Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028869.D
Acq On : 21 Dec 2018 13:21
Operator : MD/SY
Sample : J6419-14ME
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 21 23:31:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198092	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91655	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	64991	40.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.84%			
7) Chloroethane-d5	1.64	69	41061	33.47	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 66.94%#			
11) 1,1-Dichloroethene-d2	2.22	63	87931	32.92	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.84%			
21) 2-Butanone-d5	4.20	46	134905	121.25	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.25%			
24) Chloroform-d	4.64	84	125633	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.62%			
26) 1,2-Dichloroethane-d4	5.30	65	81196	52.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.50%			
32) Benzene-d6	5.33	84	268891	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.88%			
36) 1,2-Dichloropropane-d6	6.32	67	96342	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.28%			
41) Toluene-d8	7.56	98	237338	48.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.30%			
43) trans-1,3-Dichloropropene-	7.85	79	42669	51.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.06%			
47) 2-Hexanone-d5	8.32	63	118283	134.78	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 134.78%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156992	61.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 122.48%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	101377	54.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.38%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3124	1.422	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	843	0.657	ug/L #	20
12) 1,1-Dichloroethene	2.22	96	712	0.561	ug/L #	1
13) Acetone	2.35	43	1055	0.930	ug/L	58
15) Methyl Acetate	2.63	43	3341	1.890	ug/L #	77
37) 1,2-Dichloropropane	6.33	63	8845	5.162	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2138	0.875	ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	1604	0.737	ug/L	95
45) 1,1,2-Trichloroethane	8.22	97	1396	0.953	ug/L #	1
46) Tetrachloroethene	8.22	164	185872	163.087	ug/L	99
48) 2-Hexanone	8.32	43	12311	6.513	ug/L #	65
49) Dibromochloromethane	8.22	129	171716	117.675	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	11748	5.746	ug/L	99

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Dec 2018 13:21
Operator : MD/SY
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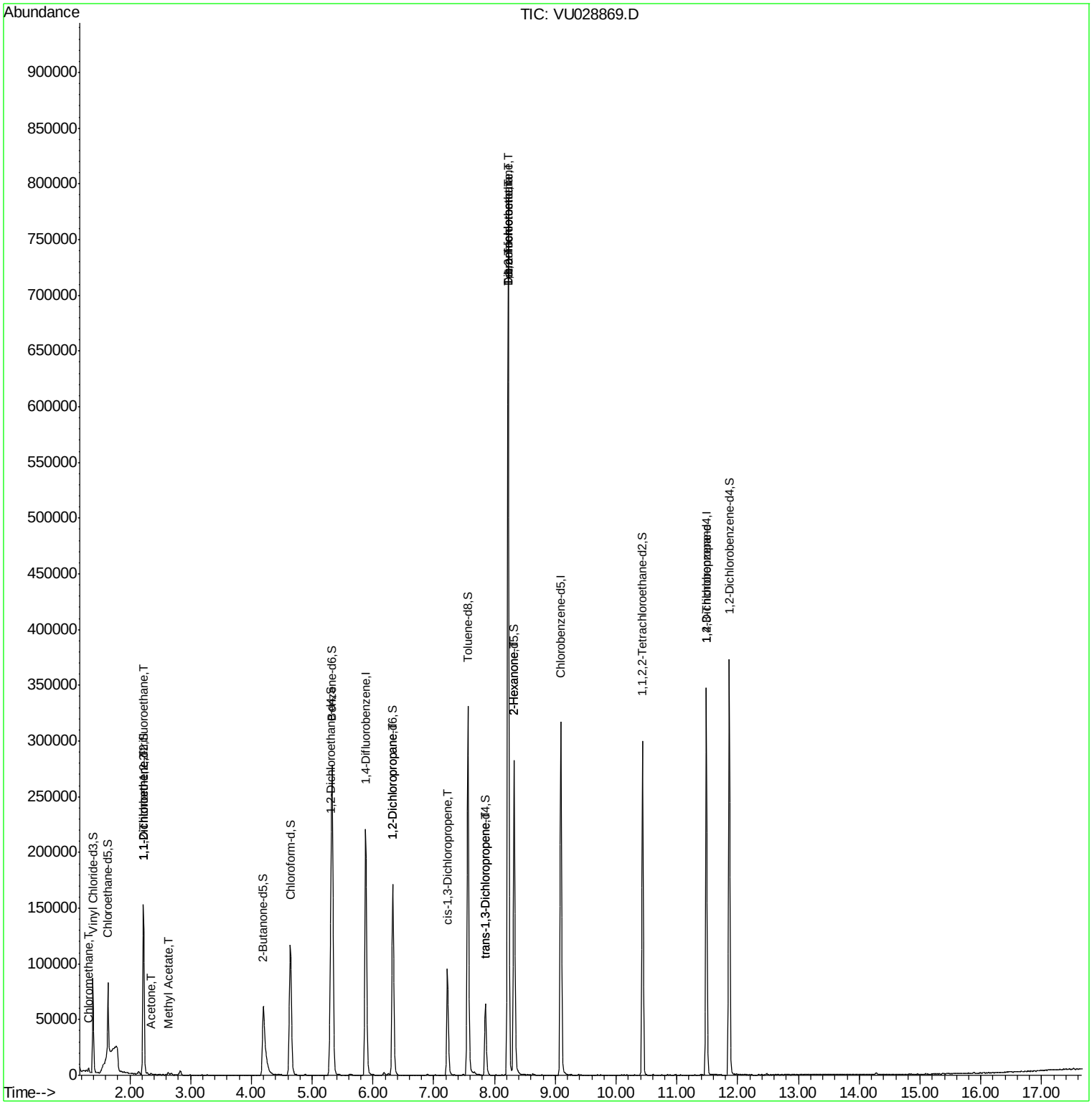
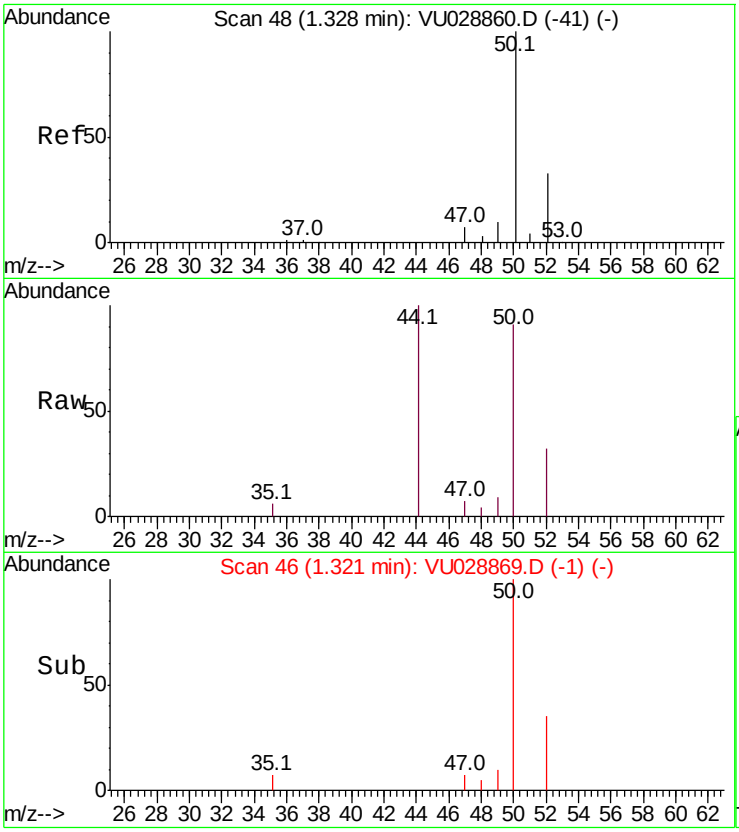
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 21 23:31:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

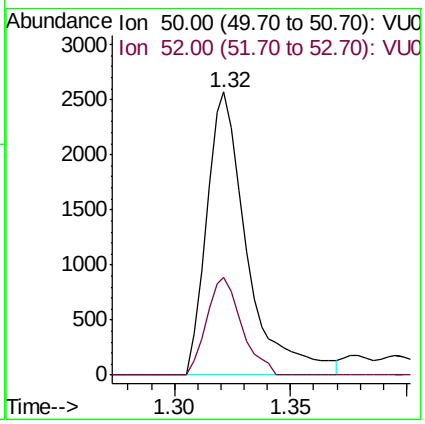


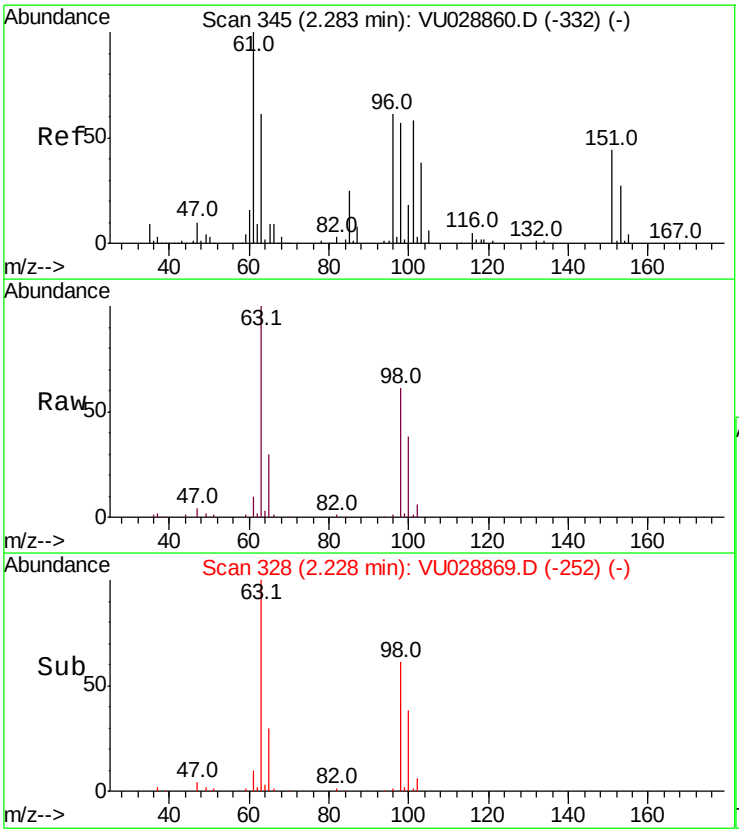


#3
Chloromethane
Concen: 1.422 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 50 Resp: 3124

Ion	Ratio	Lower	Upper
50	100		
52	34.6	22.3	41.3

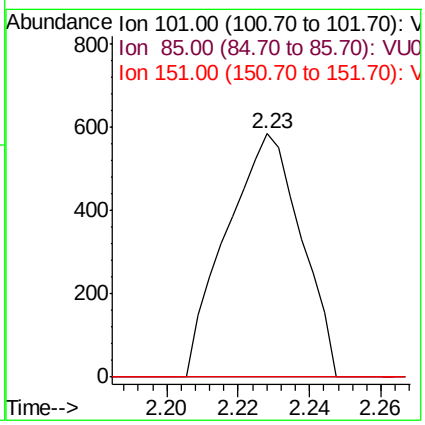


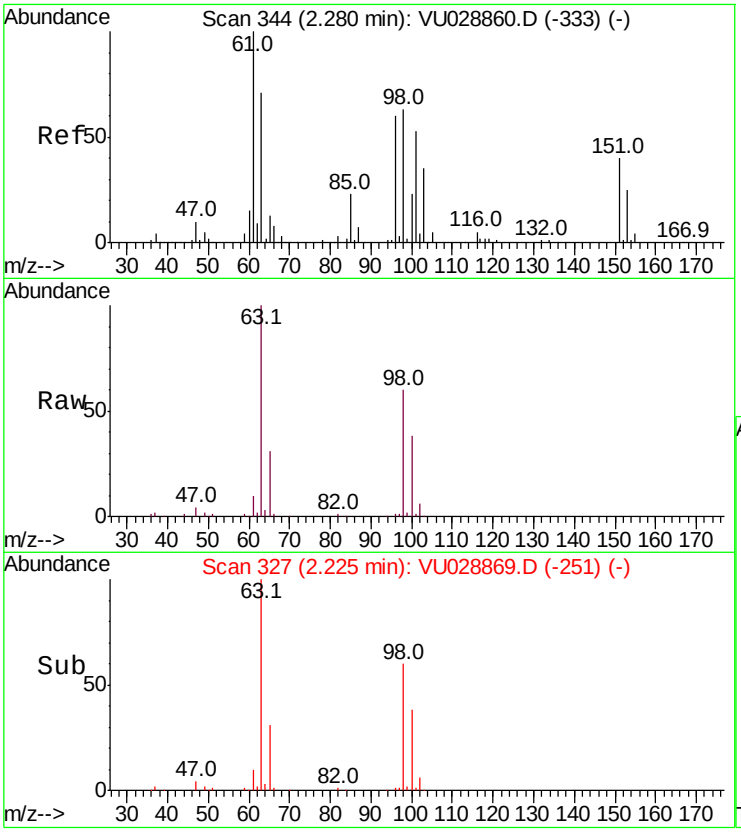


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.23 min Scan# 328
Delta R.T. -0.05 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion:101 Resp: 843

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

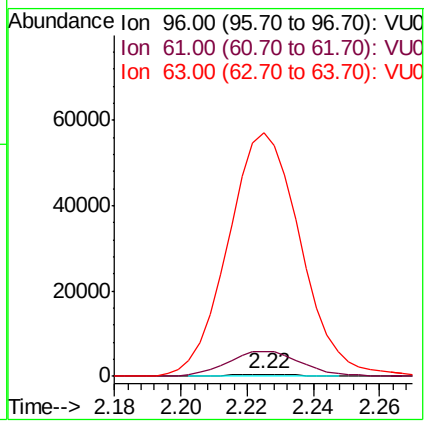


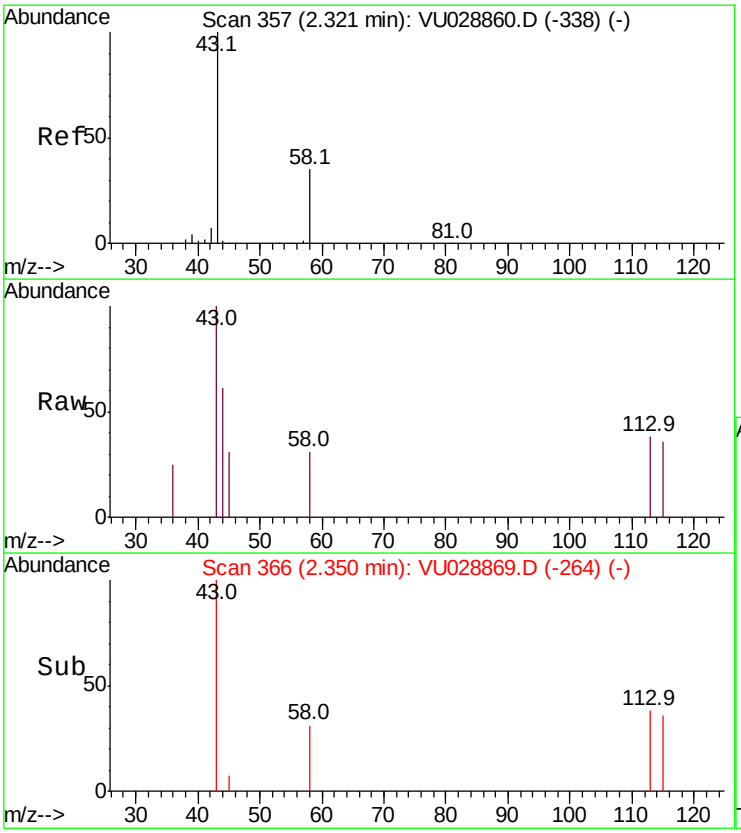


#12
1,1-Dichloroethene
Concen: 0.561 ug/L
RT: 2.22 min Scan# 327
Delta R.T. -0.05 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 96 Resp: 712

Ion	Ratio	Lower	Upper
96	100		
61	1291.5	119.3	221.5#
63	12455.9	107.4	199.6#

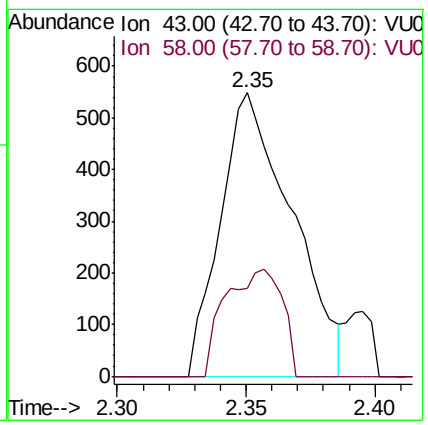


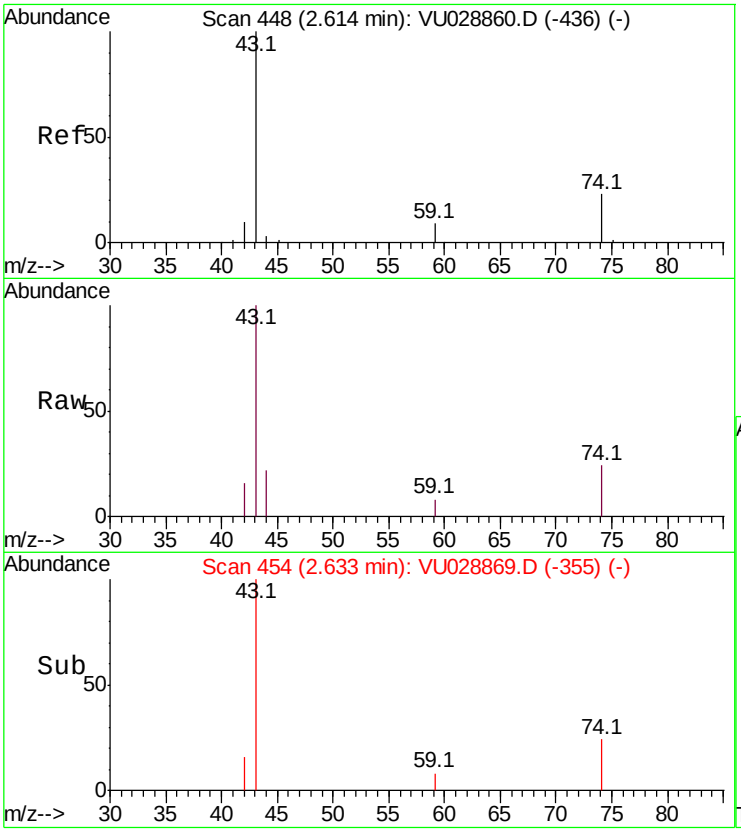


#13
Acetone
Concen: 0.930 ug/L
RT: 2.35 min Scan# 366
Delta R.T. 0.03 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 43 Resp: 1055

Ion	Ratio	Lower	Upper
43	100		
58	10.9	0.0	70.2

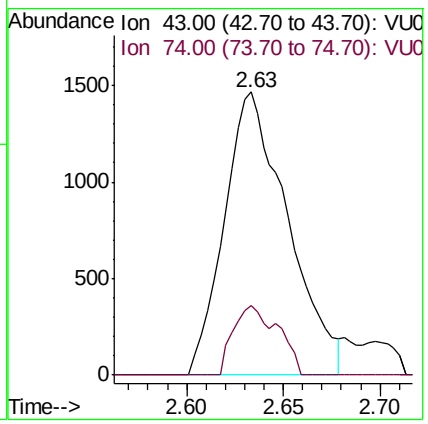


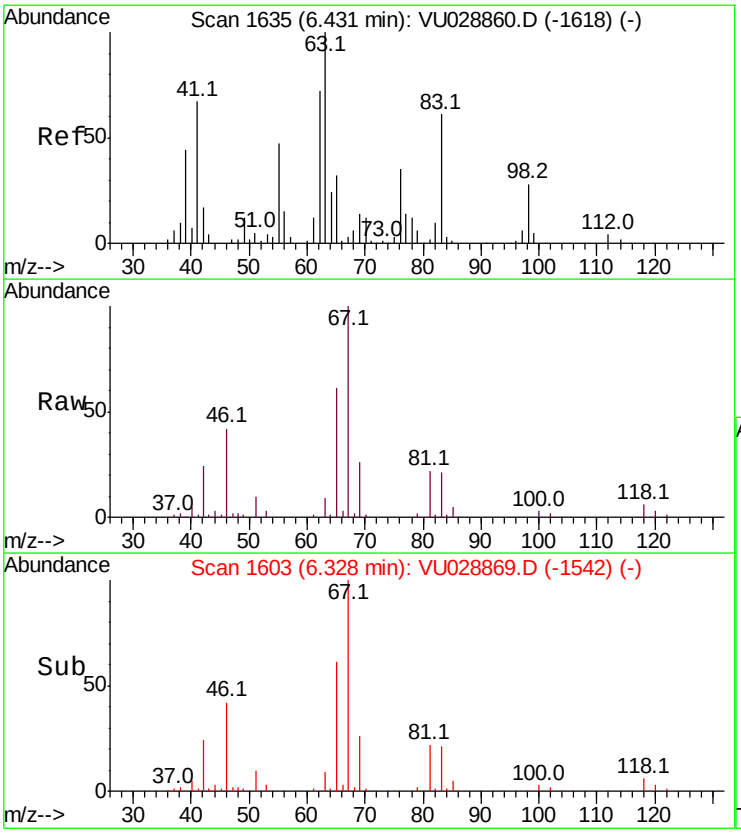


#15
Methyl Acetate
Concen: 1.890 ug/L
RT: 2.63 min Scan# 454
Delta R.T. 0.02 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 43 Resp: 3341

Ion	Ratio	Lower	Upper
43	100		
74	12.6	19.0	28.4#

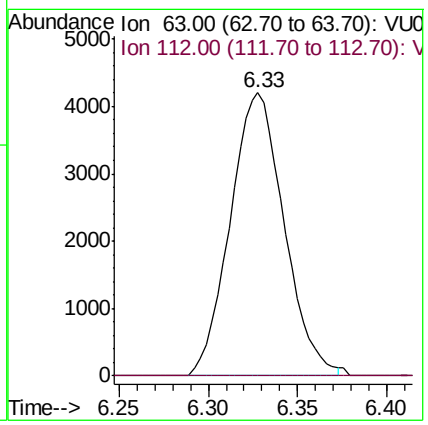


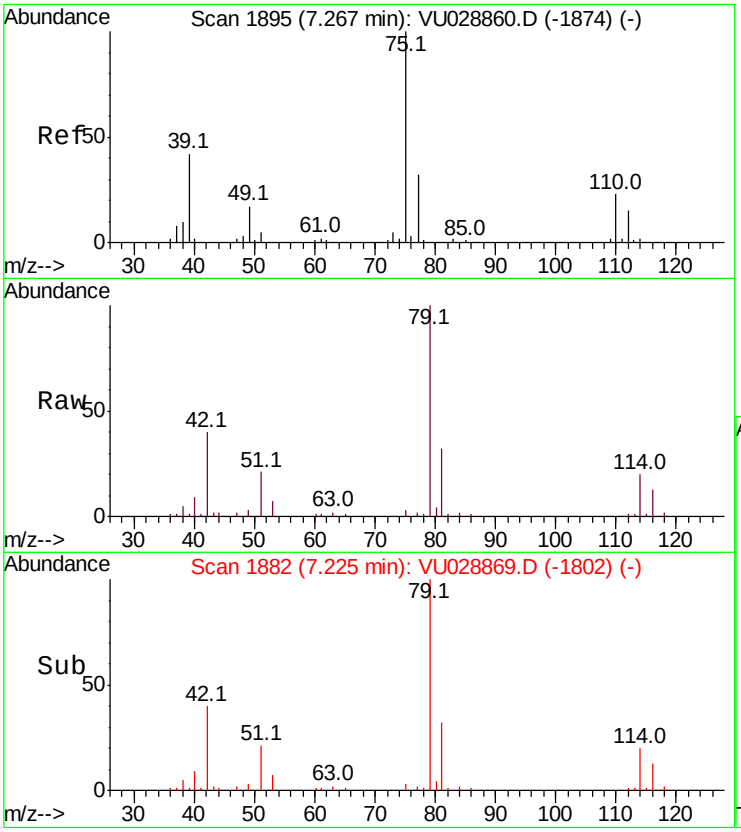


#37
1,2-Dichloropropane
Concen: 5.162 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 63 Resp: 8845

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

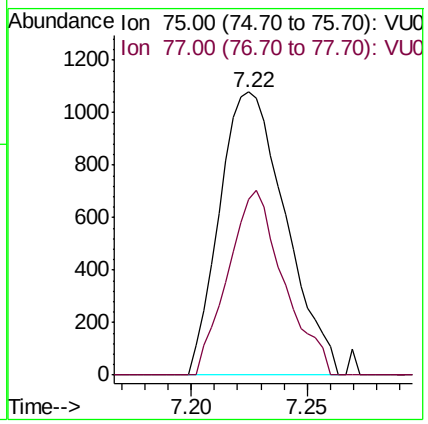


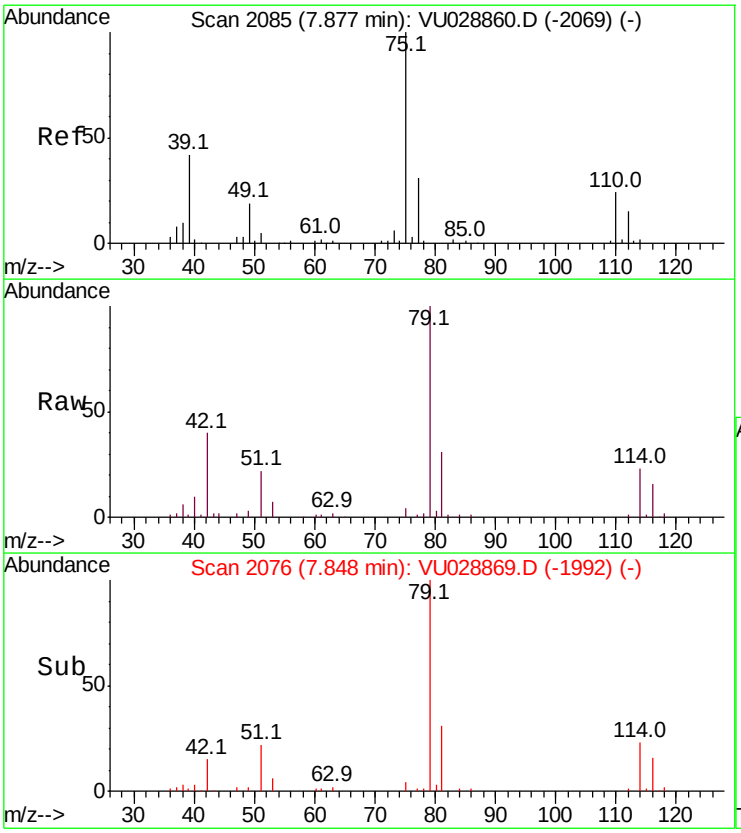


#39
cis-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 75 Resp: 2138

Ion	Ratio	Lower	Upper
75	100		
77	62.2	21.8	40.6#

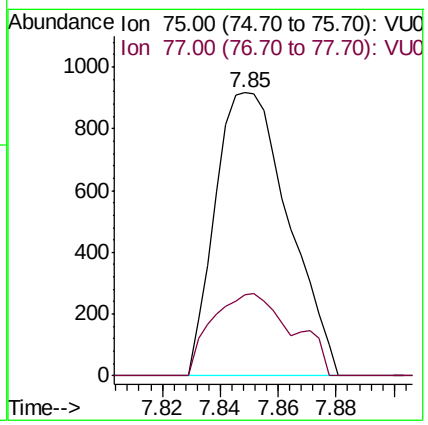


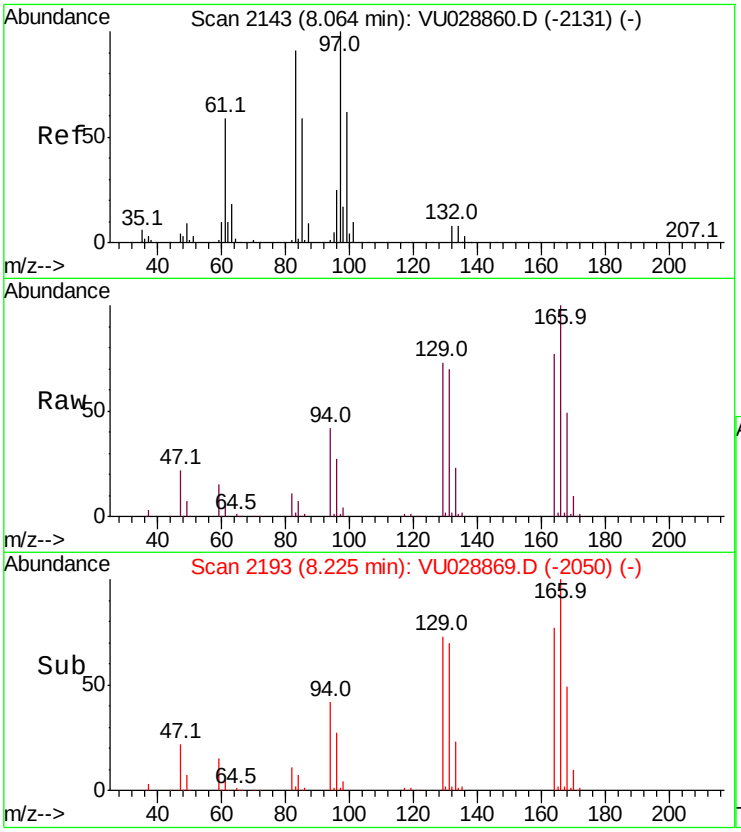


#44
trans-1,3-Dichloropropene
Concen: 0.737 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 75 Resp: 1604

Ion	Ratio	Lower	Upper
75	100		
77	28.6	21.8	40.6

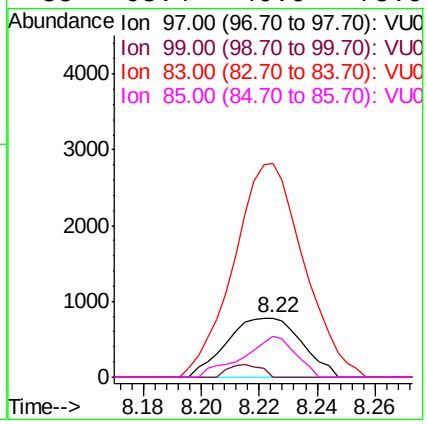


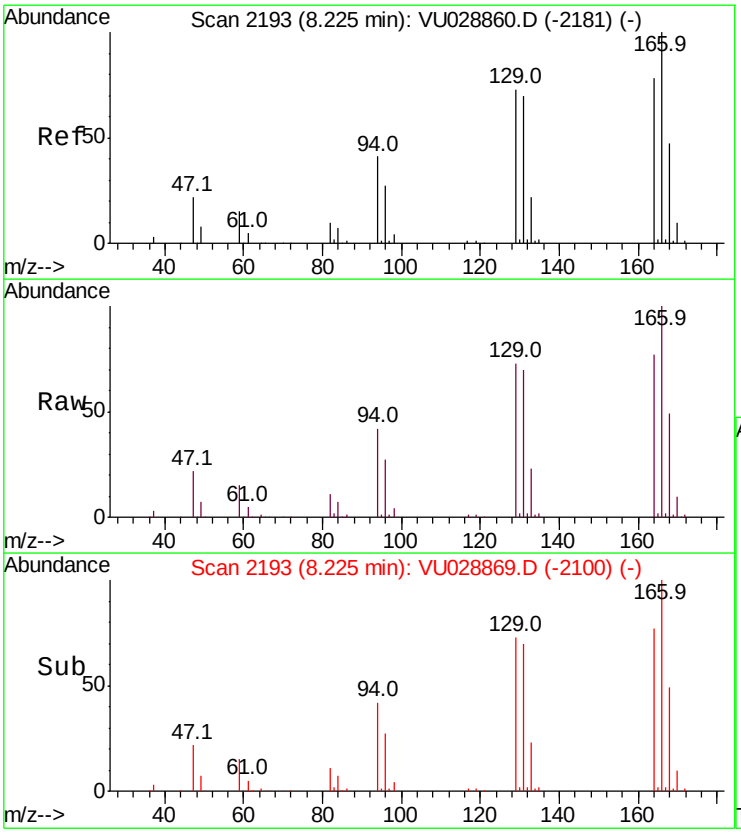


#45
1,1,2-Trichloroethane
Concen: 0.953 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.16 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 97 Resp: 1396

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	360.8	64.5	119.9#
85	68.4	40.9	75.9

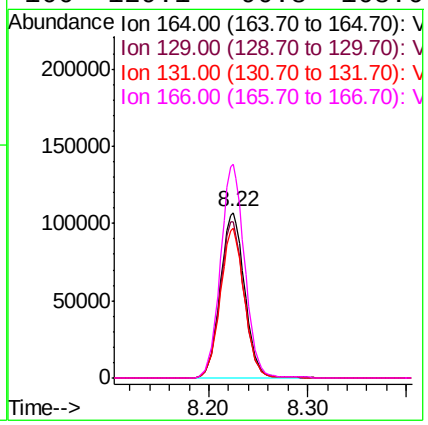


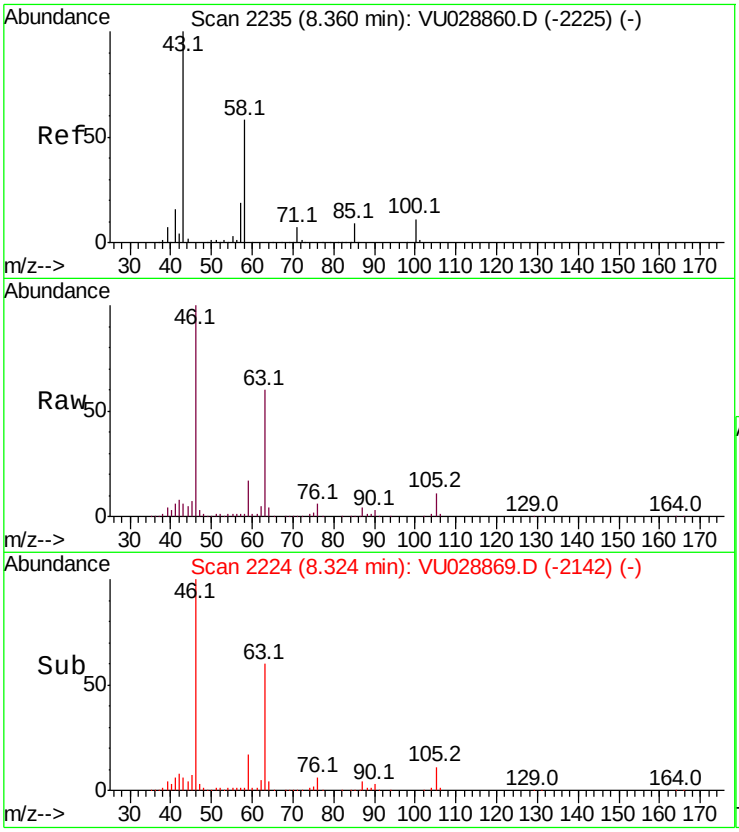


#46
Tetrachloroethene
Concen: 163.087 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion:164 Resp: 185872

Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.8	124.0
131	90.5	64.2	119.2
166	129.1	90.8	168.6

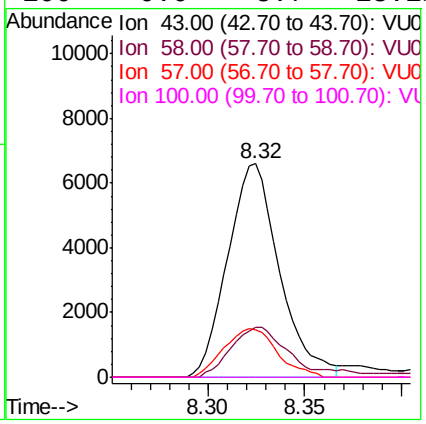


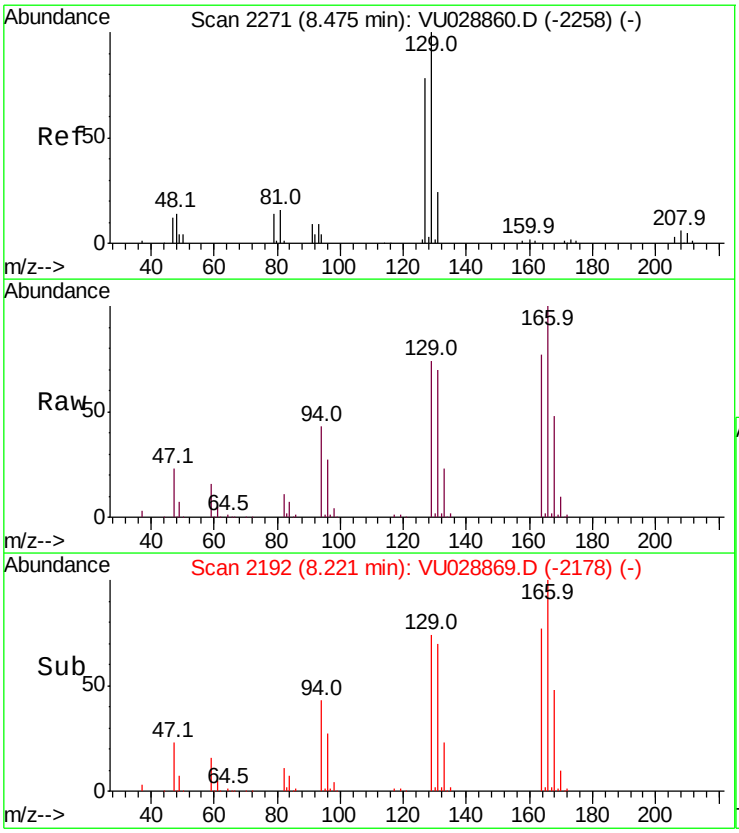


#48
2-Hexanone
Concen: 6.513 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 43 Resp: 12311

Ion	Ratio	Lower	Upper
43	100		
58	24.6	45.9	68.9#
57	23.5	15.0	22.4#
100	0.0	8.7	13.1#

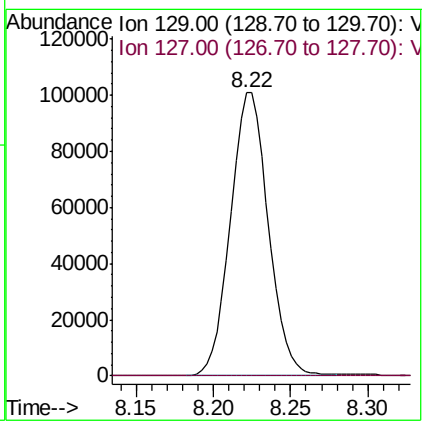


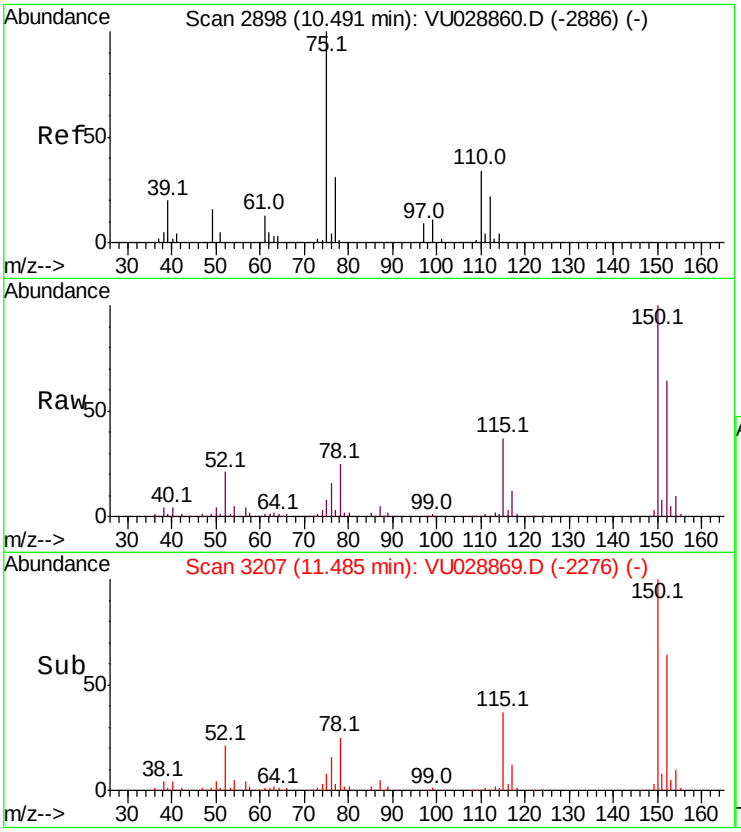


#49
Dibromochloromethane
Concen: 117.675 ug/L
RT: 8.22 min Scan# 2192
Delta R.T. -0.25 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion:129 Resp: 171716

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 5.746 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028869.D
Acq: 21 Dec 2018 13:21

Tgt Ion: 75 Resp: 11748

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3