Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028308.D
Acq On : 21 Nov 2018 10:41
Operator : MD/SY
Sample : J5986-21 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP8

Quant Time: Nov 21 22:36:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	171958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71935	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65712	5.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.60%			
7) Chloroethane-d5	1.68	69	50726	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.27	63	95628	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.20%			
20) 2-Butanone-d5	4.21	46	192618	44.48	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.96%			
24) Chloroform-d	4.65	84	108824	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.31	65	61850	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.34	84	220537	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.33	67	79711	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.56	98	192176	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	7.85	79	28943	5.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%			
46) 2-Hexanone-d5	8.31	63	133496	41.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	54335	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	62393	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6088	0.349	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	575	0.051	ug/L #	24
12) 1,1-Dichloroethene	2.28	96	877	0.083	ug/L #	1
13) Acetone	2.35	43	61440	20.630	ug/L	95
15) Methyl Acetate	2.56	43	65714	8.325	ug/L #	59
17) Methyl tert-butyl Ether	3.01	73	155849	4.901	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	3383	0.300	ug/L	87
19) 1,1-Dichloroethane	3.45	63	2103	0.080	ug/L #	75
22) cis-1,2-Dichloroethene	4.23	96	28922	2.170	ug/L	96
25) Chloroform	4.67	83	3653	0.129	ug/L	87
34) Trichloroethene	6.19	95	11426	0.874	ug/L	95
35) Methylcyclohexane	6.33	83	15858	0.770	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7653	0.502	ug/L #	92
39) cis-1,3-Dichloropropene	7.22	75	1949	0.101	ug/L #	71
40) 4-Methyl-2-pentanone	7.47	43	15379	1.412	ug/L #	91
42) Toluene	7.64	91	2229	0.041	ug/L	82
47) Tetrachloroethene	8.23	164	987	0.109	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028308.D
Acq On : 21 Nov 2018 10:41
Operator : MD/SY
Sample : J5986-21 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP8

Quant Time: Nov 21 22:36:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Dibromochloromethane	8.22	129	1000	0.107 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	10334	1.174 ug/L #	87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\

Quantitation Report (Not Reviewed)

Data File : VU028308.D
Acq On : 21 Nov 2018 10:41
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Sample : J5986-21 5X
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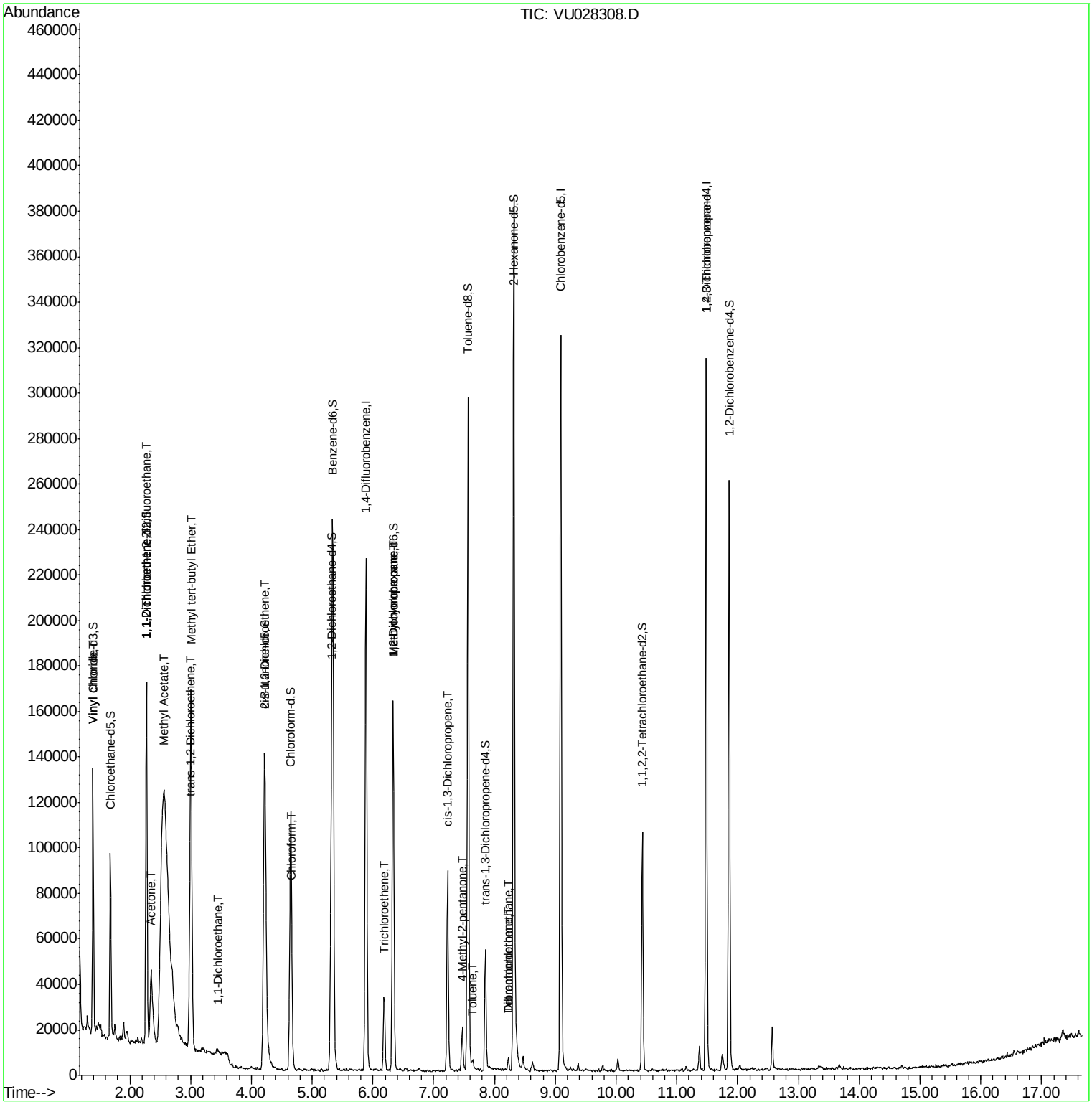
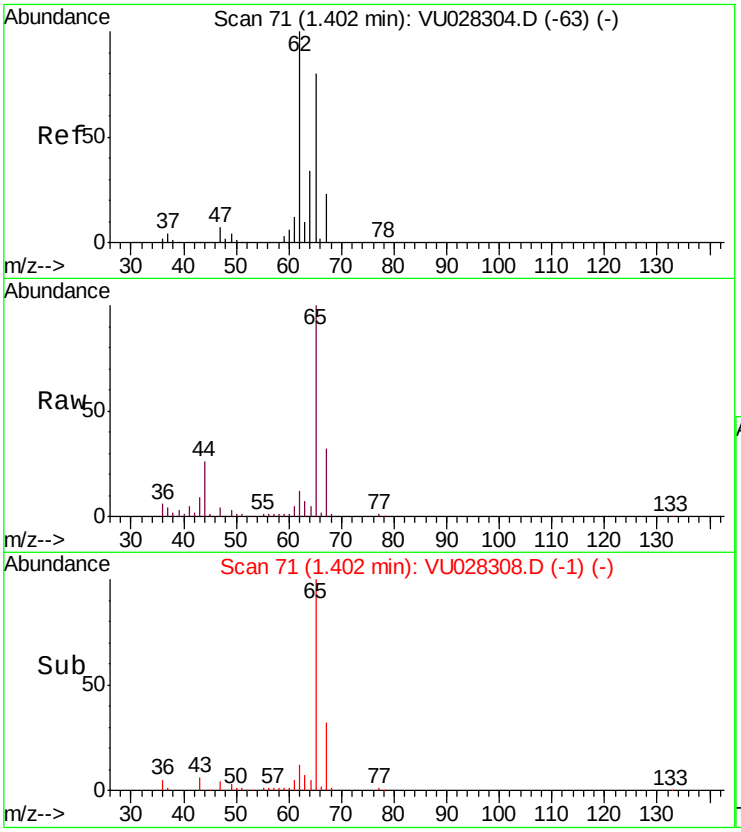
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration



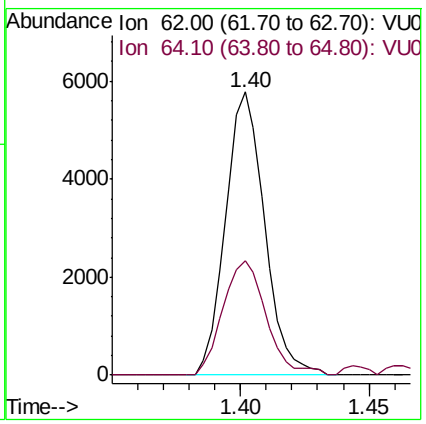


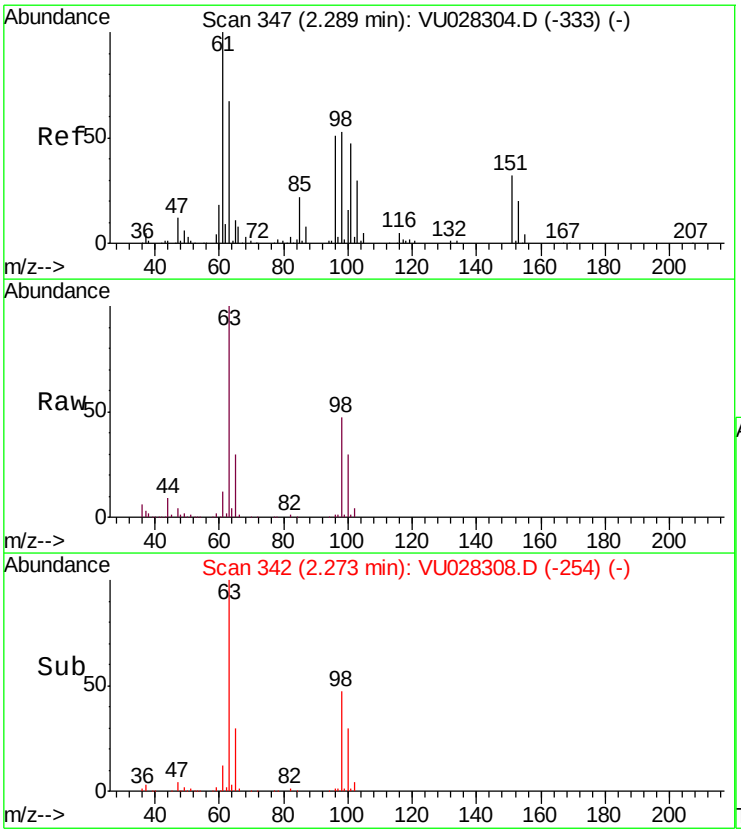
#5
Vinyl chloride
Concen: 0.349 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 62 Resp: 6088

Ion	Ratio	Lower	Upper
62	100		
64	40.6	21.7	40.3#

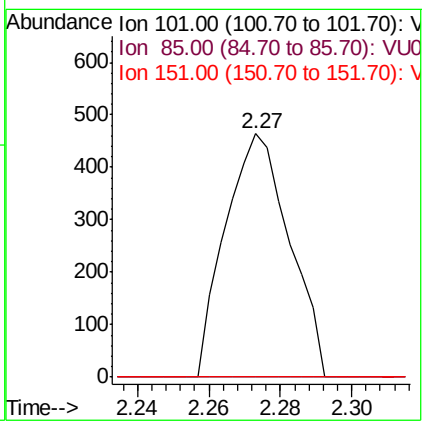


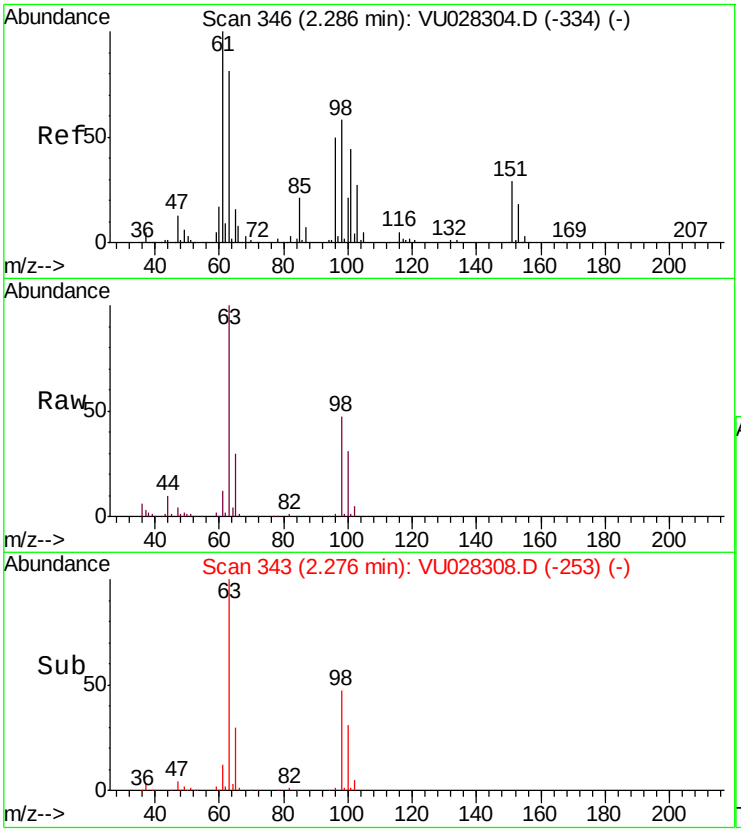


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion:101 Resp: 575

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.4	56.2#
151	3.3	55.0	82.4#



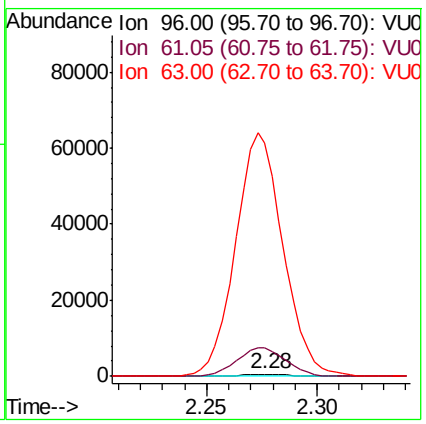


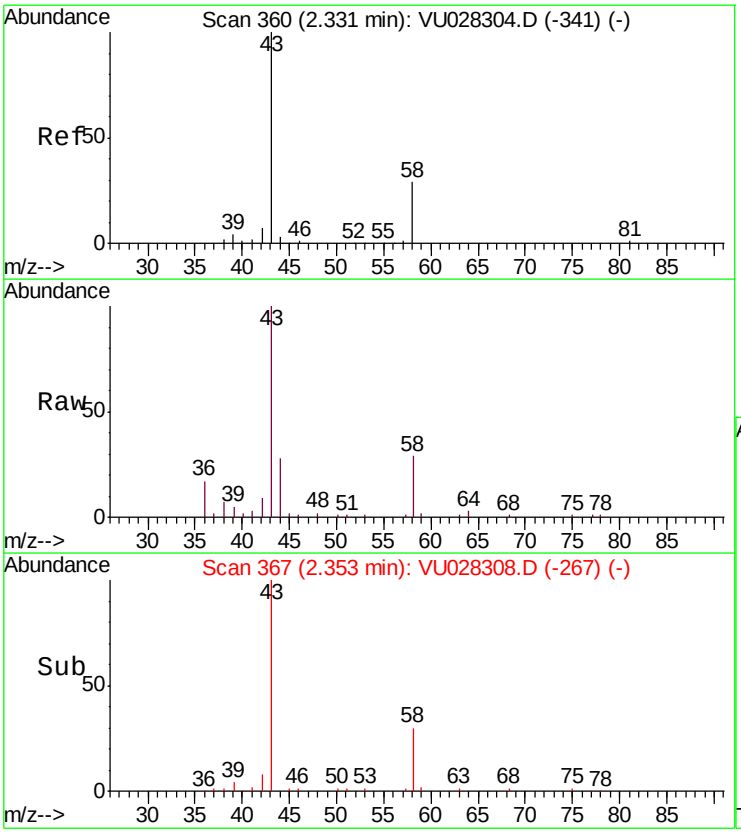
#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument : MSVOA_U
ClientSampleId : H0FP8

Tgt Ion: 96 Resp: 877

Ion	Ratio	Lower	Upper
96	100		
61	1568.7	145.5	270.1#
63	12810.0	98.6	183.2#

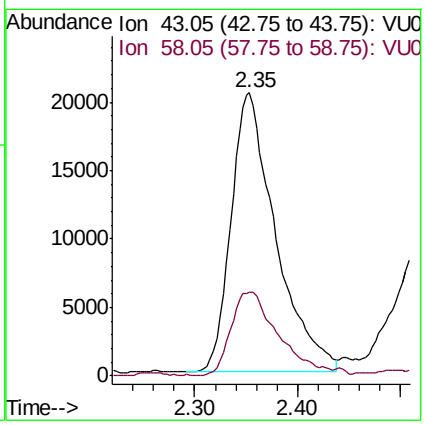


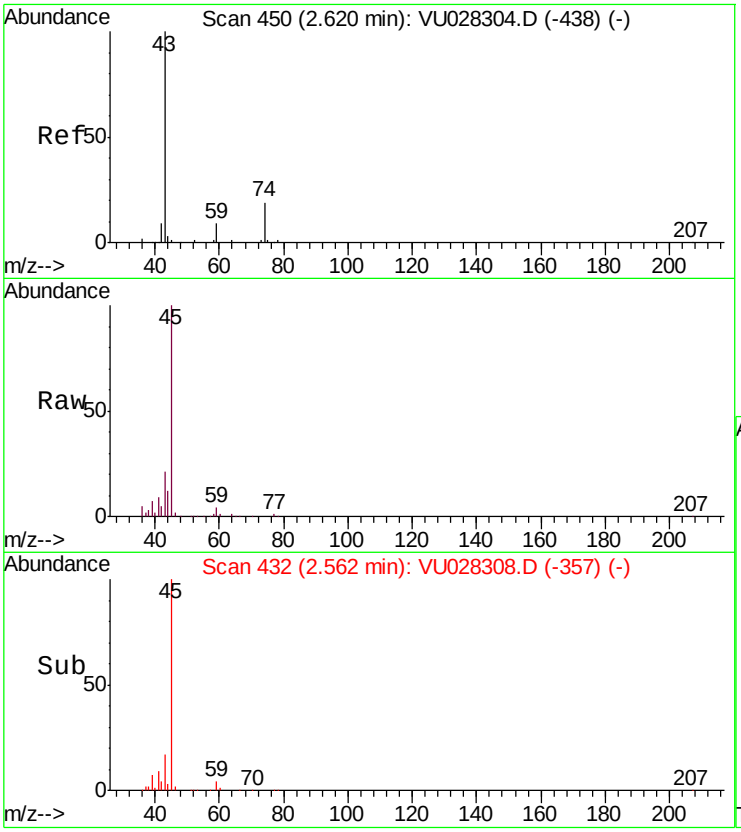


#13
Acetone
Concen: 20.630 ug/L
RT: 2.35 min Scan# 367
Delta R.T. 0.02 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 43 Resp: 61440

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	58.6



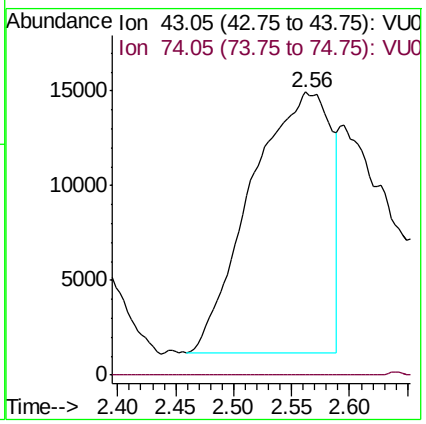


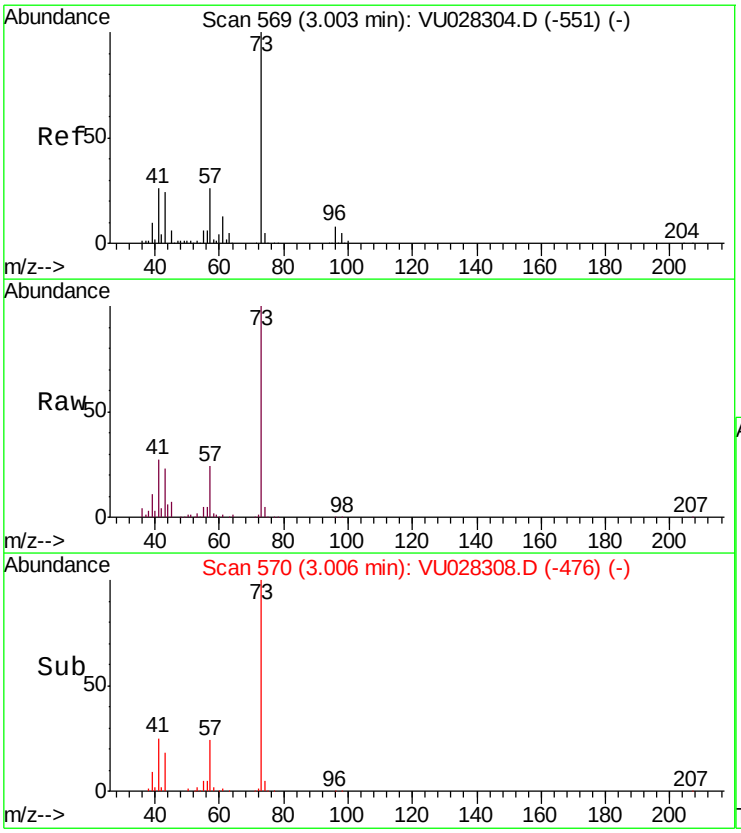
#15
Methyl Acetate
Concen: 8.325 ug/L
RT: 2.56 min Scan# 432
Delta R.T. -0.06 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 43 Resp: 65714

Ion	Ratio	Lower	Upper
43	100		
74	0.2	14.7	22.1#

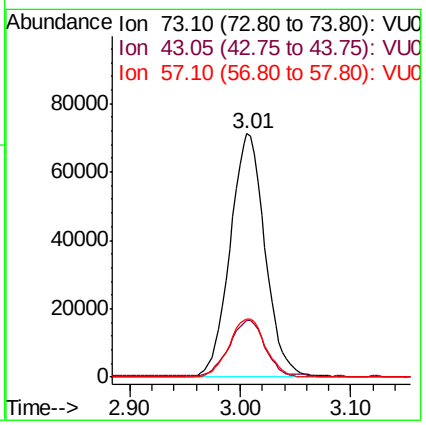


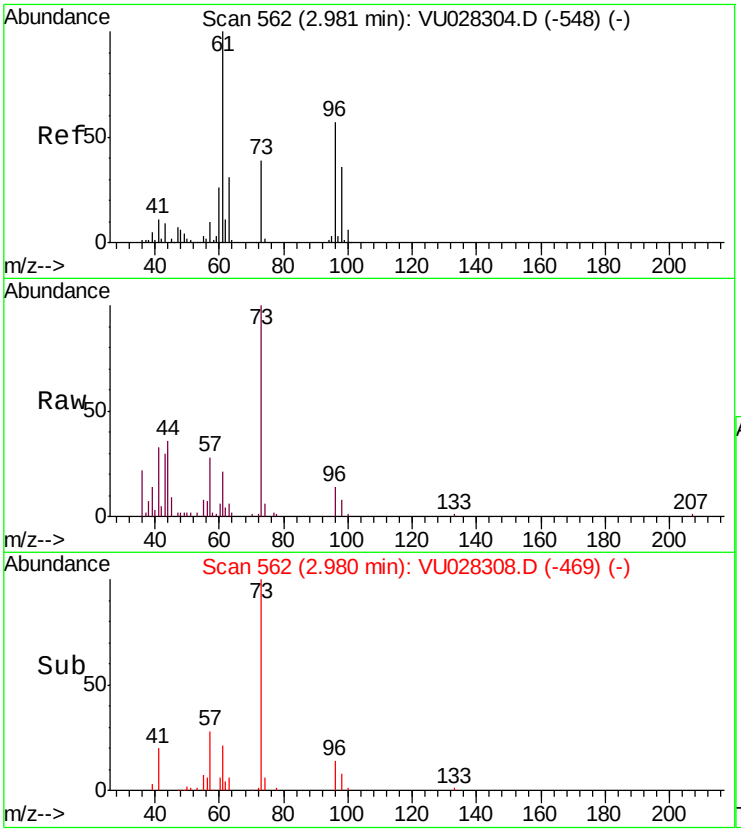


#17
Methyl tert-butyl Ether
Concen: 4.901 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 73 Resp: 155849

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.8	28.2
57	25.0	19.2	28.8



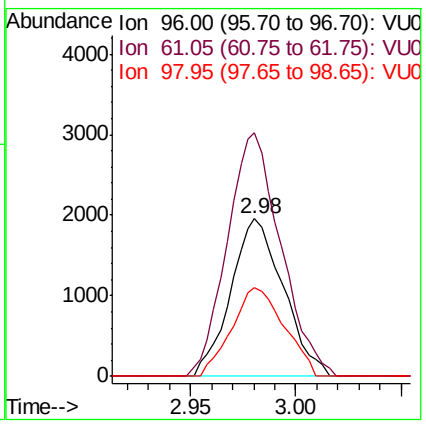


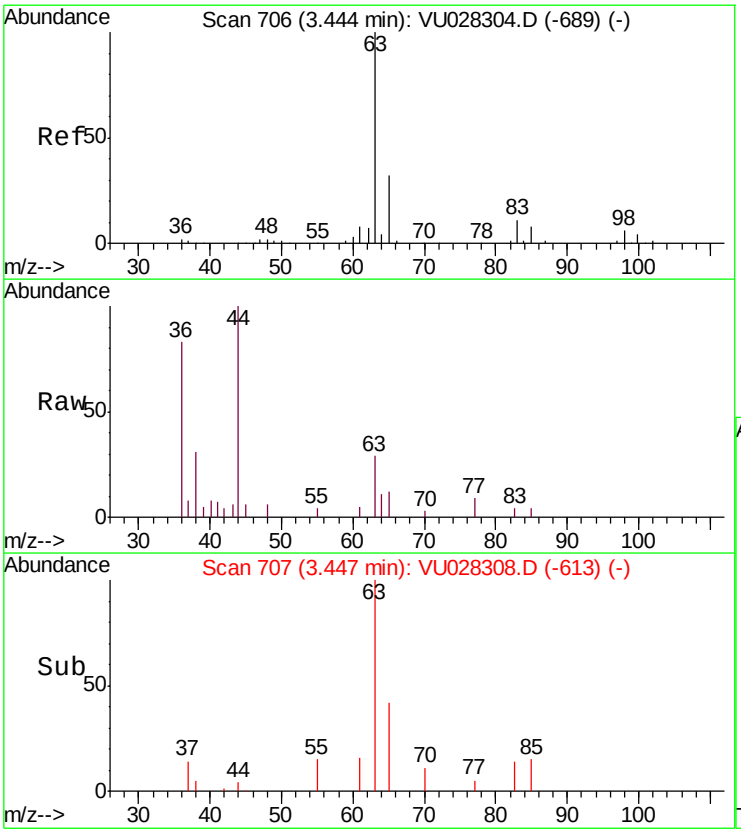
#18
trans-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument : MSVOA_U
ClientSampleId : H0FP8

Tgt Ion: 96 Resp: 3383

Ion	Ratio	Lower	Upper
96	100		
61	154.3	122.2	227.0
98	56.1	44.9	83.5

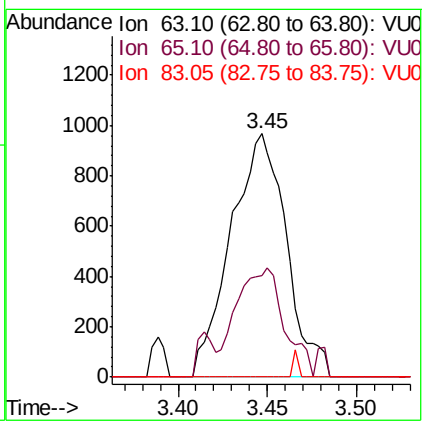


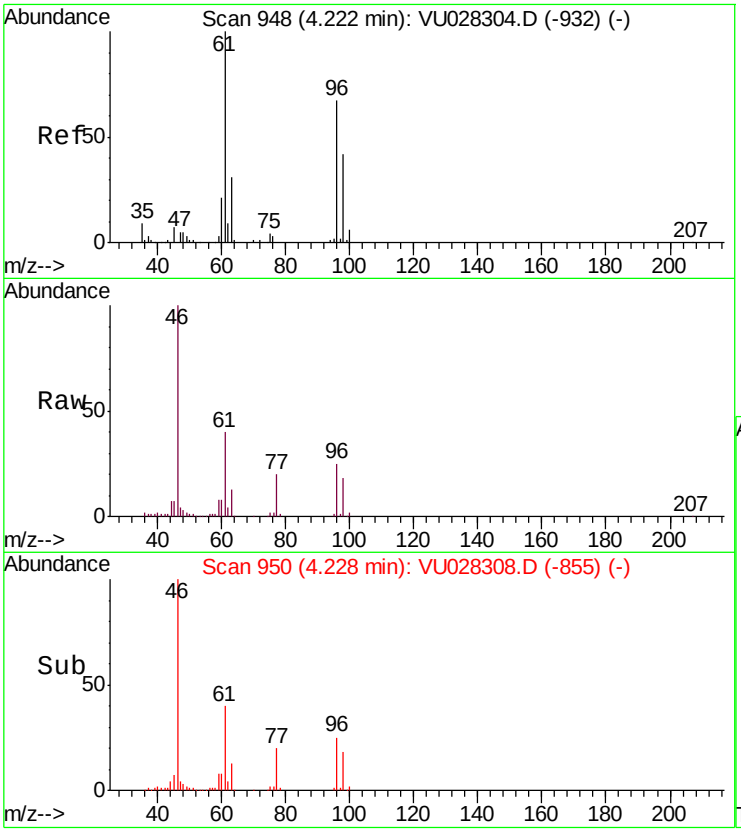


#19
1,1-Dichloroethane
Concen: 0.080 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 63 Resp: 2103

Ion	Ratio	Lower	Upper
63	100		
65	41.9	21.2	39.4#
83	0.0	8.8	16.4#



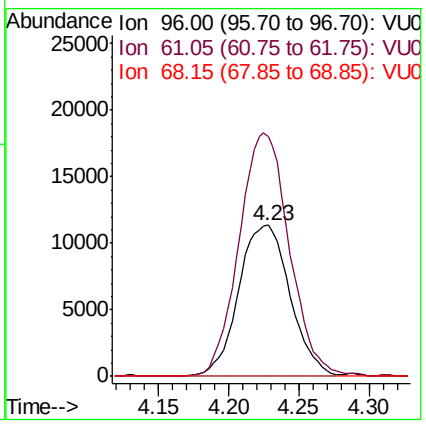


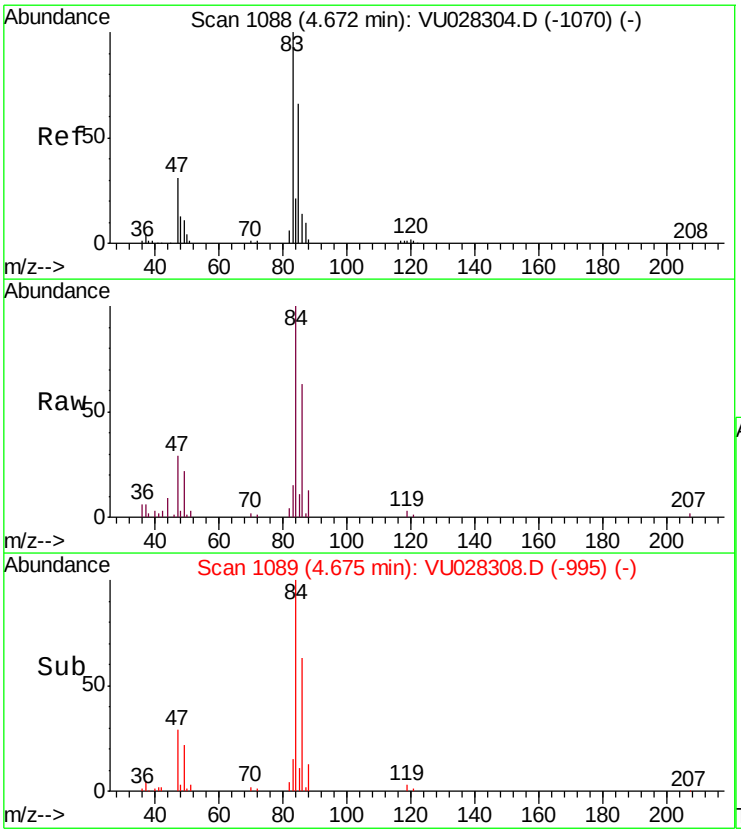
#22
cis-1,2-Dichloroethene
Concen: 2.170 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 96 Resp: 28922

Ion	Ratio	Lower	Upper
96	100		
61	159.1	108.0	200.6
68	0.0	0.0	0.0

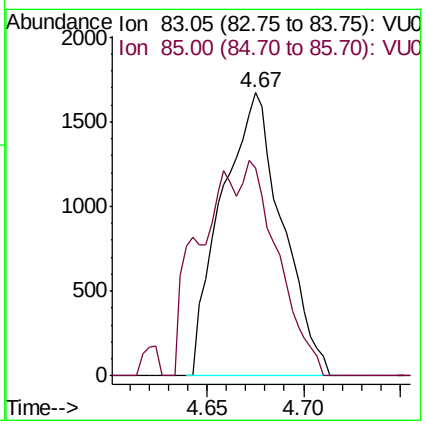


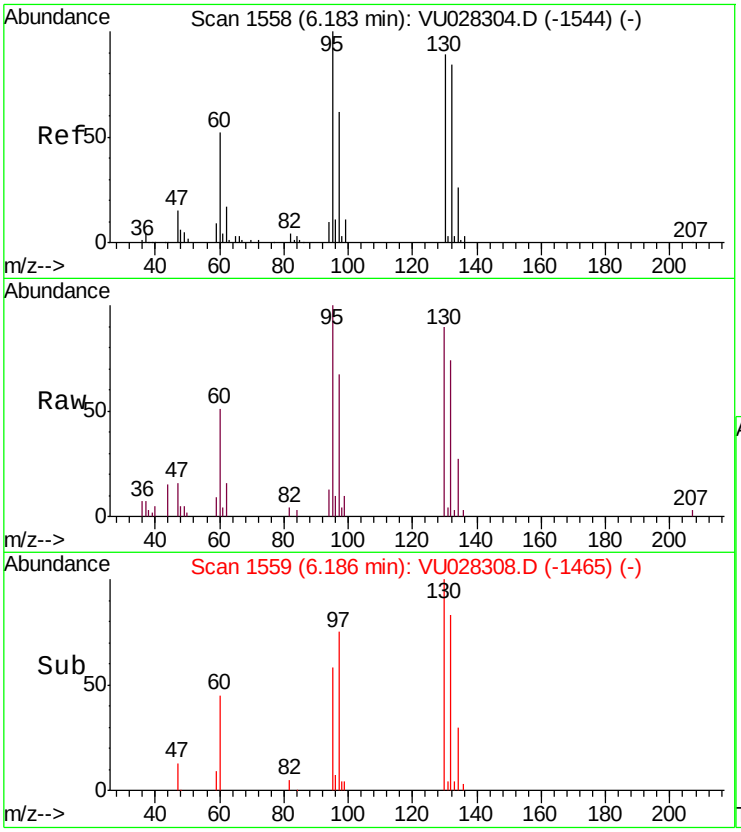


#25
Chloroform
Concen: 0.129 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 83 Resp: 3653

Ion	Ratio	Lower	Upper
83	100		
85	73.5	44.6	82.8



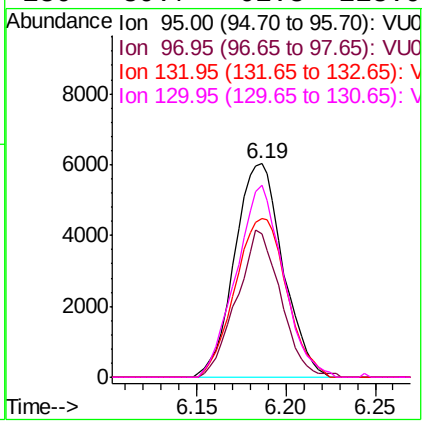


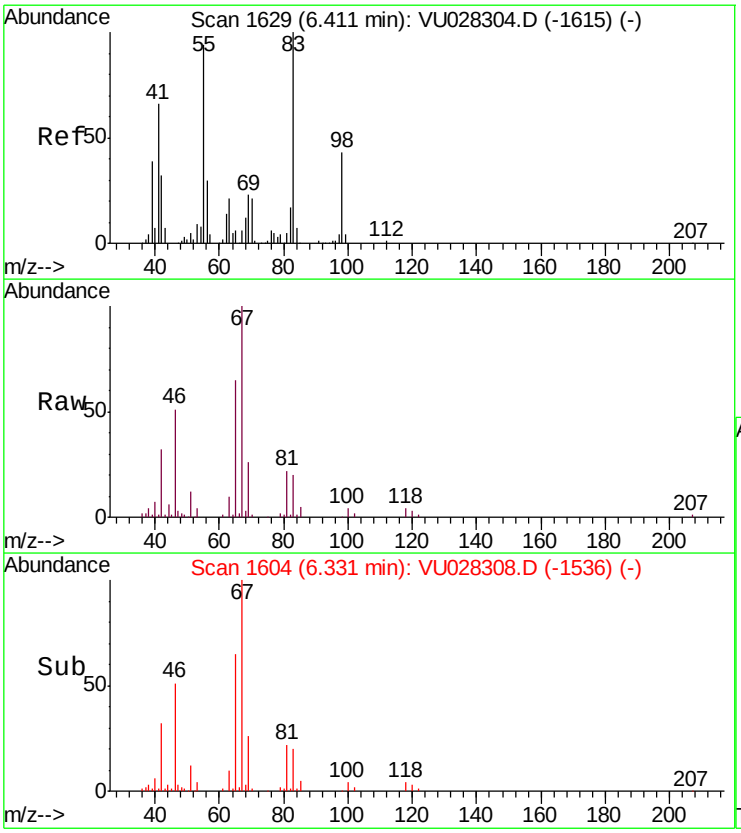
#34
Trichloroethene
Concen: 0.874 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument : MSVOA_U
ClientSampleId : H0FP8

Tgt Ion: 95 Resp: 11426

Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.5	86.3
132	74.3	58.9	109.3
130	89.7	61.3	113.9

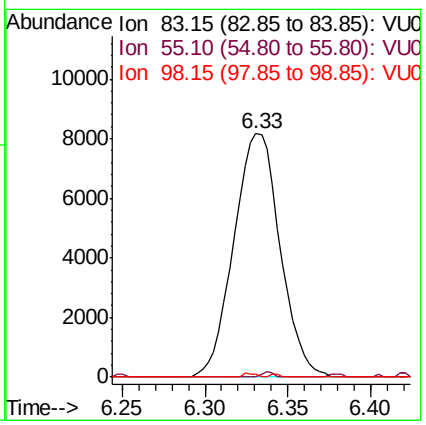


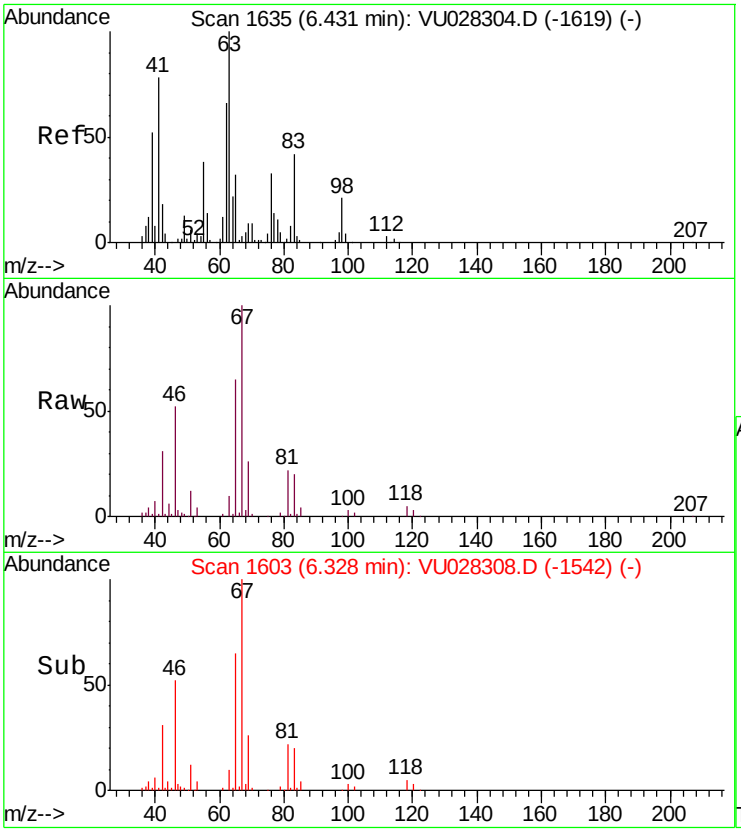


#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 83 Resp: 15858

Ion	Ratio	Lower	Upper
83	100		
55	0.5	73.2	109.8#
98	0.3	33.4	50.2#



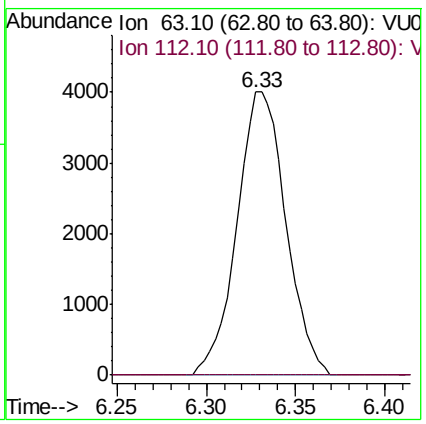


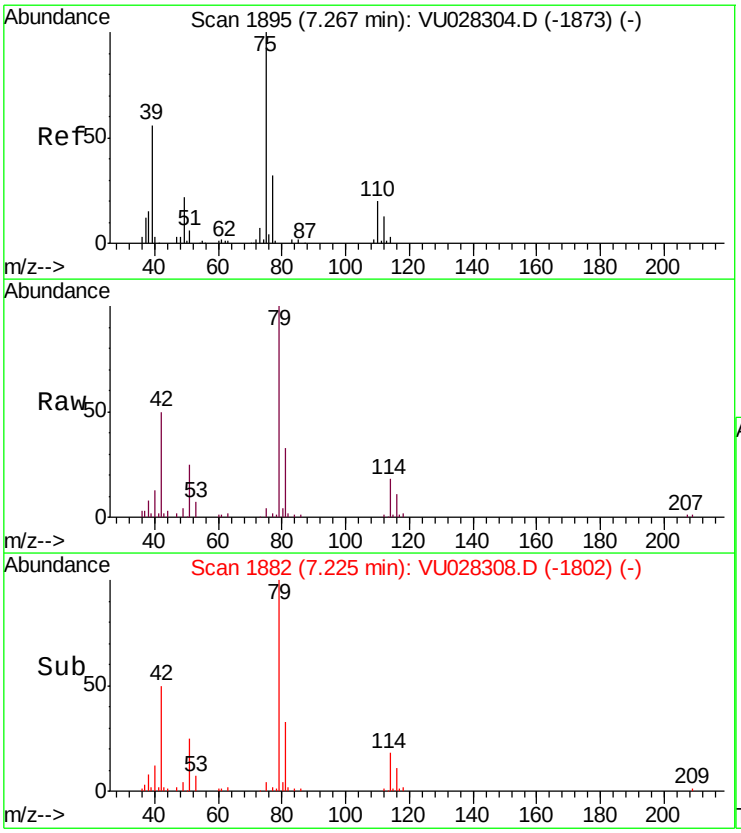
#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument : MSVOA_U
ClientSampleId : H0FP8

Tgt Ion: 63 Resp: 7653

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

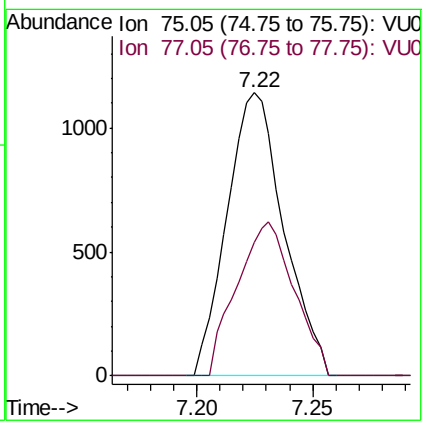


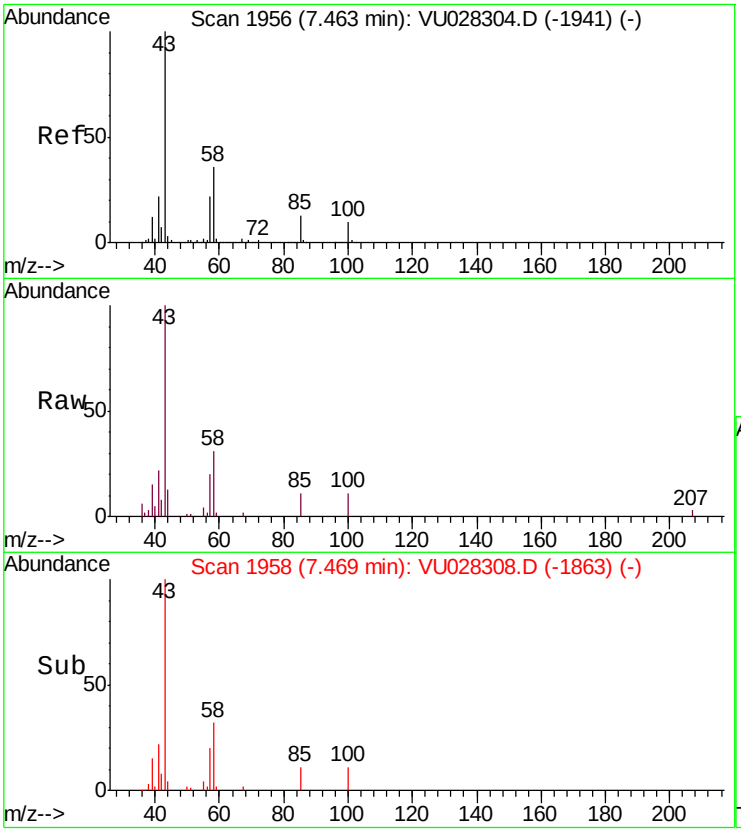


#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 75 Resp: 1949

Ion	Ratio	Lower	Upper
75	100		
77	47.2	21.7	40.3#



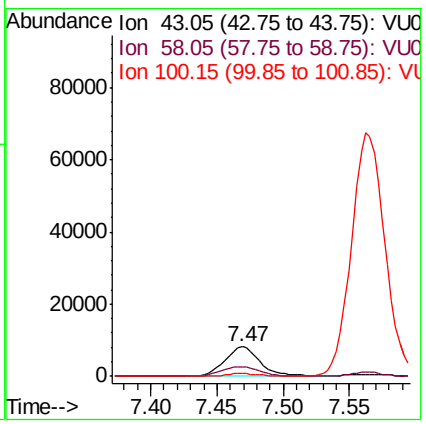


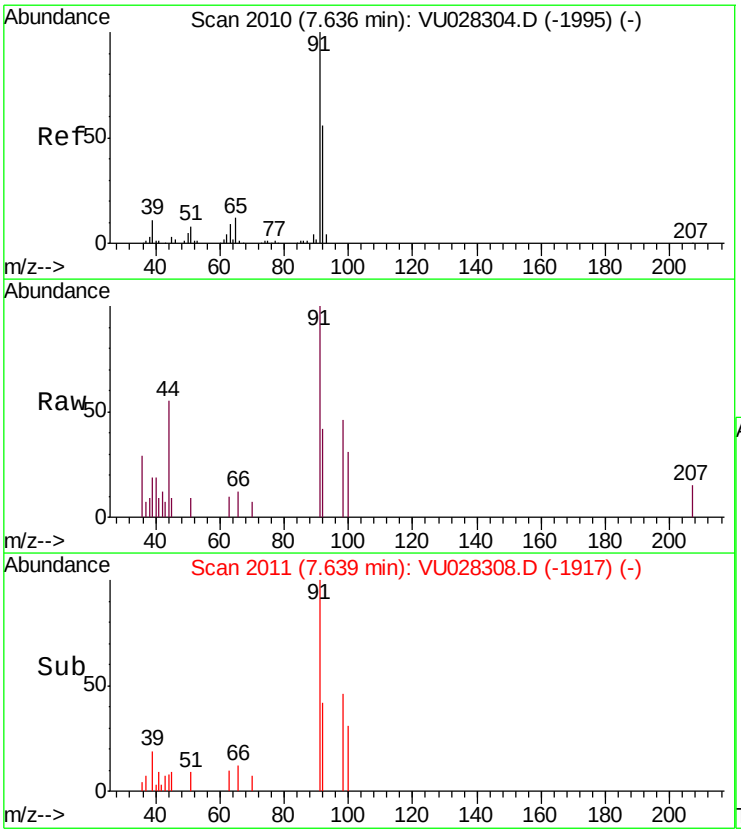
#40
4-Methyl-2-pentanone
Concen: 1.412 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 43 Resp: 15379

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.8	43.2
100	0.0	8.0	12.0#

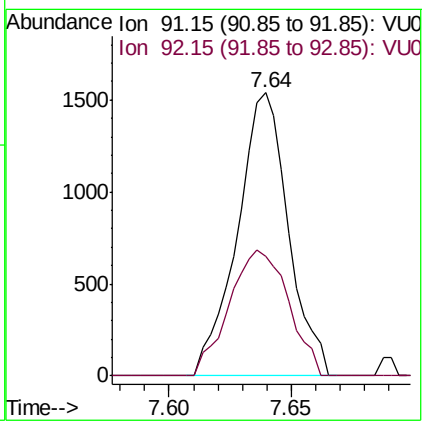


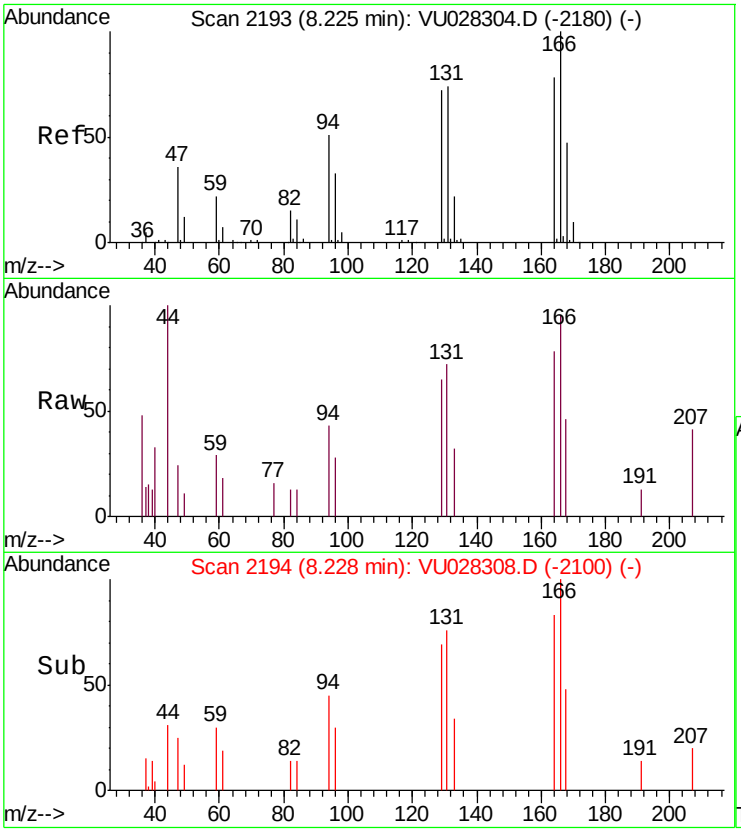


#42
Toluene
Concen: 0.041 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion: 91 Resp: 2229

Ion	Ratio	Lower	Upper
91	100		
92	42.3	39.0	72.4



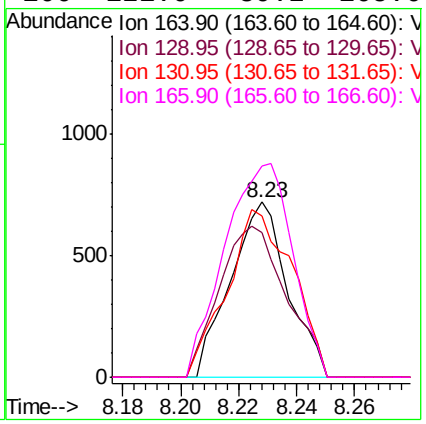


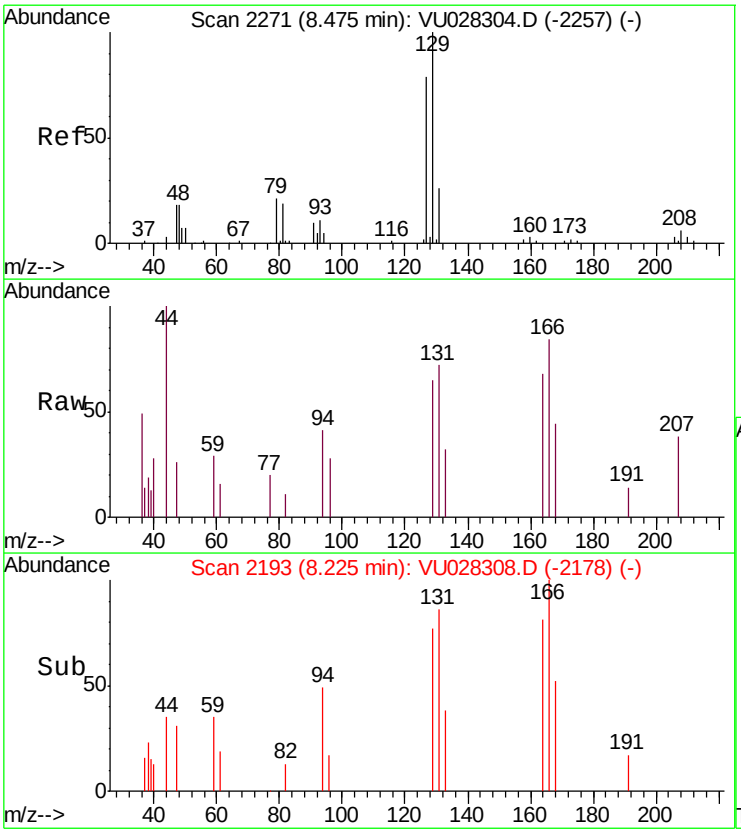
#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument : MSVOA_U
ClientSampleId : H0FP8

Tgt Ion:164 Resp: 987

Ion	Ratio	Lower	Upper
164	100		
129	82.9	67.6	125.6
131	92.4	66.3	123.1
166	121.0	89.2	165.6

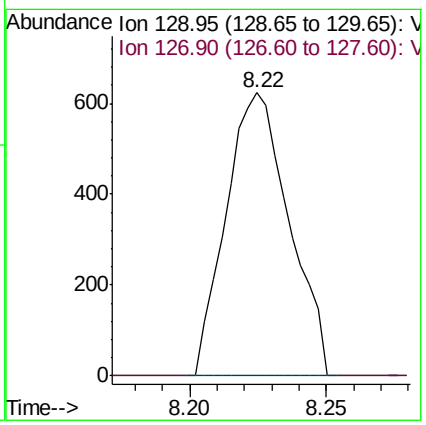


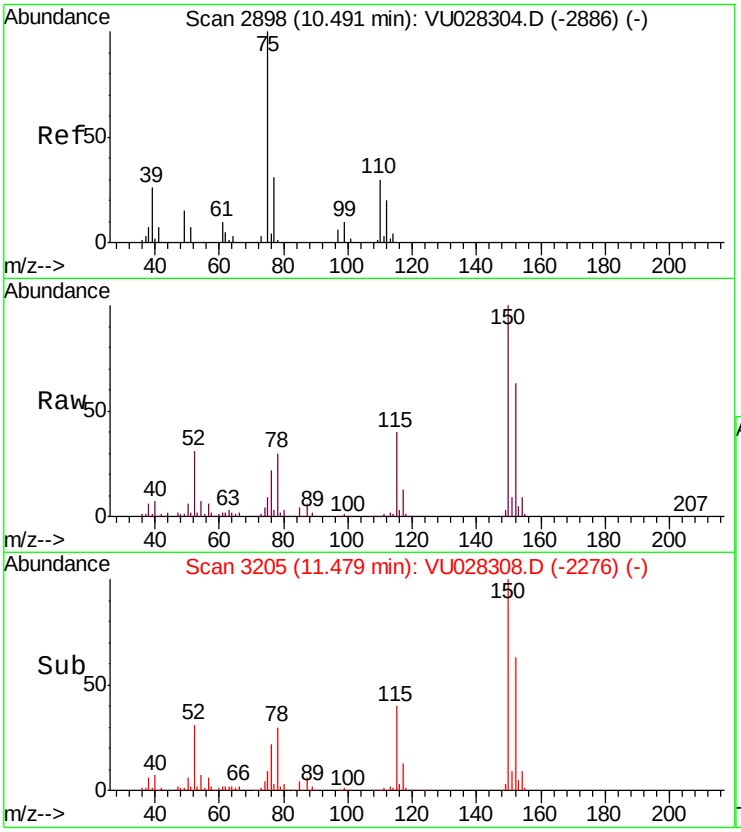


#49
Dibromochloromethane
Concen: 0.107 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Tgt Ion:129 Resp: 1000

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.174 ug/L
RT: 11.48 min Scan# 3205
Delta R.T. 0.99 min
Lab File: VU028308.D
Acq: 21 Nov 2018 10:41

Instrument :
MSVOA_U
ClientSampleId :
H0FP8

Tgt Ion: 75 Resp: 10334

Ion	Ratio	Lower	Upper
75	100		
77	39.3	25.7	38.5#