Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028210.D
Acq On : 17 Nov 2018 02:30
Operator : MD/SY
Sample : J5986-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 03:51:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164166	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	160862	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69427	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	65640	4.82	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%				
7) Chloroethane-d5	1.68	69	50253	4.64	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%				
11) 1,1-Dichloroethene-d2	2.28	63	93585	3.68	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.60%				
20) 2-Butanone-d5	4.20	46	220066	55.70	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.40%				
24) Chloroform-d	4.65	84	104004	4.80	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%				
26) 1,2-Dichloroethane-d4	5.31	65	63452	5.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%				
32) Benzene-d6	5.34	84	221317	4.79	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%				
36) 1,2-Dichloropropane-d6	6.33	67	77823	4.71	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%				
41) Toluene-d8	7.57	98	188964	4.40	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%				
43) trans-1,3-Dichloropropene-	7.85	79	24486	4.16	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%				
46) 2-Hexanone-d5	8.31	63	161467	47.98	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.96%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56997	4.88	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%				
64) 1,2-Dichlorobenzene-d4	11.86	152	67201	5.18	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	492301	27.997	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1273	0.118	ug/L	#	48
12) 1,1-Dichloroethene	2.29	96	6174	0.566	ug/L	#	1
17) Methyl tert-butyl Ether	3.01	73	139093	4.558	ug/L		99
18) trans-1,2-Dichloroethene	2.98	96	41196	3.550	ug/L		99
19) 1,1-Dichloroethane	3.45	63	58954	2.416	ug/L		98
22) cis-1,2-Dichloroethene	4.23	96	2049095	160.145	ug/L		98
25) Chloroform	4.68	83	3849	0.176	ug/L		95
27) 1,2-Dichloroethane	5.41	62	1147	0.080	ug/L	#	76
33) Benzene	5.39	78	33499	0.618	ug/L		100
34) Trichloroethene	6.19	95	2603192	194.361	ug/L		96
35) Methylcyclohexane	6.33	83	16337	0.710	ug/L	#	15
39) cis-1,3-Dichloropropene	7.23	75	1932	0.095	ug/L		92
47) Tetrachloroethene	8.23	164	47672	4.378	ug/L		96
49) Dibromochloromethane	8.23	129	46449	4.822	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	10012	1.189	ug/L		93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
Data File : VU028210.D
Acq On : 17 Nov 2018 02:30
Operator : MD/SY
Sample : J5986-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 17 03:51:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

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

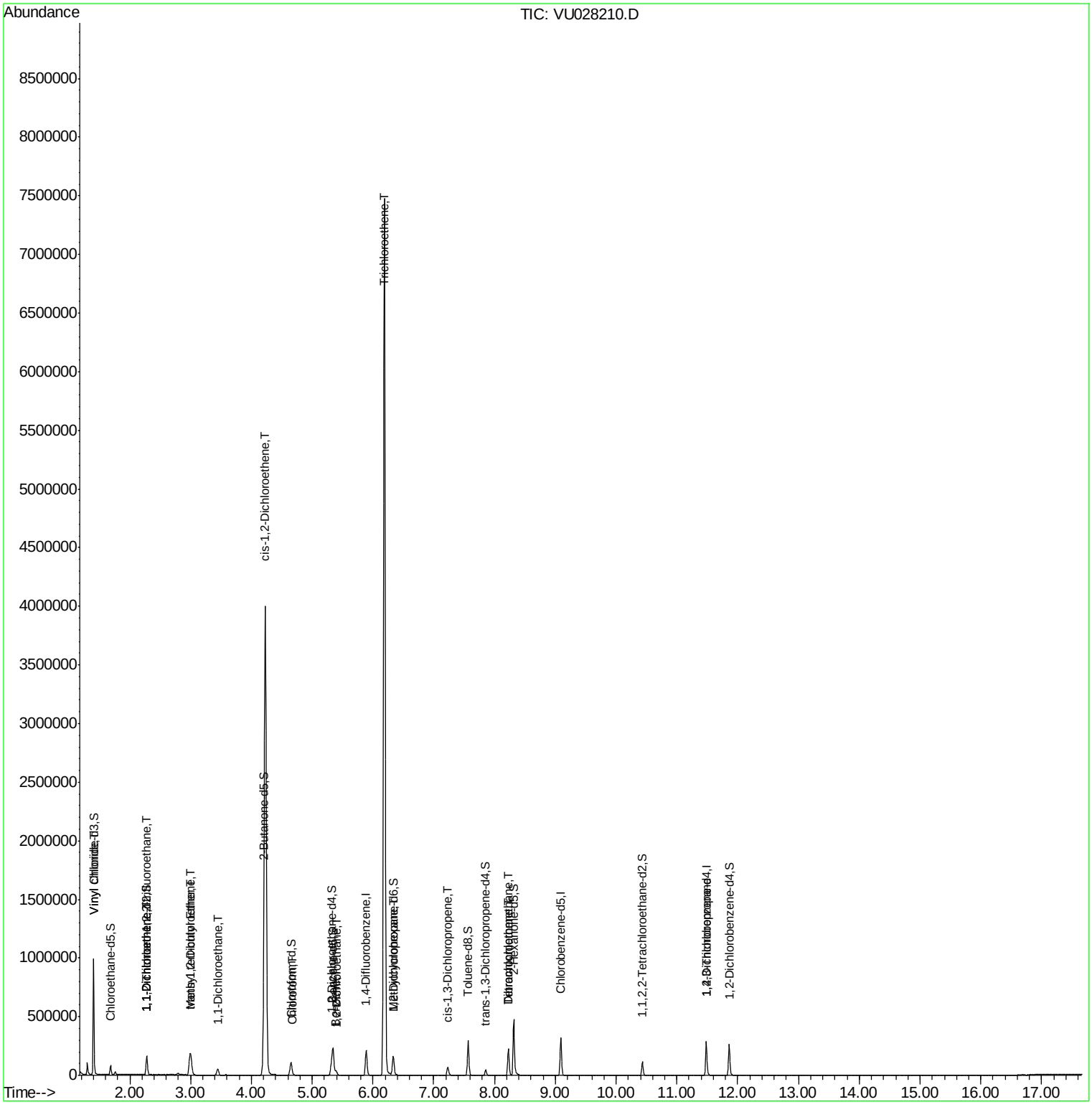
(#) = qualifier out of range (m) = manual integration (+) = signals summed

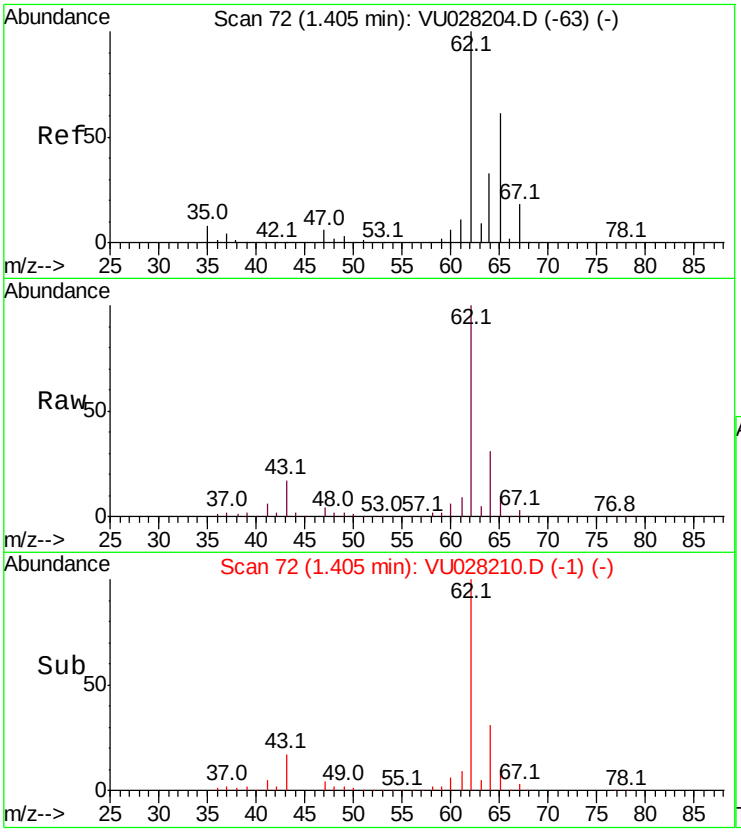
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111618\
Data File : VU028210.D
Acq On : 17 Nov 2018 02:30
Operator : MD/SY
Sample : J5986-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 17 03:51:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration



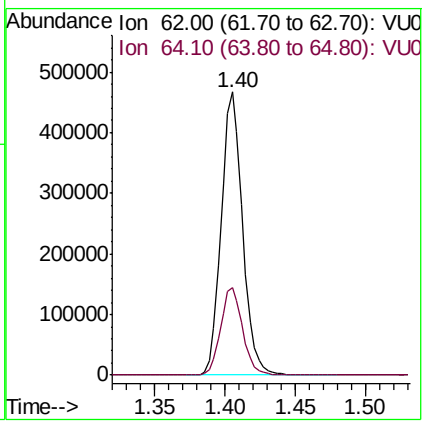


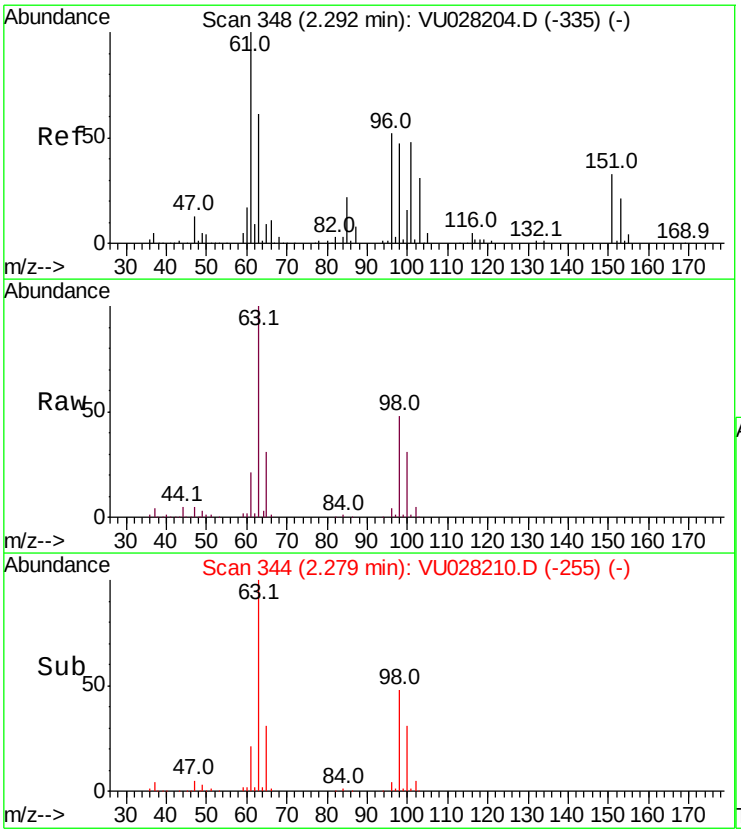
#5
Vinyl chloride
Concen: 27.997 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 492301

Ion	Ratio	Lower	Upper
62	100		
64	31.1	22.7	42.3

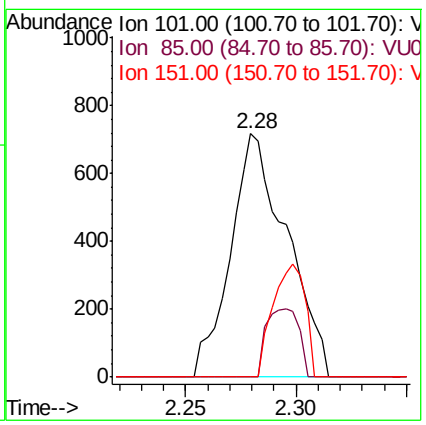


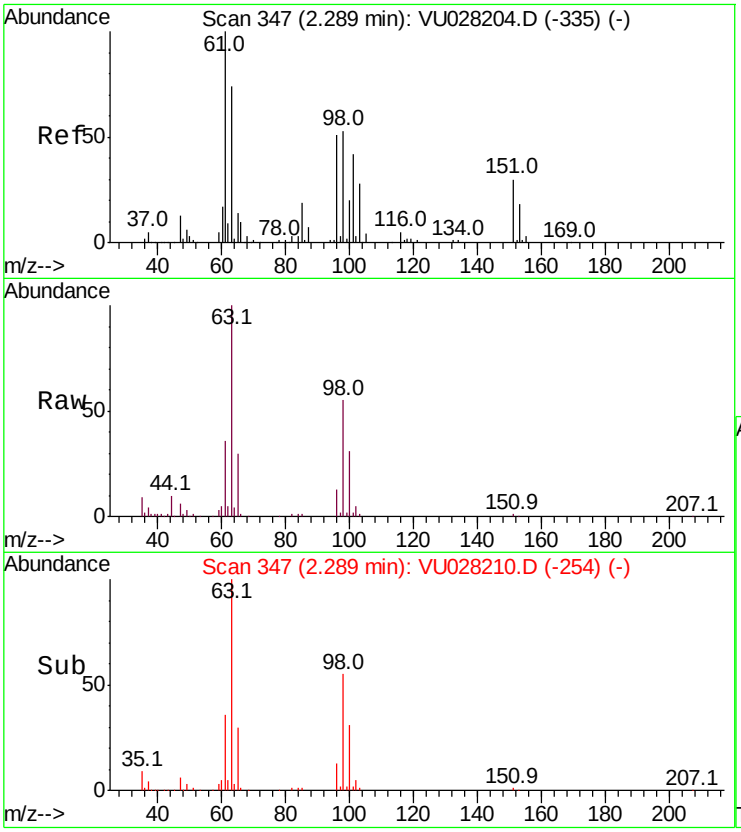


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion:101 Resp: 1273

Ion	Ratio	Lower	Upper
101	100		
85	16.0	37.6	56.4#
151	26.2	58.2	87.2#



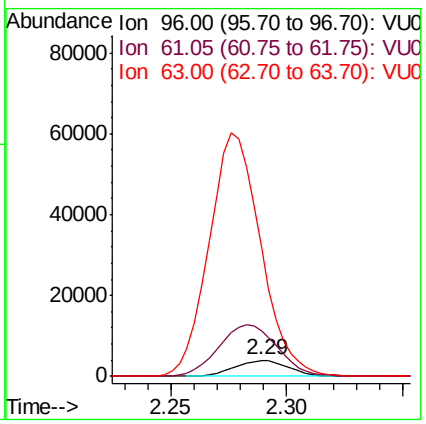


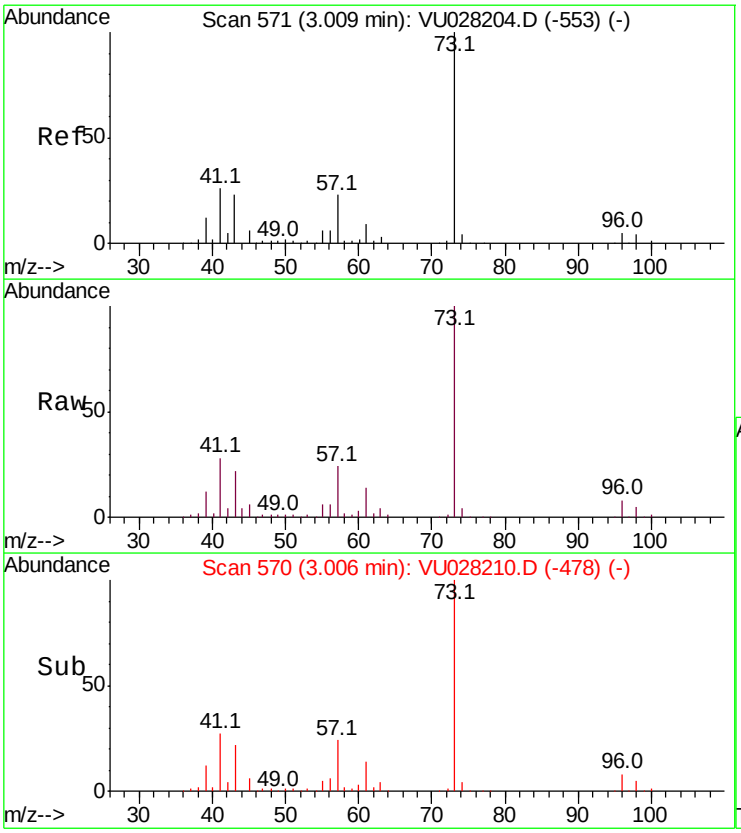
#12
1,1-Dichloroethene
Concen: 0.566 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6174

Ion	Ratio	Lower	Upper
96	100		
61	285.5	134.8	250.3#
63	796.1	100.1	185.9#

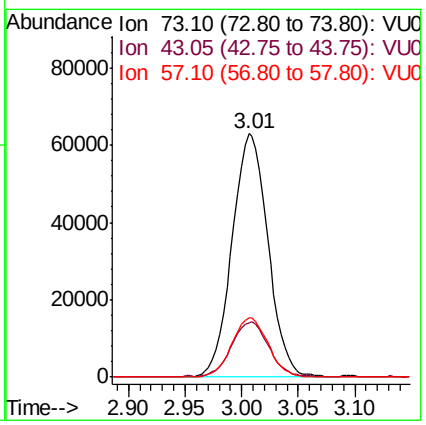


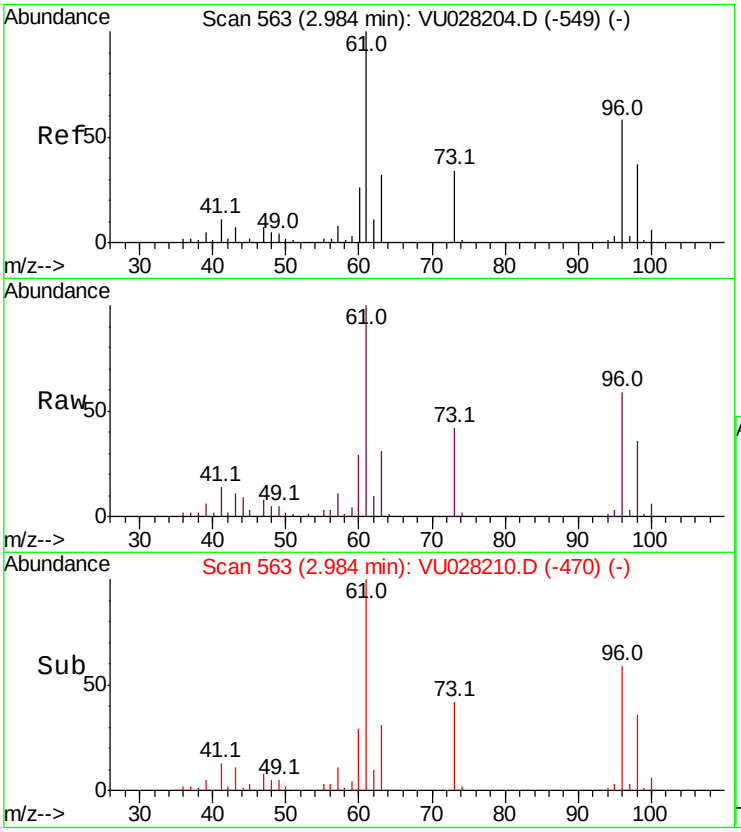


#17
Methyl tert-butyl Ether
Concen: 4.558 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 73 Resp: 139093

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.1	27.1
57	24.5	20.0	30.0



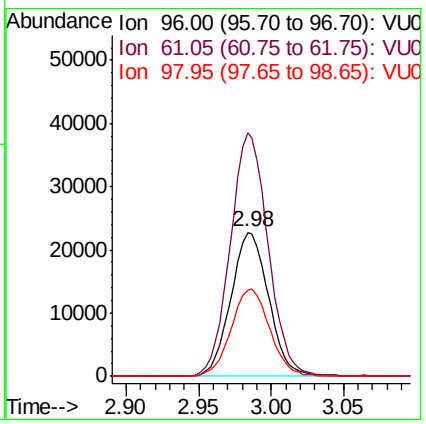


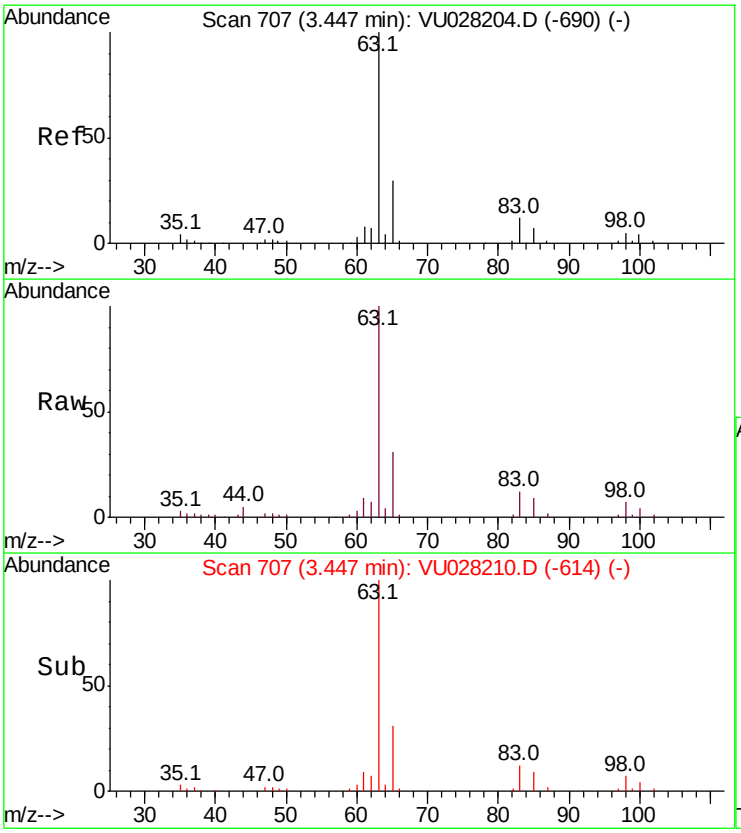
#18
trans-1,2-Dichloroethene
Concen: 3.550 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 41196

Ion	Ratio	Lower	Upper
96	100		
61	169.1	118.5	220.1
98	60.2	44.9	83.5

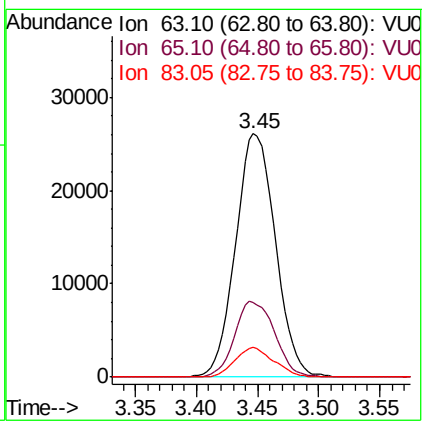


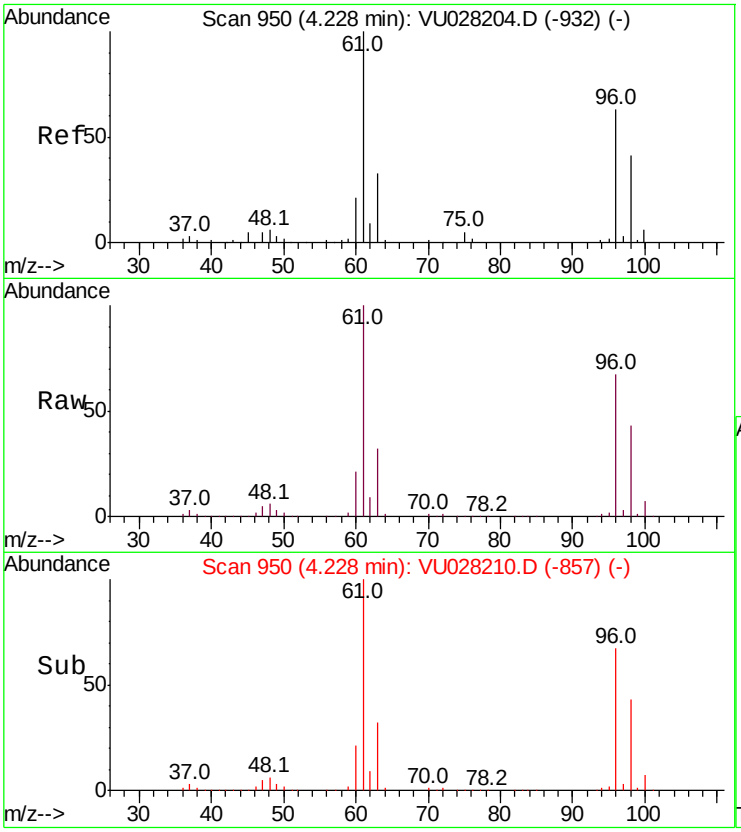


#19
1,1-Dichloroethane
Concen: 2.416 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 63 Resp: 58954

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.2	41.2
83	12.2	8.9	16.5



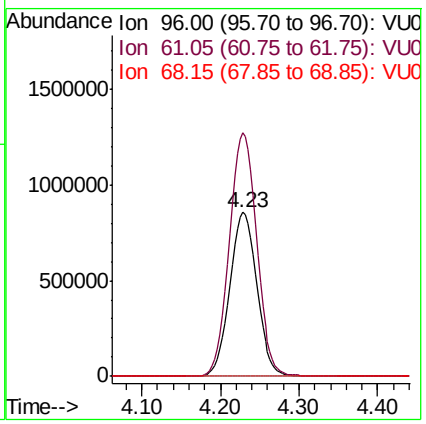


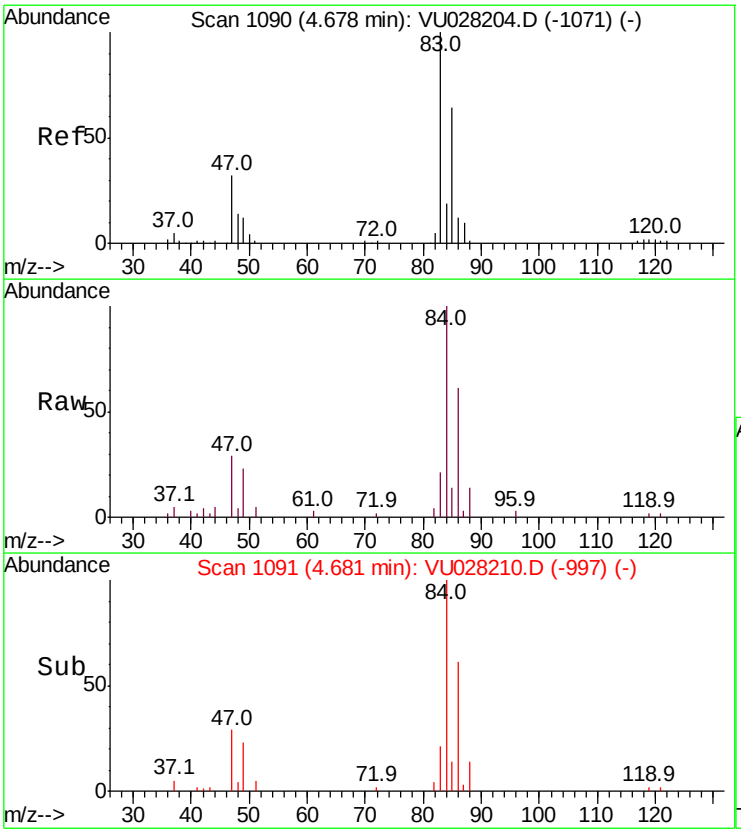
#22
cis-1,2-Dichloroethene
Concen: 160.145 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2049095

Ion	Ratio	Lower	Upper
96	100		
61	148.5	101.8	189.0
68	0.0	0.0	0.0

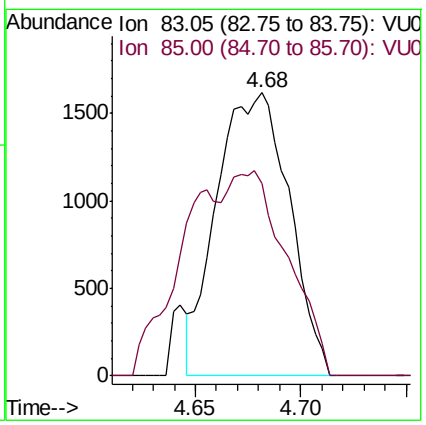


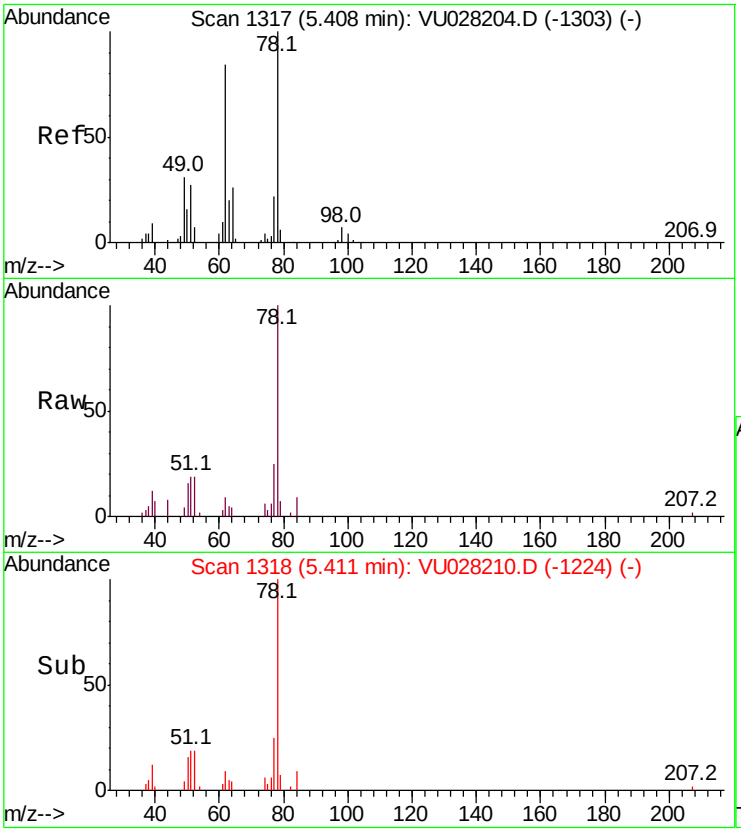


#25
Chloroform
Concen: 0.176 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 83 Resp: 3849

Ion	Ratio	Lower	Upper
83	100		
85	68.0	45.0	83.6



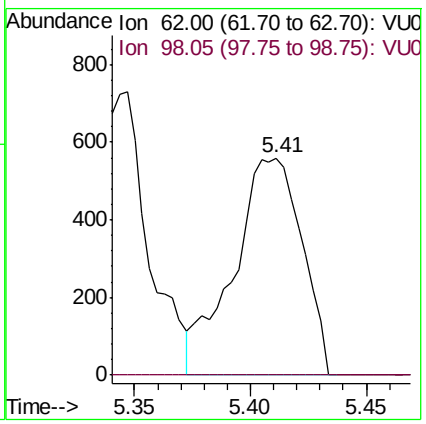


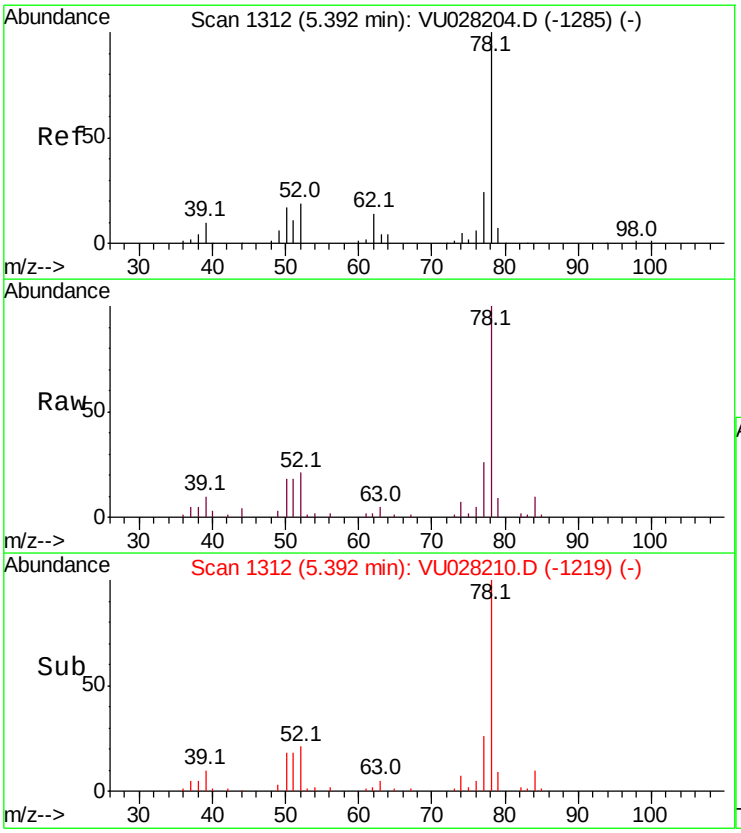
#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1147

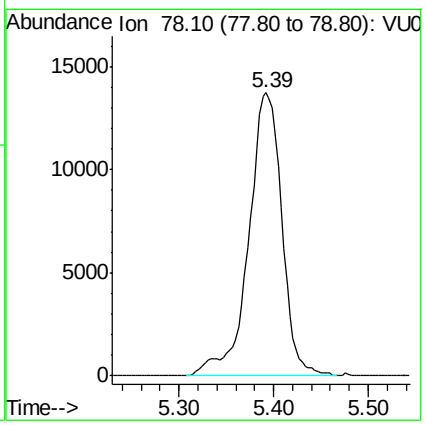
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

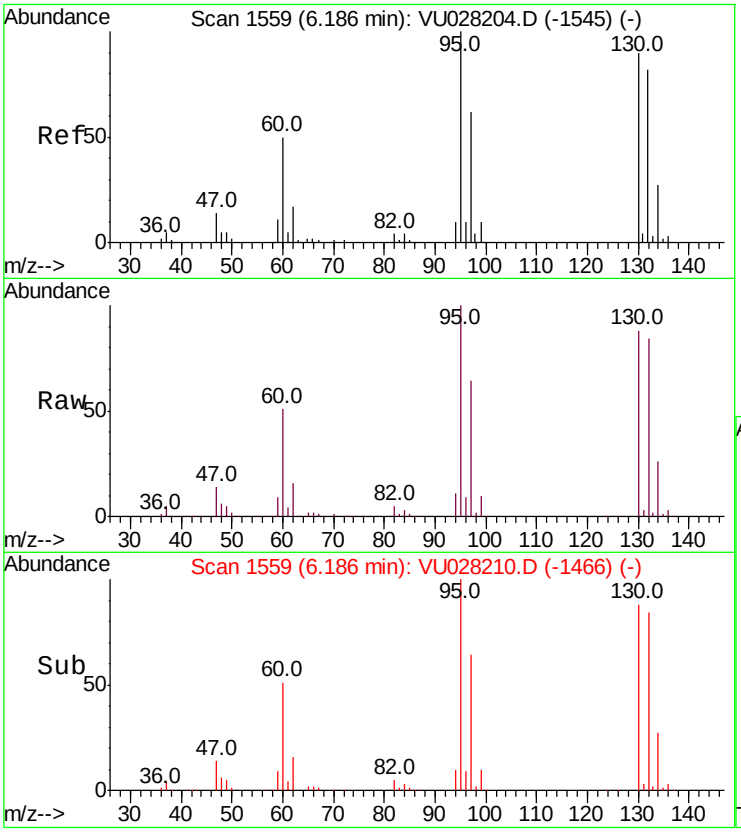




#33
Benzene
Concen: 0.618 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 78 Resp: 33499



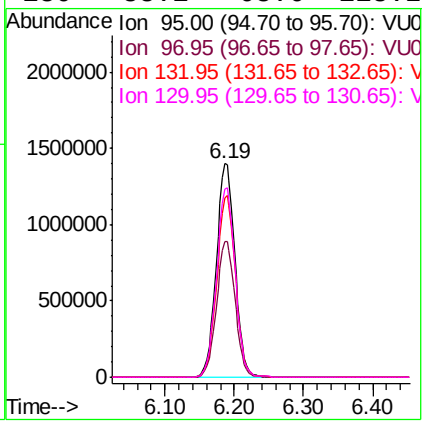


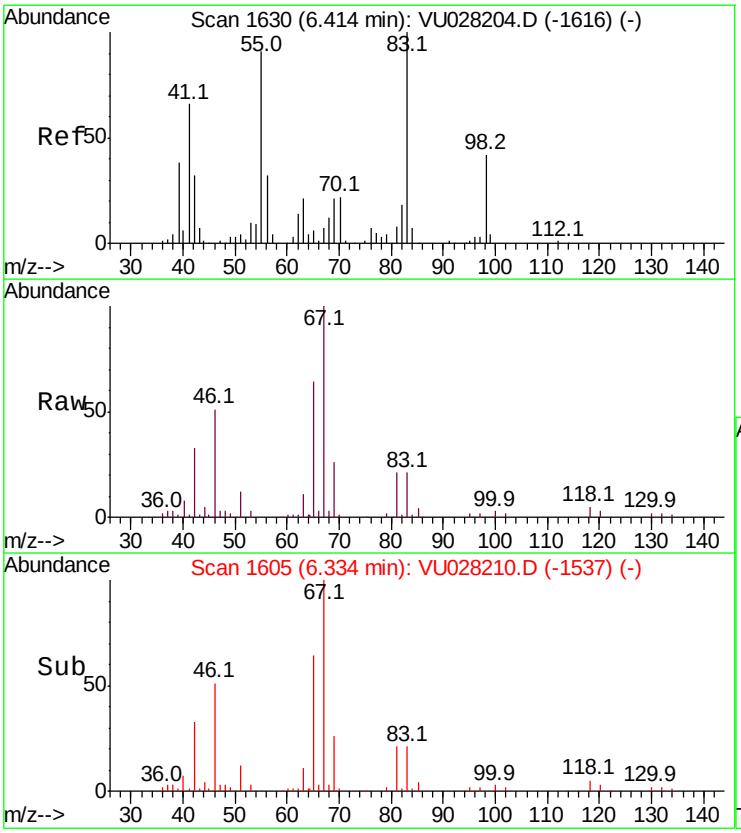
#34
Trichloroethene
Concen: 194.361 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 2603192

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.3	84.1
132	83.7	63.0	117.0
130	88.1	63.6	118.2

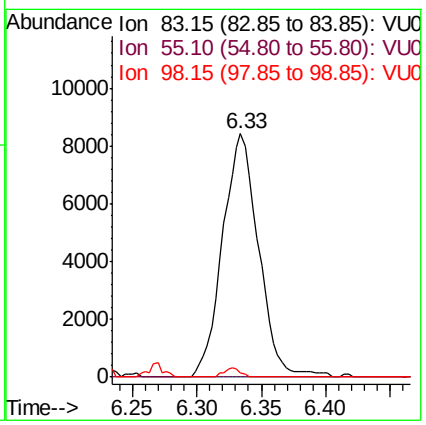


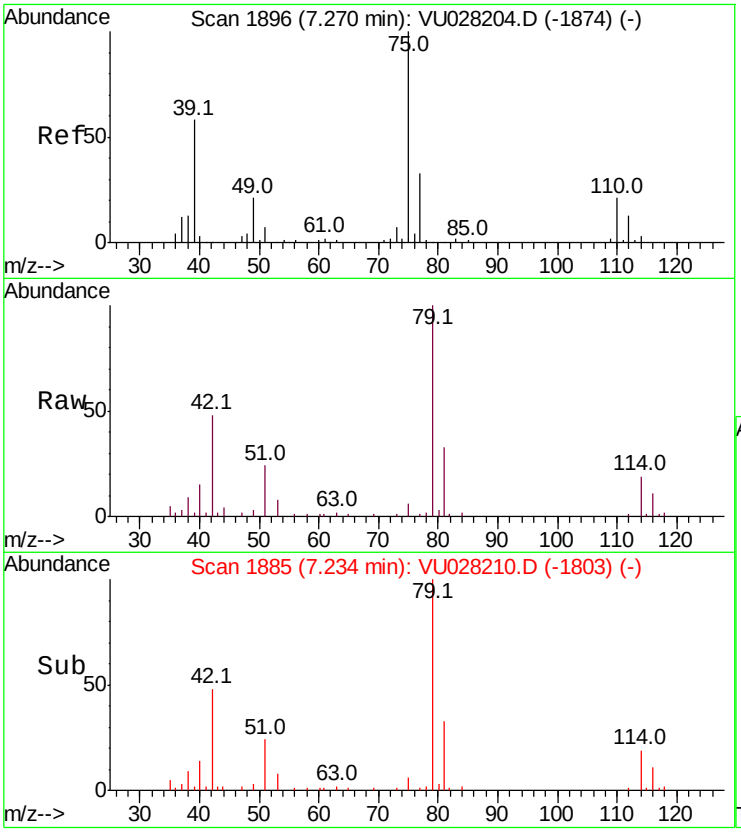


#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 83 Resp: 16337

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.0	33.3	49.9#



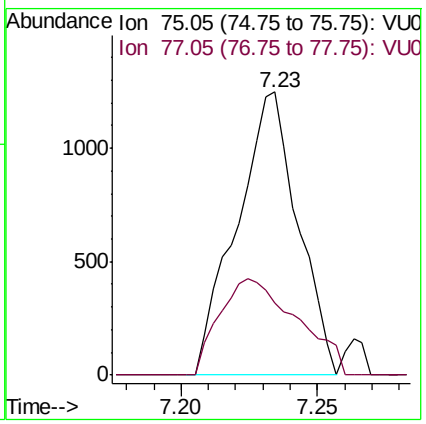


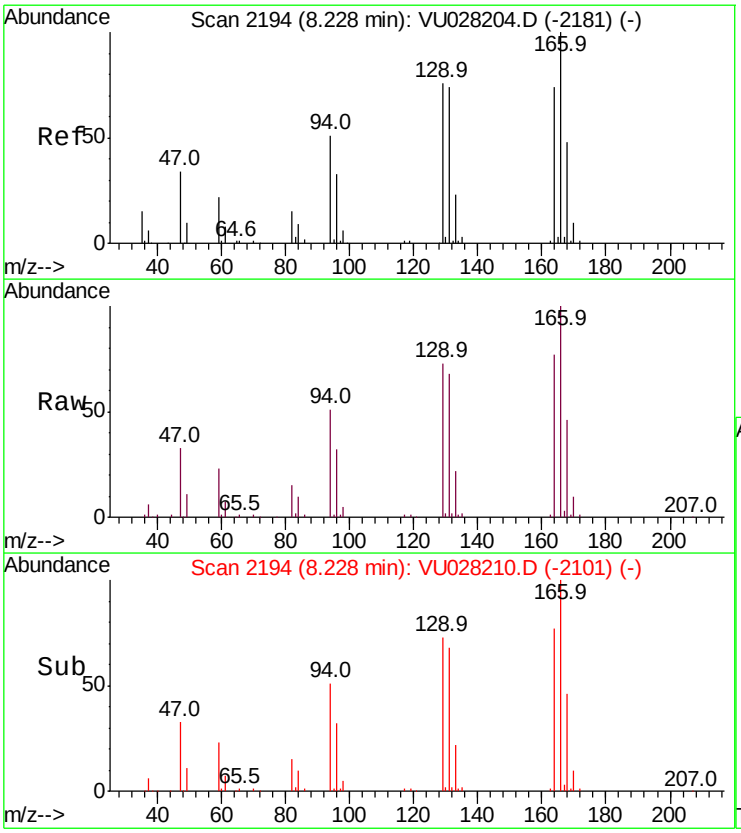
#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1932

Ion	Ratio	Lower	Upper
75	100		
77	25.6	20.9	38.9

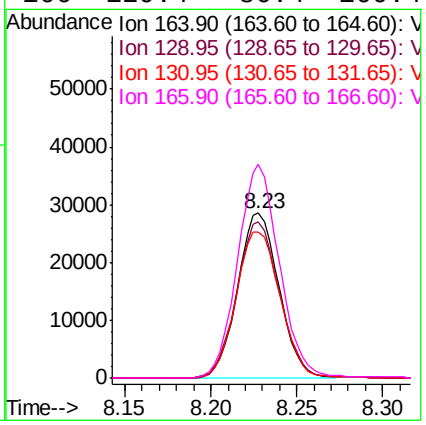


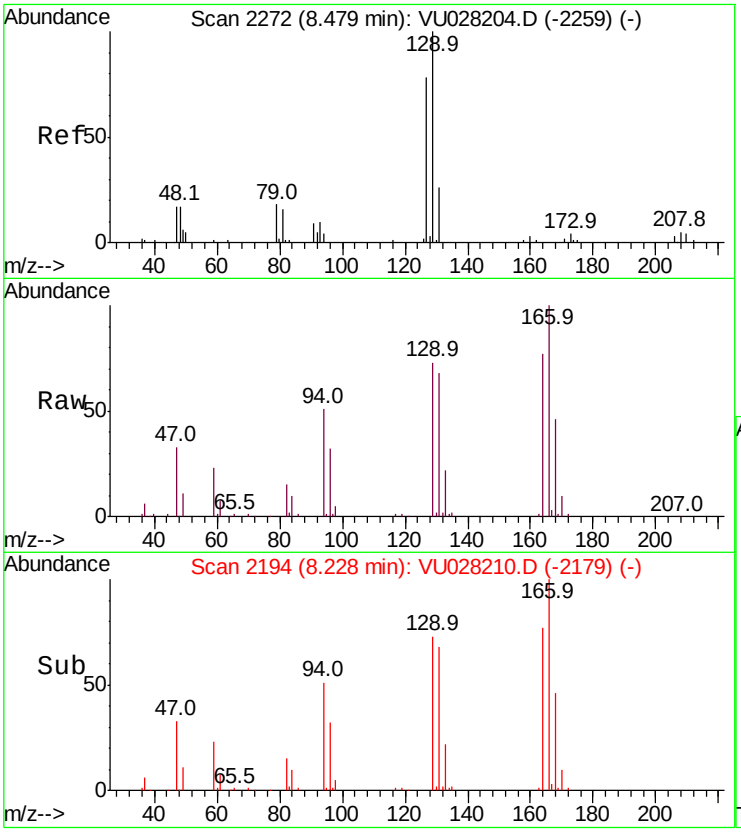


#47
Tetrachloroethene
Concen: 4.378 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion:164 Resp: 47672

Ion	Ratio	Lower	Upper
164	100		
129	94.7	69.7	129.4
131	88.6	64.0	118.8
166	129.4	86.4	160.4



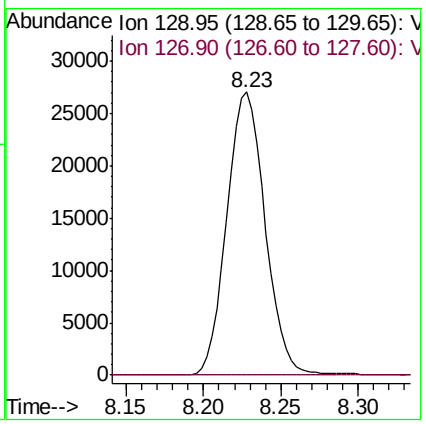


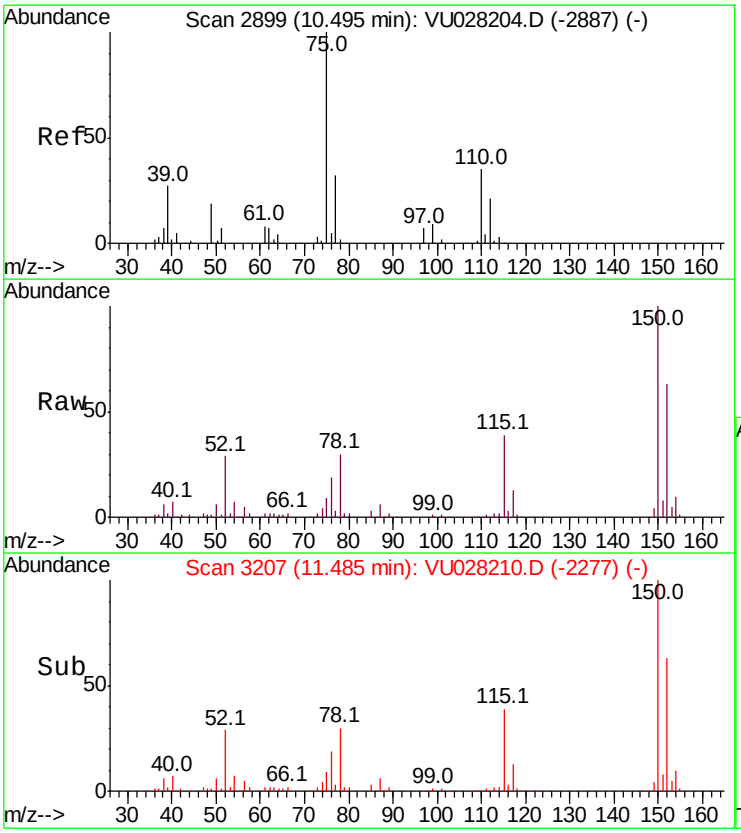
#49
Dibromochloromethane
Concen: 4.822 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 46449

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028210.D
Acq: 17 Nov 2018 02:30

Tgt Ion: 75 Resp: 10012

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.0