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

Quantitation Report (Not Reviewed)

Data File : VU028254.D
Acq On : 19 Nov 2018 14:51
Operator : MD/SY
Sample : J5986-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FM4

Quant Time: Nov 20 07:12:02 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	124384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	117963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50242	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	45057	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.68	69	39712	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.28	63	66287	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.20	46	141005	45.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.04%			
24) Chloroform-d	4.65	84	61641	3.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.60%			
26) 1,2-Dichloroethane-d4	5.31	65	44207	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.34	84	161334	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.33	67	58308	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.57	98	138164	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14004	3.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.20%			
46) 2-Hexanone-d5	8.31	63	95560	40.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22665	2.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 51.00%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	47568	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	556	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	428	0.056	ug/L #	1
13) Acetone	2.32	43	1864	0.865	ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	834	0.086	ug/L	84
25) Chloroform	4.67	83	18823	0.920	ug/L	96
34) Trichloroethene	6.19	95	2370	0.249	ug/L #	75
35) Methylcyclohexane	6.33	83	12077	0.804	ug/L #	8
37) 1,2-Dichloropropane	6.33	63	5785	0.521	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1171	0.083	ug/L #	75
42) Toluene	7.64	91	2005	0.051	ug/L	93
48) 2-Hexanone	8.32	43	12125	2.142	ug/L #	78
49) Dibromochloromethane	8.22	129	536	0.079	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7553	1.177	ug/L	100

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

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

Quantitation Report (Not Reviewed)

Data File : VU028254.D
Acq On : 19 Nov 2018 14:51
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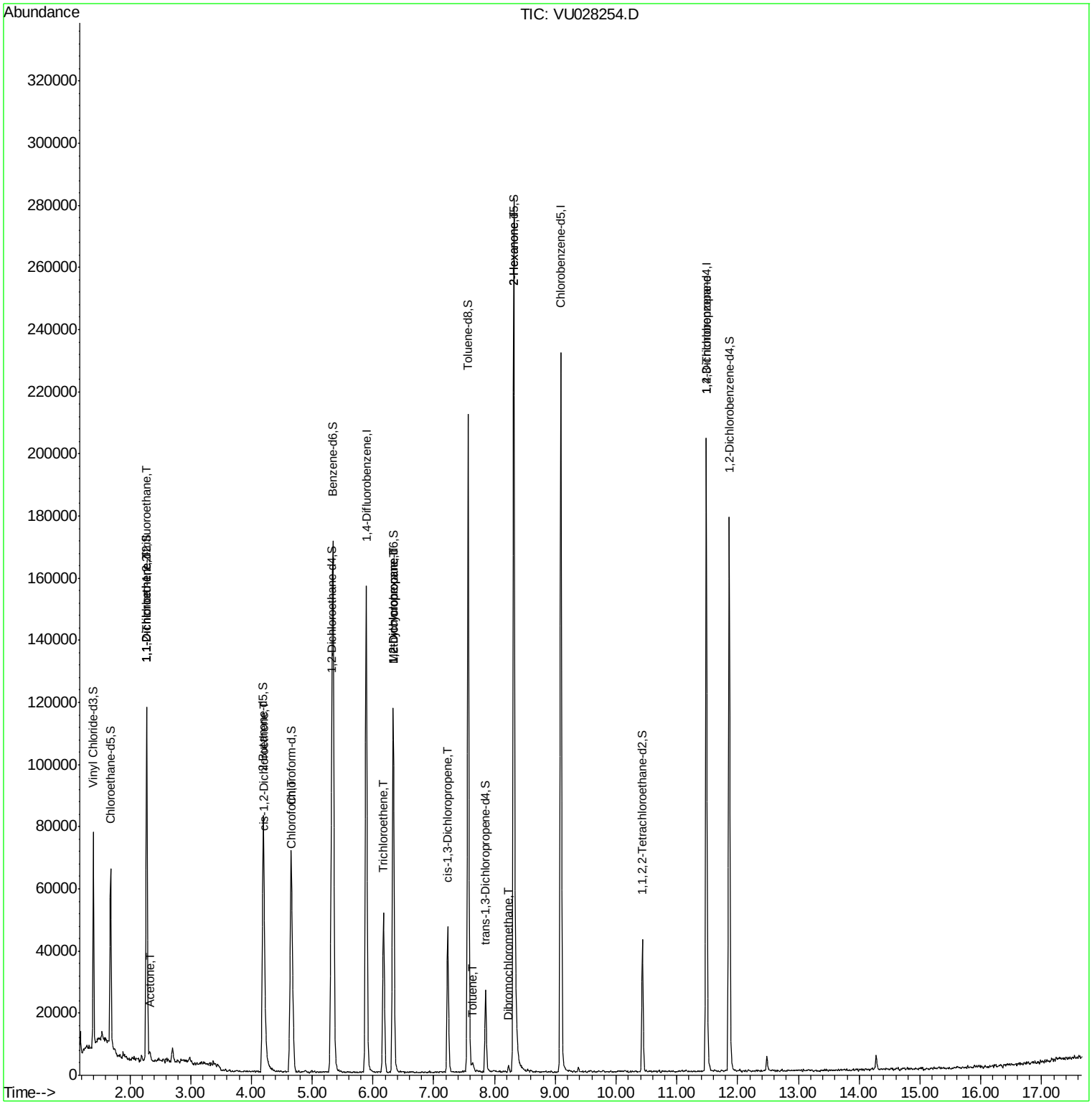
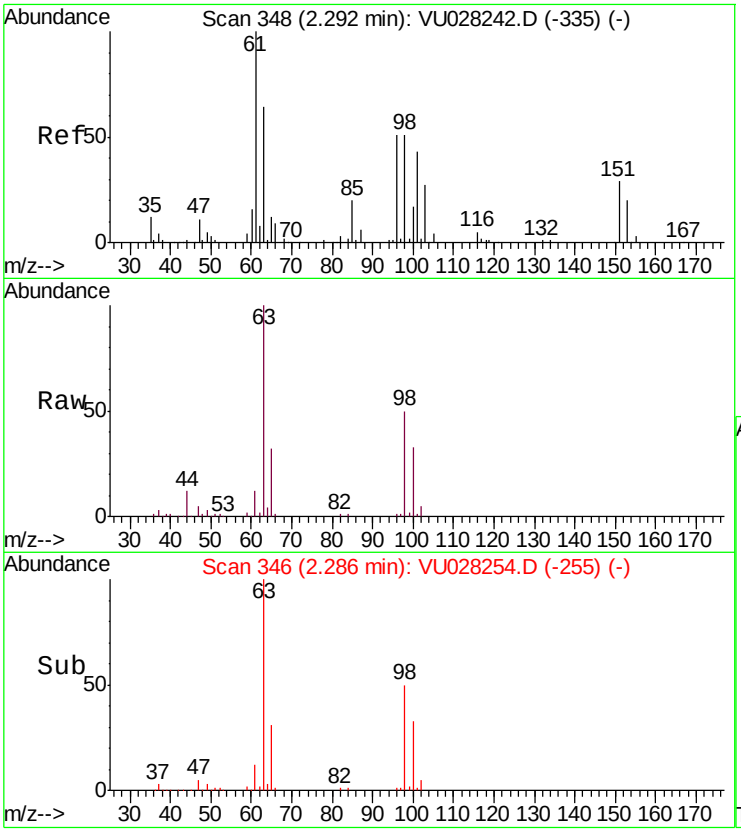
Sample : J5986-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FM4

Quant Time: Nov 20 07:12:02 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



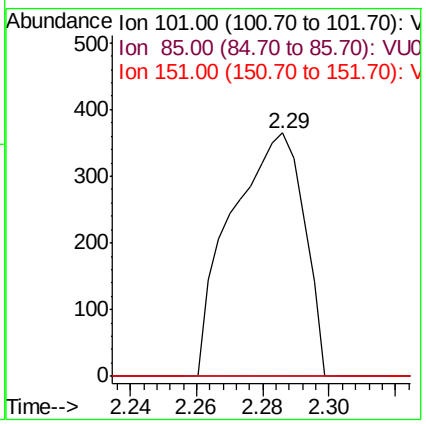


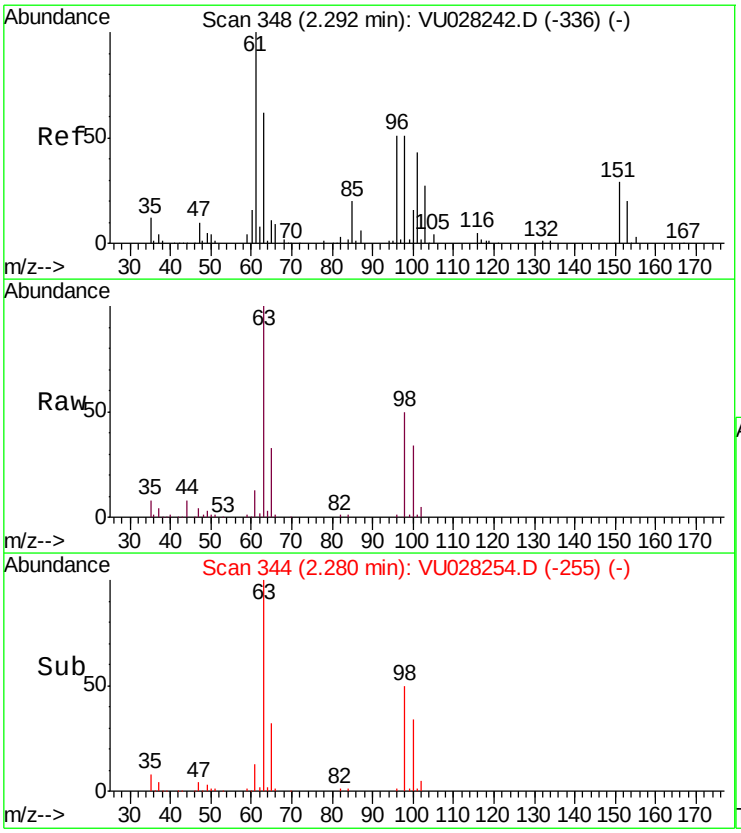
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.01 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument :
MSVOA_U
ClientSampleId :
H0FM4

Tgt Ion:101 Resp: 556

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

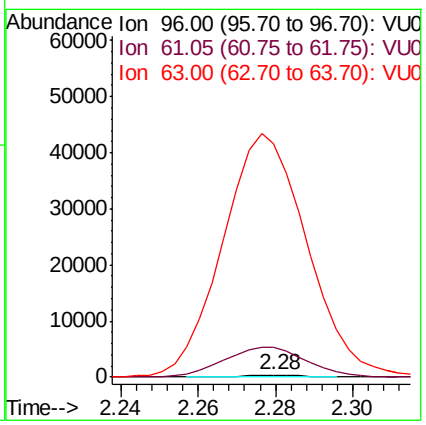


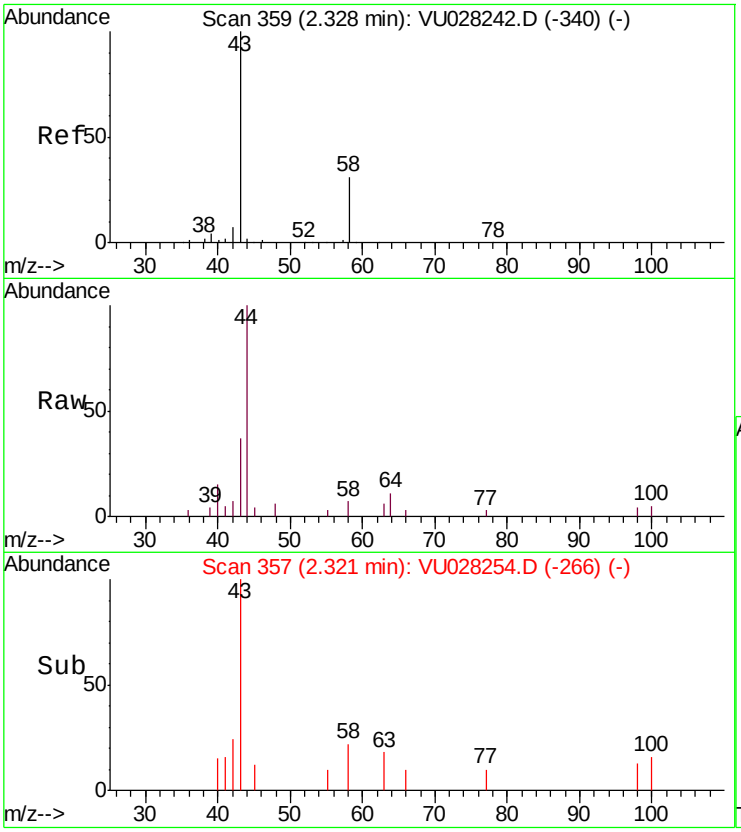


#12
1,1-Dichloroethene
Concen: 0.056 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion: 96 Resp: 428

Ion	Ratio	Lower	Upper
96	100		
61	1342.9	145.5	270.1#
63	10696.1	98.6	183.2#



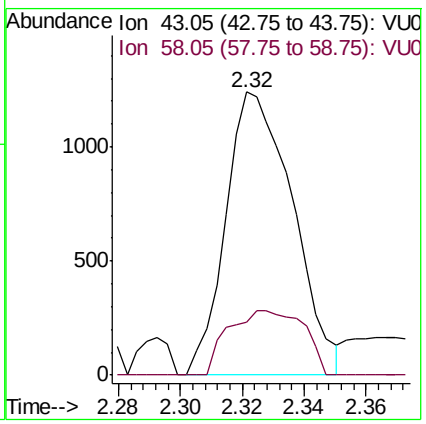


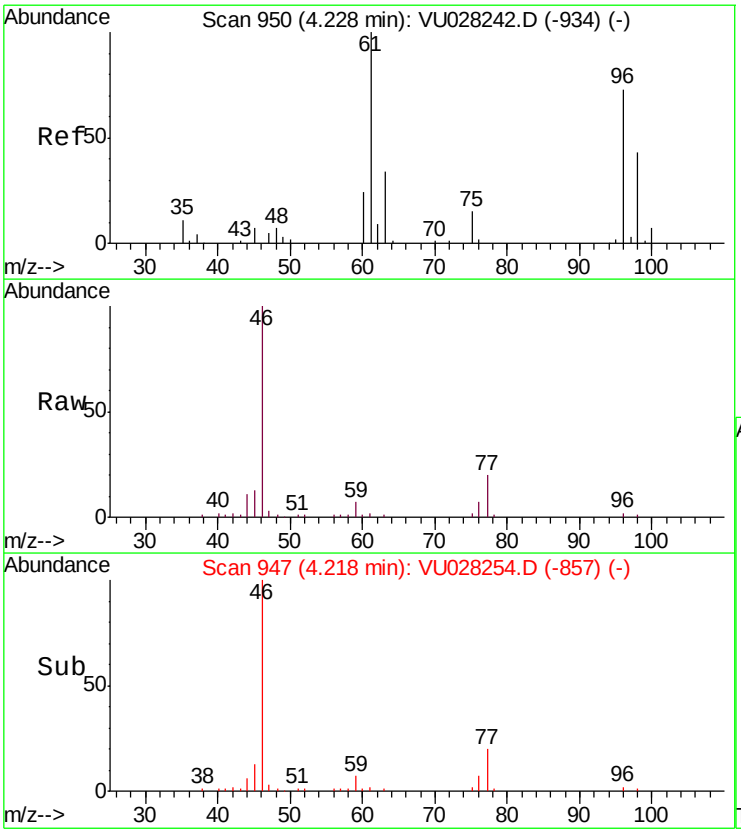
#13
Acetone
Concen: 0.865 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.01 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument : MSVOA_U
ClientSampleId : H0FM4

Tgt Ion: 43 Resp: 1864

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	58.6

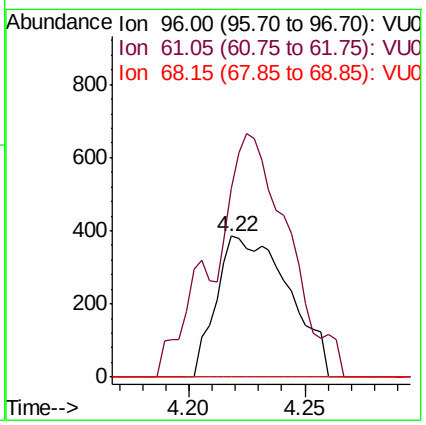


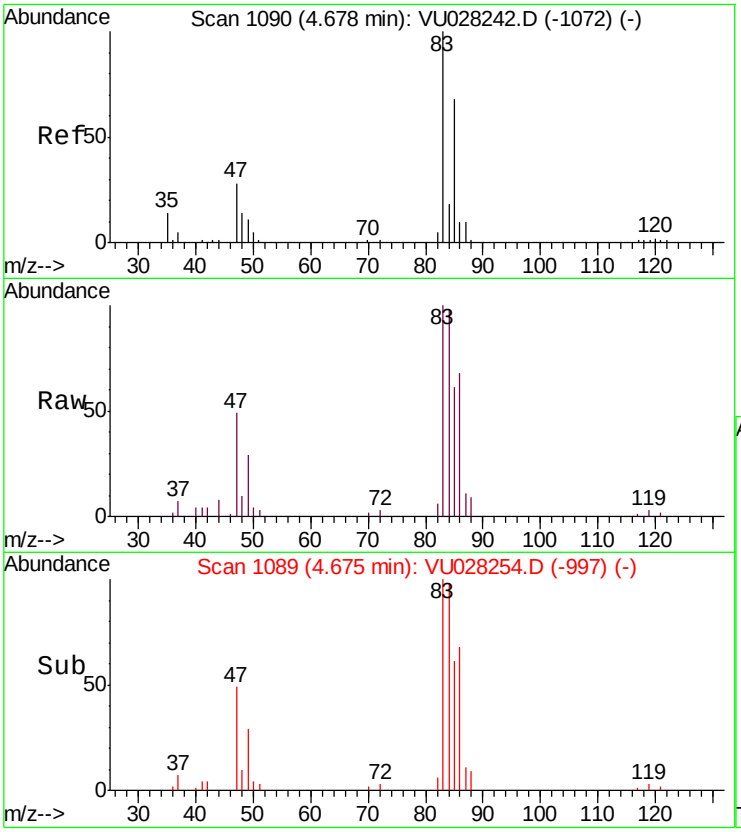


#22
cis-1,2-Dichloroethene
Concen: 0.086 ug/L
RT: 4.22 min Scan# 947
Delta R.T. -0.01 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion: 96 Resp: 834

Ion	Ratio	Lower	Upper
96	100		
61	133.4	108.0	200.6
68	0.0	0.0	0.0



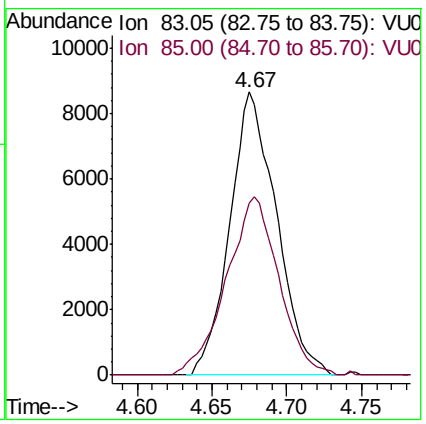


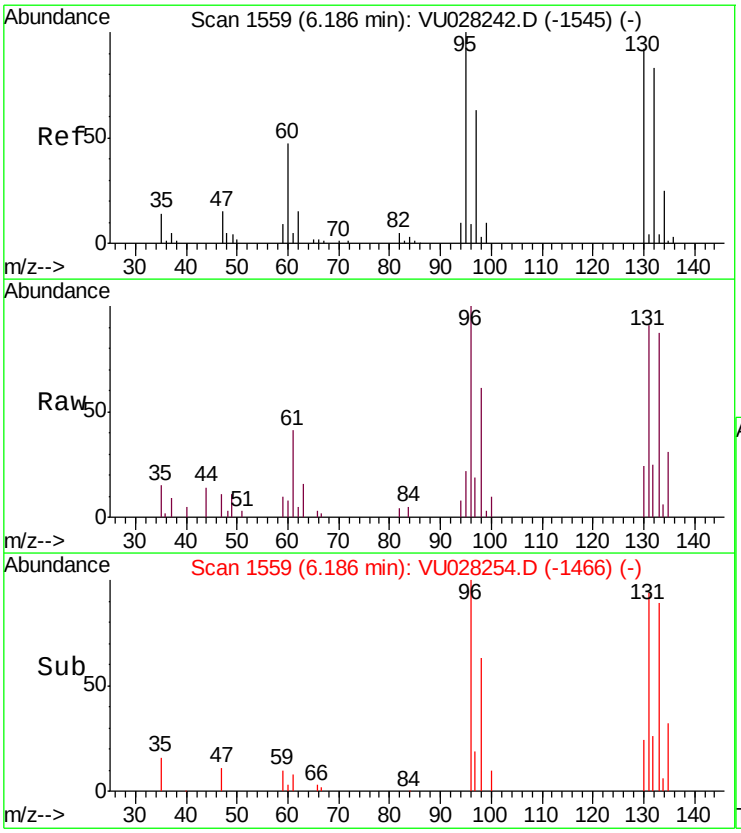
#25
Chloroform
Concen: 0.920 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument : MSVOA_U
ClientSampleId : H0FM4

Tgt Ion: 83 Resp: 18823

Ion	Ratio	Lower	Upper
83	100		
85	60.6	44.6	82.8

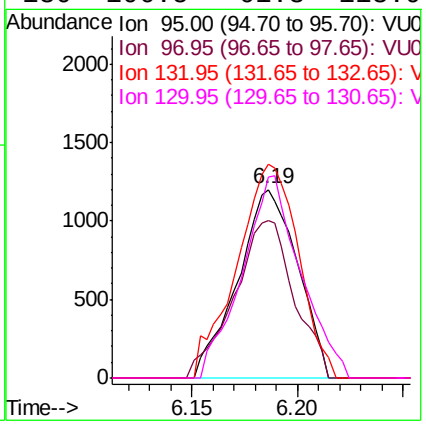


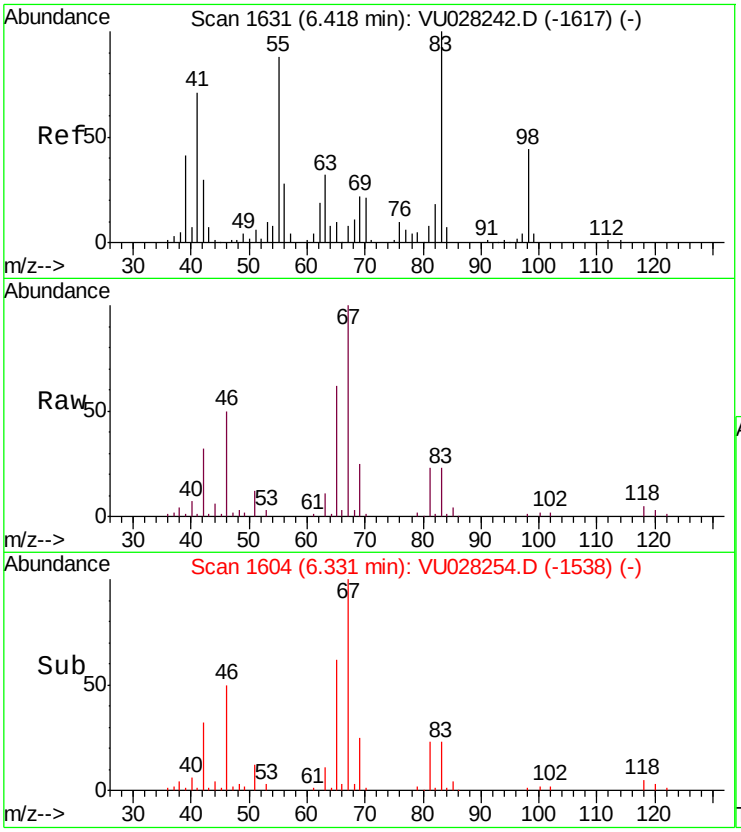


#34
Trichloroethene
Concen: 0.249 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion: 95 Resp: 2370

Ion	Ratio	Lower	Upper
95	100		
97	83.9	46.5	86.3
132	113.4	58.9	109.3#
130	106.5	61.3	113.9



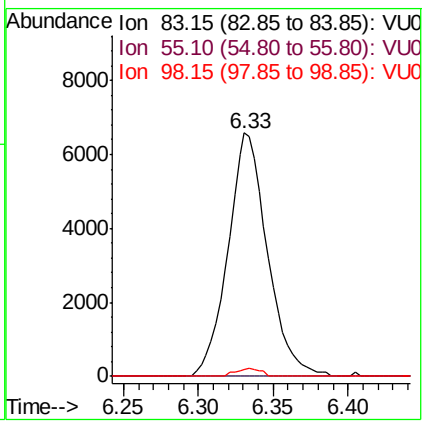


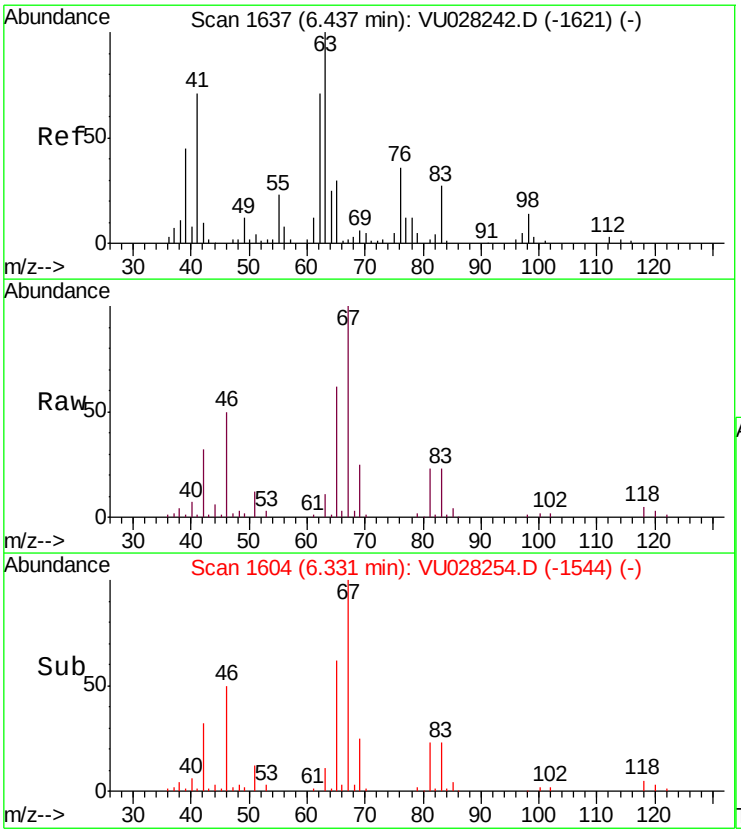
#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument : MSVOA_U
ClientSampleId : H0FM4

Tgt Ion: 83 Resp: 12077

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.2	109.8#
98	94.8	33.4	50.2#

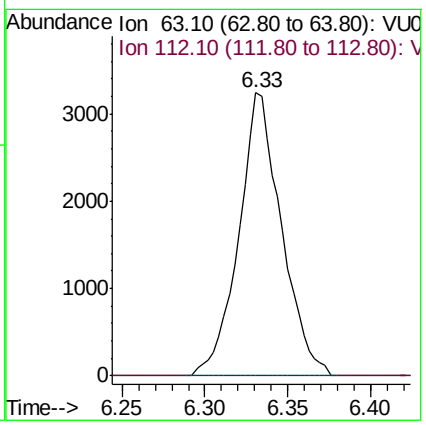


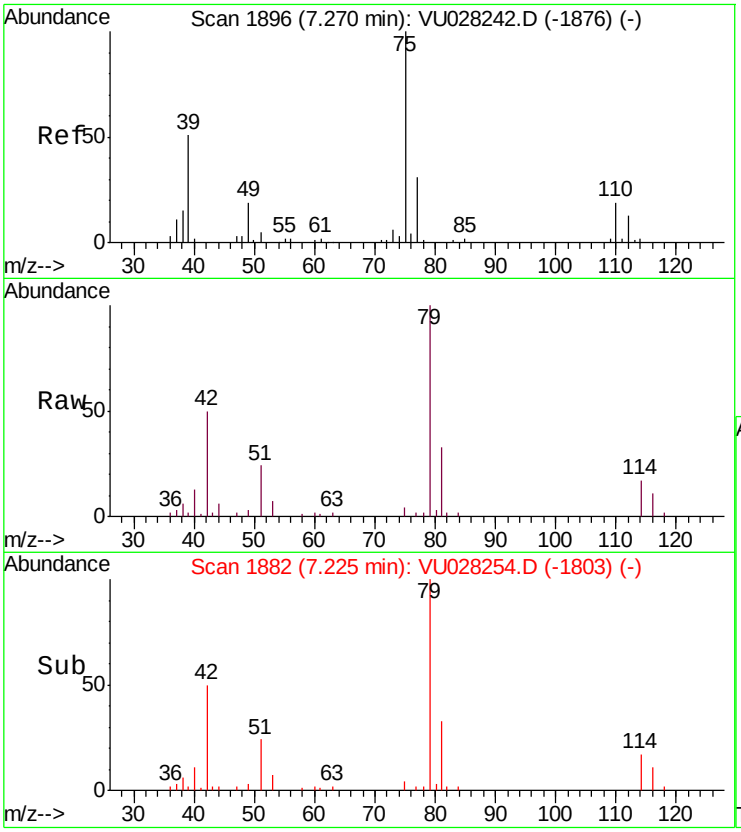


#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.11 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion: 63 Resp: 5785

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#



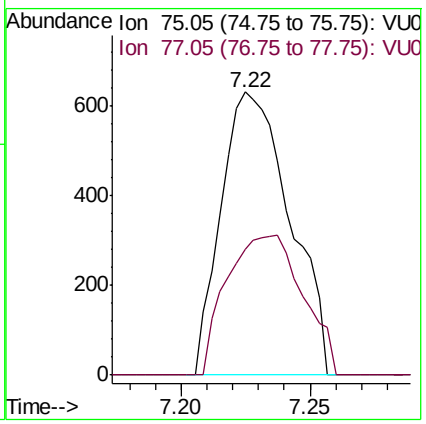


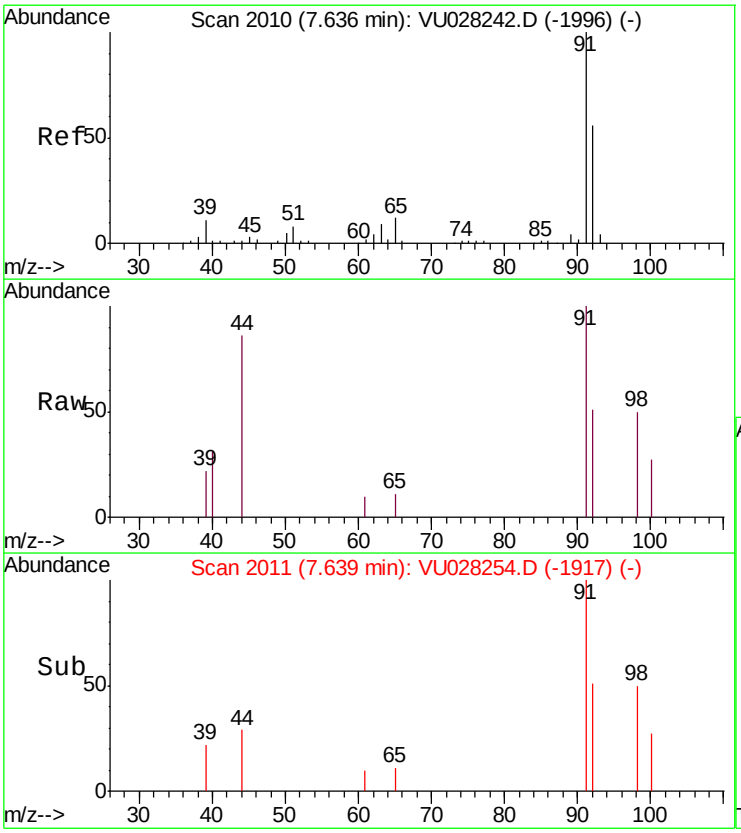
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument : MSVOA_U
ClientSampleId : H0FM4

Tgt Ion: 75 Resp: 1171

Ion	Ratio	Lower	Upper
75	100		
77	44.6	21.7	40.3#

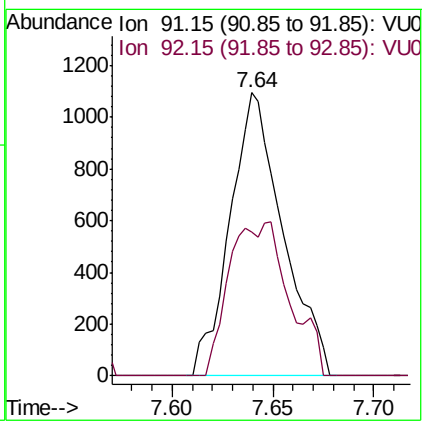


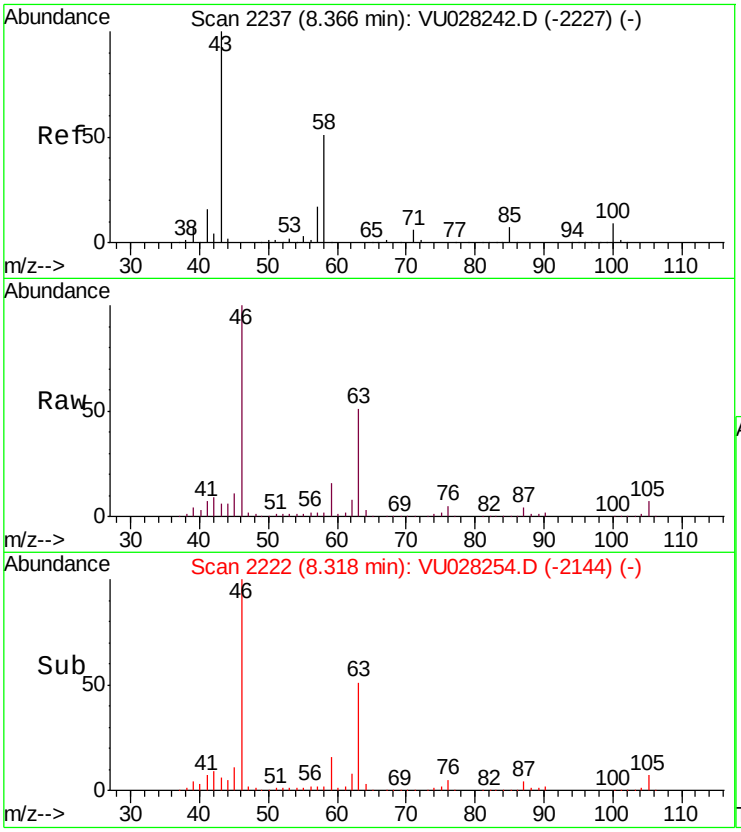


#42
Toluene
Concen: 0.051 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion: 91 Resp: 2005

Ion	Ratio	Lower	Upper
91	100		
92	50.6	39.0	72.4



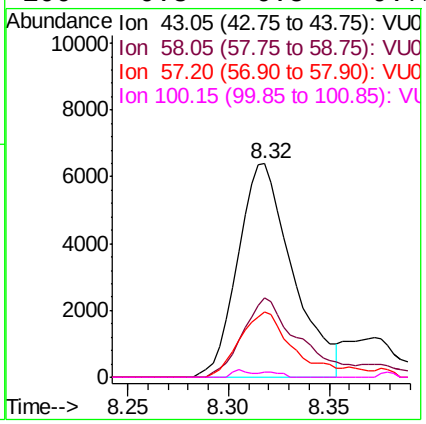


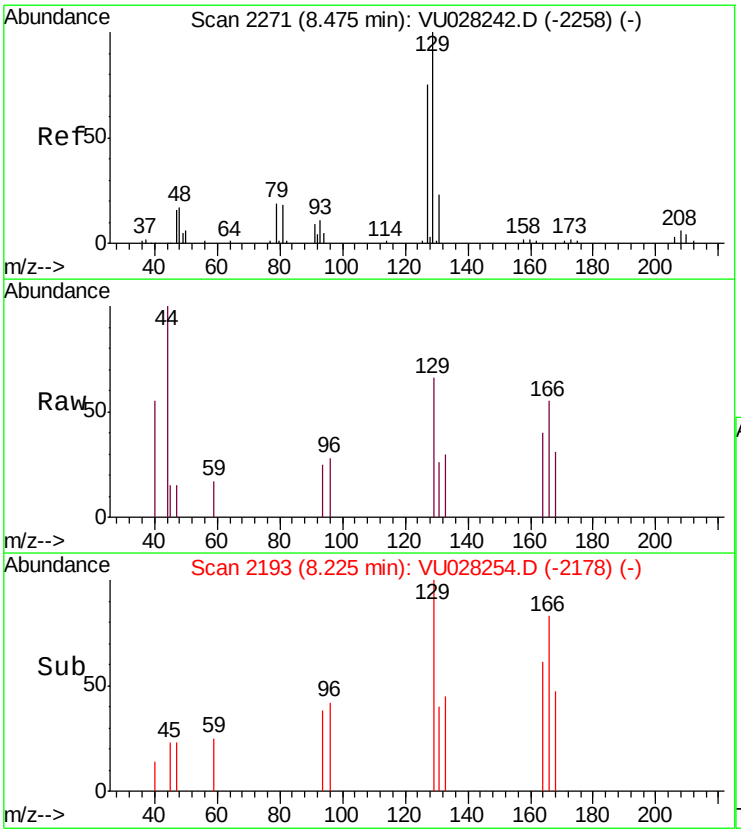
#48
2-Hexanone
Concen: 2.142 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument : MSVOA_U
ClientSampleId : H0FM4

Tgt Ion: 43 Resp: 12125

Ion	Ratio	Lower	Upper
43	100		
58	38.4	41.1	61.7#
57	31.3	13.8	20.8#
100	0.8	6.5	9.7#

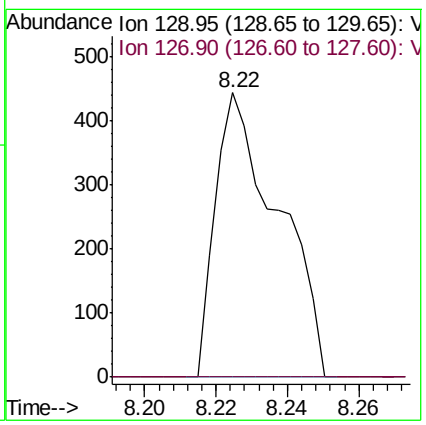


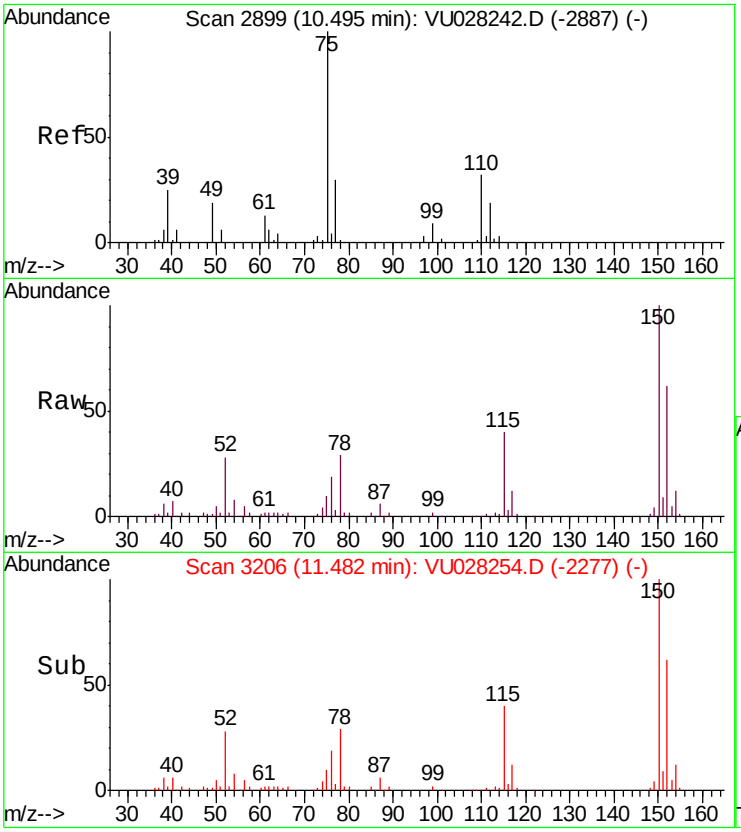


#49
Dibromochloromethane
Concen: 0.079 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Tgt Ion:129 Resp: 536

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.177 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028254.D
Acq: 19 Nov 2018 14:51

Instrument :
MSVOA_U
ClientSampleId :
H0FM4

Tgt Ion: 75 Resp: 7553

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5