Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032084.D
Acq On : 17 May 2019 06:36
Operator : JC/SP
Sample : K2859-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W25

Quant Time: May 17 08:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	395578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	394699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156919	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	140327	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.67	69	123405	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.27	63	200860	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	4.19	46	270250	41.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.62%			
24) Chloroform-d	4.64	84	247572	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.31	65	128615	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
32) Benzene-d6	5.33	84	520381	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.33	67	152295	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.60%			
41) Toluene-d8	7.56	98	437090	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	7.85	79	46092	3.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.80%			
46) 2-Hexanone-d5	8.31	63	230284	40.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124397	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	155600	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2885	0.152	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2357	0.145	ug/L #	21
13) Acetone	2.32	43	2871	1.337	ug/L	95
25) Chloroform	4.67	83	13414	0.465	ug/L	94
34) Trichloroethene	6.18	95	5494	0.334	ug/L	82
35) Methylcyclohexane	6.33	83	36262	1.532	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16734	1.129	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3427	0.167	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	1770	0.111	ug/L #	71
47) Tetrachloroethene	8.22	164	35201	2.864	ug/L	96
48) 2-Hexanone	8.37	43	10934	2.052	ug/L #	91
49) Dibromochloromethane	8.22	129	32580	2.583	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	17072	1.814	ug/L	91

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

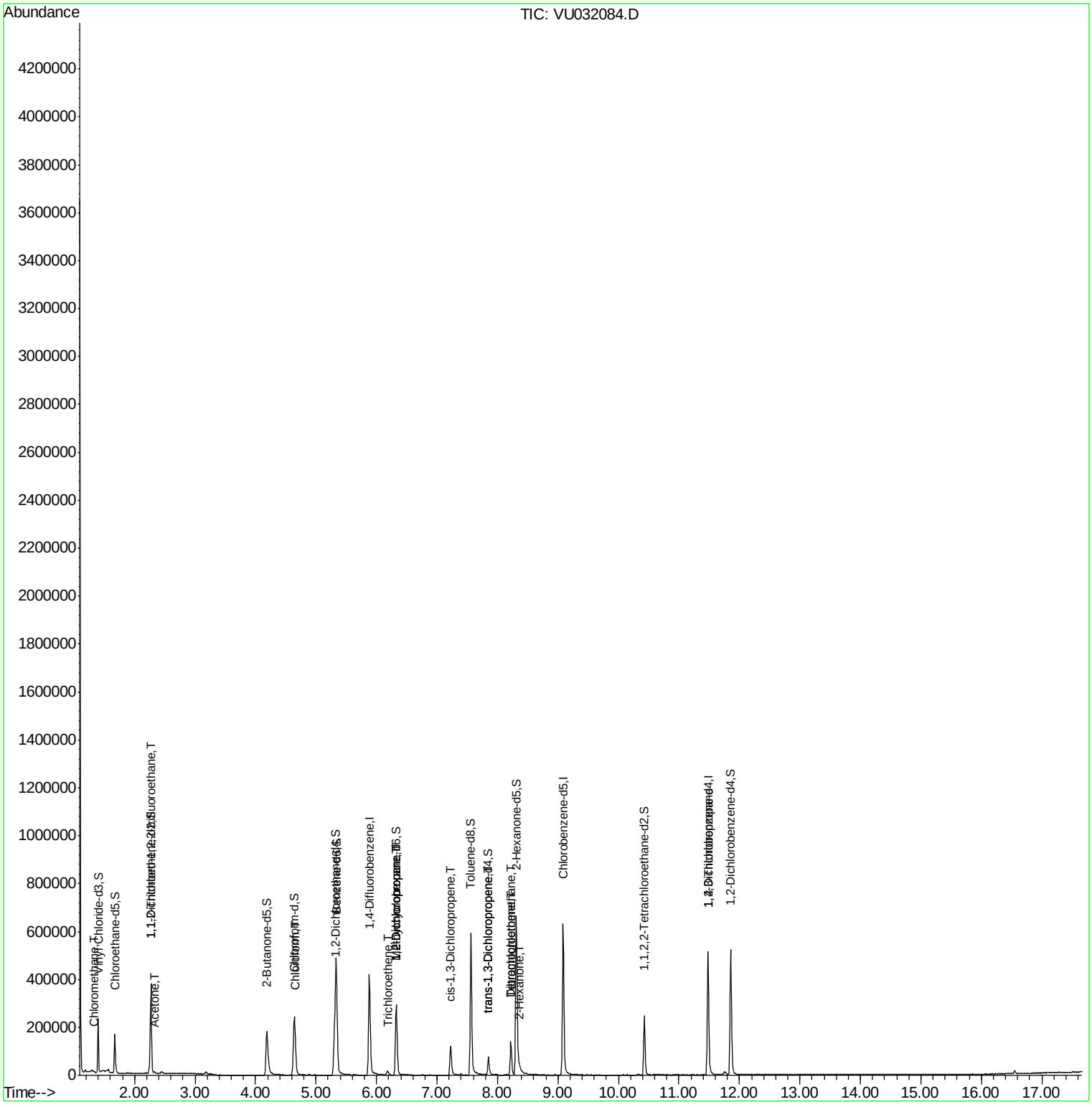
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

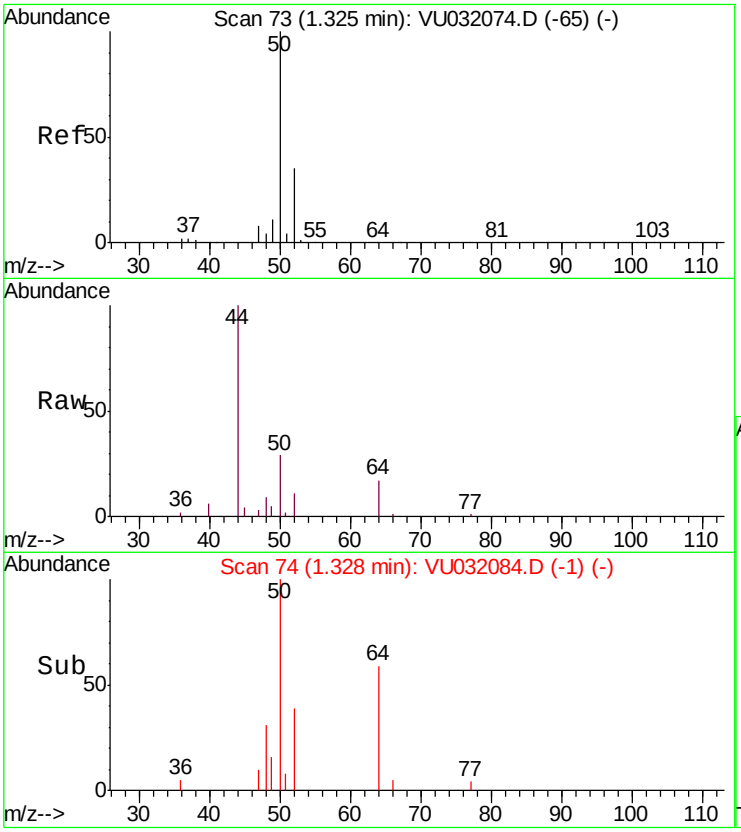
Quantitation Report (Not Reviewed)

Data File : VU032084.D
Acq On : 17 May 2019 06:36
Operator : JC/SP
Sample : K2859-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W25

Quant Time: May 17 08:45:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration



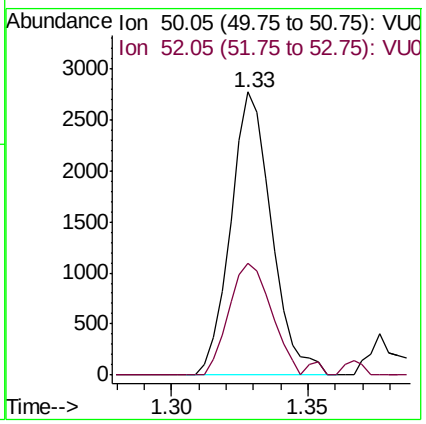


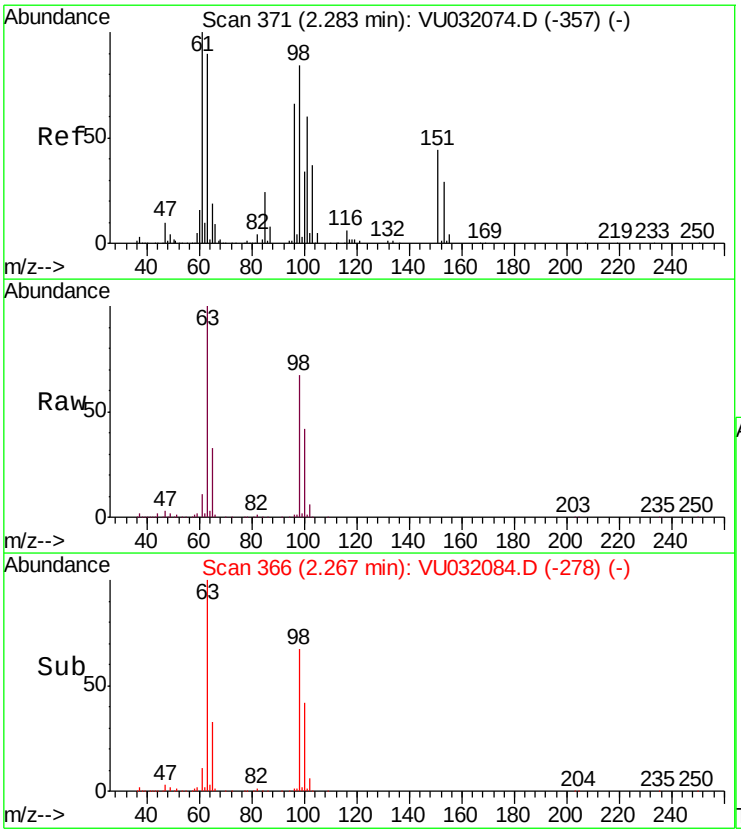
#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument : MSVOA_U
ClientSampleId : F9W25

Tgt Ion: 50 Resp: 2885

Ion	Ratio	Lower	Upper
50	100		
52	39.4	23.2	43.0

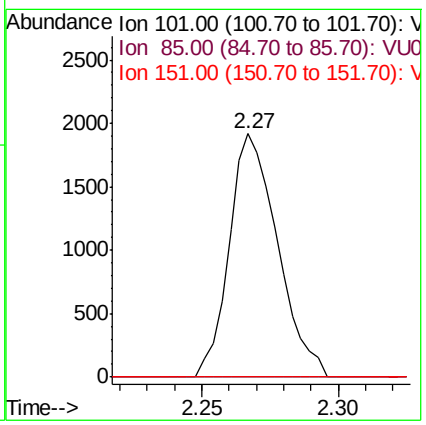


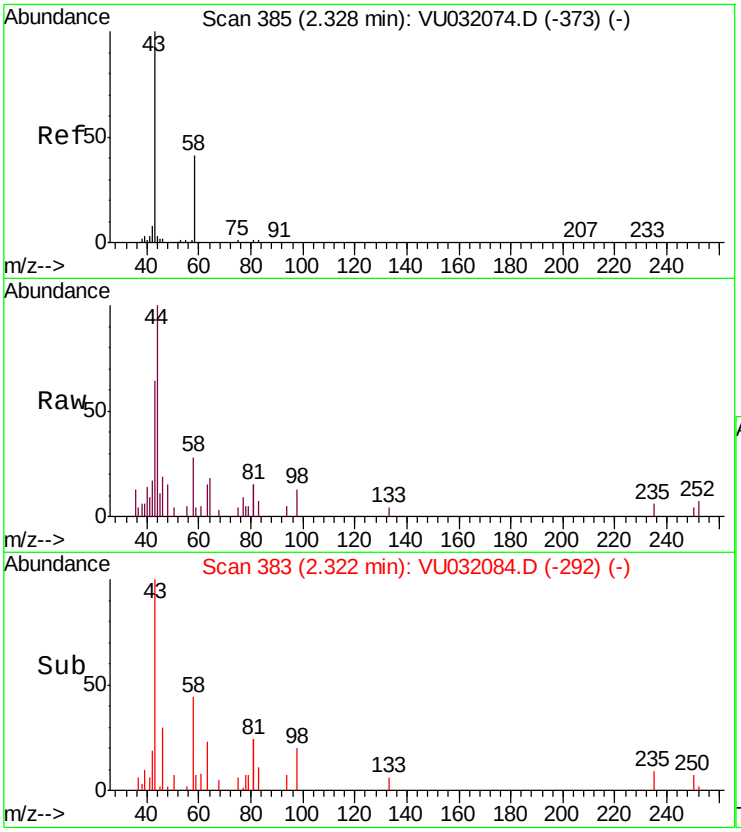


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.145 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion:101 Resp: 2357

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.8#
151	0.8	59.4	89.2#



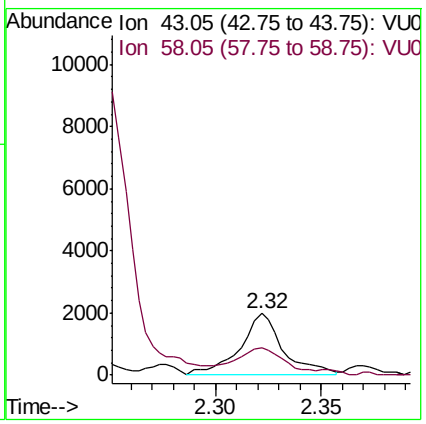


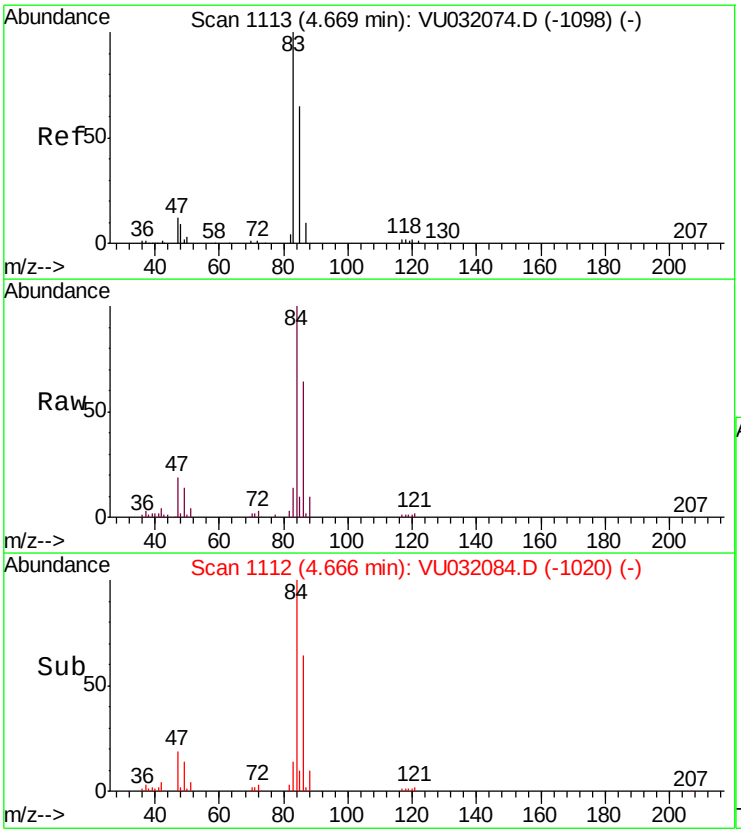
#13
Acetone
Concen: 1.337 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument :
MSVOA_U
ClientSampleId :
F9W25

Tgt Ion: 43 Resp: 2871

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	78.8

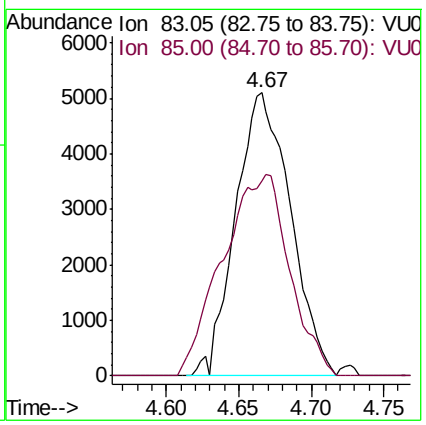


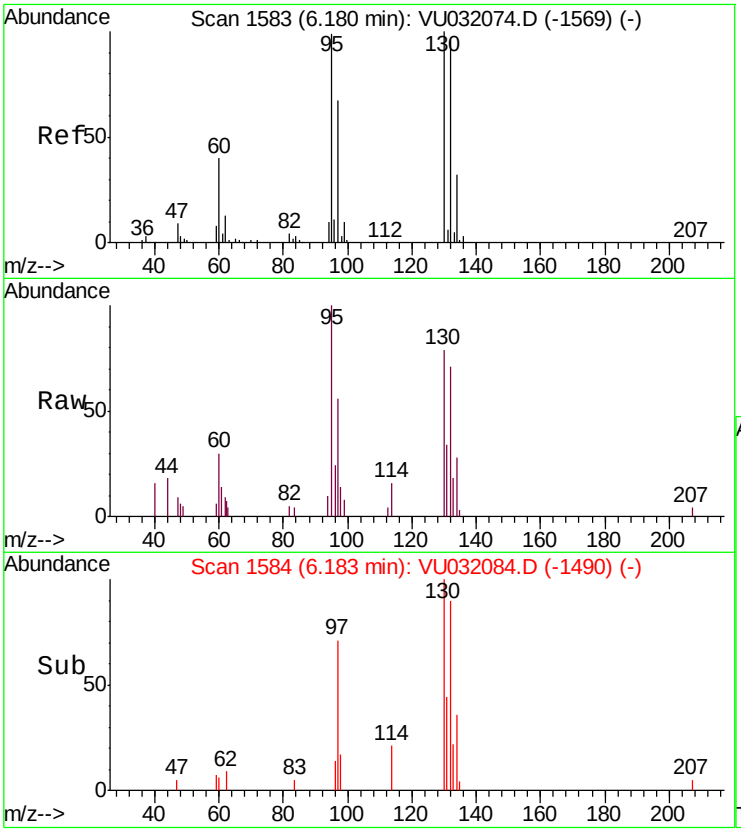


#25
Chloroform
Concen: 0.465 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion: 83 Resp: 13414

Ion	Ratio	Lower	Upper
83	100		
85	68.7	44.9	83.3



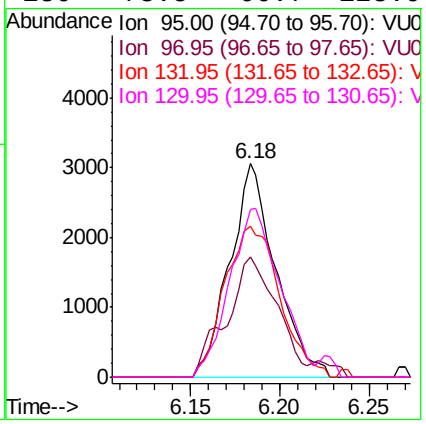


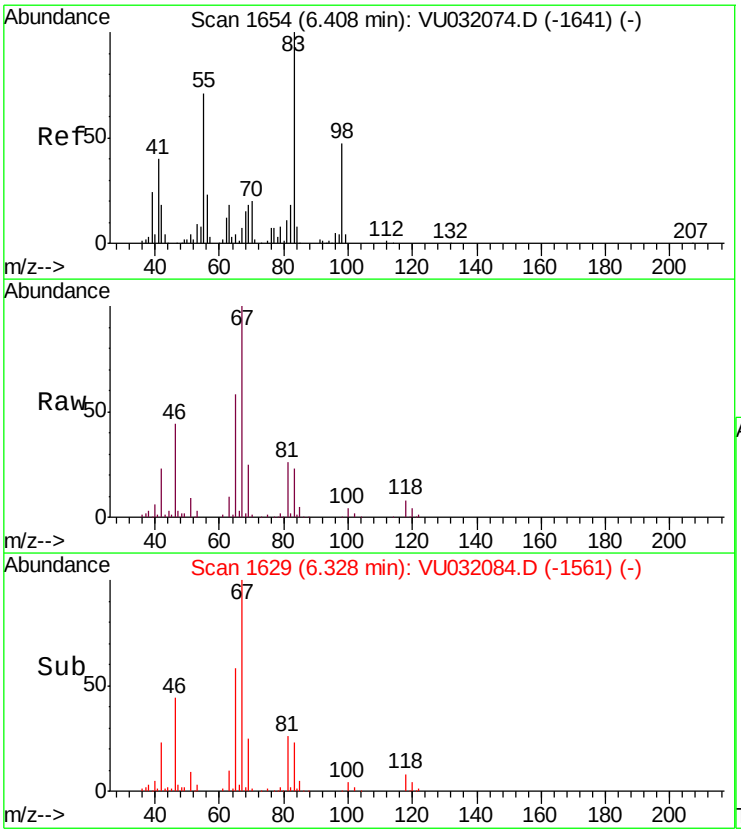
#34
Trichloroethene
Concen: 0.334 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument : MSVOA_U
ClientSampleId : F9W25

Tgt Ion: 95 Resp: 5494

Ion	Ratio	Lower	Upper
95	100		
97	56.1	45.2	84.0
132	70.5	66.1	122.7
130	78.5	66.7	123.9

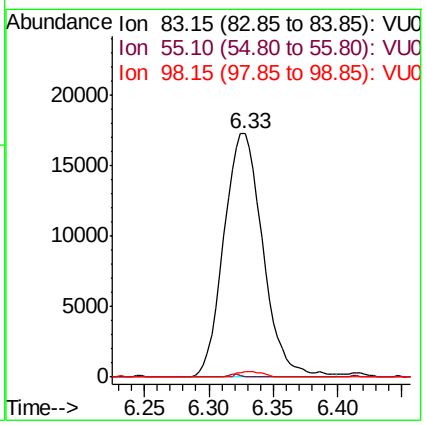


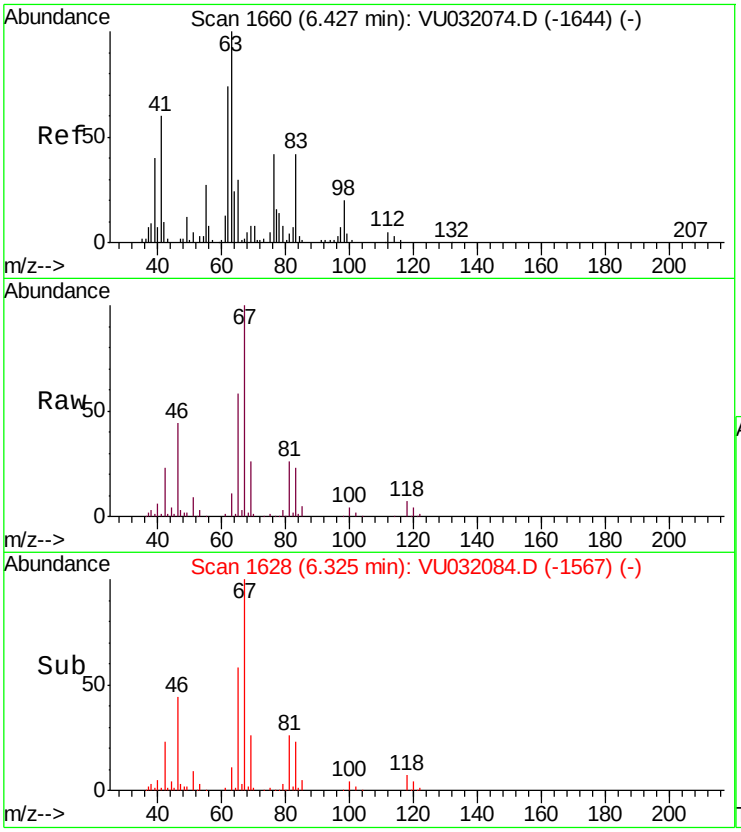


#35
Methylcyclohexane
Concen: 1.532 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion: 83 Resp: 36262

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.7	89.5#
98	1.4	36.8	55.2#



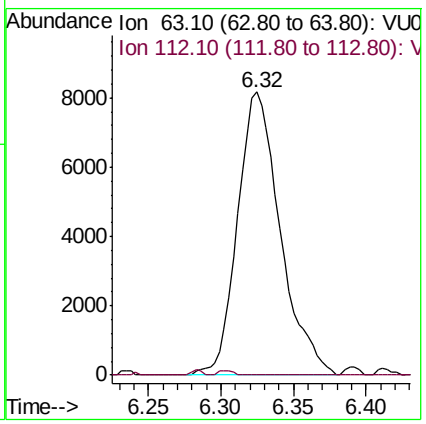


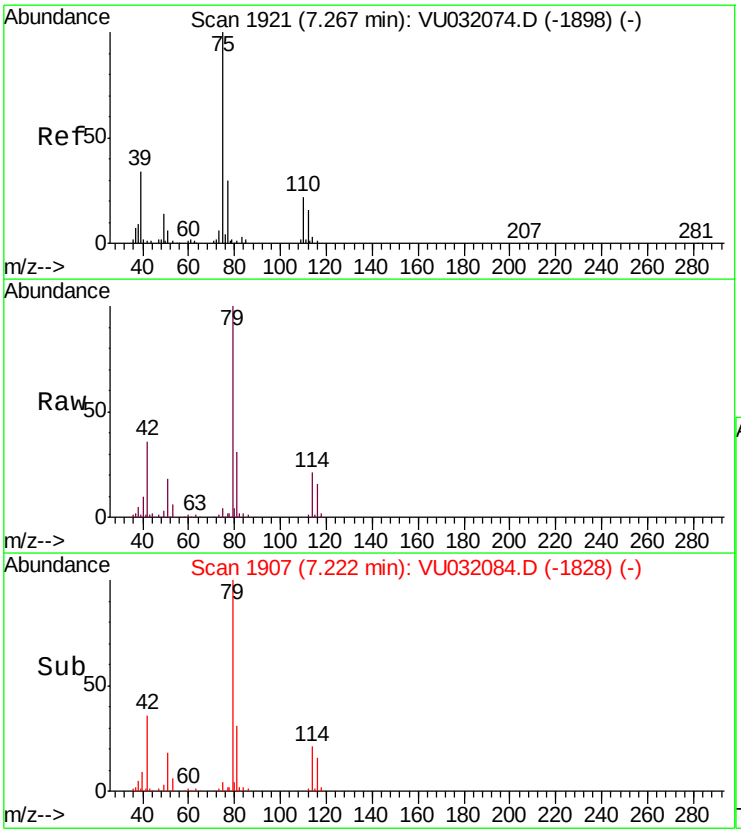
#37
1,2-Dichloropropane
Concen: 1.129 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument : MSVOA_U
ClientSampleId : F9W25

Tgt Ion: 63 Resp: 16734

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.6#

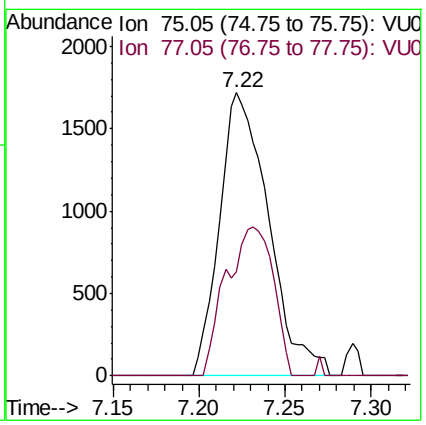


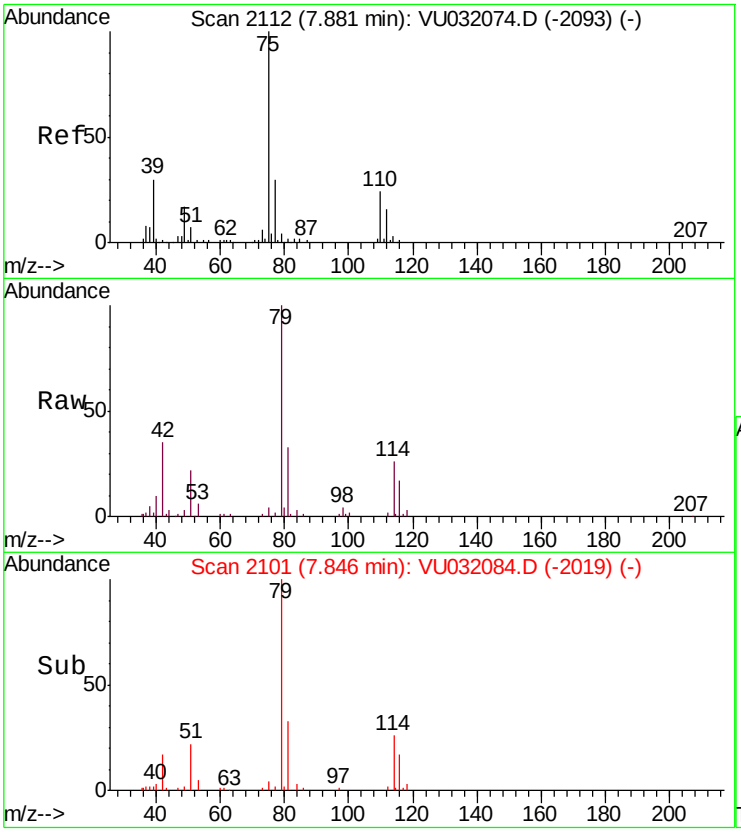


#39
cis-1,3-Dichloropropene
Concen: 0.167 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion: 75 Resp: 3427

Ion	Ratio	Lower	Upper
75	100		
77	36.8	21.7	40.3



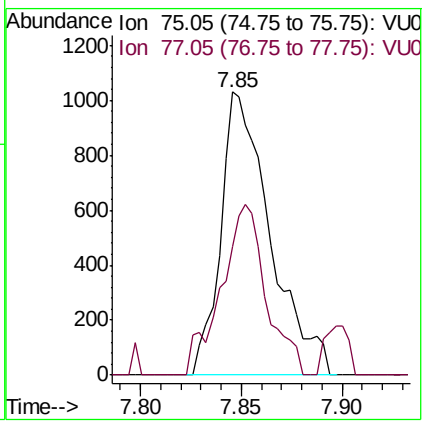


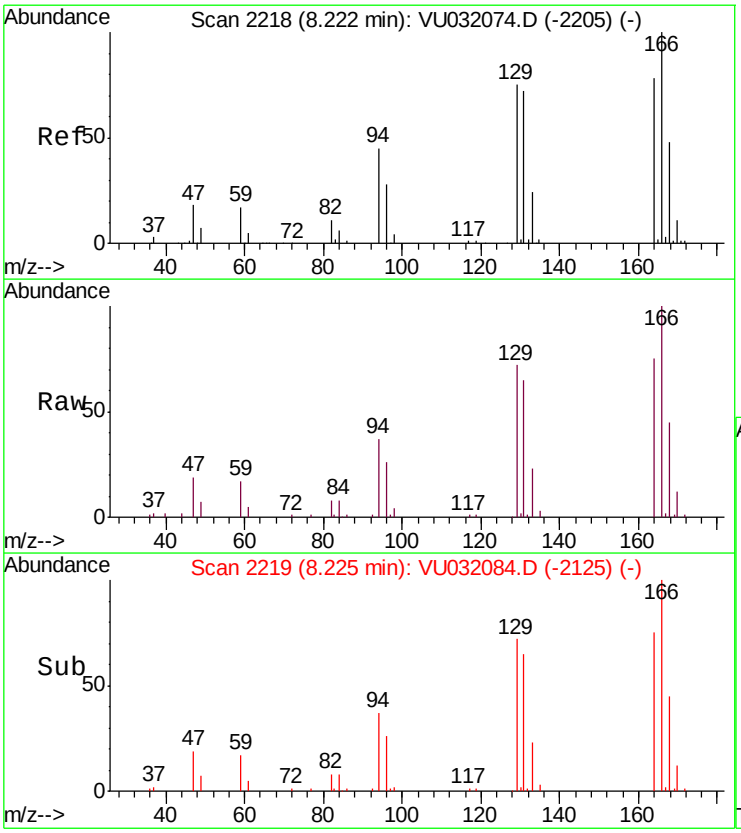
#44
trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.04 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument :
MSVOA_U
ClientSampleId :
F9W25

Tgt Ion: 75 Resp: 1770

Ion	Ratio	Lower	Upper
75	100		
77	45.5	21.0	39.0#

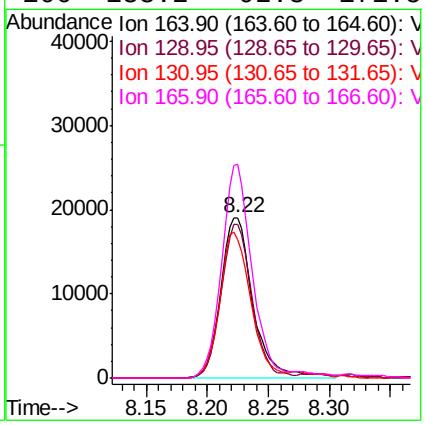


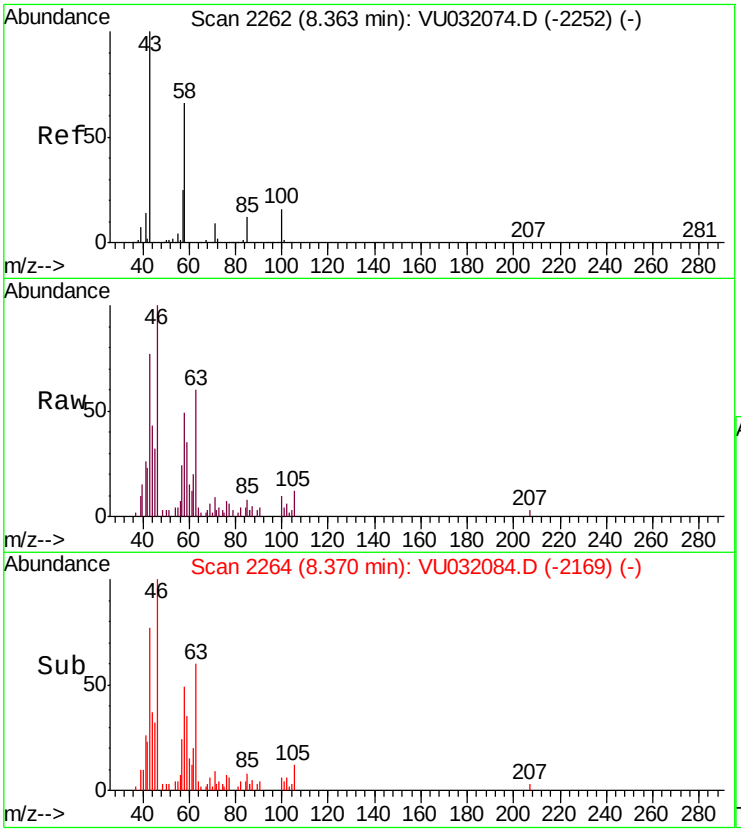


#47
Tetrachloroethene
Concen: 2.864 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion:164 Resp: 35201

Ion	Ratio	Lower	Upper
164	100		
129	95.7	70.3	130.5
131	86.6	64.5	119.9
166	133.2	92.3	171.5



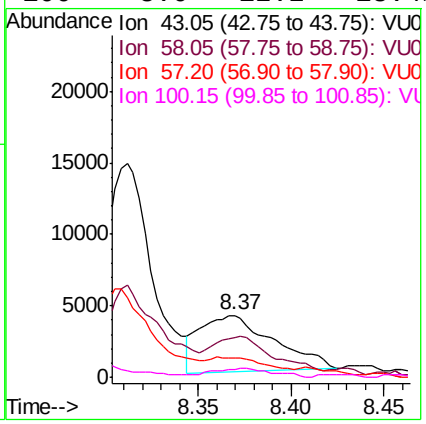


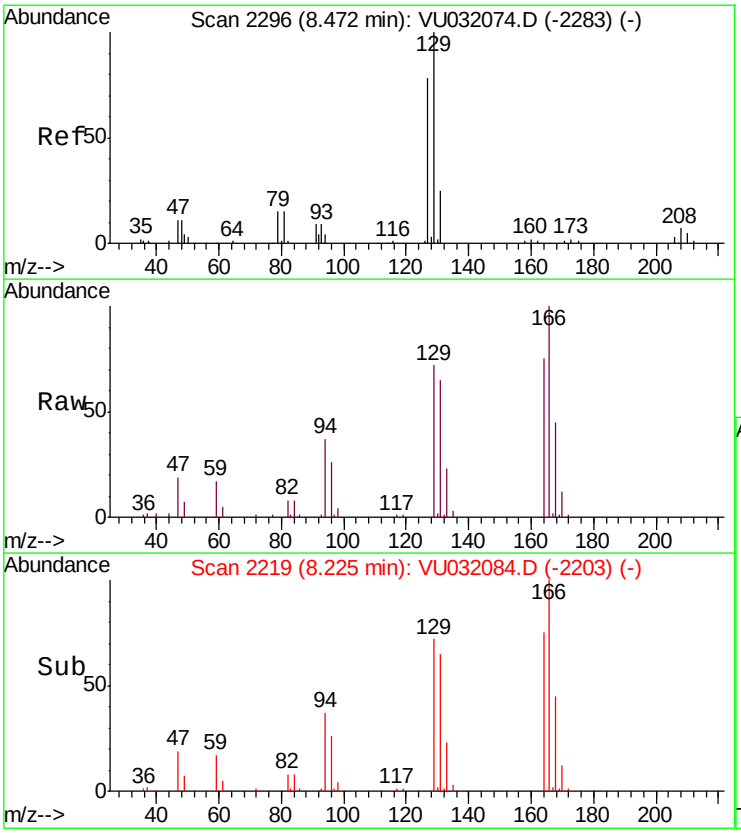
#48
2-Hexanone
Concen: 2.052 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument : MSVOA_U
ClientSampleId : F9W25

Tgt Ion: 43 Resp: 10934

Ion	Ratio	Lower	Upper
43	100		
58	59.1	51.6	77.4
57	27.5	18.4	27.6
100	8.0	12.2	18.4#

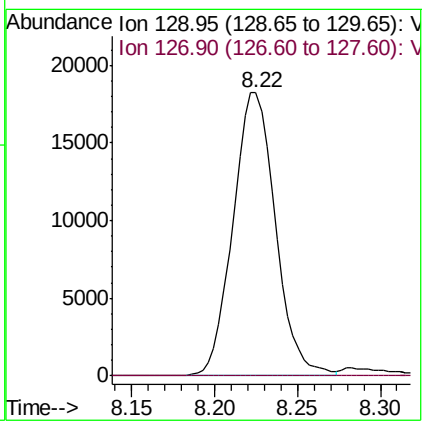


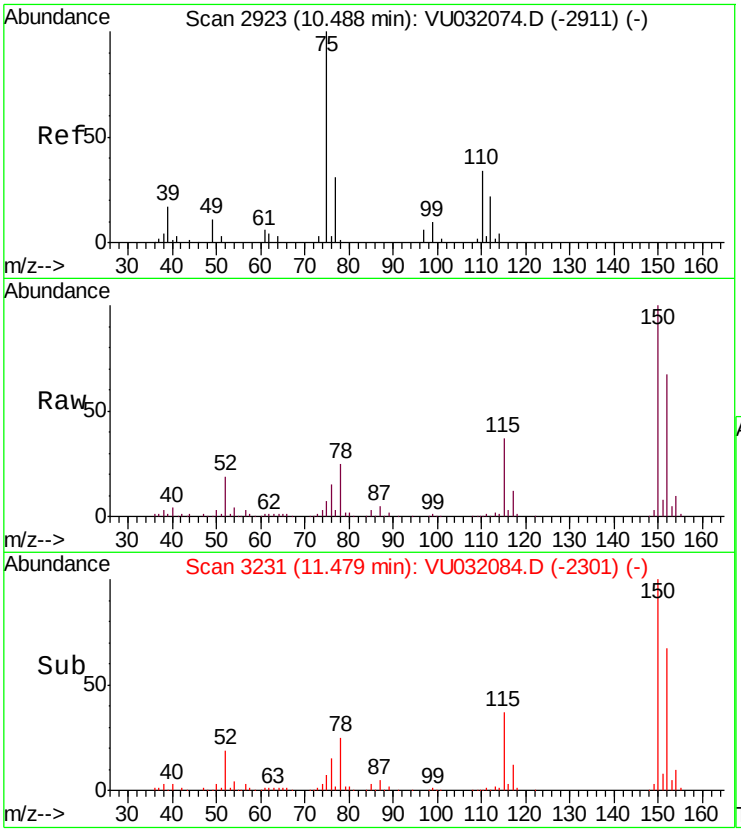


#49
Dibromochloromethane
Concen: 2.583 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Tgt Ion:129 Resp: 32580

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.814 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032084.D
Acq: 17 May 2019 06:36

Instrument :
MSVOA_U
ClientSampleId :
F9W25

Tgt Ion: 75 Resp: 17072

Ion	Ratio	Lower	Upper
75	100		
77	37.8	26.2	39.2