Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028288.D
Acq On : 20 Nov 2018 19:21
Operator : MD/SY
Sample : J5995-01DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 21 07:11:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127112	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52058	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40410	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.68	69	37771	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.28	63	58662	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	4.20	46	179154	55.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.94%			
24) Chloroform-d	4.65	84	83683	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.31	65	47951	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.34	84	160843	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.33	67	61380	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.57	98	131077	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	17668	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.31	63	122535	50.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47764	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	48678	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	7813	0.606	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	514	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	428	0.055	ug/L #	1
13) Acetone	2.33	43	2256	1.025	ug/L	74
16) Methylene chloride	2.71	84	2339	0.237	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	5673	0.241	ug/L	92
18) trans-1,2-Dichloroethene	2.98	96	22803	2.736	ug/L	97
19) 1,1-Dichloroethane	3.45	63	1292	0.067	ug/L #	88
22) cis-1,2-Dichloroethene	4.23	96	88560	8.988	ug/L	93
25) Chloroform	4.67	83	4351	0.208	ug/L	93
34) Trichloroethene	6.19	95	1621	0.164	ug/L	92
35) Methylcyclohexane	6.33	83	12857	0.826	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6459	0.561	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1248	0.086	ug/L #	57
48) 2-Hexanone	8.37	43	3353	0.571	ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	7345	1.104	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112018\
Data File : VU028288.D
Acq On : 20 Nov 2018 19:21
Operator : MD/SY
Sample : J5995-01DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 07:11:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

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

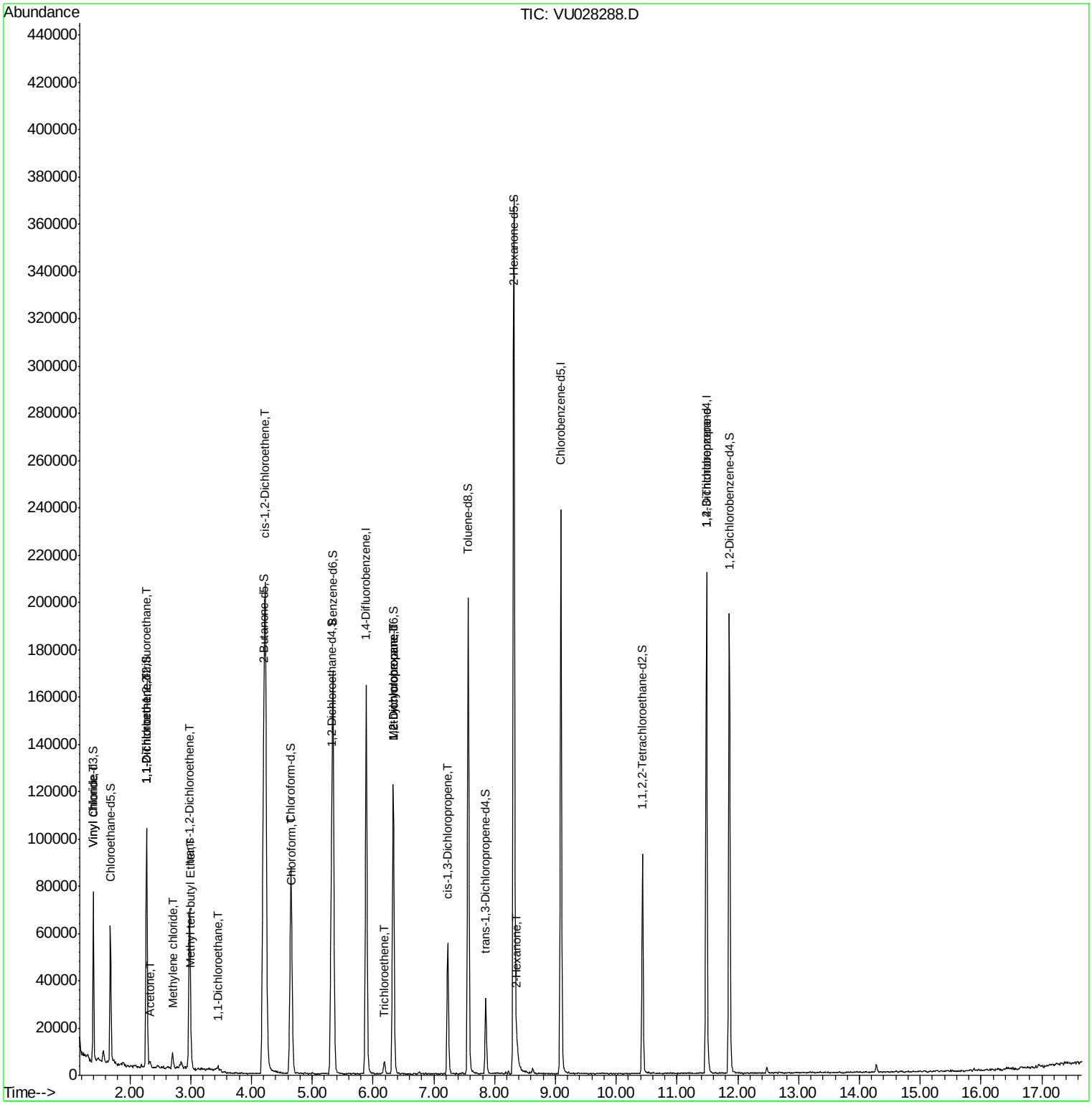
(#) = qualifier out of range (m) = manual integration (+) = signals summed

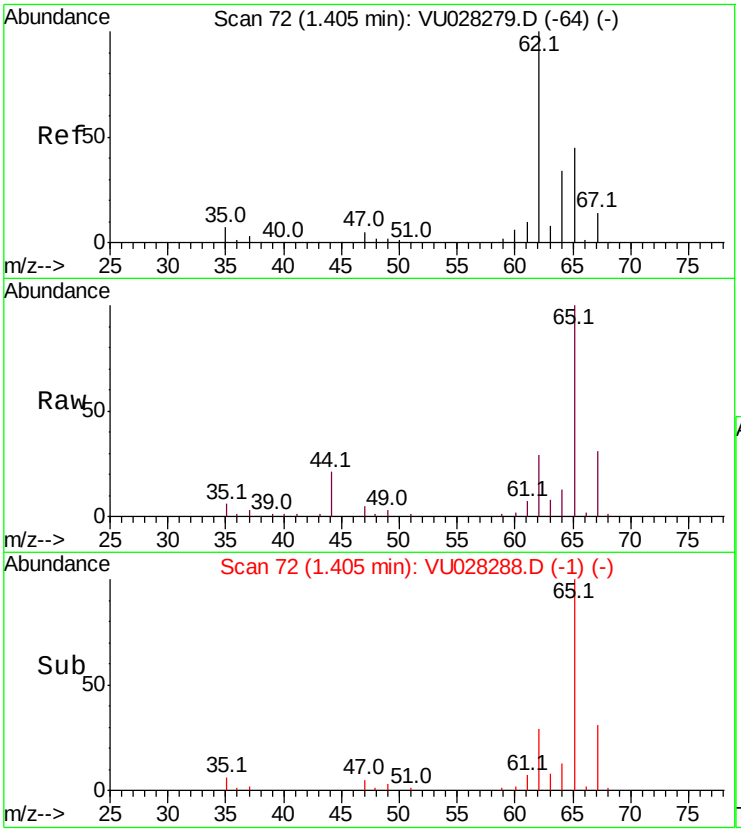
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028288.D
Acq On : 20 Nov 2018 19:21
Operator : MD/SY
Sample : J5995-01DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 07:11:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration



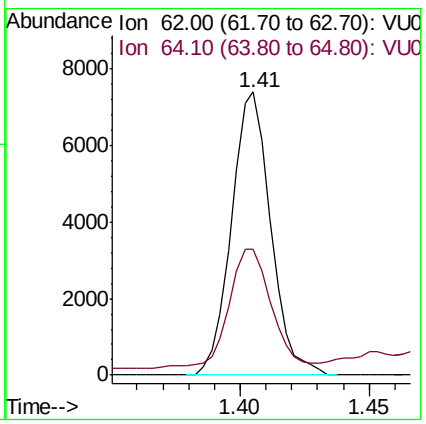


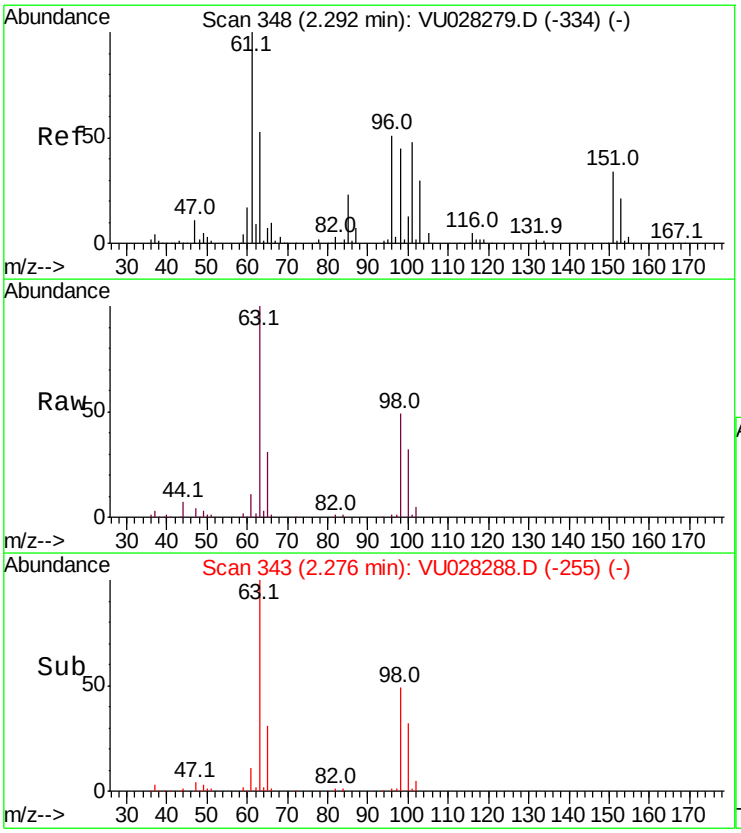
#5
Vinyl chloride
Concen: 0.606 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 7813

Ion	Ratio	Lower	Upper
62	100		
64	44.4	21.7	40.3#

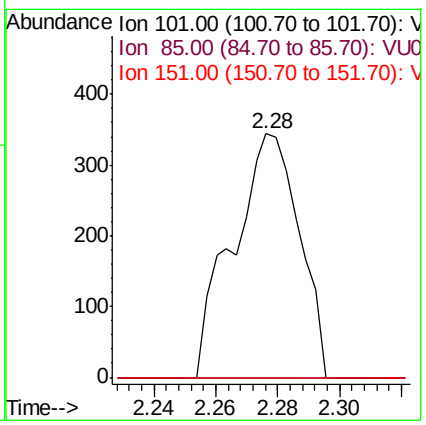


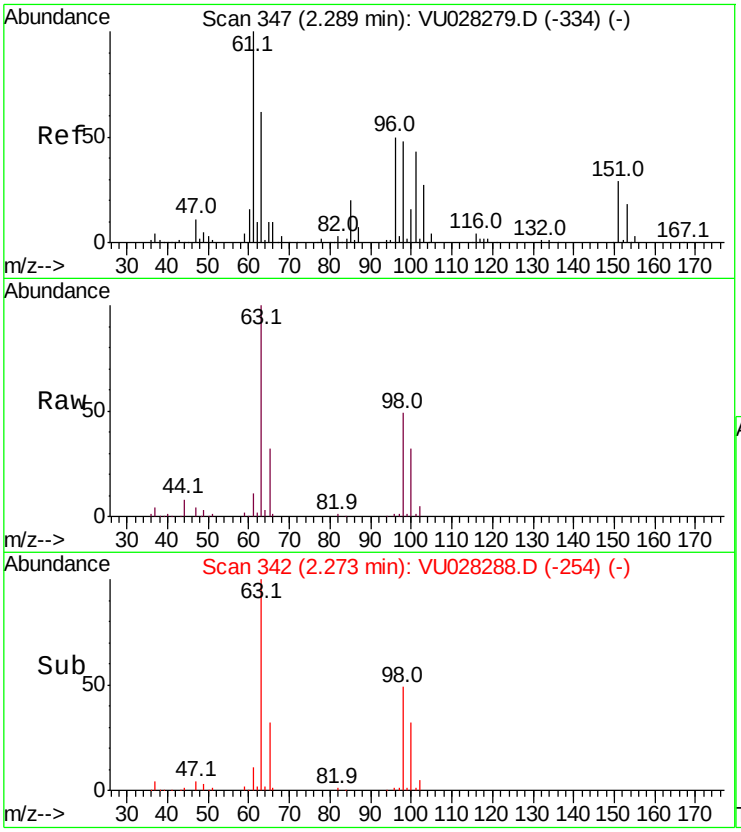


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion:101 Resp: 514

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



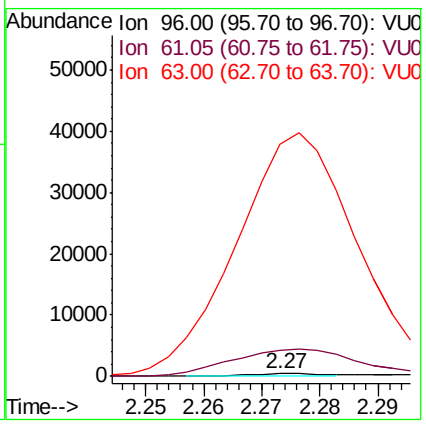


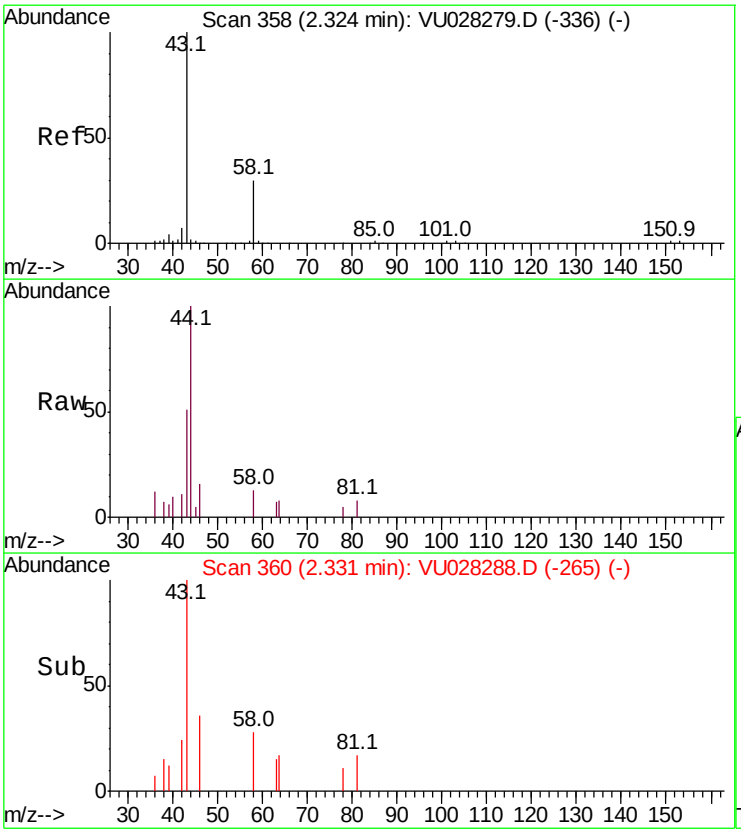
#12
1,1-Dichloroethene
Concen: 0.055 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 428

Ion	Ratio	Lower	Upper
96	100		
61	1041.6	145.5	270.1#
63	9432.4	98.6	183.2#

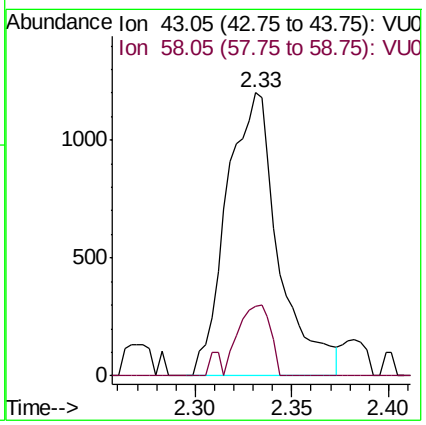


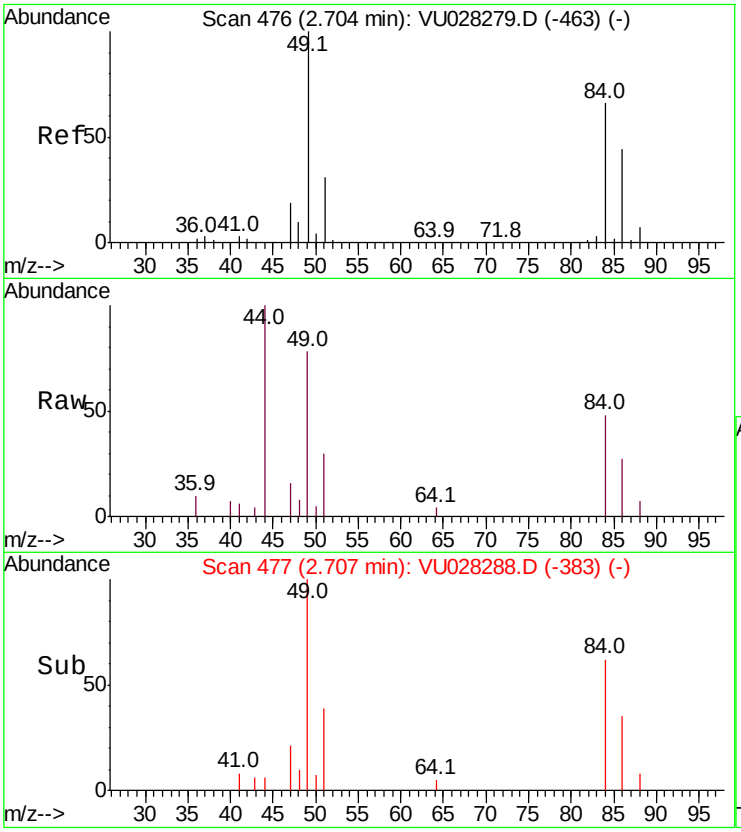


#13
Acetone
Concen: 1.025 ug/L
RT: 2.33 min Scan# 360
Delta R.T. 0.01 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 43 Resp: 2256

Ion	Ratio	Lower	Upper
43	100		
58	15.3	0.0	58.6



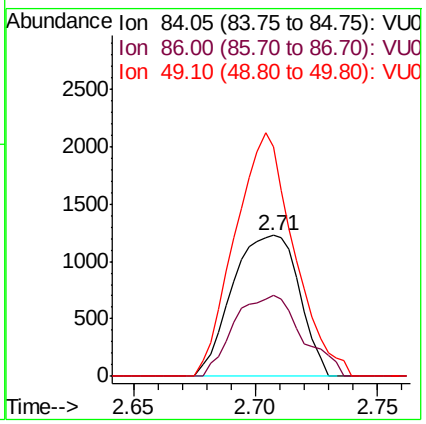


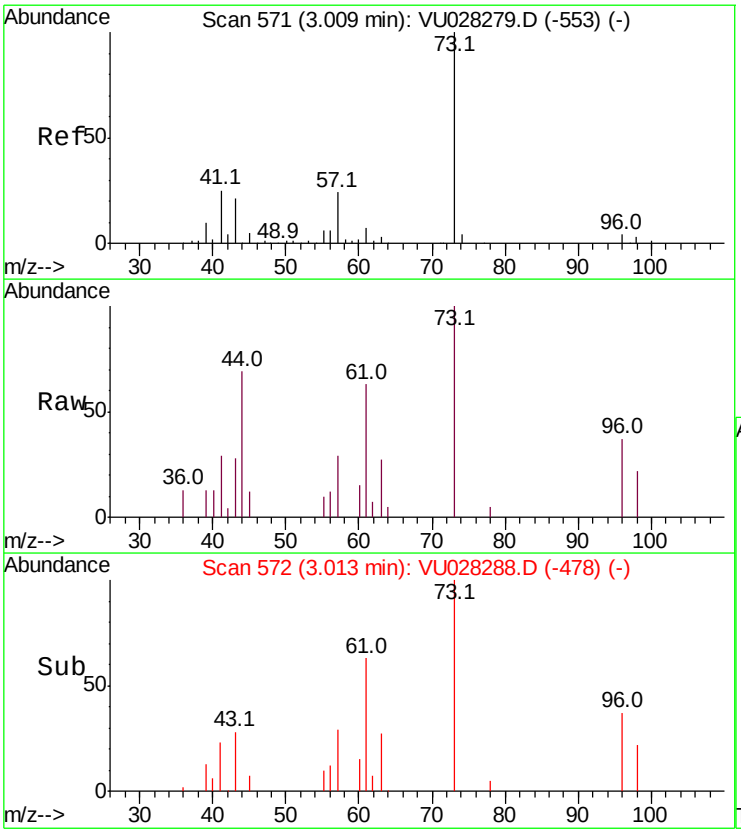
#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 2339

Ion	Ratio	Lower	Upper
84	100		
86	57.1	45.3	84.1
49	162.2	107.9	200.5

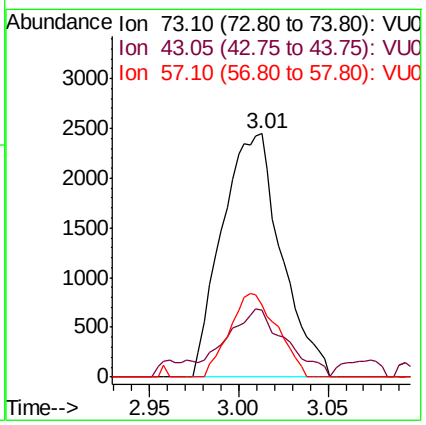


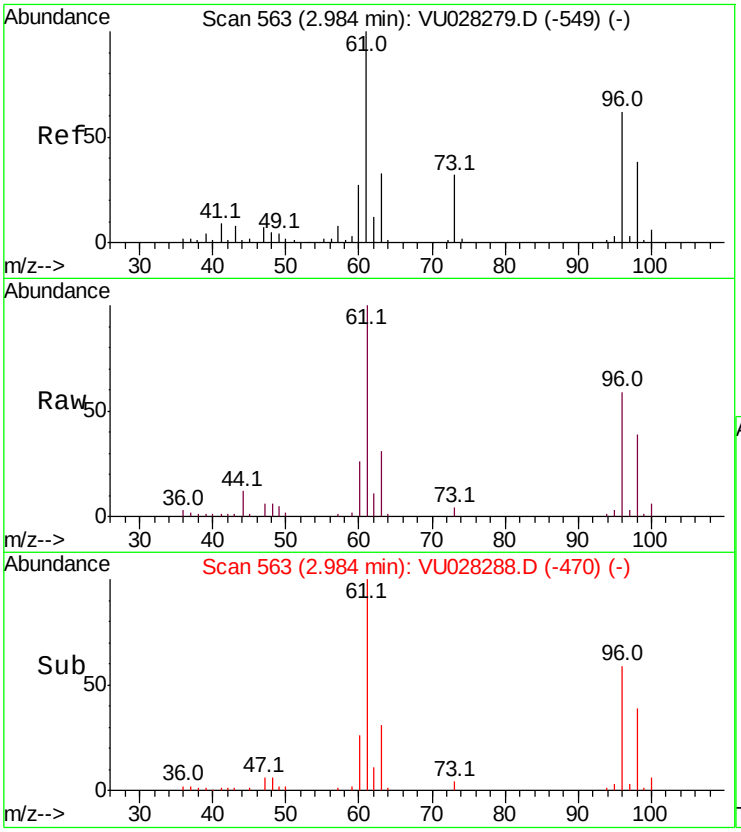


#17
Methyl tert-butyl Ether
Concen: 0.241 ug/L
RT: 3.01 min Scan# 572
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 73 Resp: 5673

Ion	Ratio	Lower	Upper
73	100		
43	27.8	18.8	28.2
57	27.7	19.2	28.8



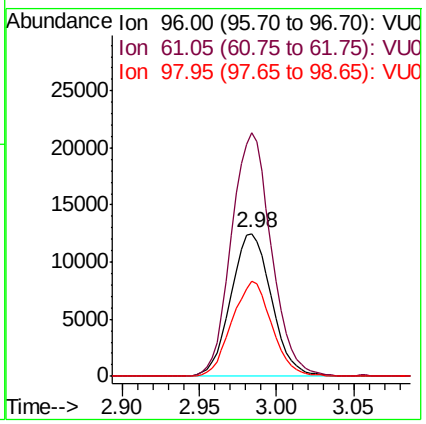


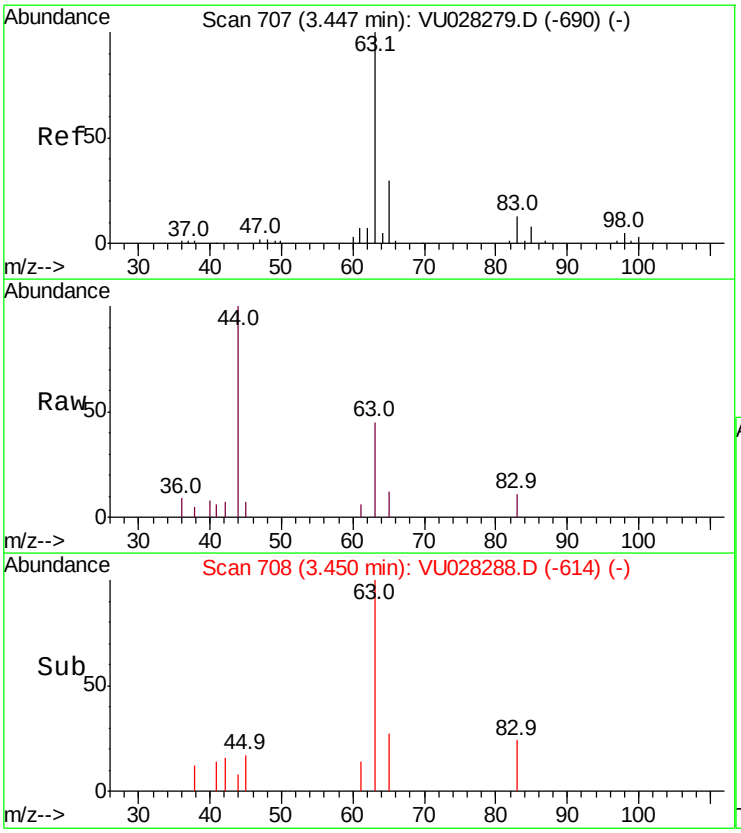
#18
trans-1,2-Dichloroethene
Concen: 2.736 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 22803

Ion	Ratio	Lower	Upper
96	100		
61	170.3	122.2	227.0
98	66.4	44.9	83.5

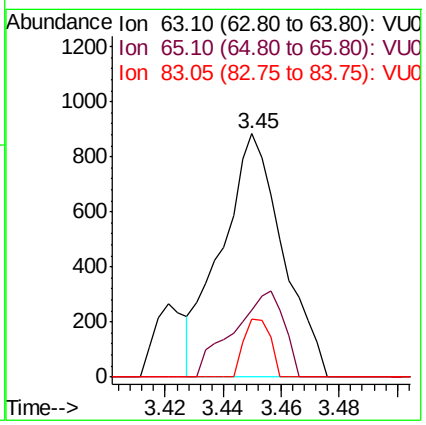


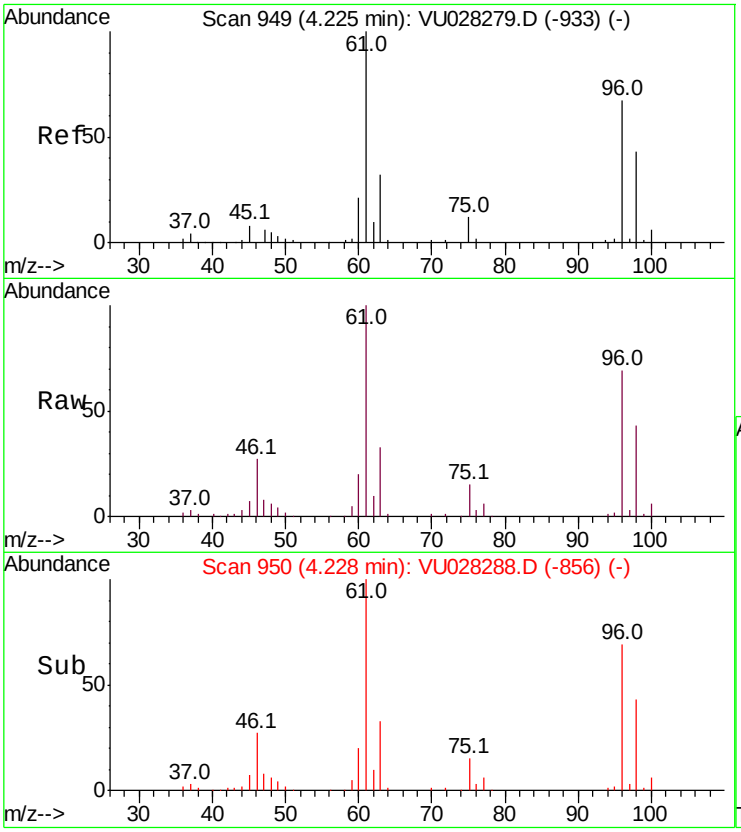


#19
1,1-Dichloroethane
Concen: 0.067 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 63 Resp: 1292

Ion	Ratio	Lower	Upper
63	100		
65	27.3	21.2	39.4
83	23.8	8.8	16.4#



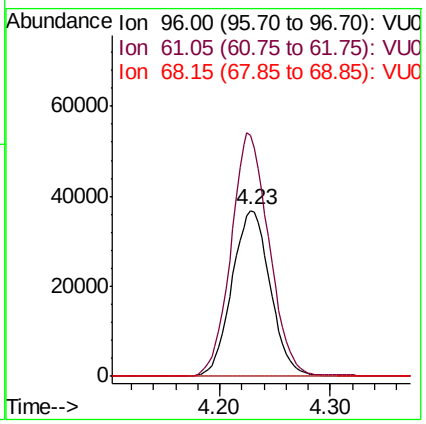


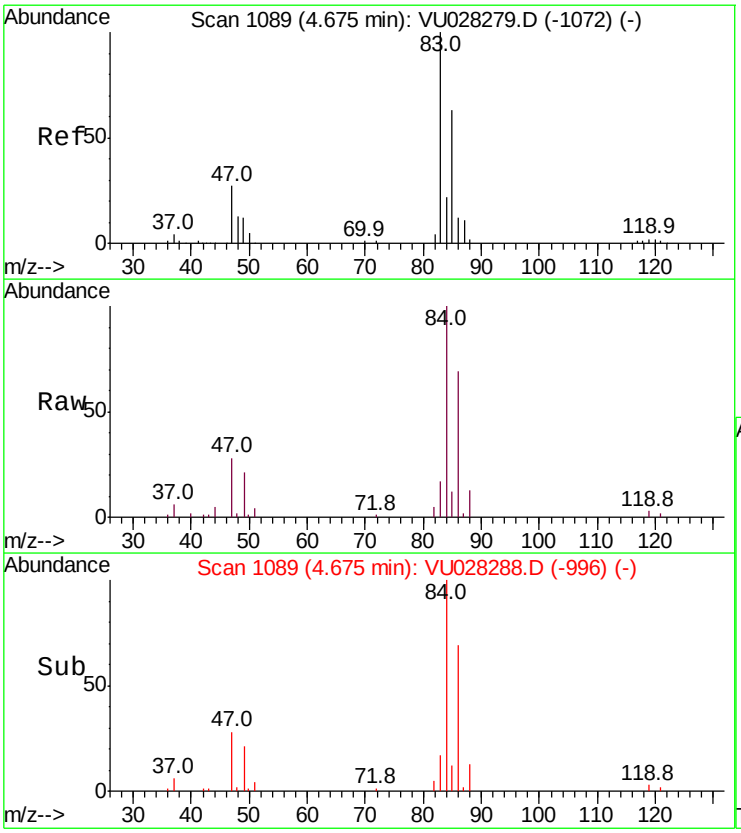
#22
cis-1,2-Dichloroethene
Concen: 8.988 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 88560

Ion	Ratio	Lower	Upper
96	100		
61	145.6	108.0	200.6
68	0.0	0.0	0.0

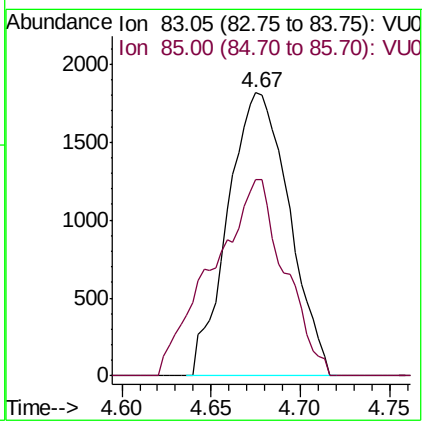


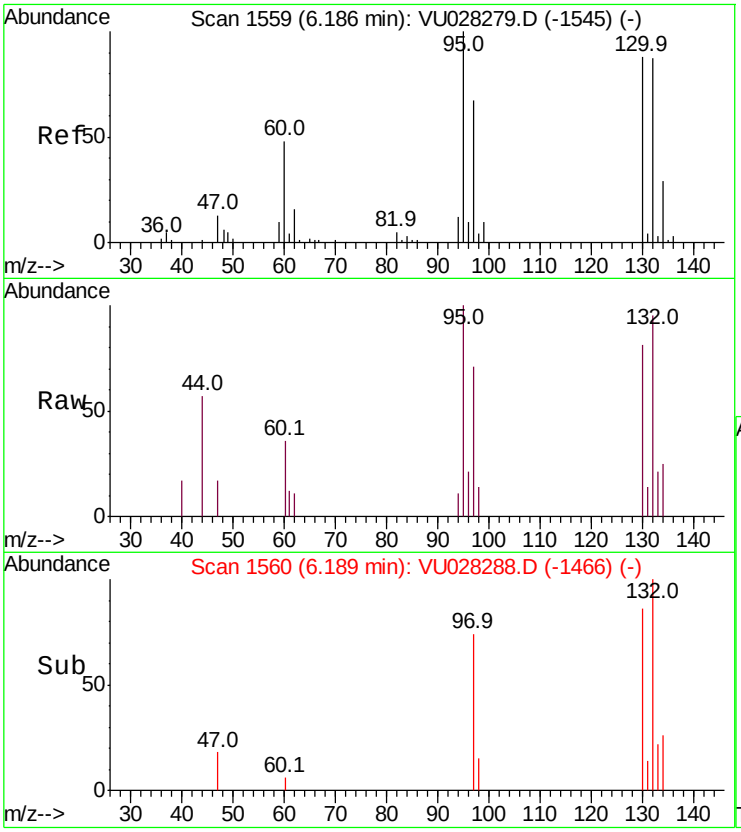


#25
Chloroform
Concen: 0.208 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 83 Resp: 4351

Ion	Ratio	Lower	Upper
83	100		
85	69.4	44.6	82.8



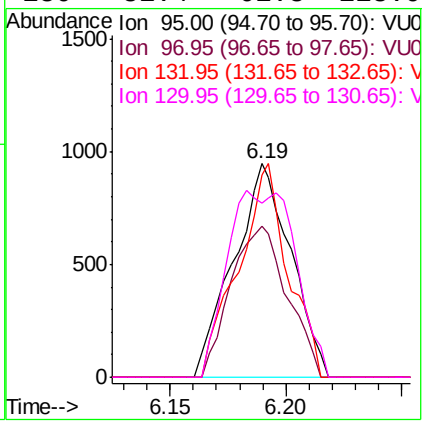


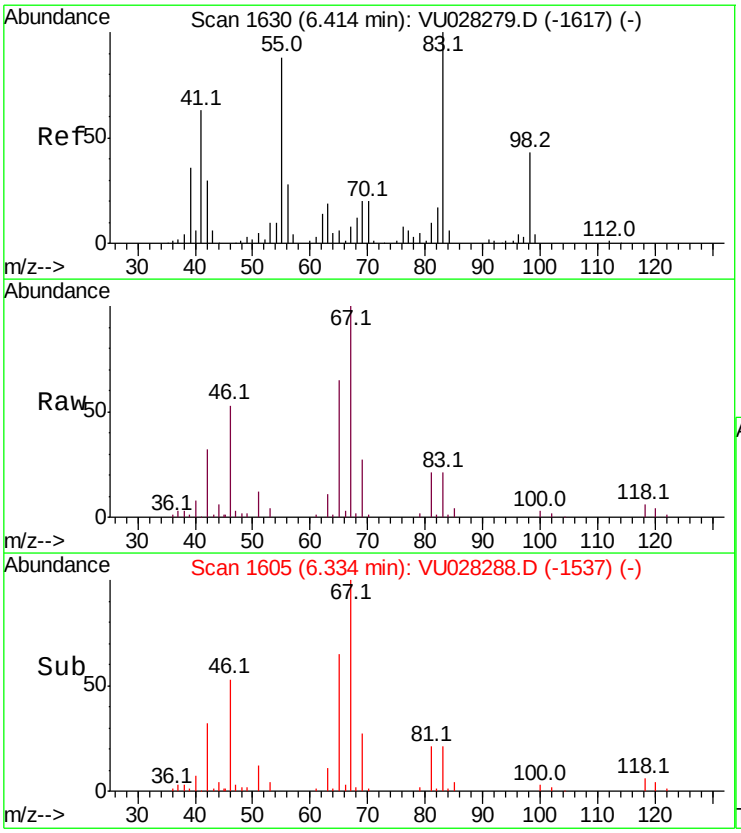
#34
Trichloroethene
Concen: 0.164 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1621

Ion	Ratio	Lower	Upper
95	100		
97	70.6	46.5	86.3
132	94.9	58.9	109.3
130	81.4	61.3	113.9

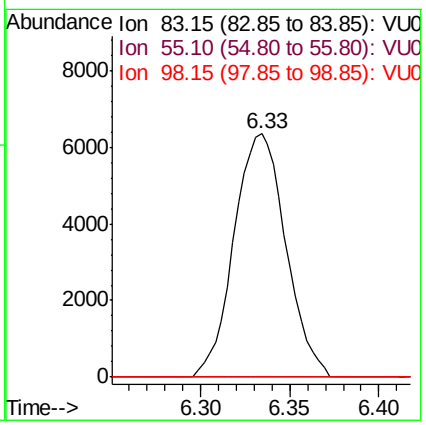


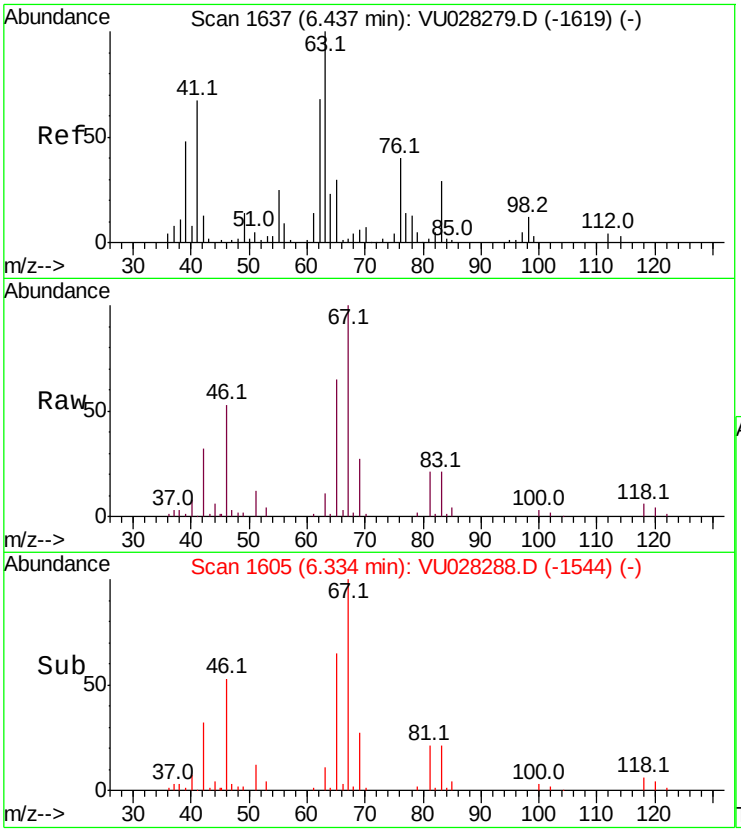


#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 83 Resp: 12857

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.2	109.8#
98	2.8	33.4	50.2#



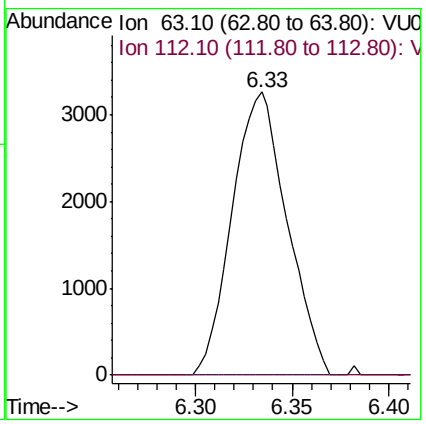


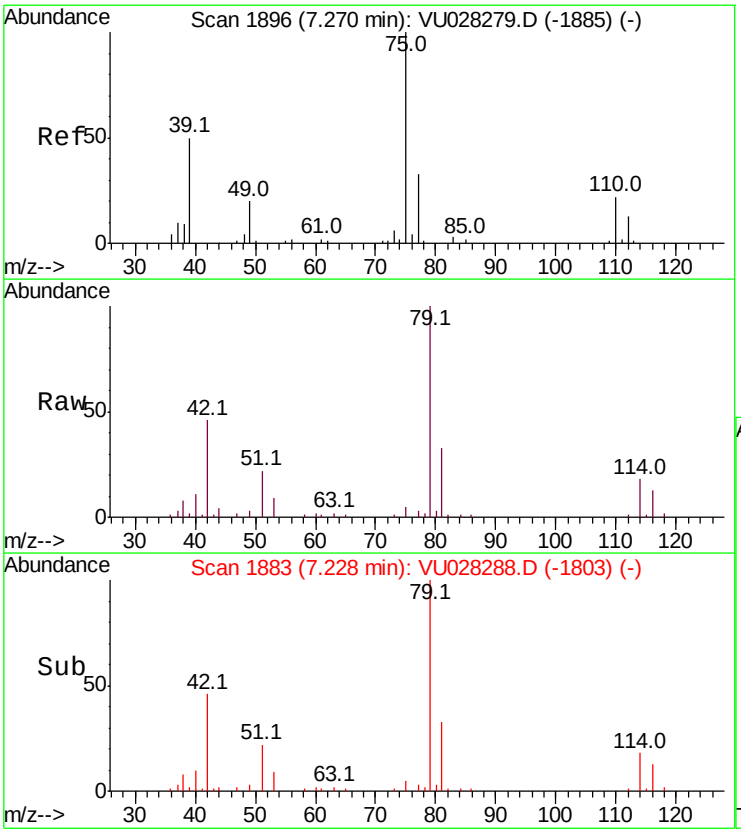
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6459

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

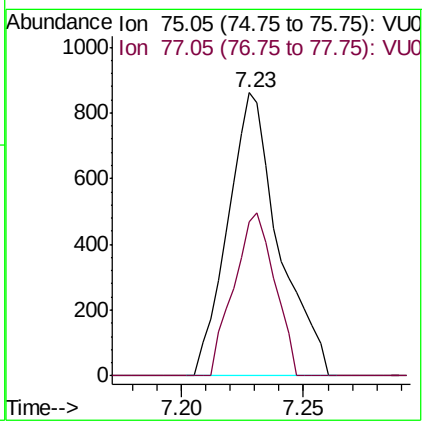


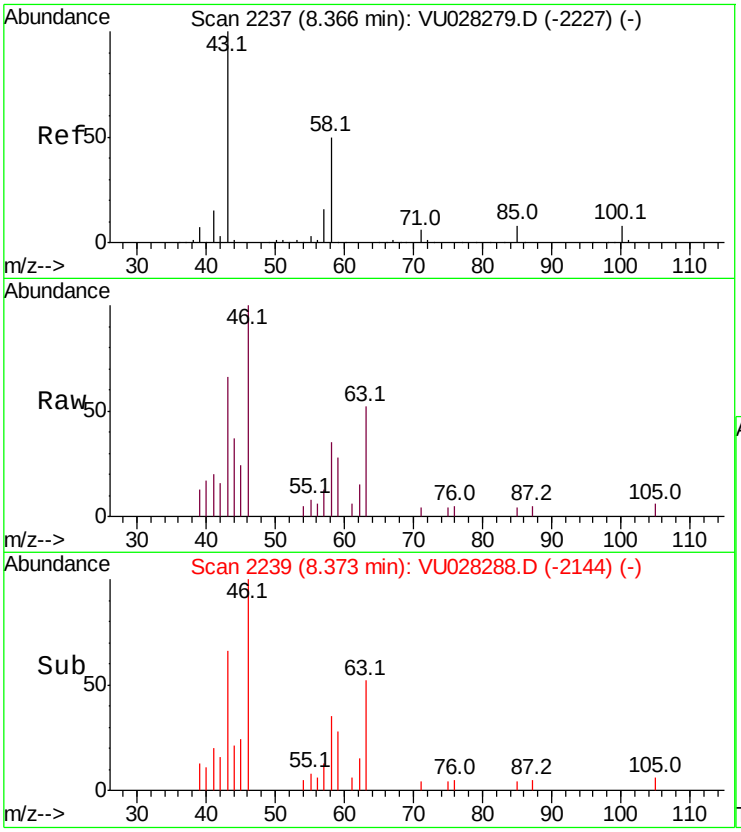


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 75 Resp: 1248

Ion	Ratio	Lower	Upper
75	100		
77	54.6	21.7	40.3#



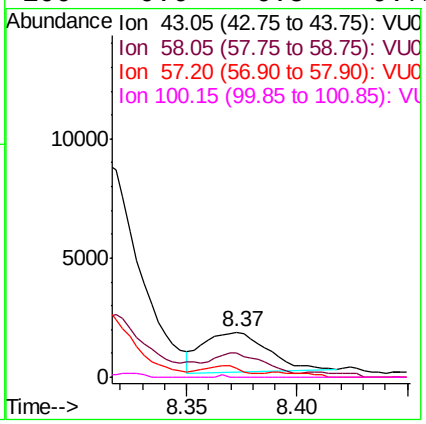


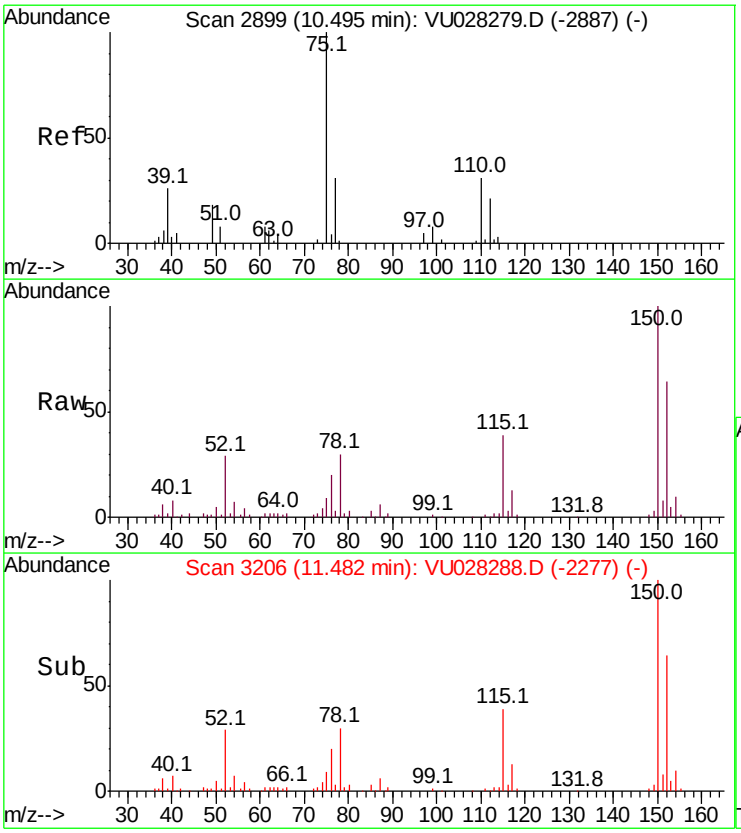
#48
2-Hexanone
Concen: 0.571 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3353

Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.1	61.7
57	11.1	13.8	20.8#
100	0.6	6.5	9.7#





#59
1,2,3-Trichloropropane
Concen: 1.104 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028288.D
Acq: 20 Nov 2018 19:21

Tgt Ion: 75 Resp: 7345

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.7	38.5