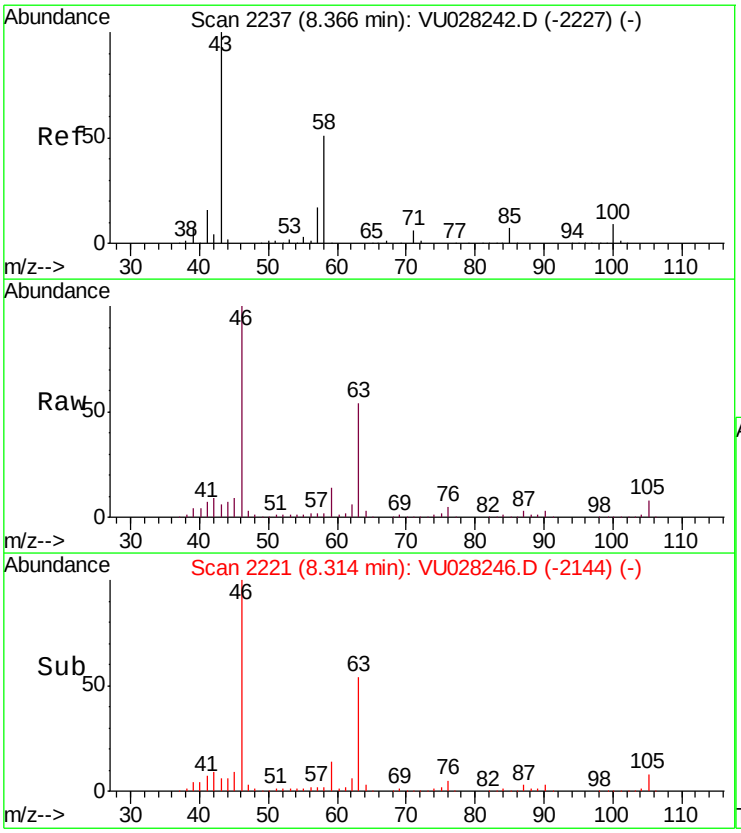
#47
Tetrachloroethene
Concen: 0.084 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:164 Resp: 560

Ion	Ratio	Lower	Upper
164	100		
129	83.7	67.6	125.6
131	106.7	66.3	123.1
166	153.7	89.2	165.6

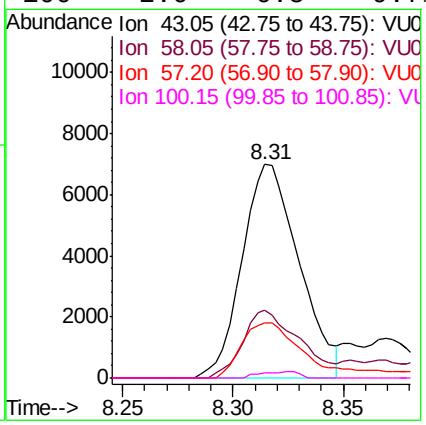


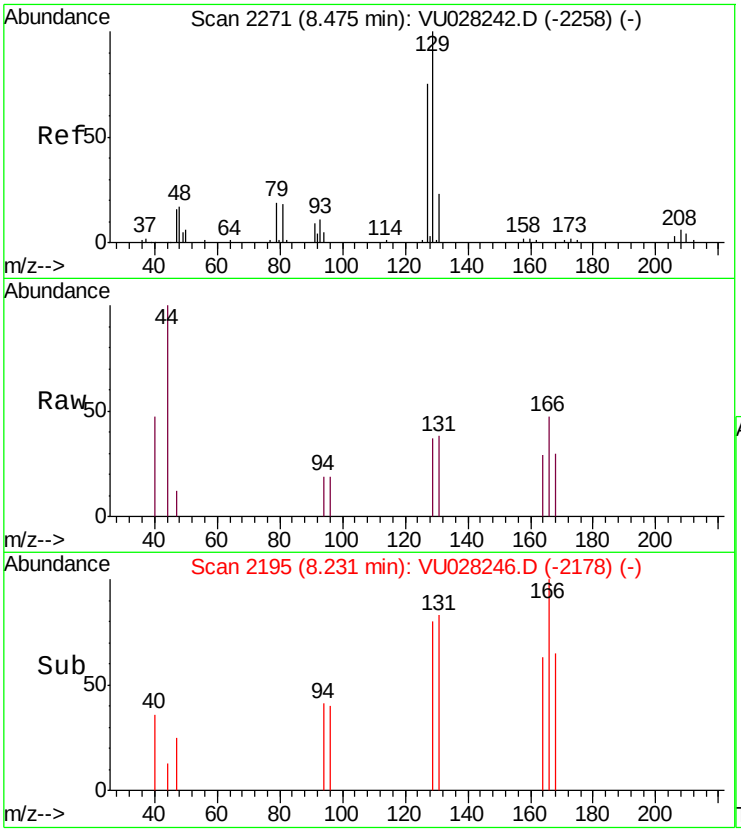


#48
2-Hexanone
Concen: 2.191 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion: 43 Resp: 12543

Ion	Ratio	Lower	Upper
43	100		
58	31.6	41.1	61.7#
57	28.9	13.8	20.8#
100	2.0	6.5	9.7#



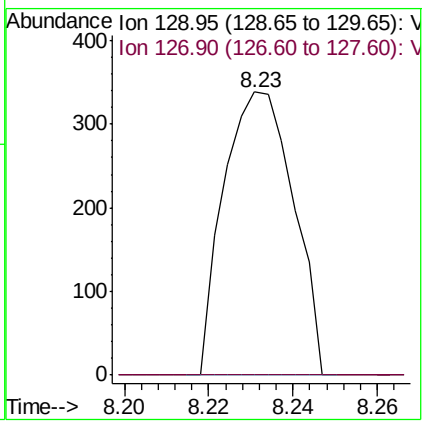


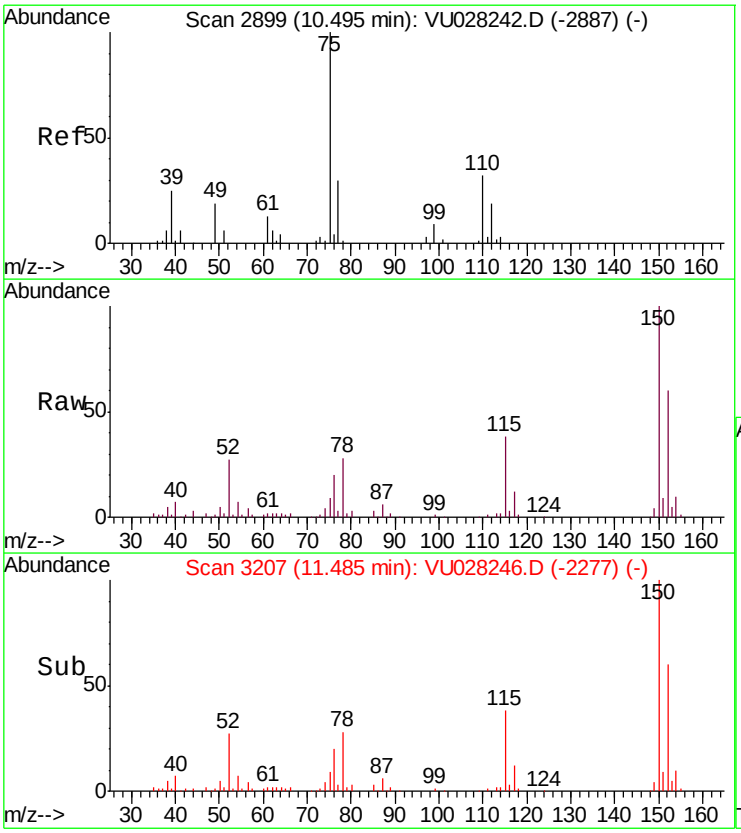
#49
Dibromochloromethane
Concen: 0.056 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.24 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:129 Resp: 388

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.146 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028246.D
Acq: 19 Nov 2018 11:41

Tgt Ion: 75 Resp: 7436

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.7	38.5