Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028875.D
Acq On : 21 Dec 2018 15:47
Operator : MD/SY
Sample : J6506-19DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 21 23:32:13 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	191044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73923	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55080	35.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.92%			
7) Chloroethane-d5	1.67	69	48536	41.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.06%			
11) 1,1-Dichloroethene-d2	2.27	63	74907	29.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.16%#			
21) 2-Butanone-d5	4.18	46	125526	116.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.98%			
24) Chloroform-d	4.65	84	109909	45.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.28%			
26) 1,2-Dichloroethane-d4	5.31	65	71593	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.44%			
32) Benzene-d6	5.34	84	231839	46.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.74%			
36) 1,2-Dichloropropane-d6	6.33	67	83789	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.66%			
41) Toluene-d8	7.56	98	196252	43.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.62%			
43) trans-1,3-Dichloropropene-	7.85	79	35644	46.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.66%			
47) 2-Hexanone-d5	8.31	63	95983	118.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.97%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122620	52.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	73565	49.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2191	1.034	ug/L	97
8) Chloroethane	1.40	64	791	0.741	ug/L #	1
13) Acetone	2.32	43	1118	1.022	ug/L	59
20) cis-1,2-Dichloroethene	4.23	96	3805	2.531	ug/L	98
27) 1,2-Dichloroethane	5.33	62	1152	0.631	ug/L #	74
34) Trichloroethene	6.19	95	6034	4.436	ug/L	98
35) Methylcyclohexane	6.33	83	17451	7.702	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7783	4.941	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1678	0.747	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1215	0.607	ug/L	97
46) Tetrachloroethene	8.22	164	56174	53.616	ug/L	98
48) 2-Hexanone	8.31	43	10437	6.006	ug/L #	65
49) Dibromochloromethane	8.22	129	52348	39.024	ug/L #	11
53) m,p-Xylene	9.38	106	907	0.400	ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	8909	4.740	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028875.D
Acq On : 21 Dec 2018 15:47
Operator : MD/SY
Sample : J6506-19DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 21 23:32:13 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

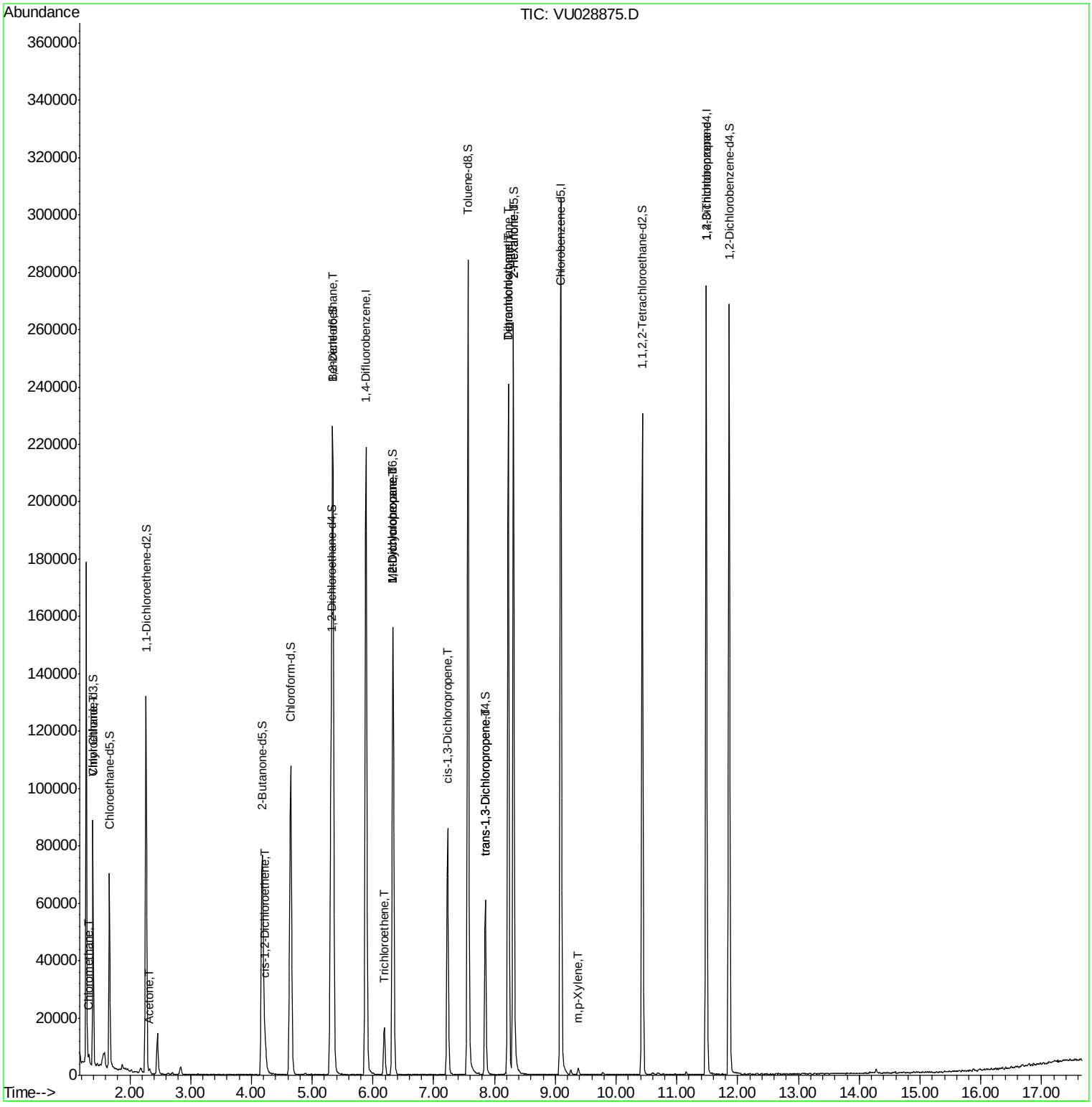
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

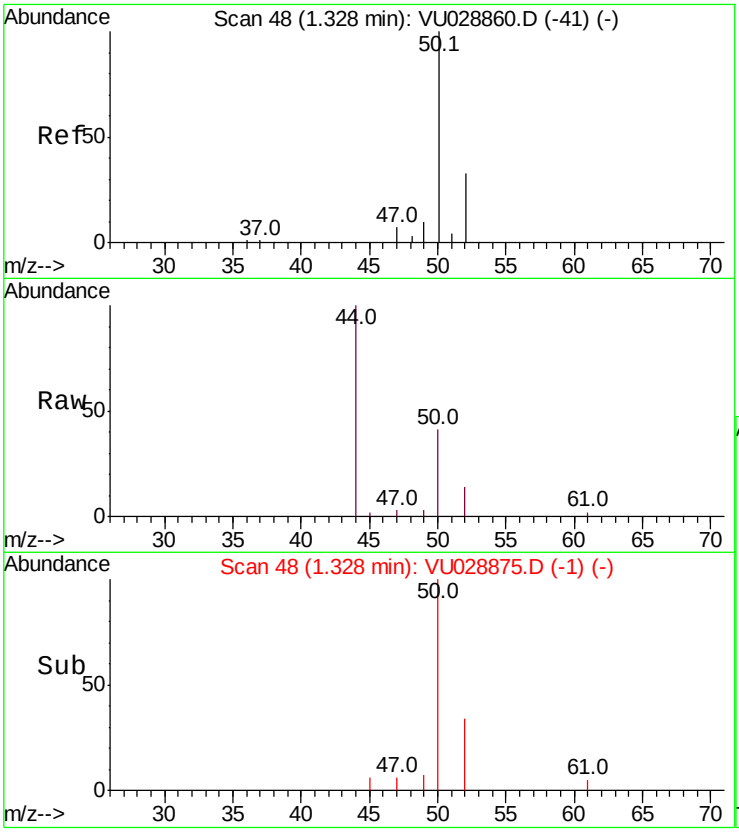
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028875.D
Acq On : 21 Dec 2018 15:47
Operator : MD/SY
Sample : J6506-19DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 21 23:32:13 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

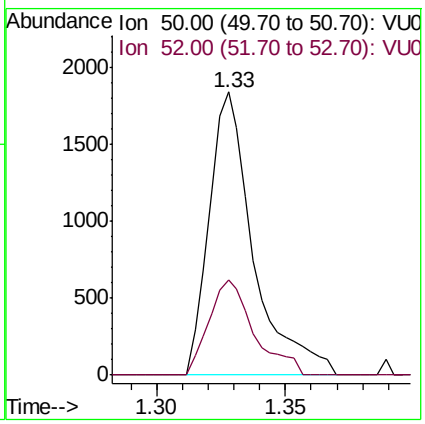


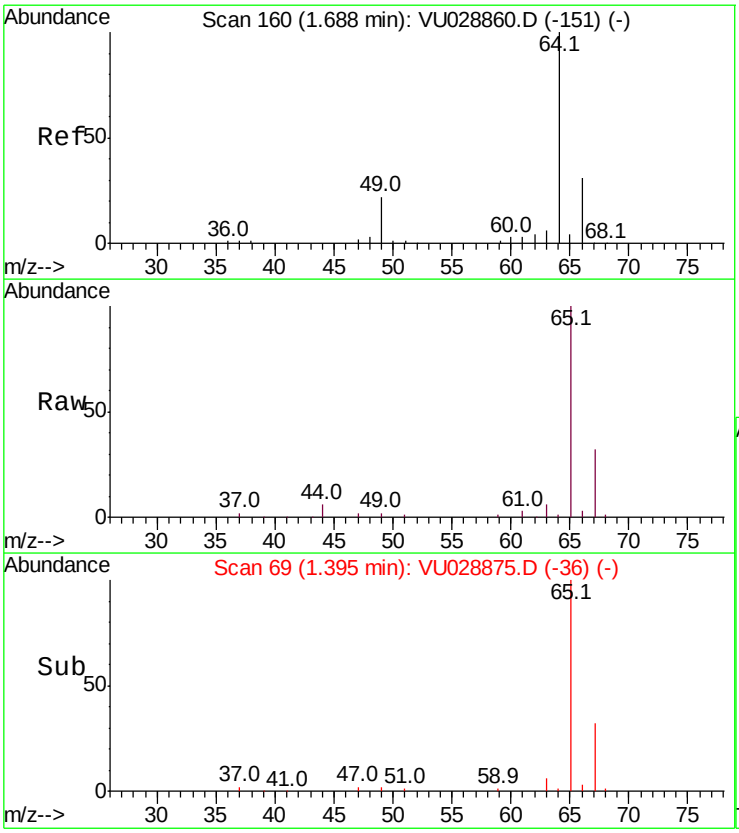


#3
Chloromethane
Concen: 1.034 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 50 Resp: 2191

Ion	Ratio	Lower	Upper
50	100		
52	33.6	22.3	41.3

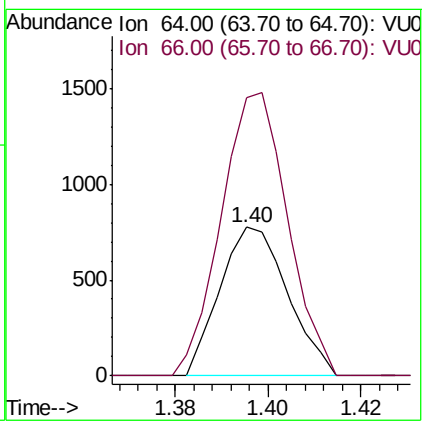


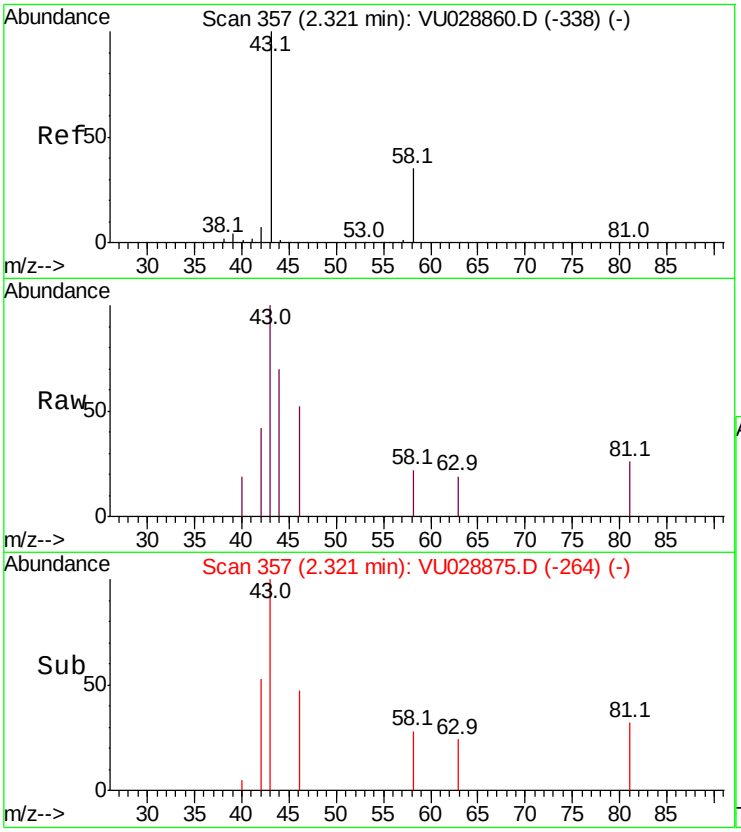


#8
Chloroethane
Concen: 0.741 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 64 Resp: 791

Ion	Ratio	Lower	Upper
64	100		
66	187.0	21.5	39.9#

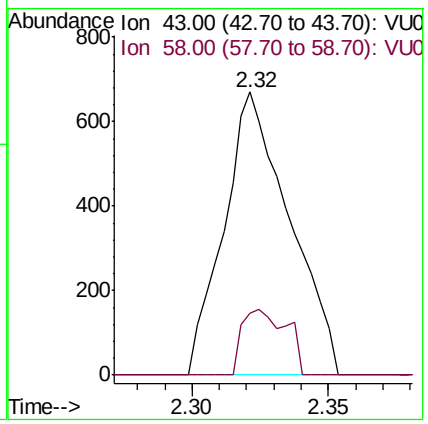


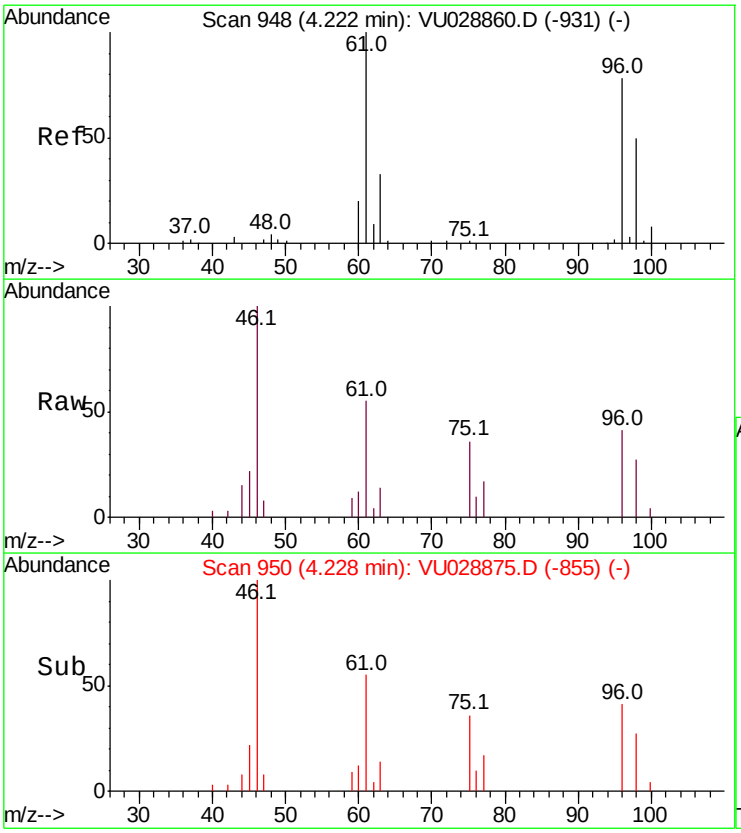


#13
Acetone
Concen: 1.022 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 43 Resp: 1118

Ion	Ratio	Lower	Upper
43	100		
58	11.5	0.0	70.2

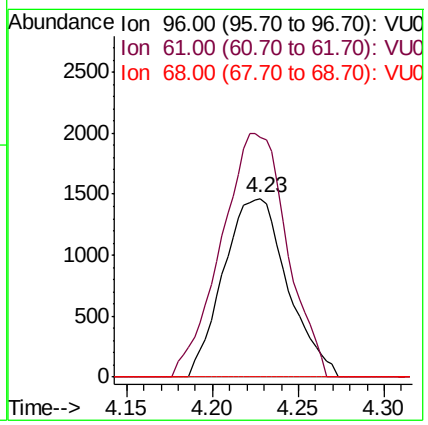


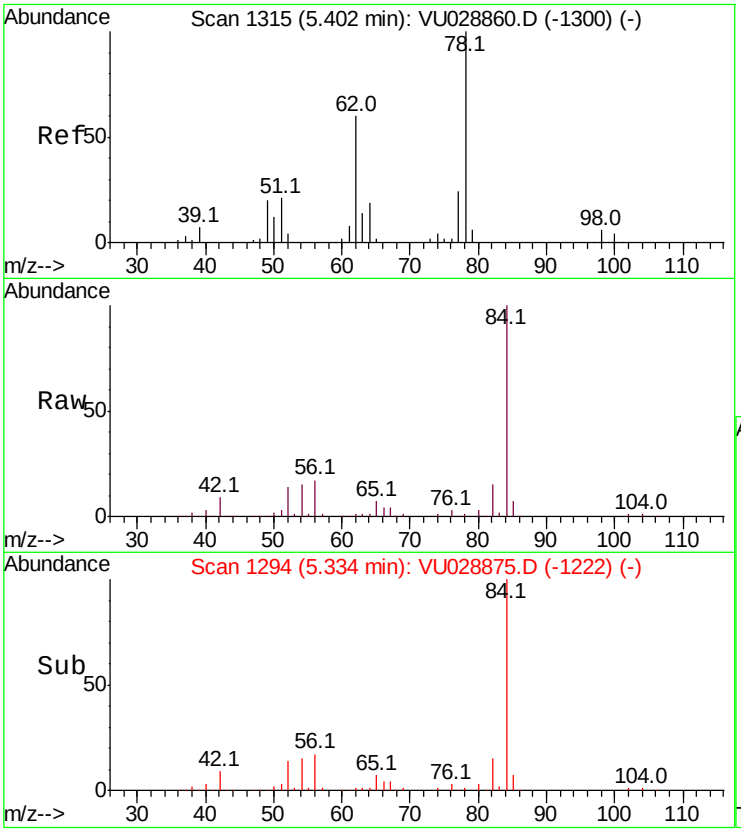


#20
cis-1,2-Dichloroethene
Concen: 2.531 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 96 Resp: 3805

Ion	Ratio	Lower	Upper
96	100		
61	134.0	92.1	171.1
68	0.0	0.0	0.0

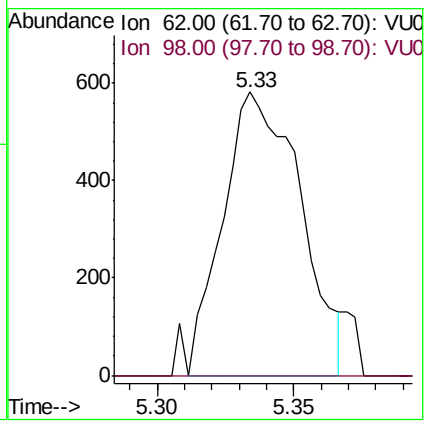


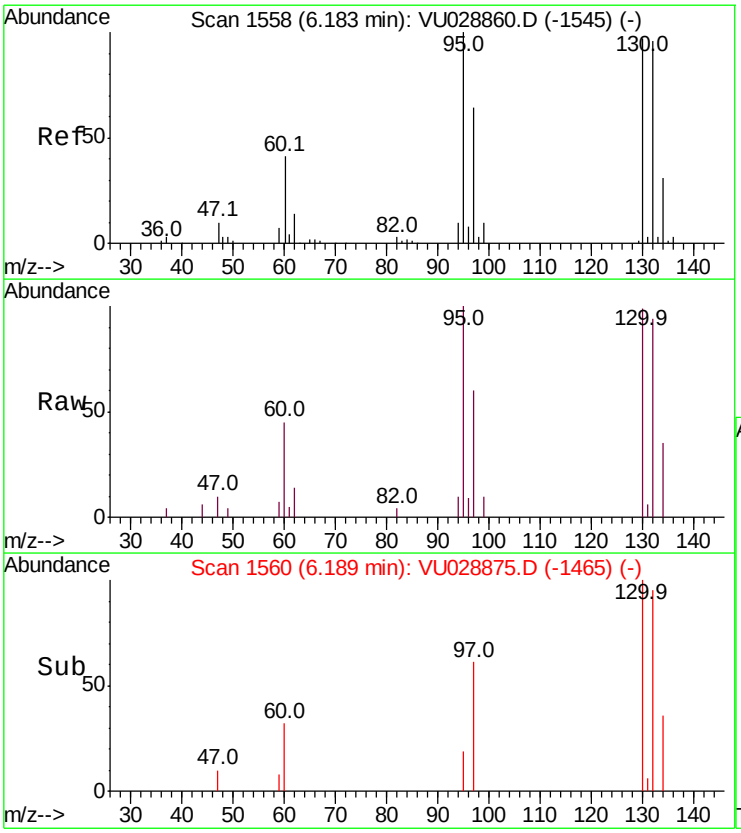


#27
1,2-Dichloroethane
Concen: 0.631 ug/L
RT: 5.33 min Scan# 1294
Delta R.T. -0.07 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 62 Resp: 1152

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

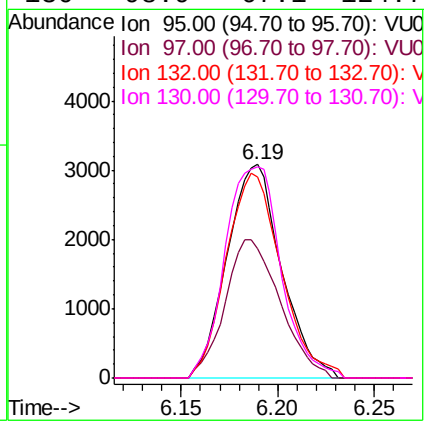


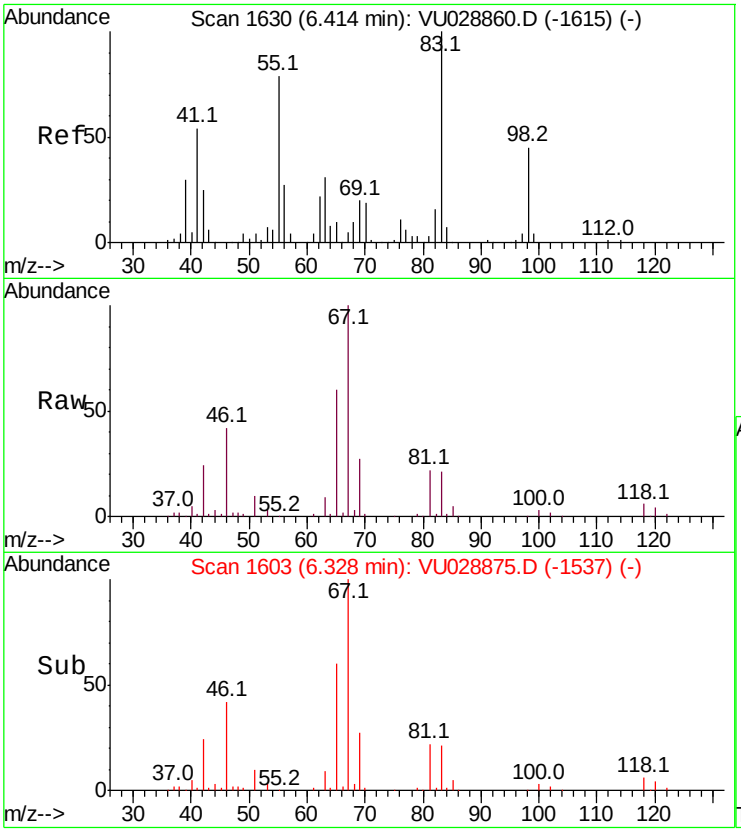


#34
Trichloroethene
Concen: 4.436 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 95 Resp: 6034

Ion	Ratio	Lower	Upper
95	100		
97	60.4	43.3	80.3
132	93.9	64.2	119.2
130	98.9	67.1	124.7

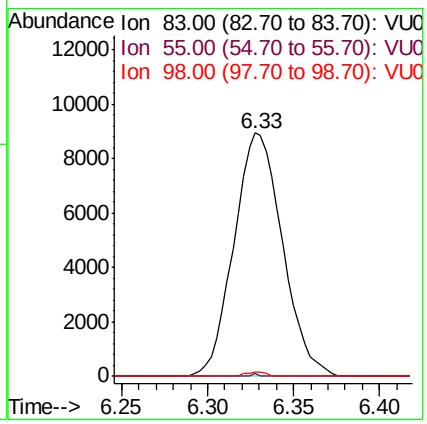


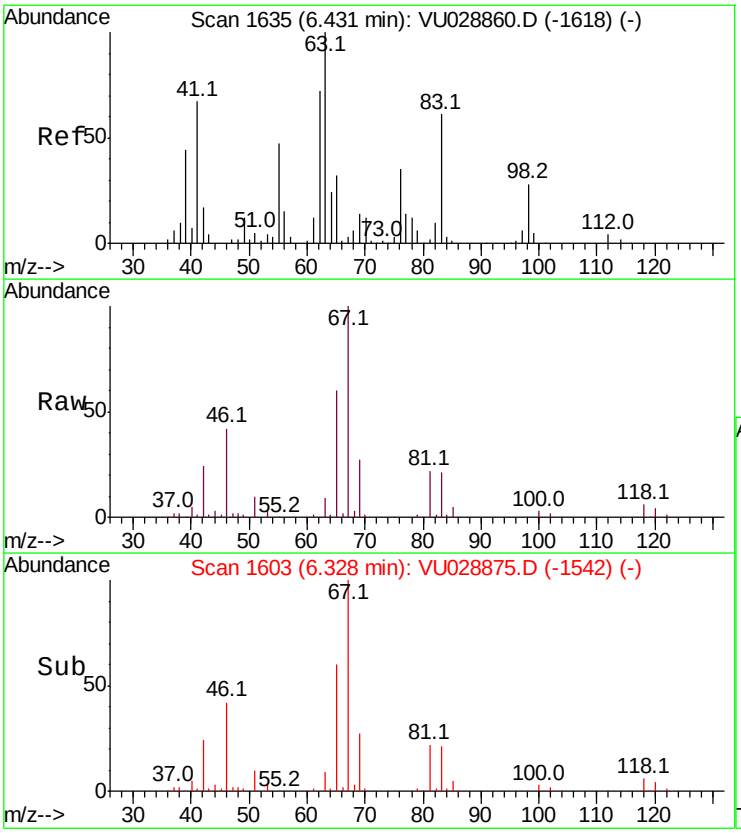


#35
Methylcyclohexane
Concen: 7.702 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 83 Resp: 17451

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.8	35.6	53.4#

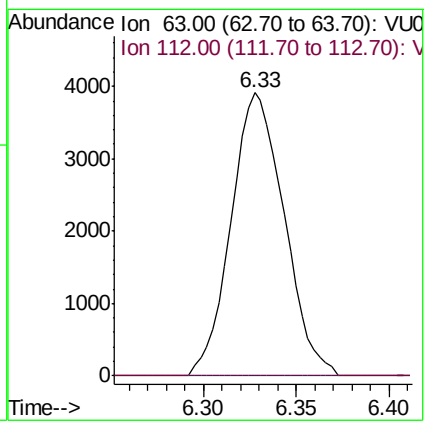


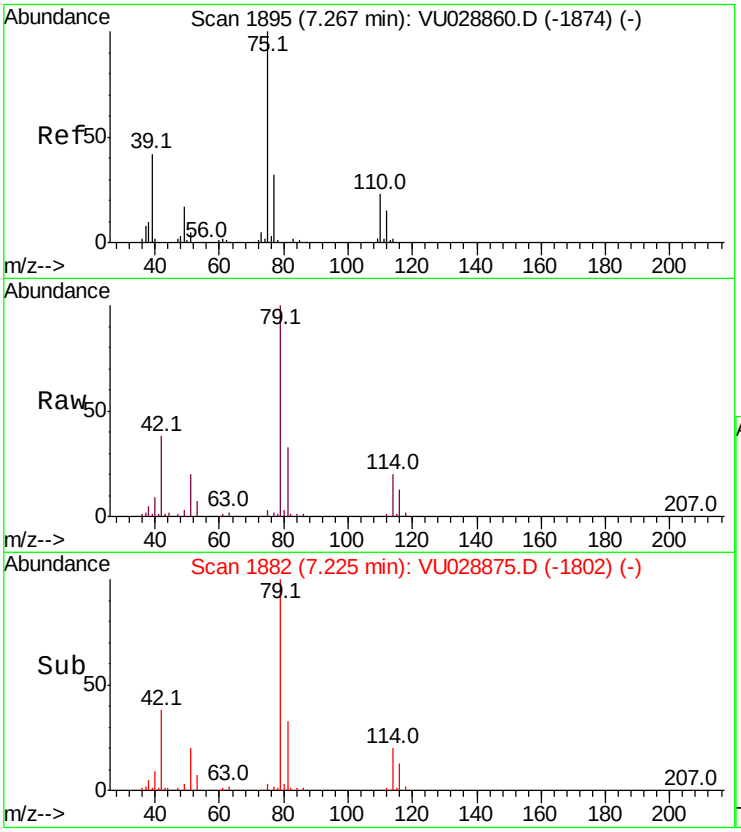


#37
1,2-Dichloropropane
Concen: 4.941 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 63 Resp: 7783

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

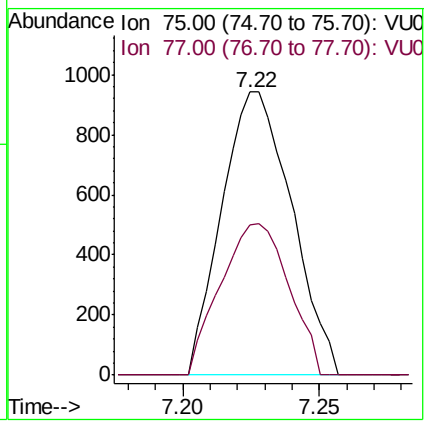


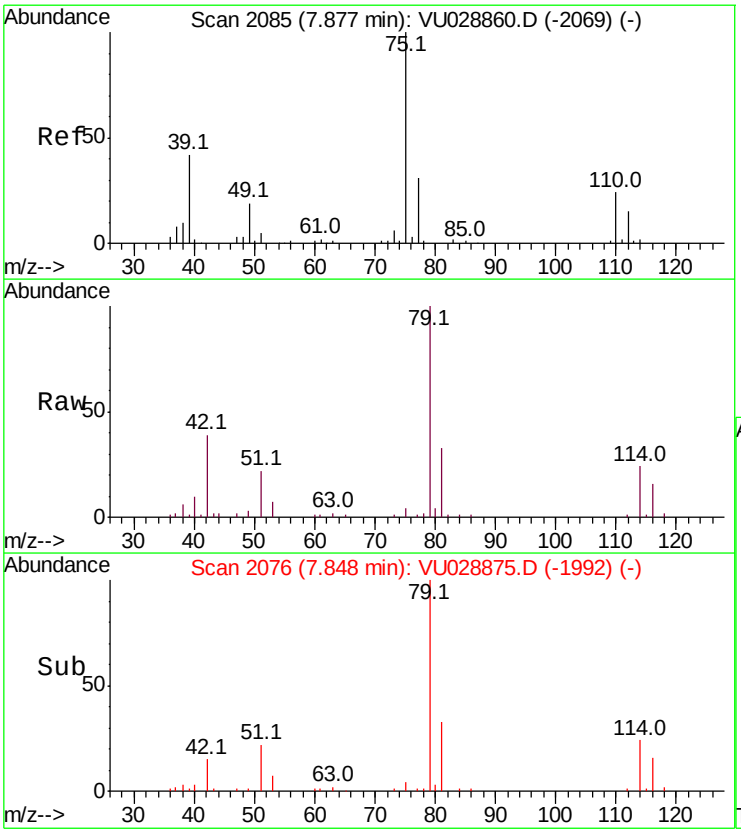


#39
cis-1,3-Dichloropropene
Concen: 0.747 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 75 Resp: 1678

Ion	Ratio	Lower	Upper
75	100		
77	52.9	21.8	40.6#

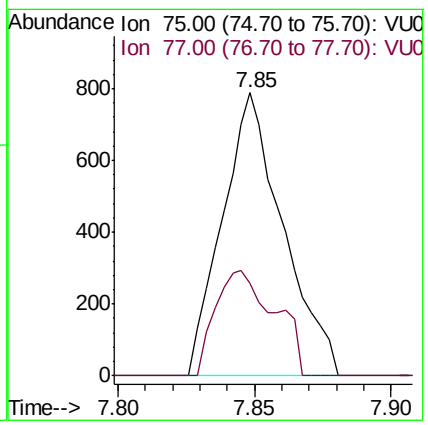


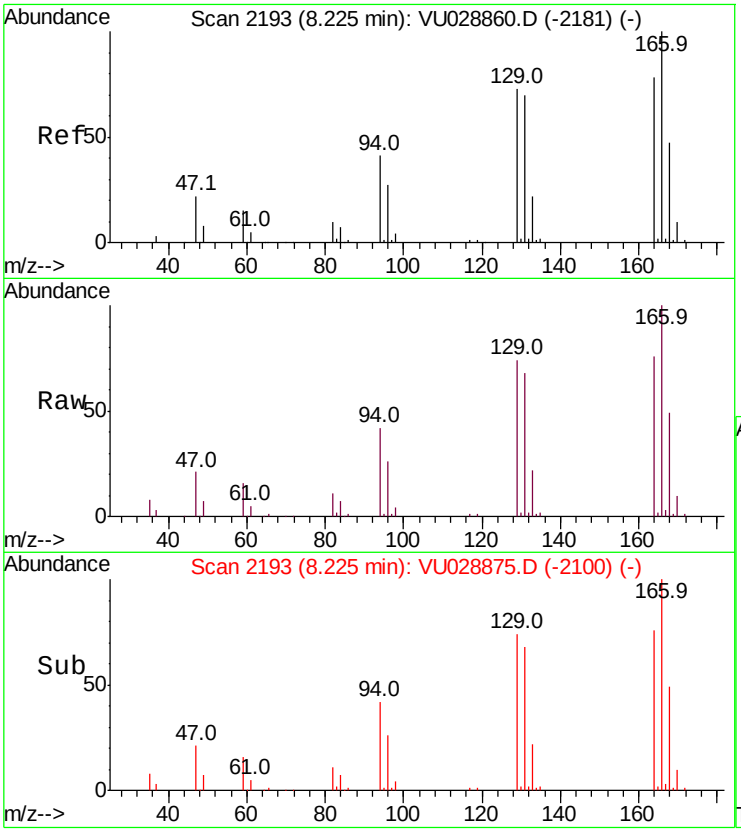


#44
trans-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 75 Resp: 1215

Ion	Ratio	Lower	Upper
75	100		
77	32.7	21.8	40.6

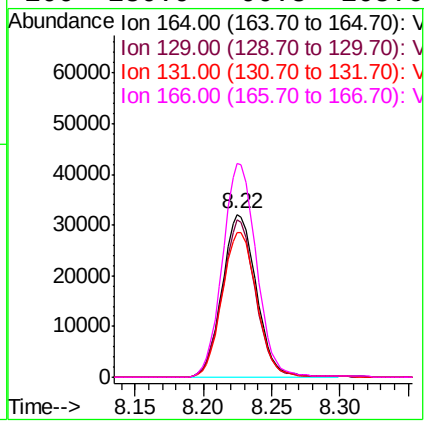


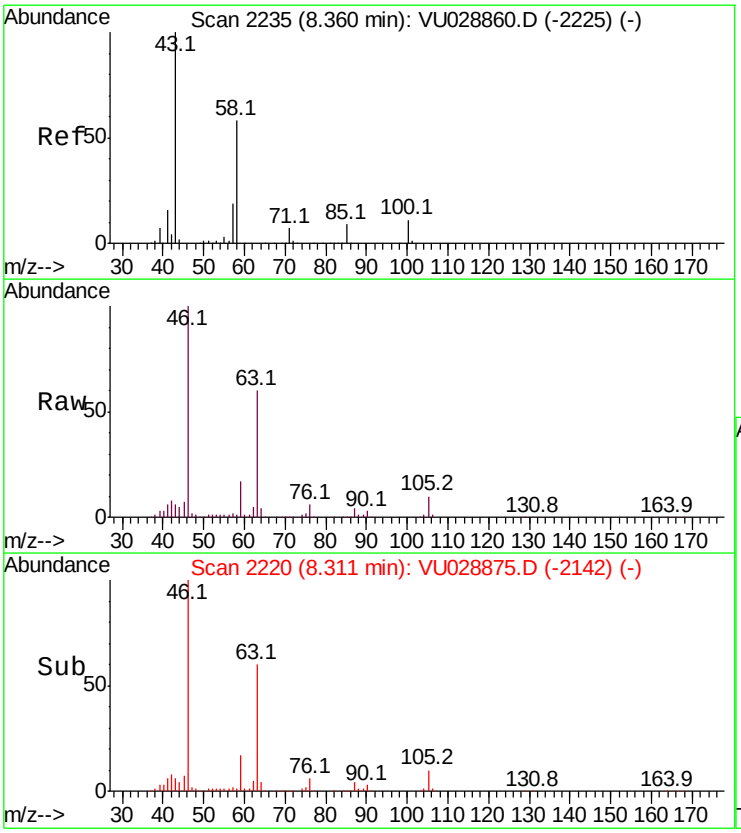


#46
Tetrachloroethene
Concen: 53.616 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion:164 Resp: 56174

Ion	Ratio	Lower	Upper
164	100		
129	96.6	66.8	124.0
131	88.7	64.2	119.2
166	130.9	90.8	168.6

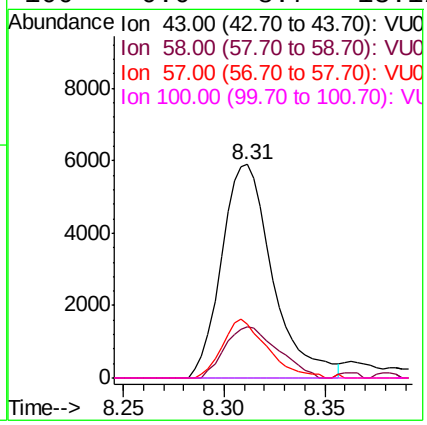


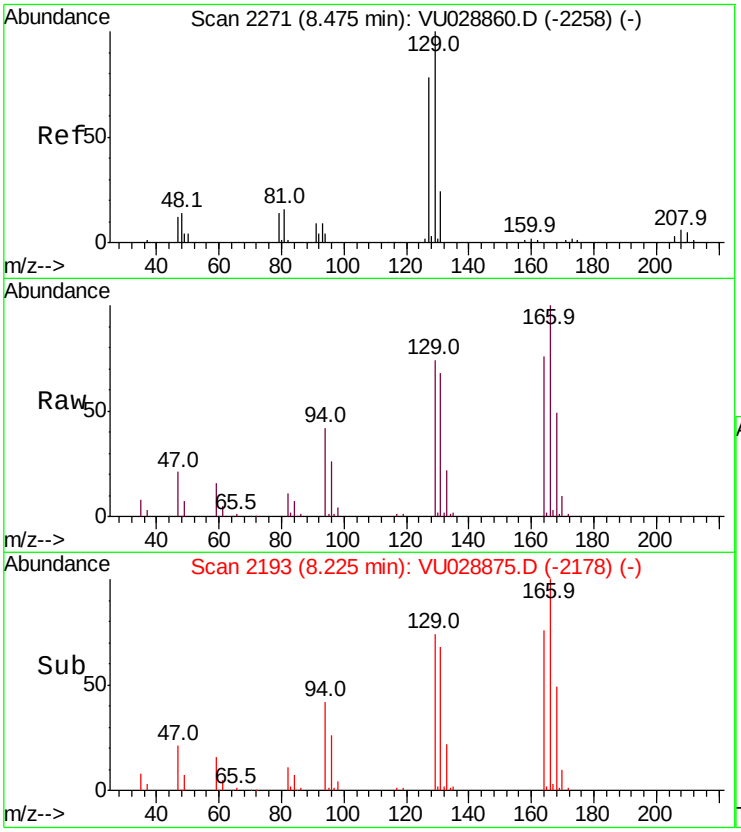


#48
2-Hexanone
Concen: 6.006 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 43 Resp: 10437

Ion	Ratio	Lower	Upper
43	100		
58	24.7	45.9	68.9#
57	24.0	15.0	22.4#
100	0.0	8.7	13.1#

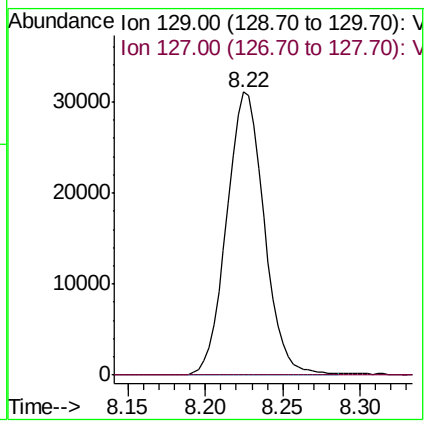


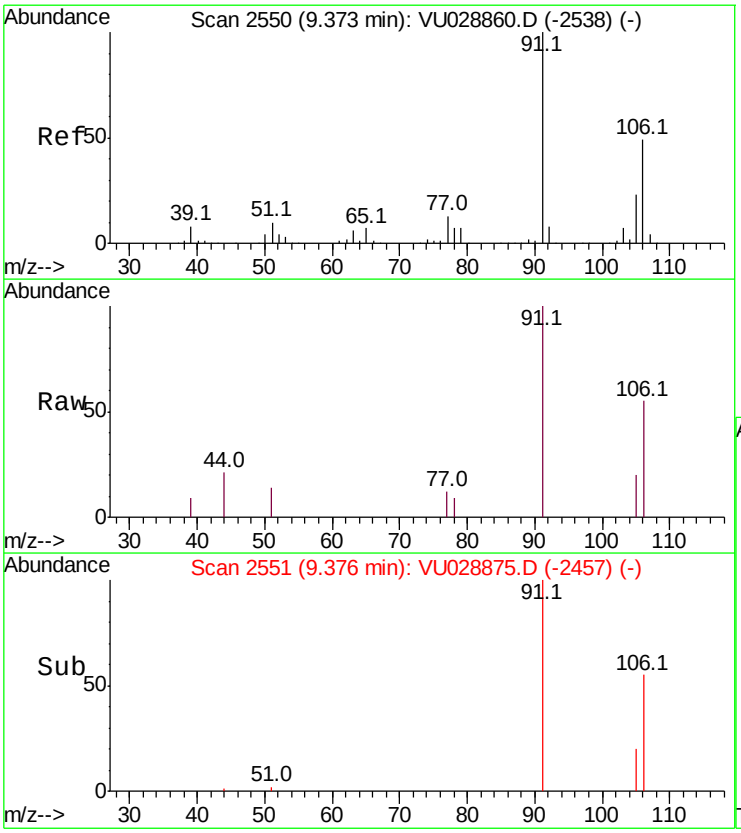


#49
Dibromochloromethane
Concen: 39.024 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion:129 Resp: 52348

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

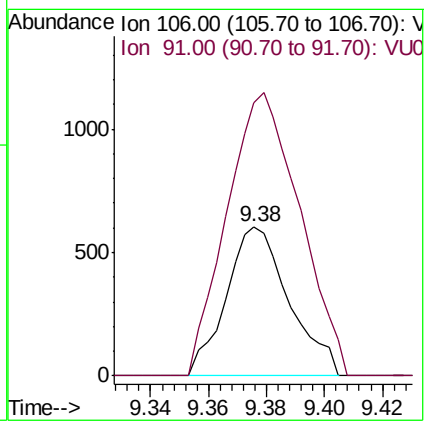


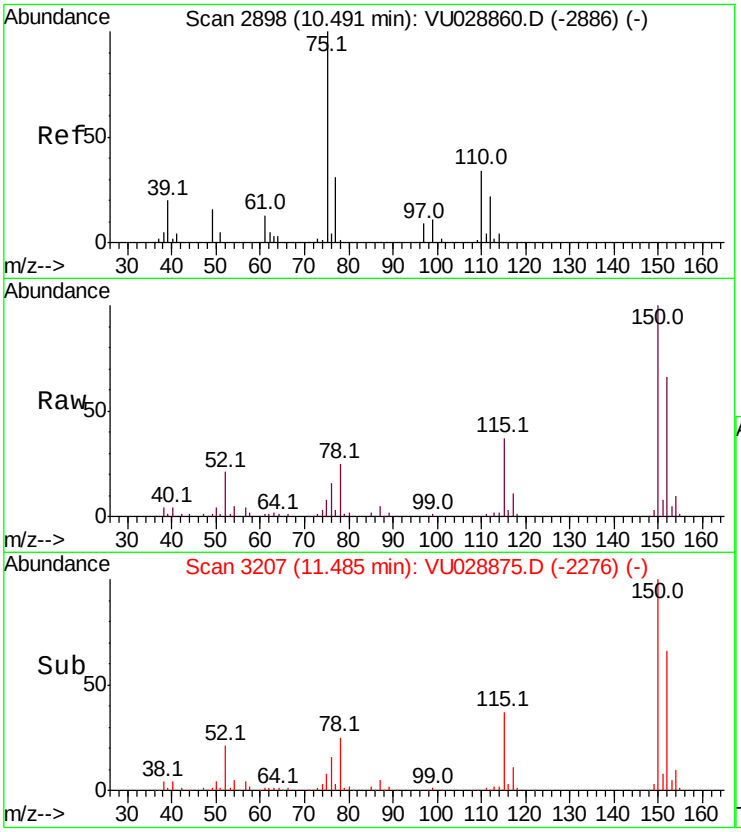


#53
m,p-Xylene
Concen: 0.400 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion:106 Resp: 907

Ion	Ratio	Lower	Upper
106	100		
91	183.1	144.1	267.5





#59
1,2,3-Trichloropropane
Concen: 4.740 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028875.D
Acq: 21 Dec 2018 15:47

Tgt Ion: 75 Resp: 8909

Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.5	38.3