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

Quantitation Report (Not Reviewed)

Data File : VU028310.D
Acq On : 21 Nov 2018 11:29
Operator : MD/SY
Sample : J5986-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP9DL

Quant Time: Nov 21 22:36:53 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	168485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70462	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	66320	5.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.60%			
7) Chloroethane-d5	1.68	69	51975	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.27	63	94554	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.00%			
20) 2-Butanone-d5	4.19	46	187530	44.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.40%			
24) Chloroform-d	4.65	84	108174	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.31	65	63100	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.34	84	224305	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.33	67	81775	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.57	98	191942	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.85	79	28844	5.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.80%			
46) 2-Hexanone-d5	8.31	63	133516	42.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55273	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	62467	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1512	0.084	ug/L	95
5) Vinyl chloride	1.40	62	1222	0.071	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	650	0.059	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	719	0.069	ug/L #	1
13) Acetone	2.32	43	14722	5.045	ug/L	97
15) Methyl Acetate	2.45	43	63104	8.159	ug/L #	59
17) Methyl tert-butyl Ether	3.00	73	220419	7.074	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	3432	0.311	ug/L	97
19) 1,1-Dichloroethane	3.45	63	948	0.037	ug/L #	87
22) cis-1,2-Dichloroethene	4.22	96	22015	1.686	ug/L	97
25) Chloroform	4.67	83	3703	0.134	ug/L	81
34) Trichloroethene	6.19	95	12669	1.005	ug/L	96
35) Methylcyclohexane	6.33	83	16717	0.842	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	8387	0.571	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2451	0.132	ug/L	92
40) 4-Methyl-2-pentanone	7.47	43	4215	0.401	ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	10523	1.240	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : VU028310.D
Acq On : 21 Nov 2018 11:29
Operator : MD/SY
Sample : J5986-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP9DL

Quant Time: Nov 21 22:36:53 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VU028310.D
Acq On : 21 Nov 2018 11:29
Operator : MD/SY
Sample : J5986-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
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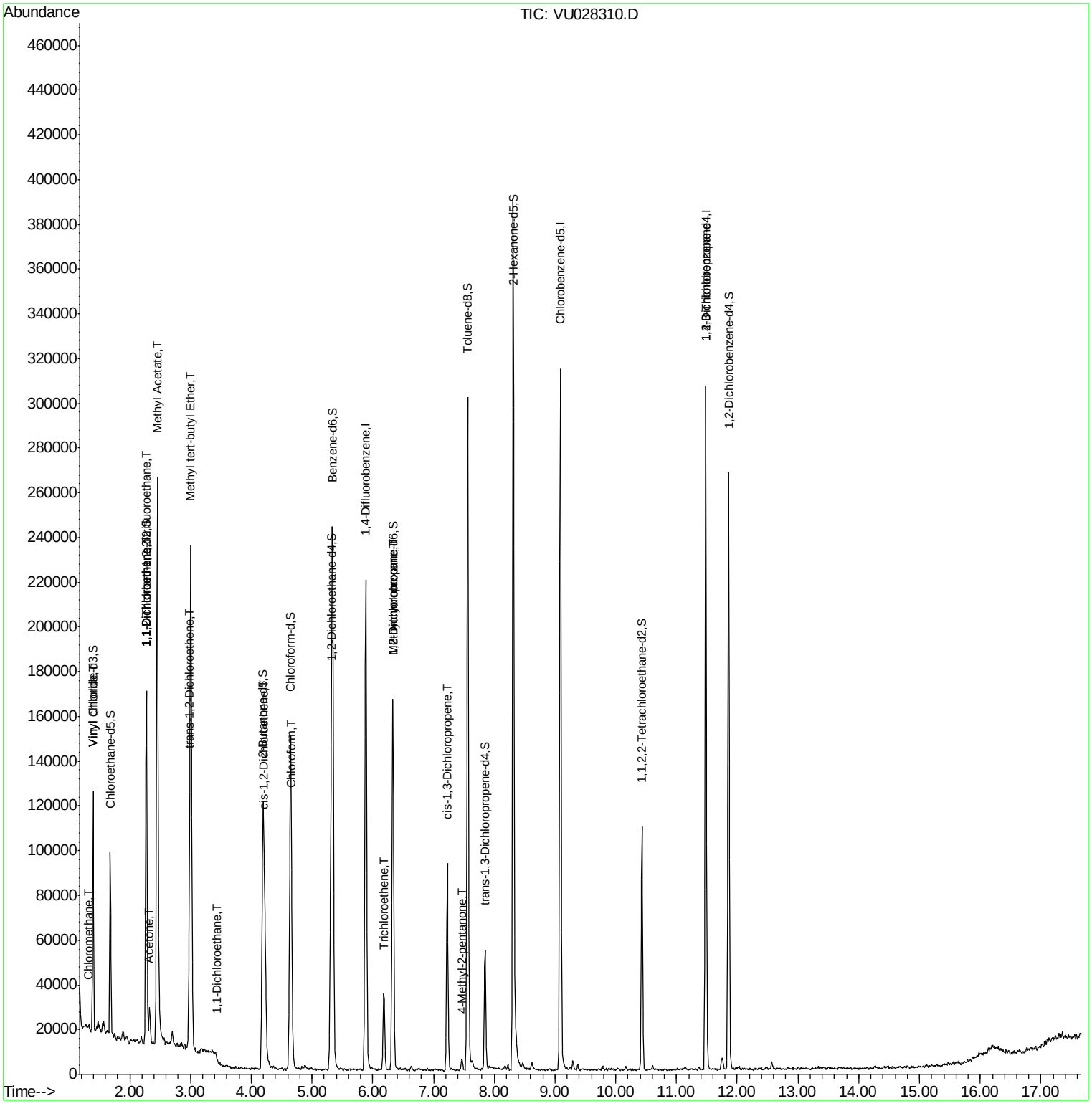
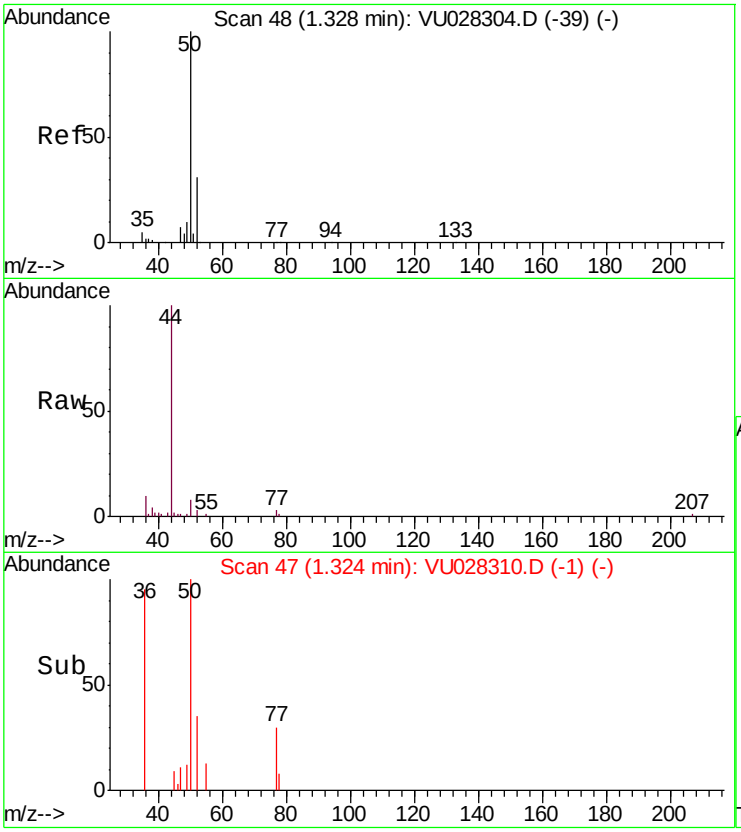
Quant Time: Nov 21 22:36:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration



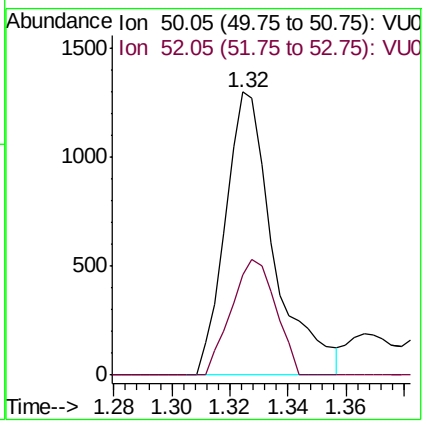


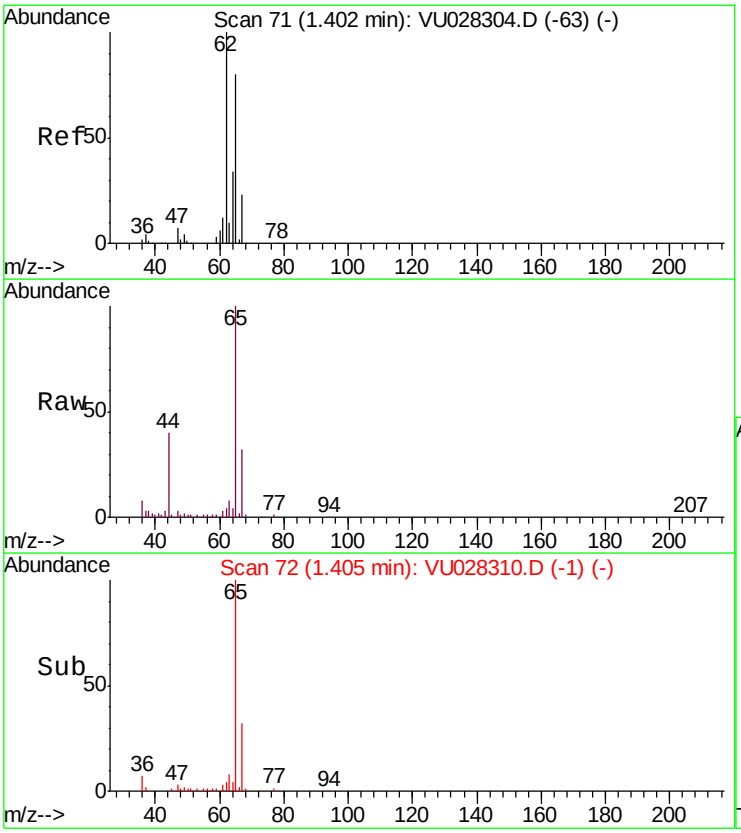
#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 50 Resp: 1512

Ion	Ratio	Lower	Upper
50	100		
52	35.4	22.8	42.4

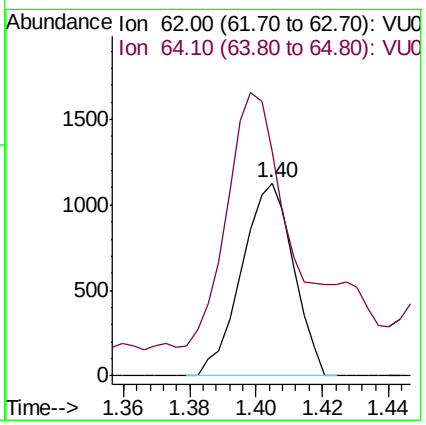


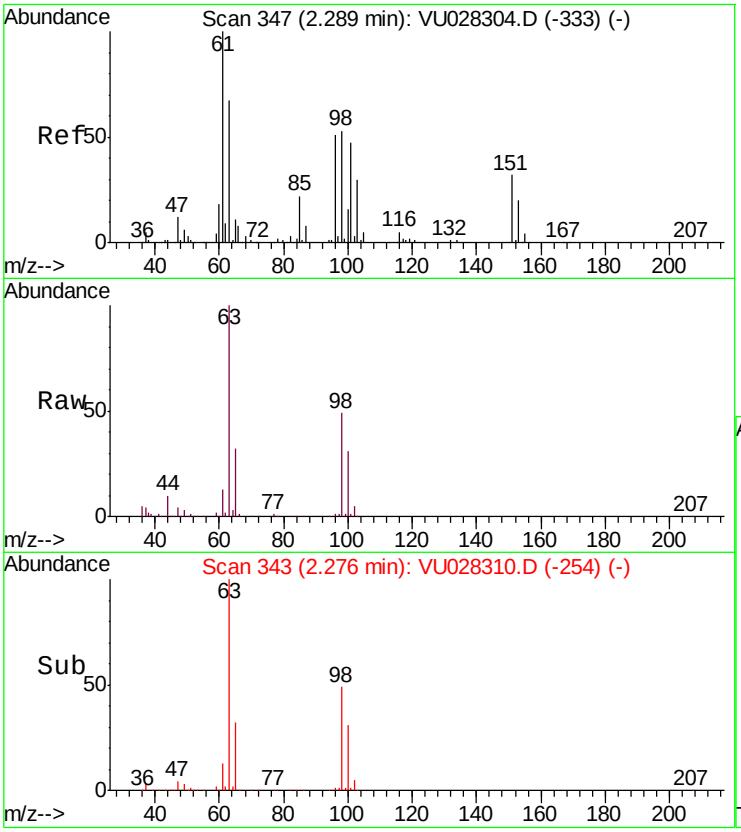


#5
Vinyl chloride
Concen: 0.071 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 62 Resp: 1222

Ion	Ratio	Lower	Upper
62	100		
64	116.4	21.7	40.3#



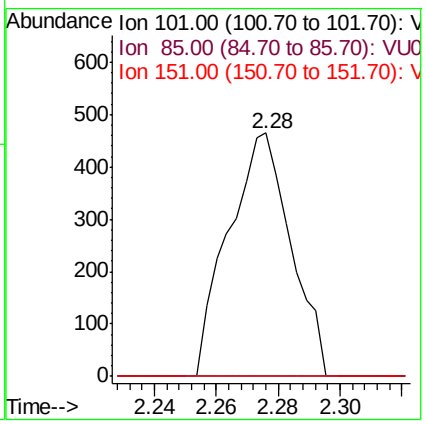


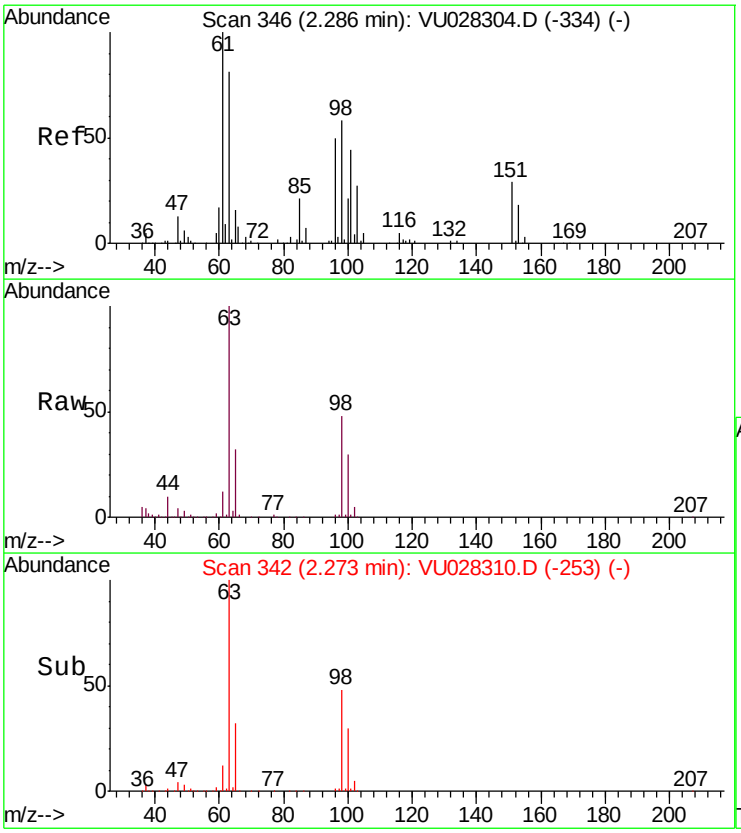
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument : MSVOA_U
ClientSampleId : H0FP9DL

Tgt Ion:101 Resp: 650

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.4	56.2#
151	2.9	55.0	82.4#

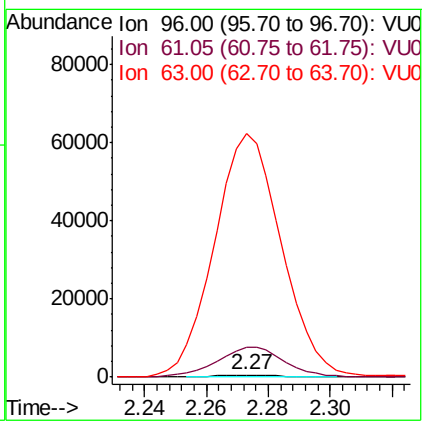


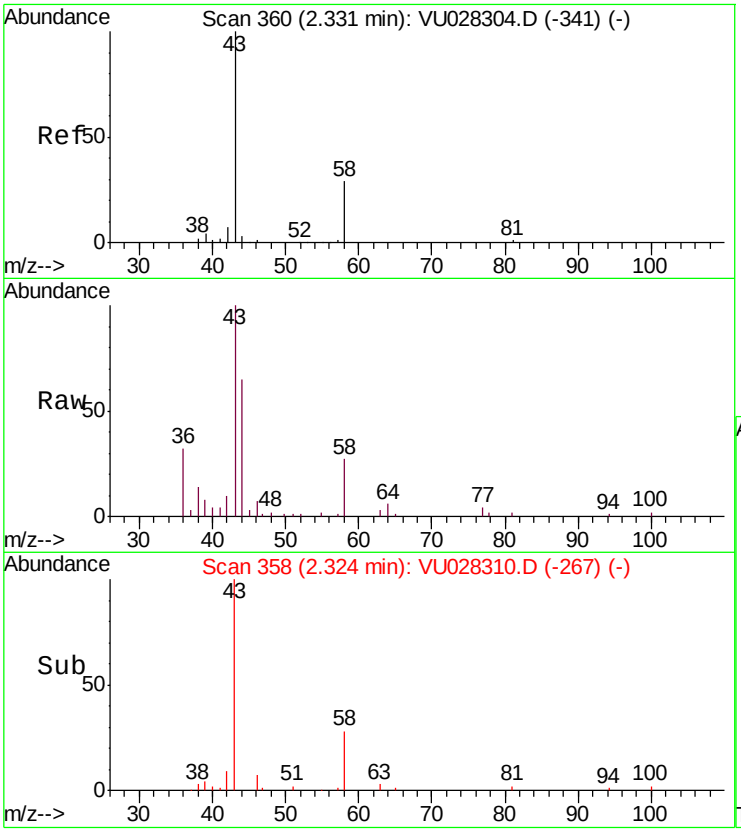


#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 96 Resp: 719

Ion	Ratio	Lower	Upper
96	100		
61	1404.3	145.5	270.1#
63	11690.8	98.6	183.2#



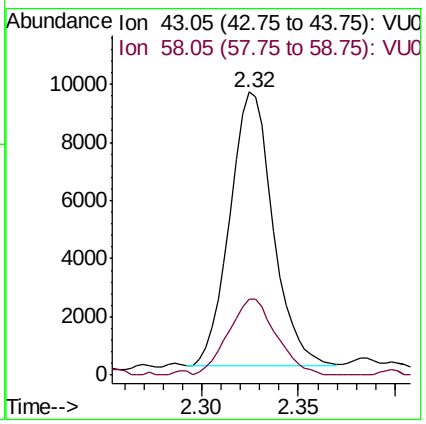


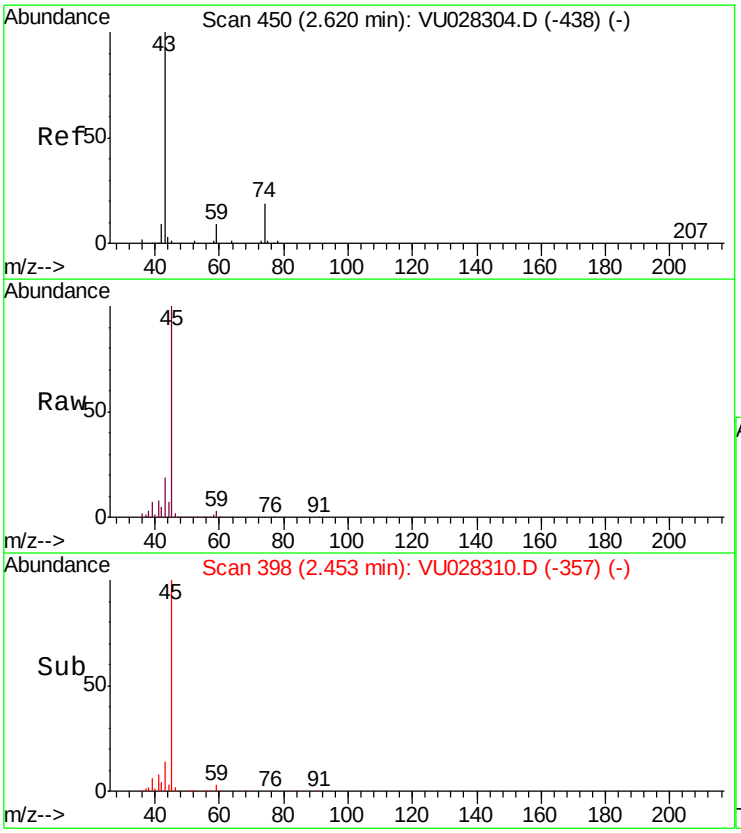
#13
Acetone
Concen: 5.045 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.01 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 43 Resp: 14722

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	58.6

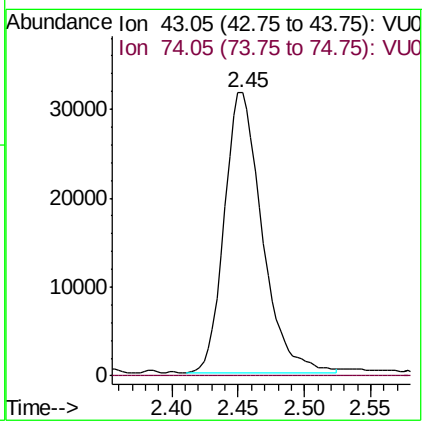


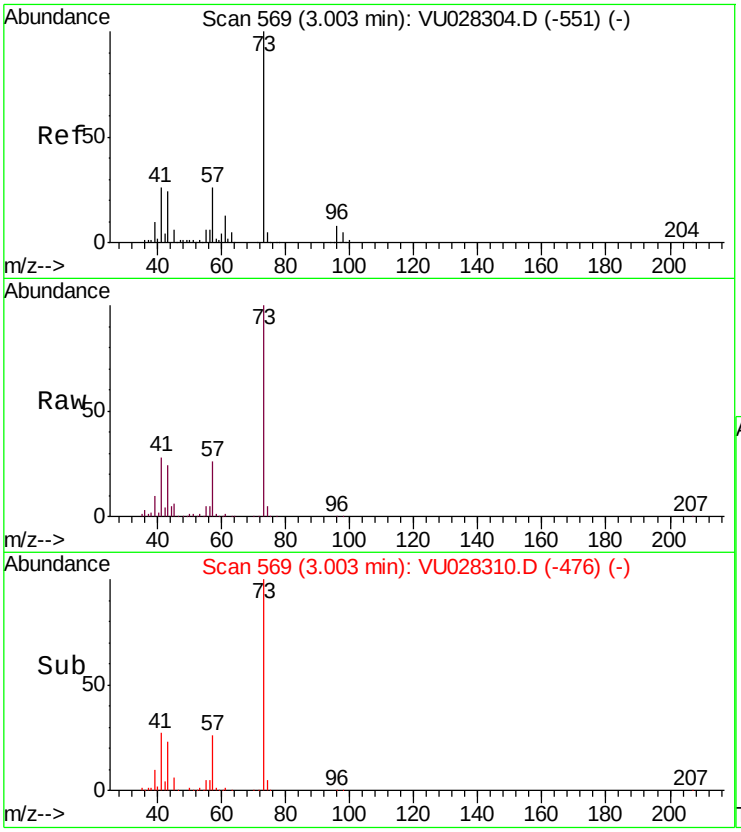


#15
Methyl Acetate
Concen: 8.159 ug/L
RT: 2.45 min Scan# 398
Delta R.T. -0.17 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 43 Resp: 63104

Ion	Ratio	Lower	Upper
43	100		
74	0.1	14.7	22.1#



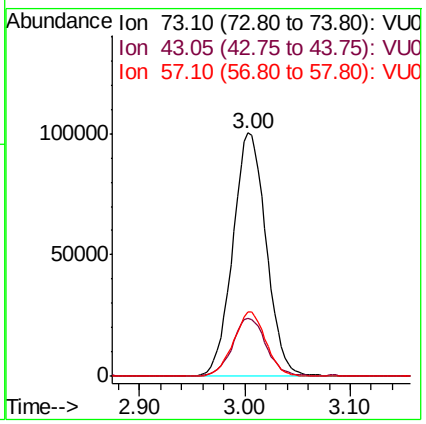


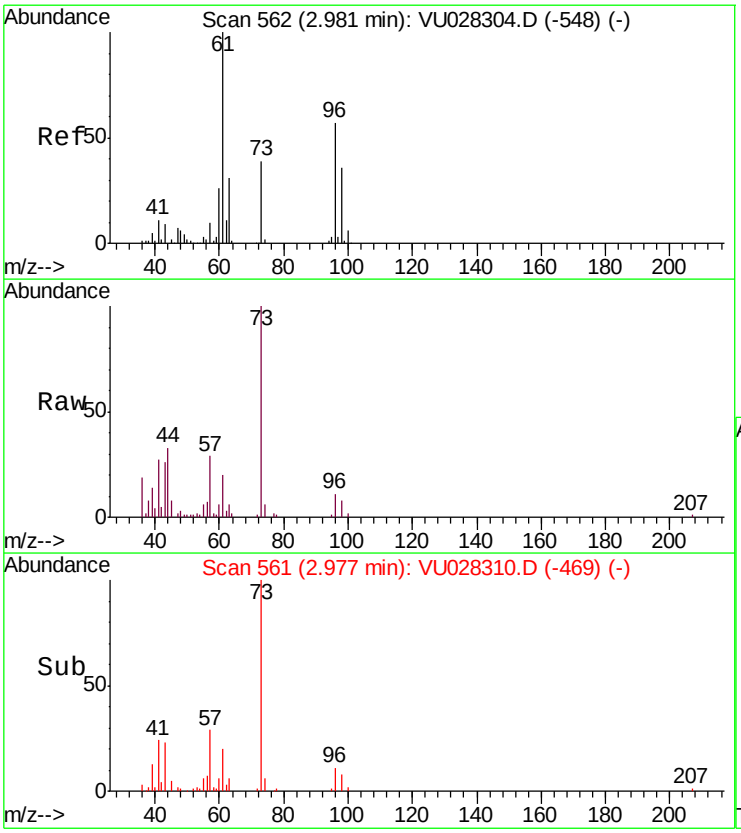
#17
Methyl tert-butyl Ether
Concen: 7.074 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument : MSVOA_U
ClientSampleId : H0FP9DL

Tgt Ion: 73 Resp: 220419

Ion	Ratio	Lower	Upper
73	100		
43	23.3	18.8	28.2
57	25.7	19.2	28.8

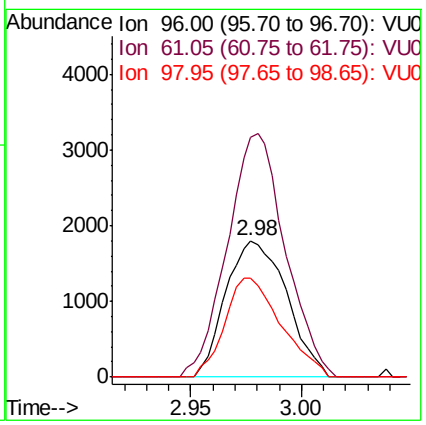


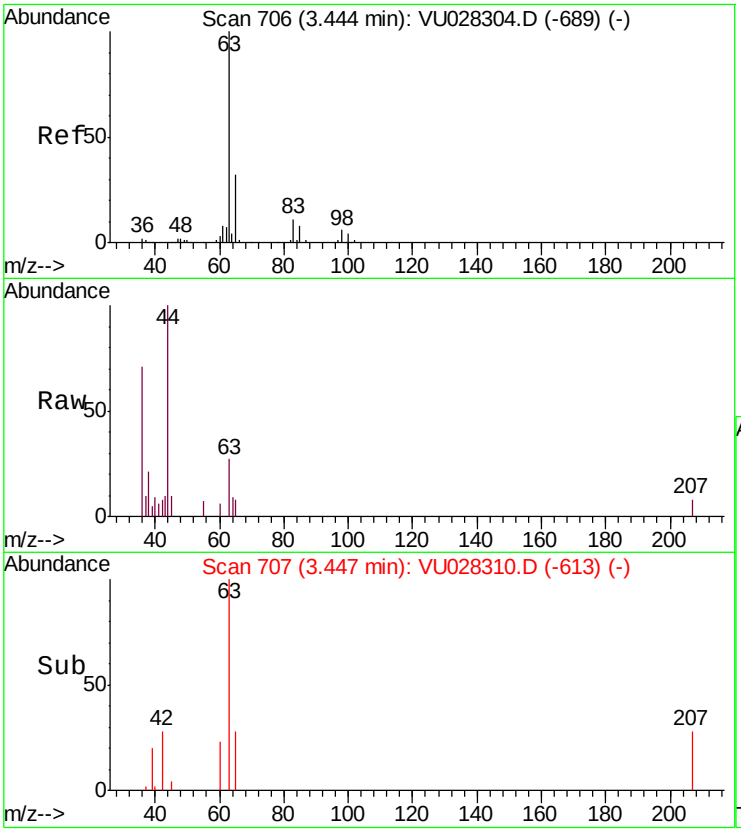


#18
trans-1,2-Dichloroethene
Concen: 0.311 ug/L
RT: 2.98 min Scan# 561
Delta R.T. -0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 96 Resp: 3432

Ion	Ratio	Lower	Upper
96	100		
61	175.5	122.2	227.0
98	72.4	44.9	83.5



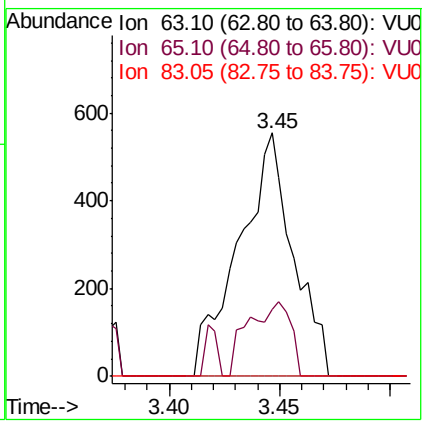


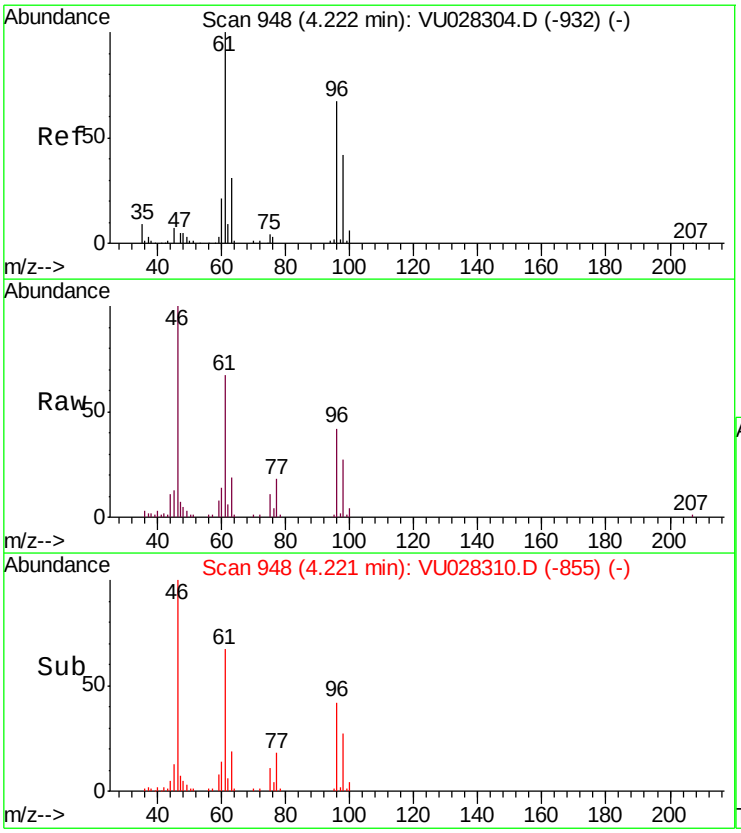
#19
1,1-Dichloroethane
Concen: 0.037 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument : MSVOA_U
ClientSampleId : H0FP9DL

Tgt Ion: 63 Resp: 948

Ion	Ratio	Lower	Upper
63	100		
65	27.6	21.2	39.4
83	0.0	8.8	16.4#

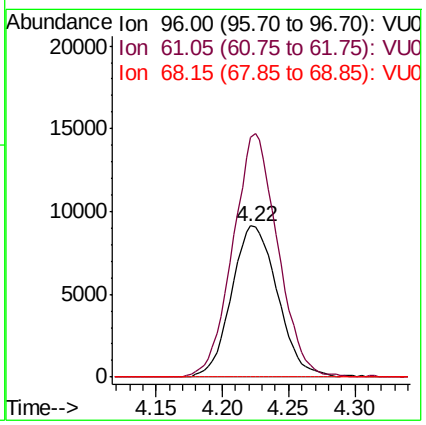


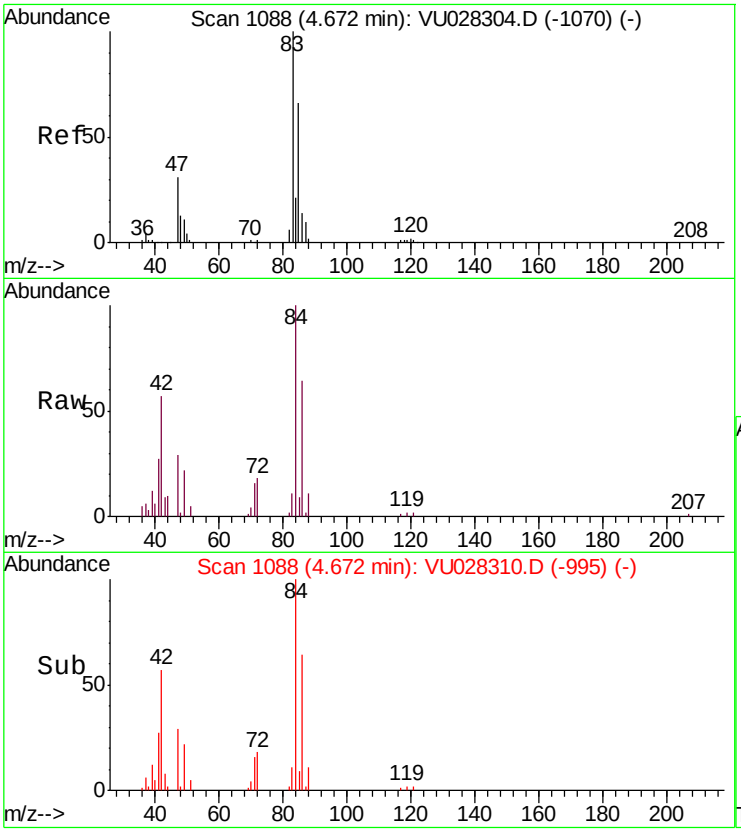


#22
cis-1,2-Dichloroethene
Concen: 1.686 ug/L
RT: 4.22 min Scan# 948
Delta R.T. -0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 96 Resp: 22015

Ion	Ratio	Lower	Upper
96	100		
61	158.1	108.0	200.6
68	0.0	0.0	0.0



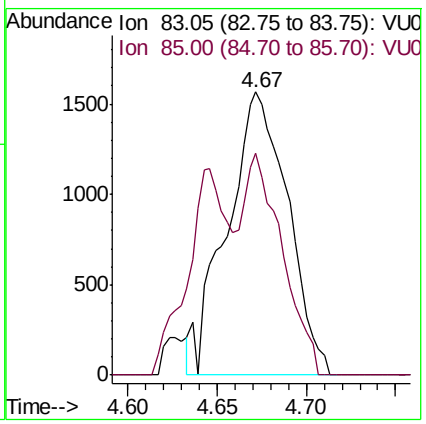


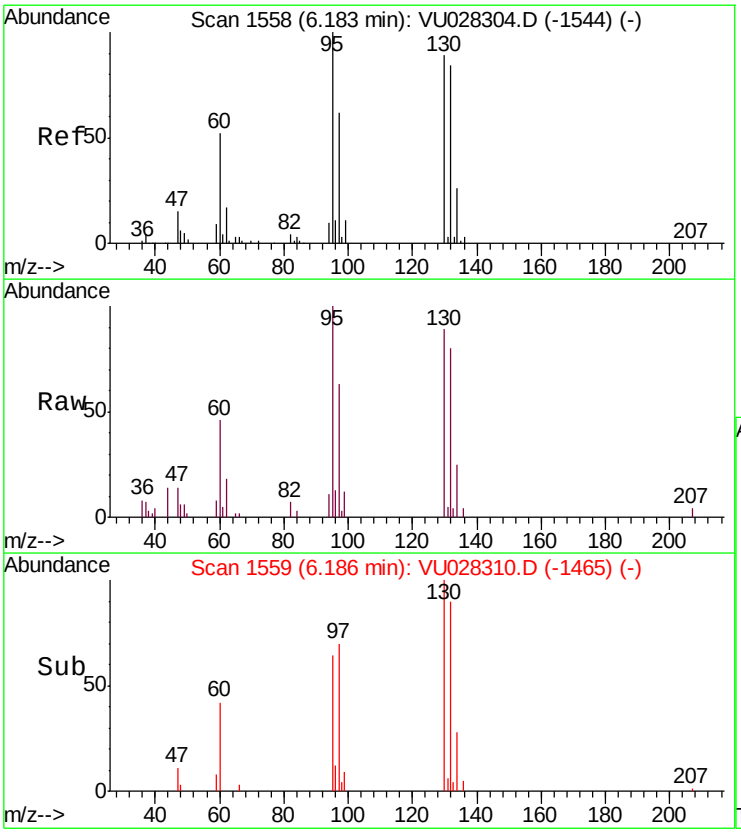
#25
Chloroform
Concen: 0.134 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 83 Resp: 3703

Ion	Ratio	Lower	Upper
83	100		
85	78.6	44.6	82.8

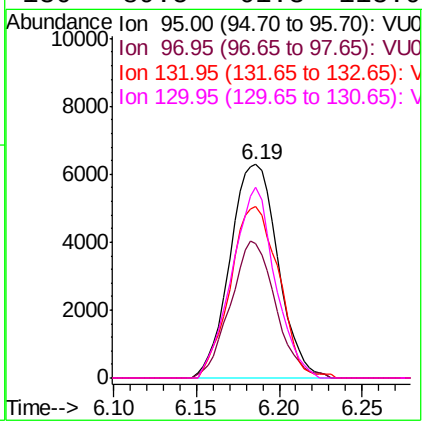


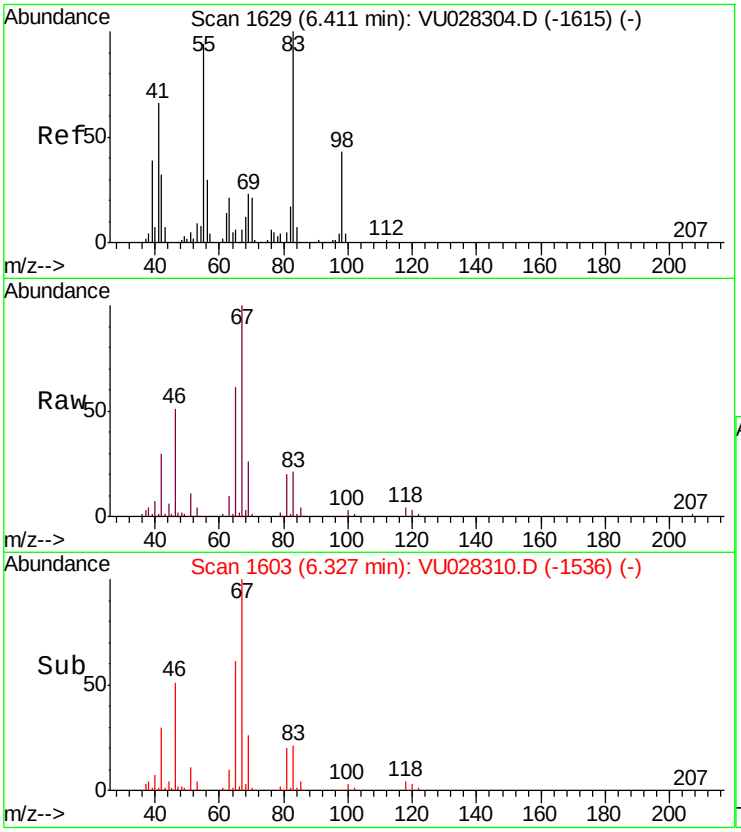


#34
Trichloroethene
Concen: 1.005 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 95 Resp: 12669

Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.5	86.3
132	80.2	58.9	109.3
130	89.5	61.3	113.9



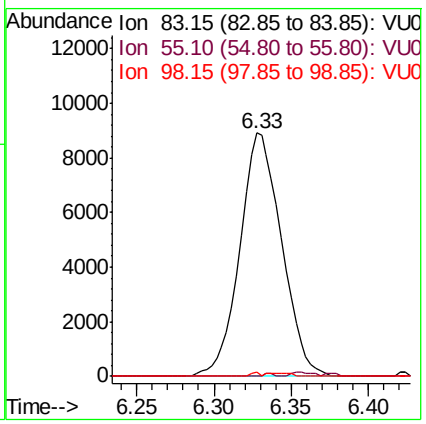


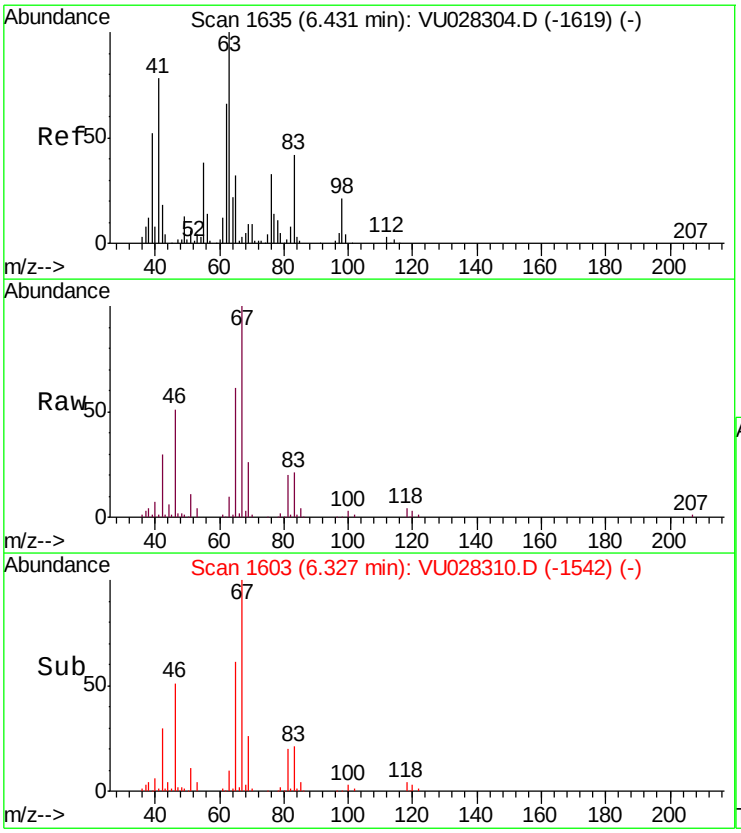
#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.08 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 83 Resp: 16717

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.2	109.8#
98	0.3	33.4	50.2#

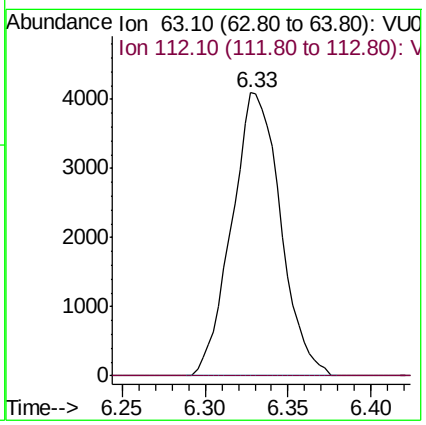


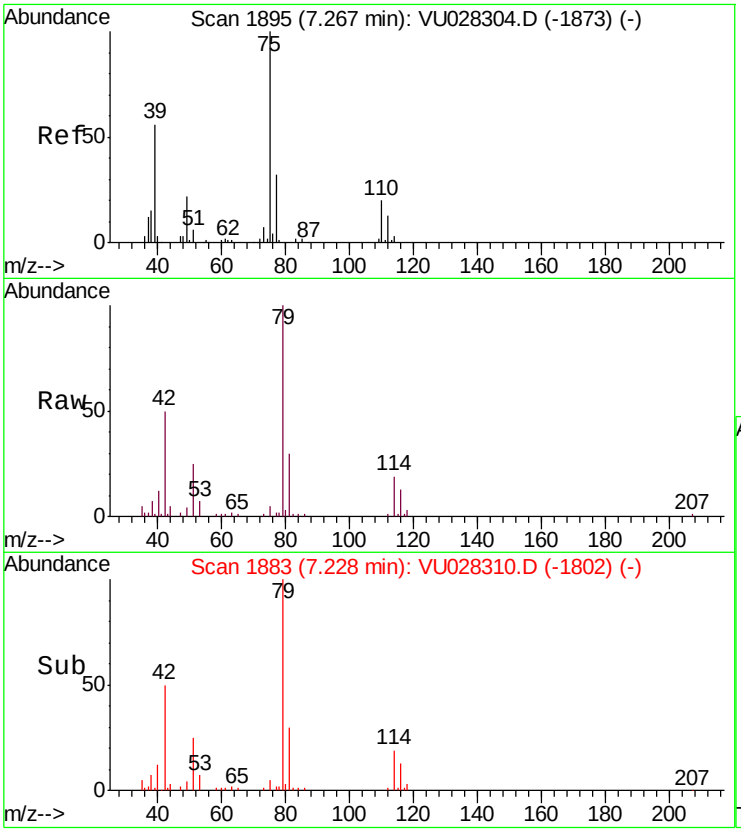


#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 63 Resp: 8387

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#



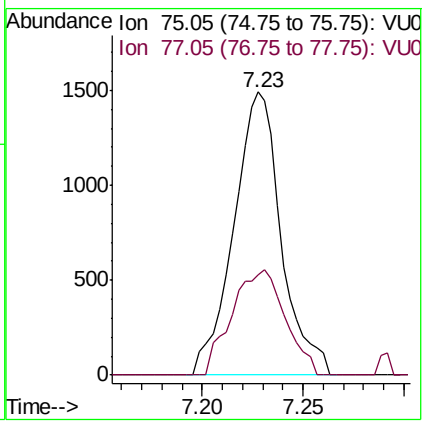


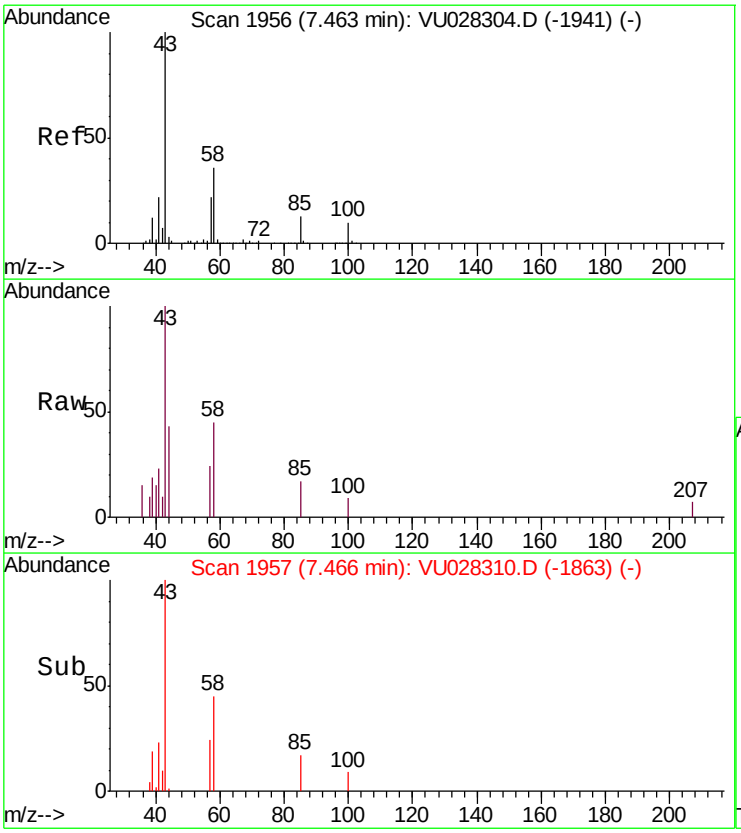
#39
cis-1,3-Dichloropropene
Concen: 0.132 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 75 Resp: 2451

Ion	Ratio	Lower	Upper
75	100		
77	35.5	21.7	40.3

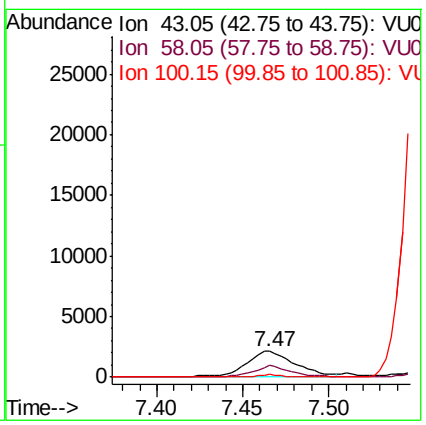


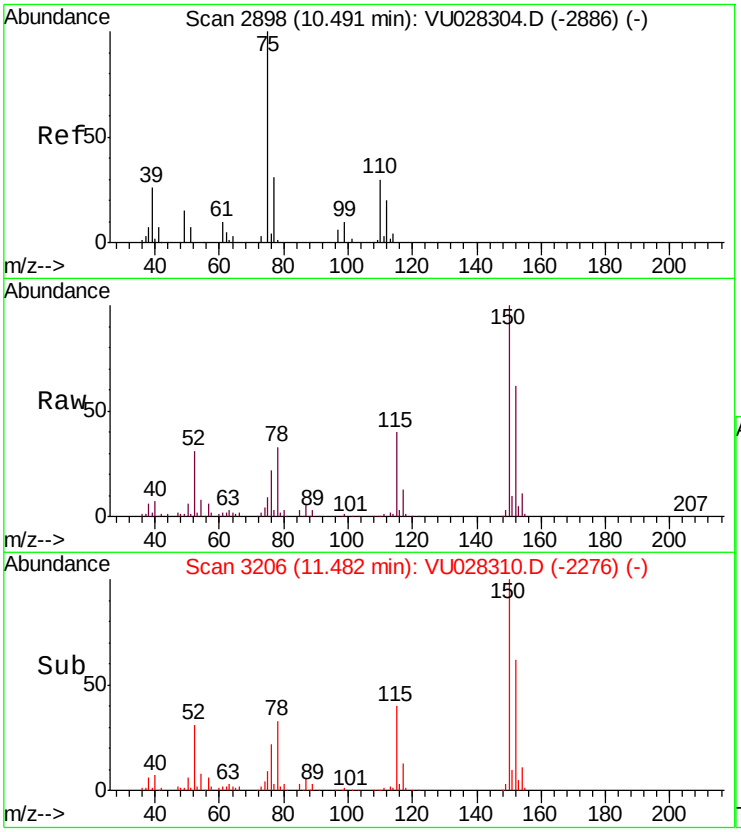


#40
4-Methyl-2-pentanone
Concen: 0.401 ug/L
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Tgt Ion: 43 Resp: 4215

Ion	Ratio	Lower	Upper
43	100		
58	33.6	28.8	43.2
100	0.0	8.0	12.0#





#59
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028310.D
Acq: 21 Nov 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :
H0FP9DL

Tgt Ion: 75 Resp: 10523

Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.7	38.5