Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028233.D
Acq On : 17 Nov 2018 18:42
Operator : MD/SY
Sample : J5986-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Quant Time: Nov 19 03:11:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65004	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52464	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.68	69	45741	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.28	63	79029	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.19	46	194867	51.07	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.14%			
24) Chloroform-d	4.65	84	96341	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.31	65	57473	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.34	84	197524	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.33	67	73999	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.57	98	174021	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.85	79	20797	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.31	63	144950	49.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51187	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57234	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	8727	0.567	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	572	0.058	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	645	0.069	ug/L #	1
16) Methylene chloride	2.71	84	3102	0.264	ug/L	86
17) Methyl tert-butyl Ether	3.01	73	20736	0.740	ug/L	94
18) trans-1,2-Dichloroethene	2.99	96	2708	0.273	ug/L	94
19) 1,1-Dichloroethane	3.45	63	1773	0.077	ug/L #	81
22) cis-1,2-Dichloroethene	4.23	96	88817	7.562	ug/L	93
25) Chloroform	4.67	83	6506	0.261	ug/L	99
34) Trichloroethene	6.19	95	17718	1.502	ug/L	96
35) Methylcyclohexane	6.33	83	15203	0.818	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7454	0.542	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1355	0.078	ug/L #	80
48) 2-Hexanone	8.37	43	3088	0.440	ug/L #	81
49) Dibromochloromethane	8.23	129	605	0.072	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	9781	1.231	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028233.D
Acq On : 17 Nov 2018 18:42
Operator : MD/SY
Sample : J5986-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Quant Time: Nov 19 03:11:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 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\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028233.D
Acq On : 17 Nov 2018 18:42
Operator : MD/SY
Sample : J5986-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
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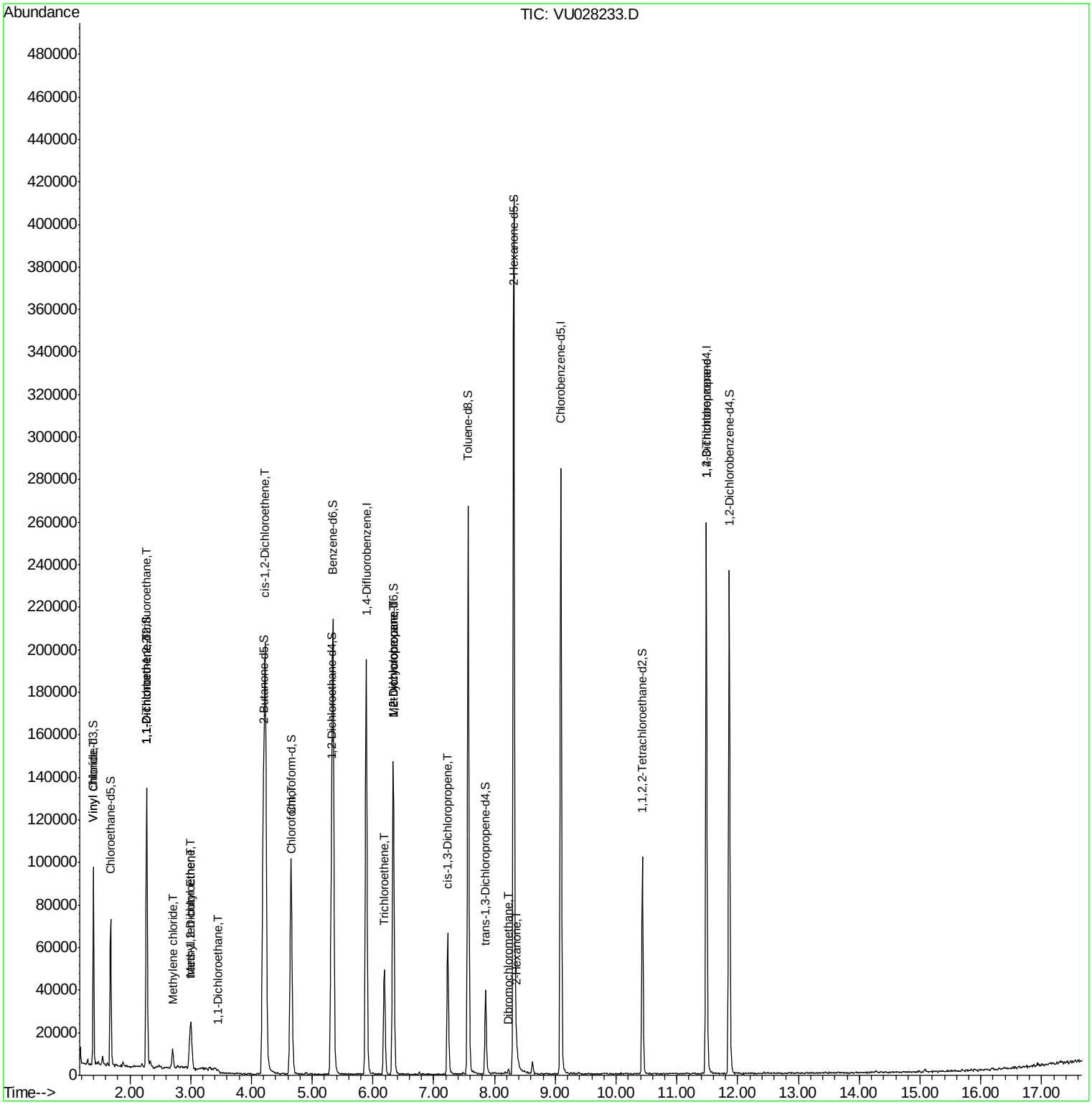
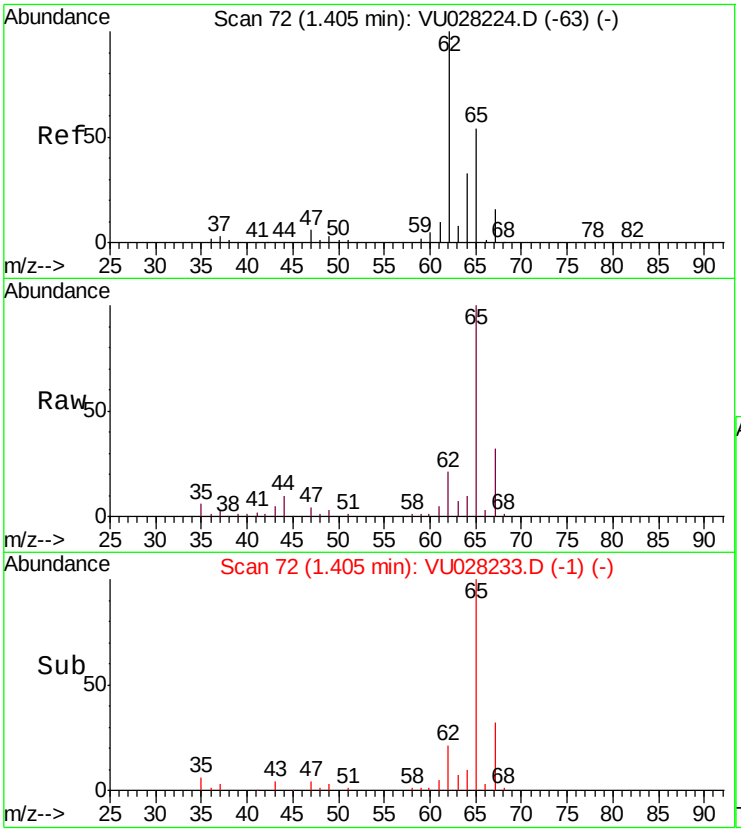
Quant Time: Nov 19 03:11:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration



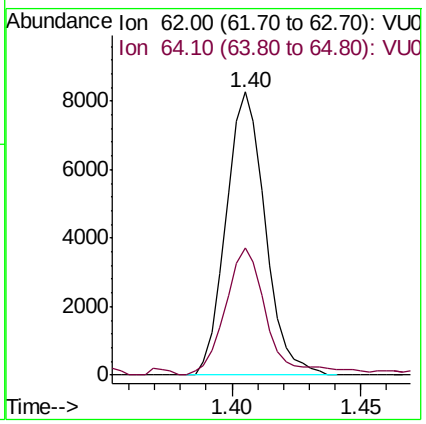


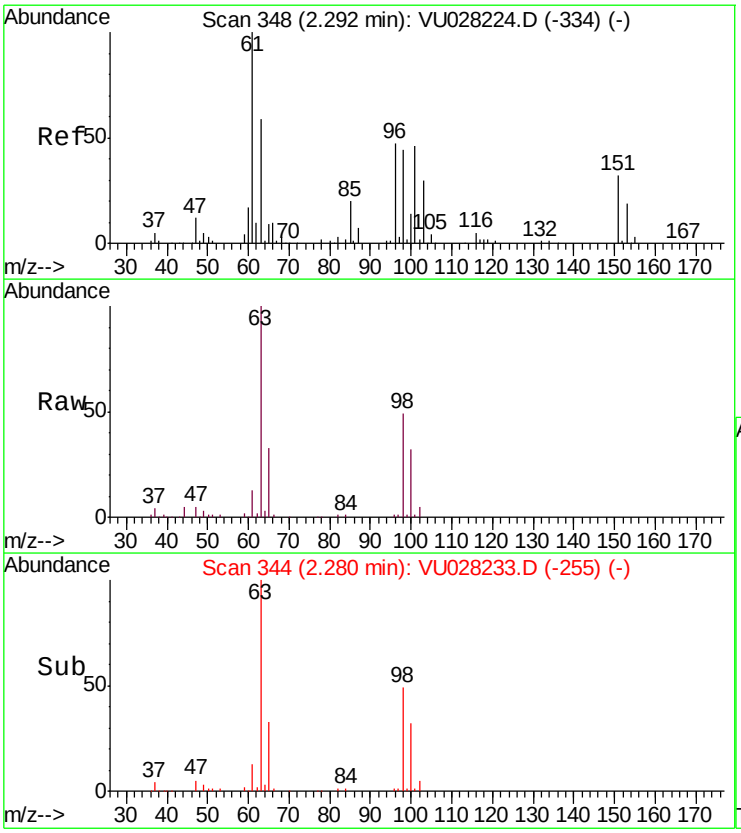
#5
Vinyl chloride
Concen: 0.567 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument :
MSVOA_U
ClientSampleId :
H0FG8DL

Tgt Ion: 62 Resp: 8727

Ion	Ratio	Lower	Upper
62	100		
64	44.9	21.7	40.3#

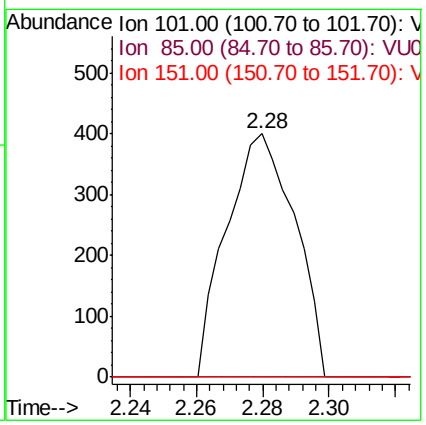


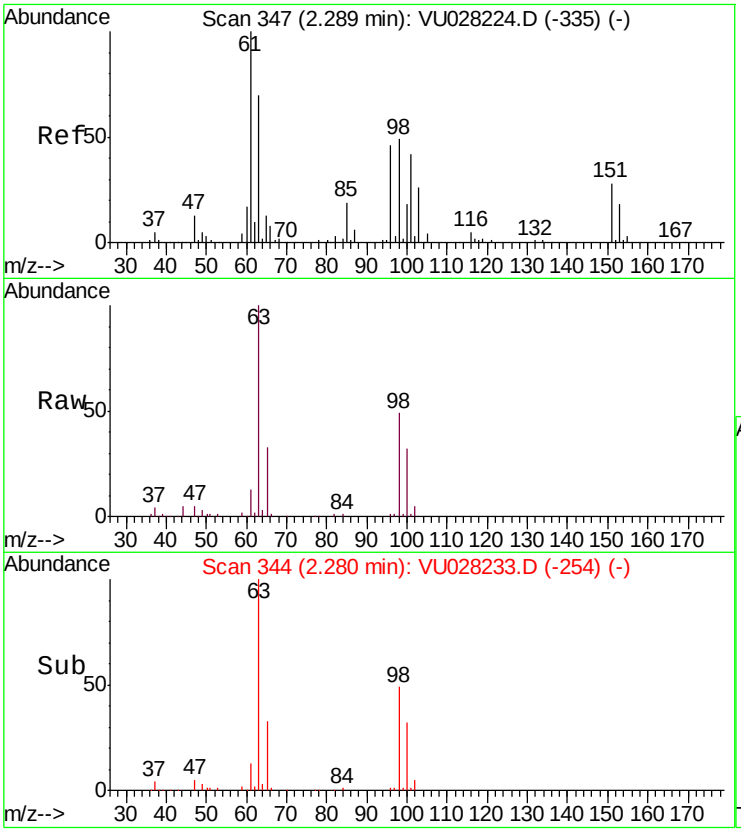


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion:101 Resp: 572

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



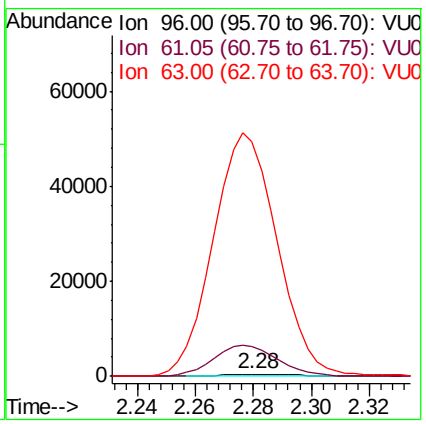


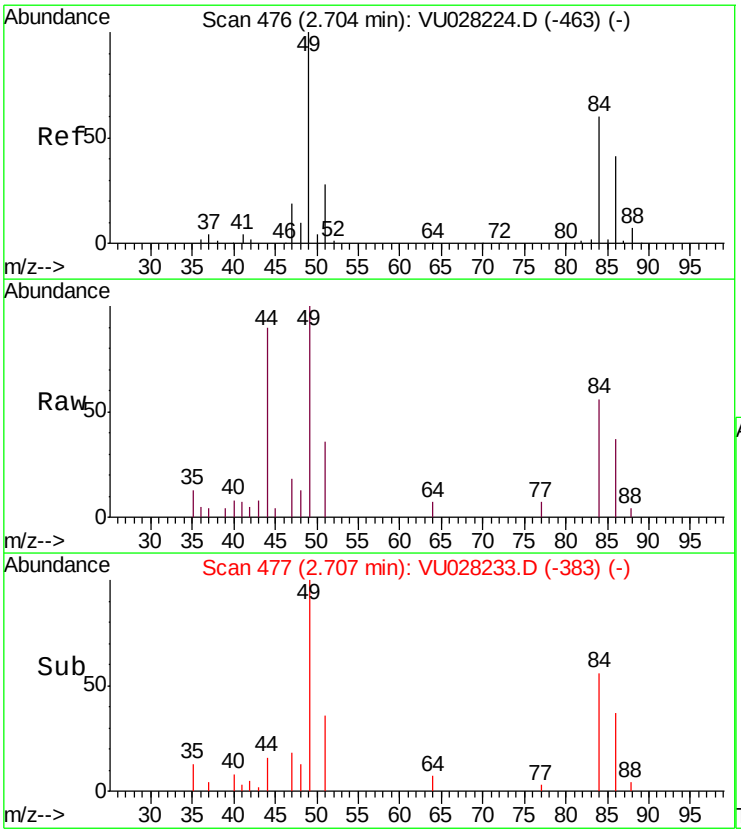
#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Tgt Ion: 96 Resp: 645

Ion	Ratio	Lower	Upper
96	100		
61	1618.2	145.5	270.1#
63	12856.1	98.6	183.2#

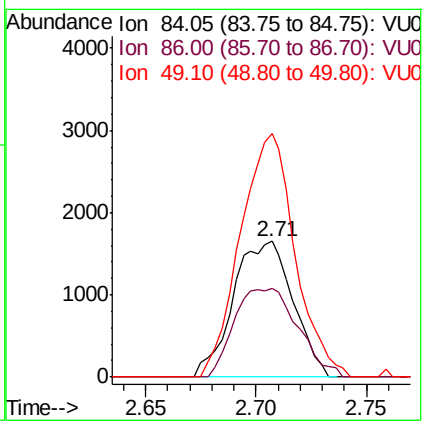


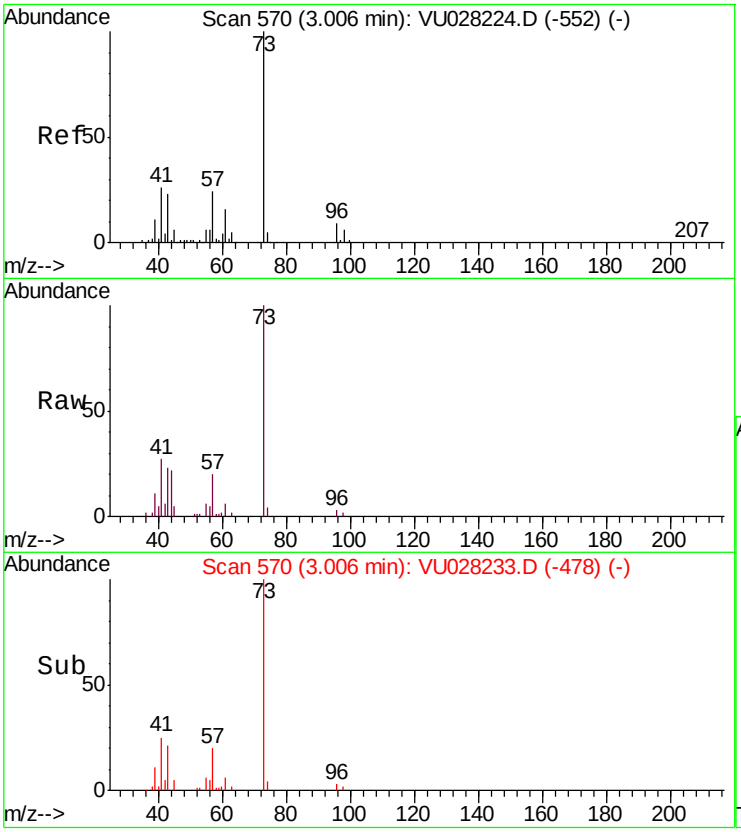


#16
Methylene chloride
Concen: 0.264 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 84 Resp: 3102

Ion	Ratio	Lower	Upper
84	100		
86	65.6	45.3	84.1
49	179.5	107.9	200.5



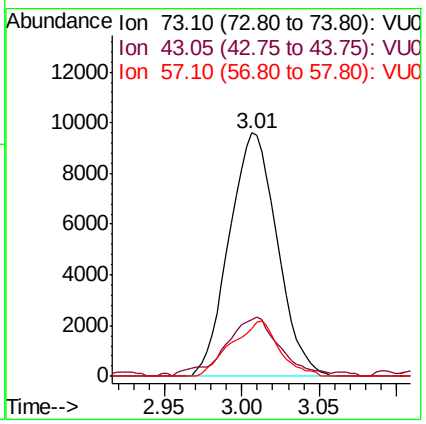


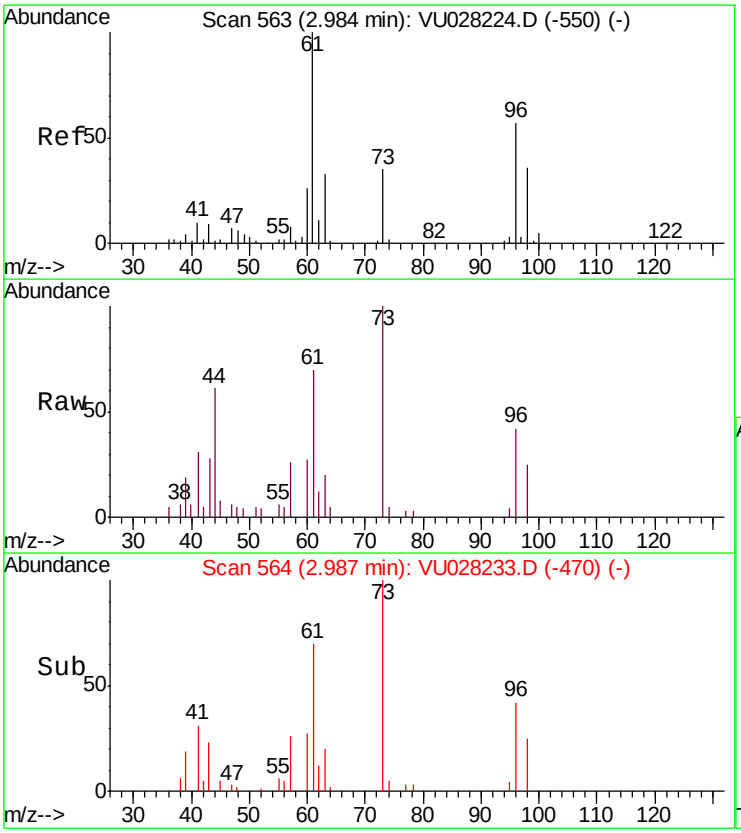
#17
Methyl tert-butyl Ether
Concen: 0.740 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument :
MSVOA_U
ClientSampleId :
H0FG8DL

Tgt Ion: 73 Resp: 20736

Ion	Ratio	Lower	Upper
73	100		
43	27.6	18.8	28.2
57	22.6	19.2	28.8

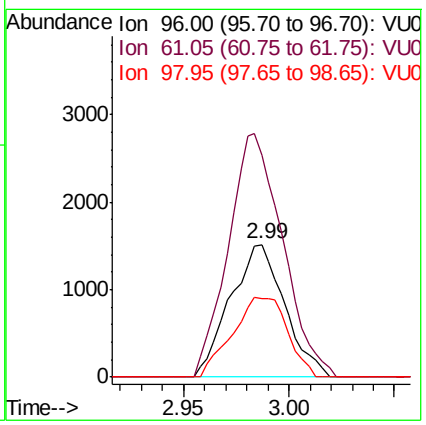


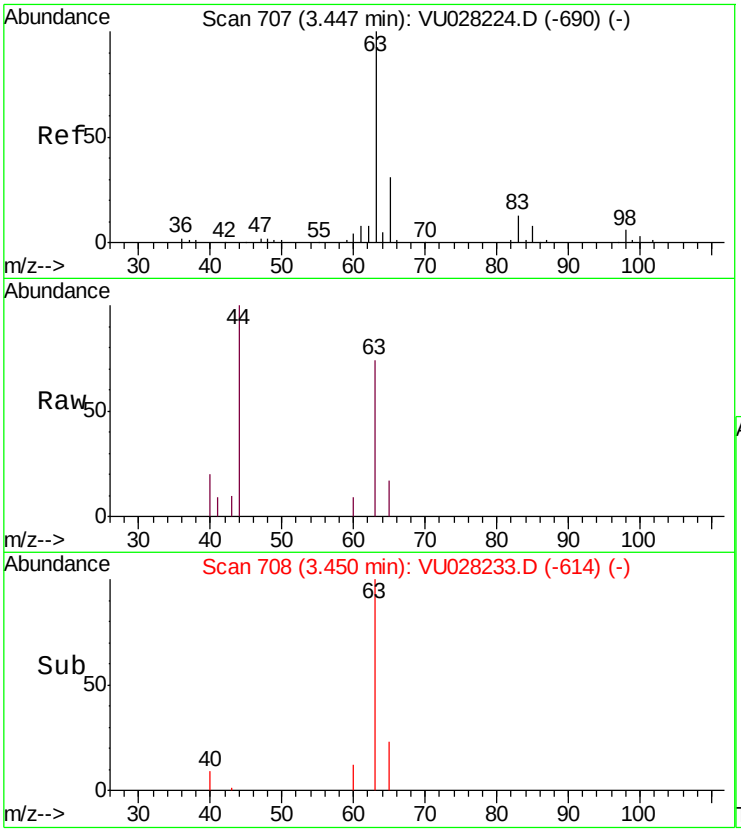


#18
trans-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 96 Resp: 2708

Ion	Ratio	Lower	Upper
96	100		
61	167.1	122.2	227.0
98	58.9	44.9	83.5



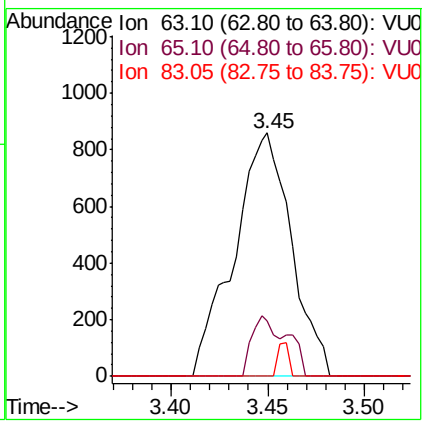


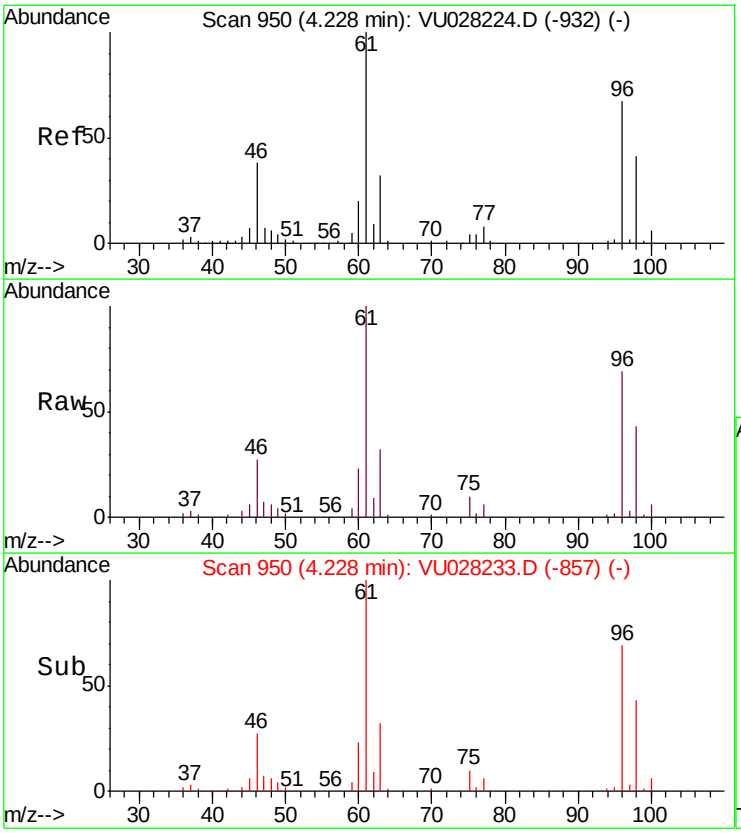
#19
1,1-Dichloroethane
Concen: 0.077 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Tgt Ion: 63 Resp: 1773

Ion	Ratio	Lower	Upper
63	100		
65	22.8	21.2	39.4
83	0.0	8.8	16.4#

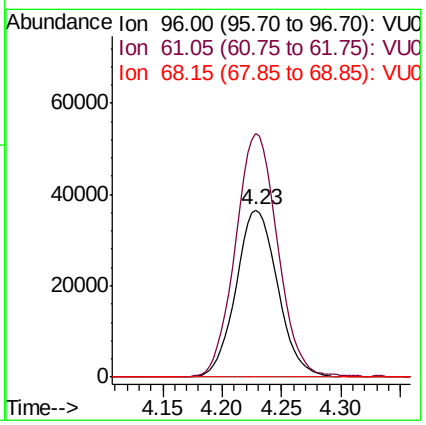


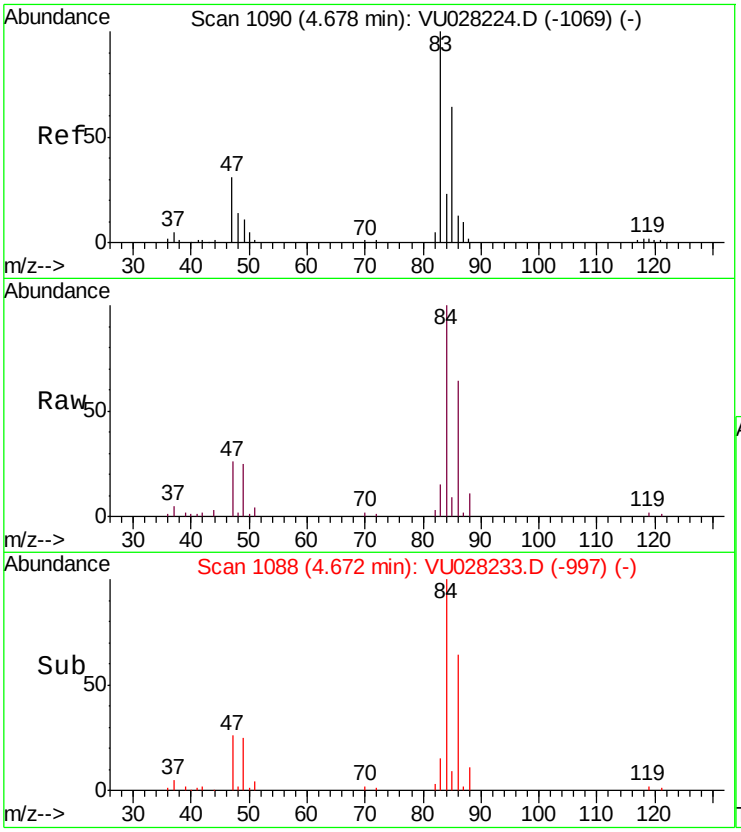


#22
cis-1,2-Dichloroethene
Concen: 7.562 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 96 Resp: 88817

Ion	Ratio	Lower	Upper
96	100		
61	145.7	108.0	200.6
68	0.0	0.0	0.0



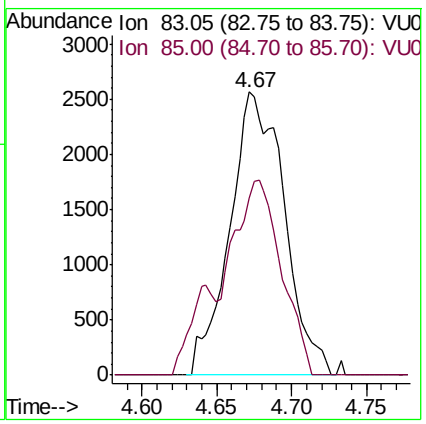


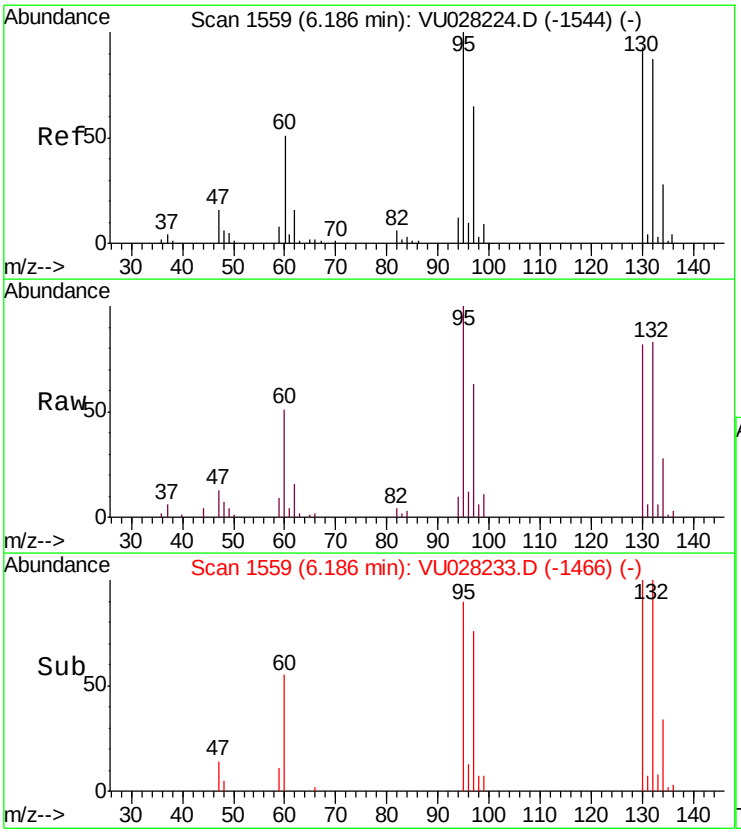
#25
Chloroform
Concen: 0.261 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Tgt Ion: 83 Resp: 6506

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.6	82.8

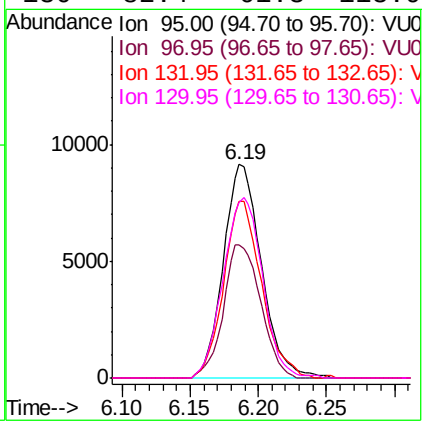


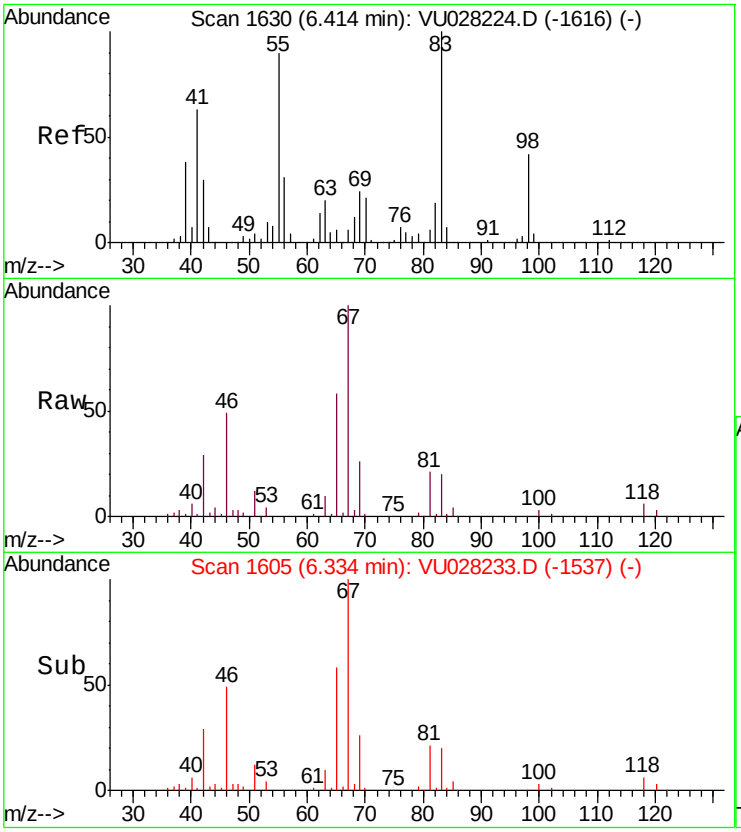


#34
Trichloroethene
Concen: 1.502 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 95 Resp: 17718

Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.3
132	82.7	58.9	109.3
130	82.4	61.3	113.9



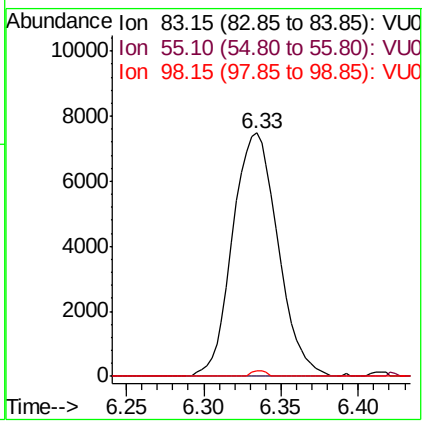


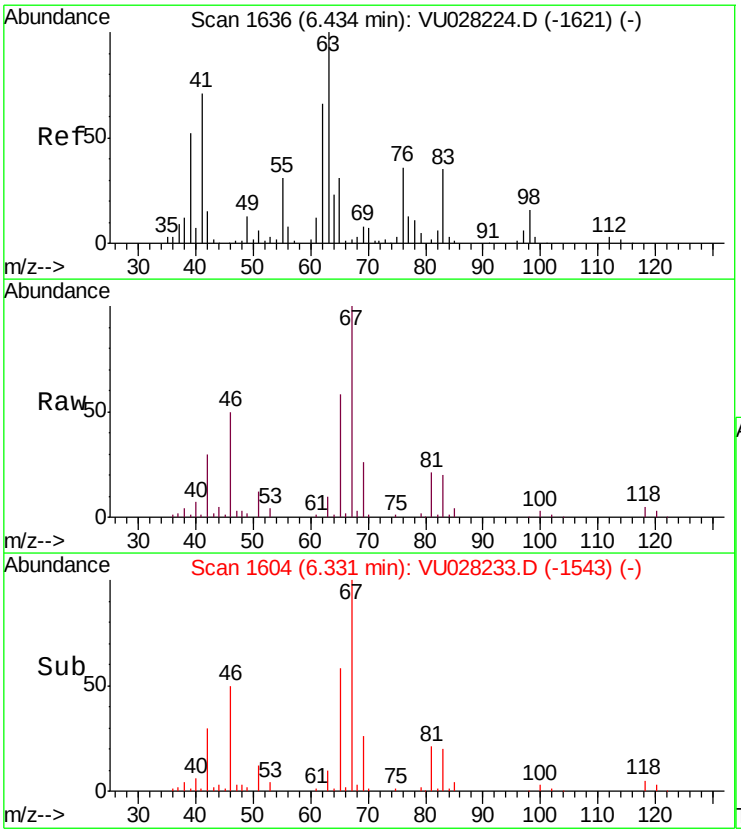
#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Tgt Ion: 83 Resp: 15203

Ion	Ratio	Lower	Upper
83	100		
55	0.3	73.2	109.8#
98	0.8	33.4	50.2#

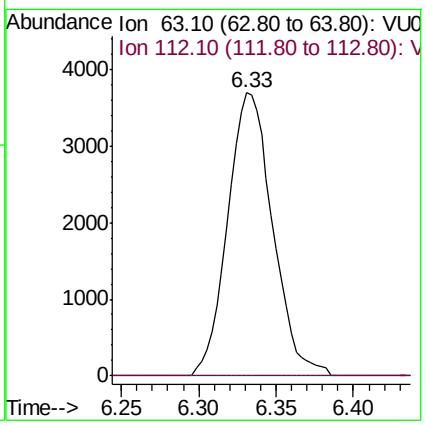


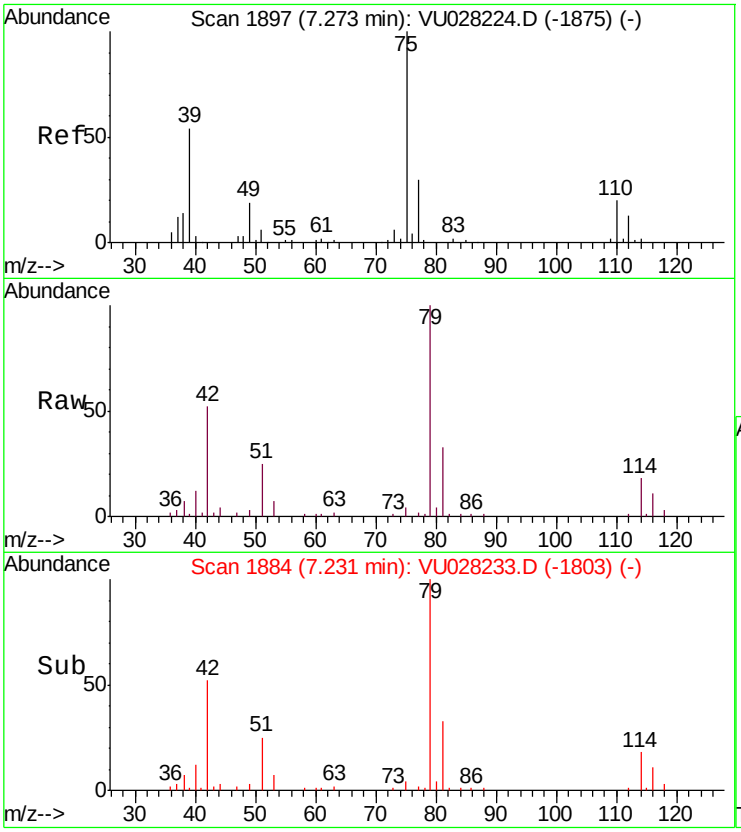


#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 63 Resp: 7454

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#



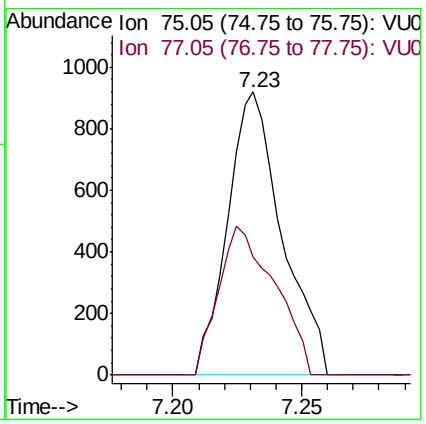


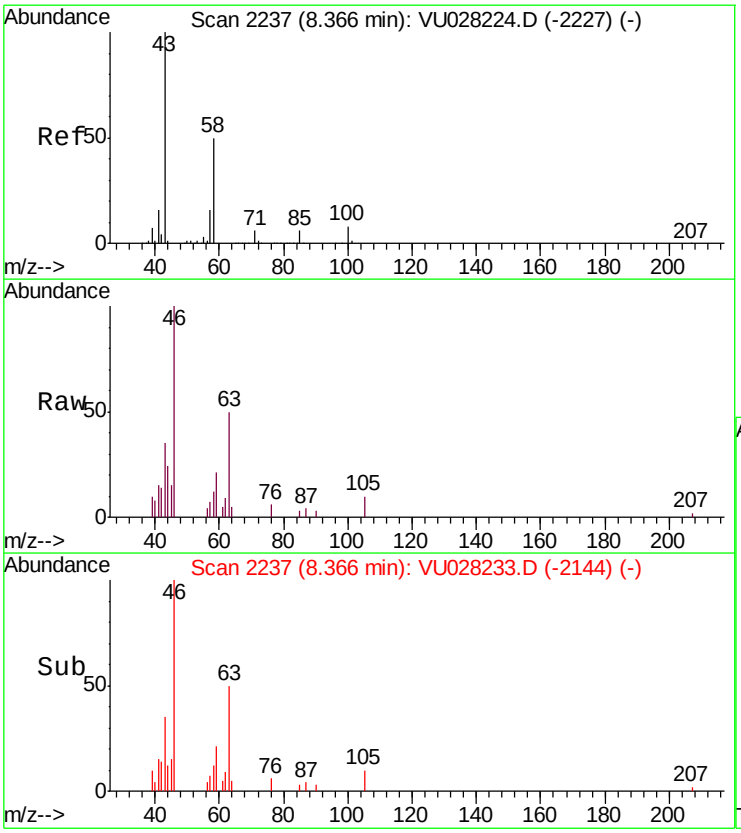
#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument :
MSVOA_U
ClientSampleId :
H0FG8DL

Tgt Ion: 75 Resp: 1355

Ion	Ratio	Lower	Upper
75	100		
77	41.9	21.7	40.3#

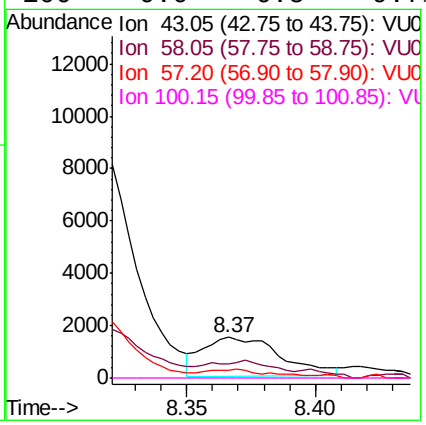


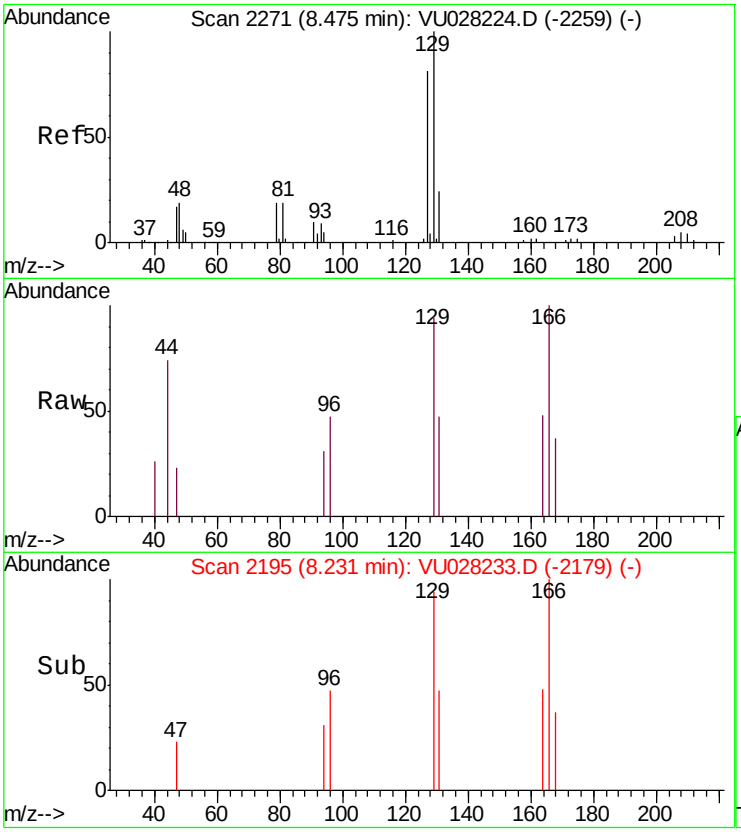


#48
2-Hexanone
Concen: 0.440 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 43 Resp: 3088

Ion	Ratio	Lower	Upper
43	100		
58	36.6	41.1	61.7#
57	12.3	13.8	20.8#
100	0.0	6.5	9.7#



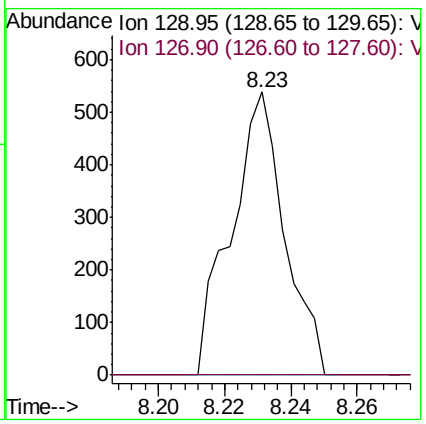


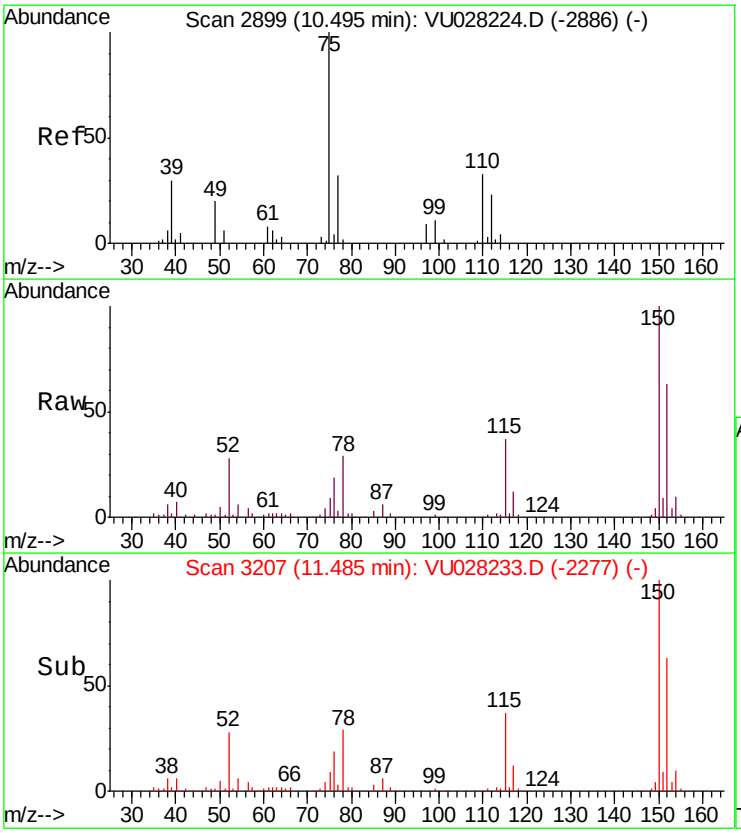
#49
Dibromochloromethane
Concen: 0.072 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Instrument : MSVOA_U
ClientSampleId : H0FG8DL

Tgt Ion:129 Resp: 605

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.231 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028233.D
Acq: 17 Nov 2018 18:42

Tgt Ion: 75 Resp: 9781

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.7	38.5