Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028274.D
Acq On : 20 Nov 2018 13:37
Operator : MD/SY
Sample : J5986-15RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 21 06:36:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 06:33:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52993	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	39483	4.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%			
7) Chloroethane-d5	1.68	69	37301	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.28	63	58704	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.19	46	163021	49.96	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.65	84	80677	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.31	65	46926	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.34	84	158356	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.33	67	60584	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.57	98	133024	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	17461	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.31	63	114335	45.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45703	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47966	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	67061	5.099	ug/L	96
8) Chloroethane	1.70	64	4244	0.546	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	464	0.055	ug/L #	43
12) 1,1-Dichloroethene	2.28	96	561	0.070	ug/L #	1
13) Acetone	2.33	43	3023	1.347	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	30269	1.263	ug/L #	92
18) trans-1,2-Dichloroethene	2.98	96	88833	10.454	ug/L	99
19) 1,1-Dichloroethane	3.45	63	29642	1.504	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	22950	2.285	ug/L	85
25) Chloroform	4.67	83	1159	0.054	ug/L	98
27) 1,2-Dichloroethane	5.41	62	775	0.064	ug/L #	78
33) Benzene	5.39	78	22924	0.557	ug/L	100
34) Trichloroethene	6.19	95	1470	0.146	ug/L	86
35) Methylcyclohexane	6.33	83	12256	0.772	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	6770	0.577	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1258	0.085	ug/L	83
42) Toluene	7.64	91	1857	0.045	ug/L	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028274.D
Acq On : 20 Nov 2018 13:37
Operator : MD/SY
Sample : J5986-15RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 21 06:36:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 06:33:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.36	43	3887	0.650	ug/L	#	44
49) Dibromochloromethane	8.23	129	397	0.055	ug/L	#	10
59) 1,2,3-Trichloropropane	11.48	75	7989	1.178	ug/L		90

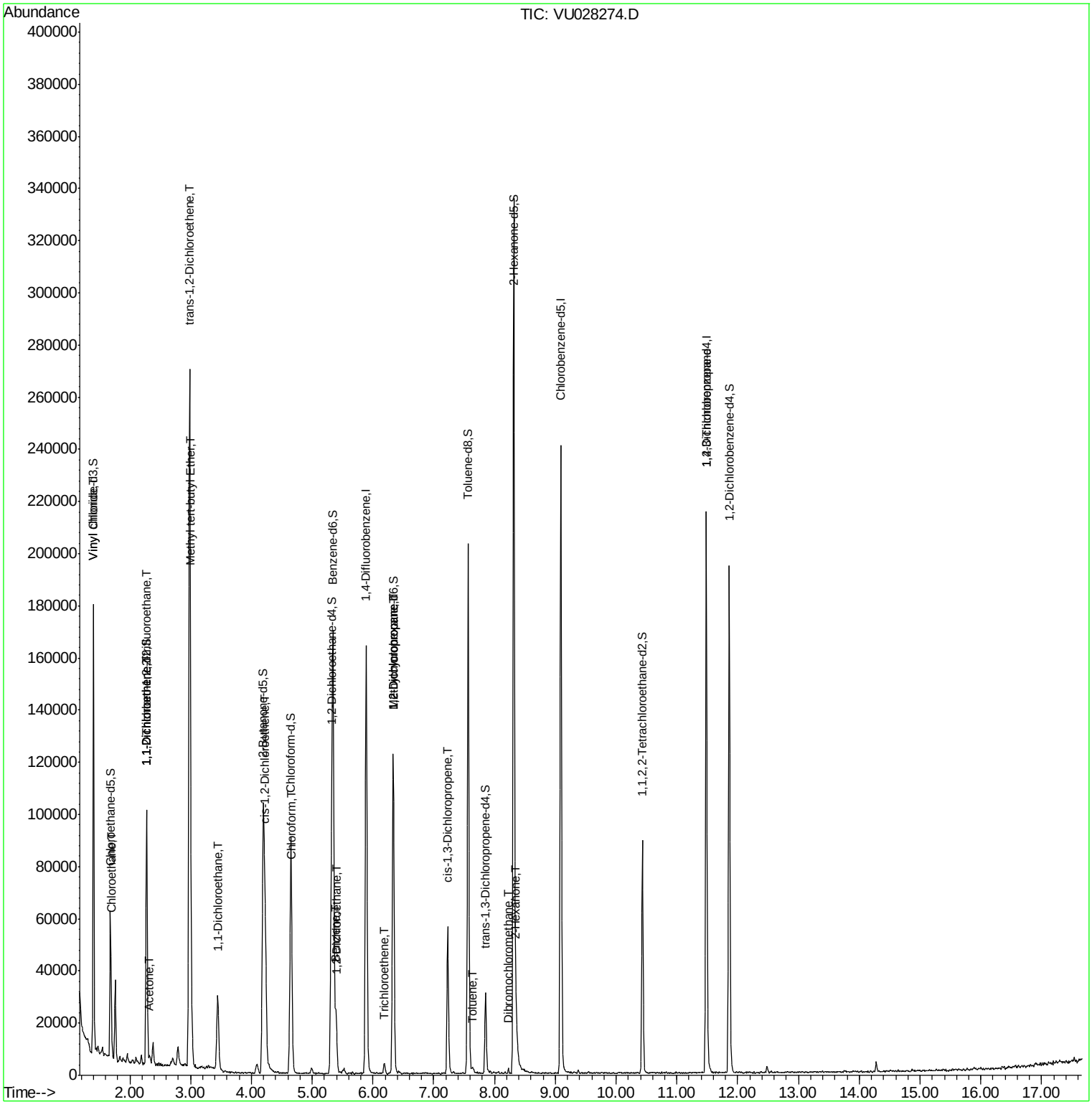
(#) = qualifier out of range (m) = manual integration (+) = signals summed

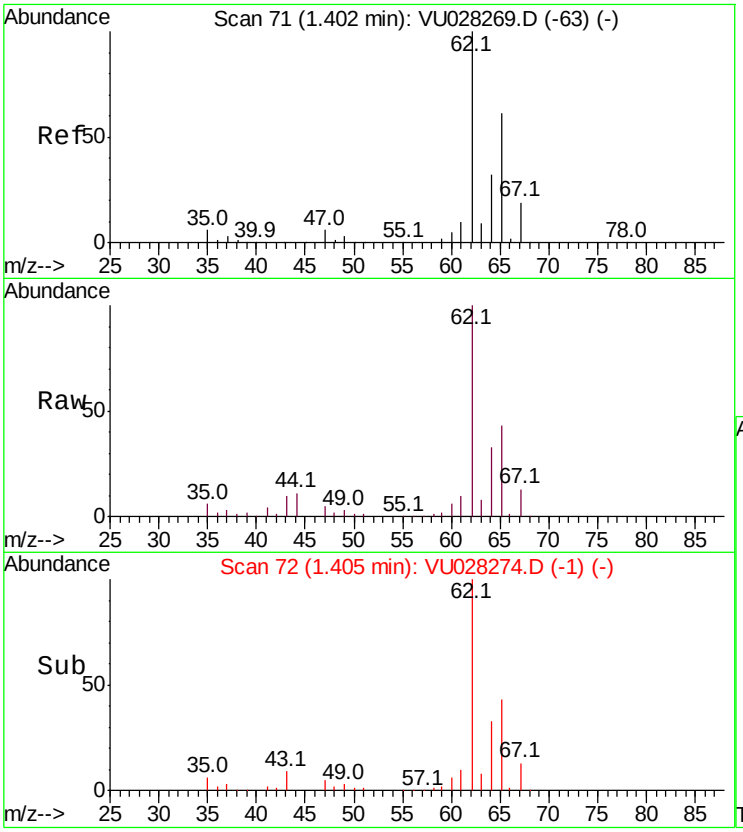
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112018\
Data File : VU028274.D
Acq On : 20 Nov 2018 13:37
Operator : MD/SY
Sample : J5986-15RE
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 06:36:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 06:33:43 2018
Response via : Initial Calibration



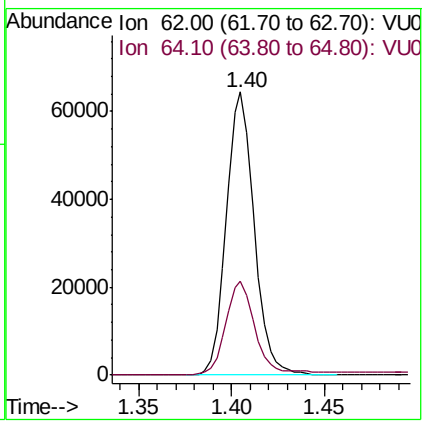


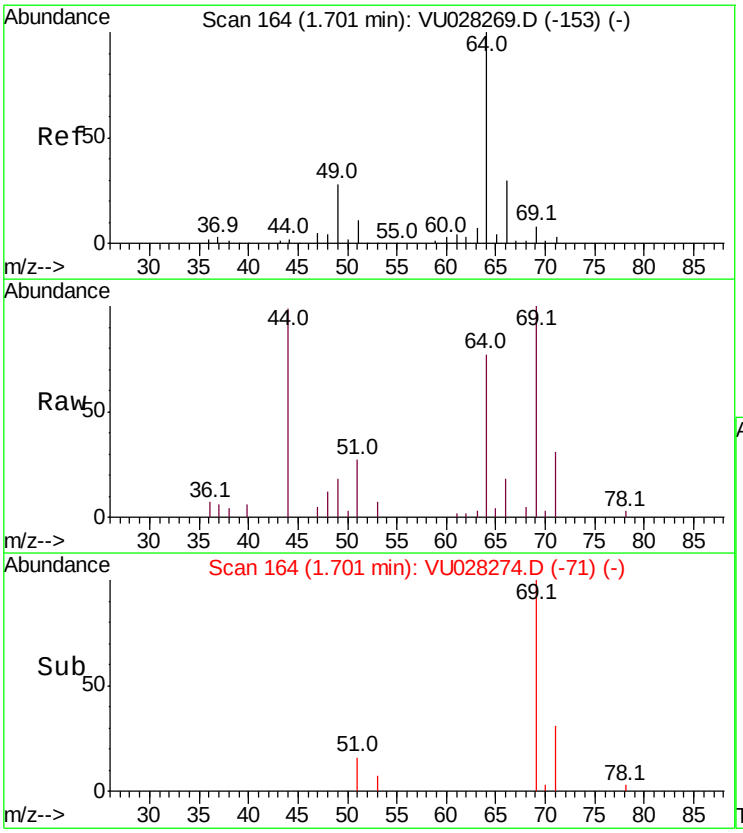
#5
Vinyl chloride
Concen: 5.099 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 67061

Ion	Ratio	Lower	Upper
62	100		
64	33.3	21.7	40.3

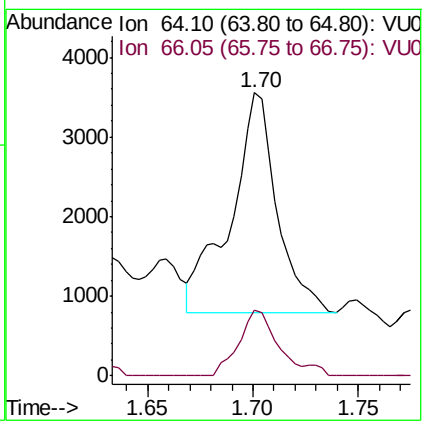


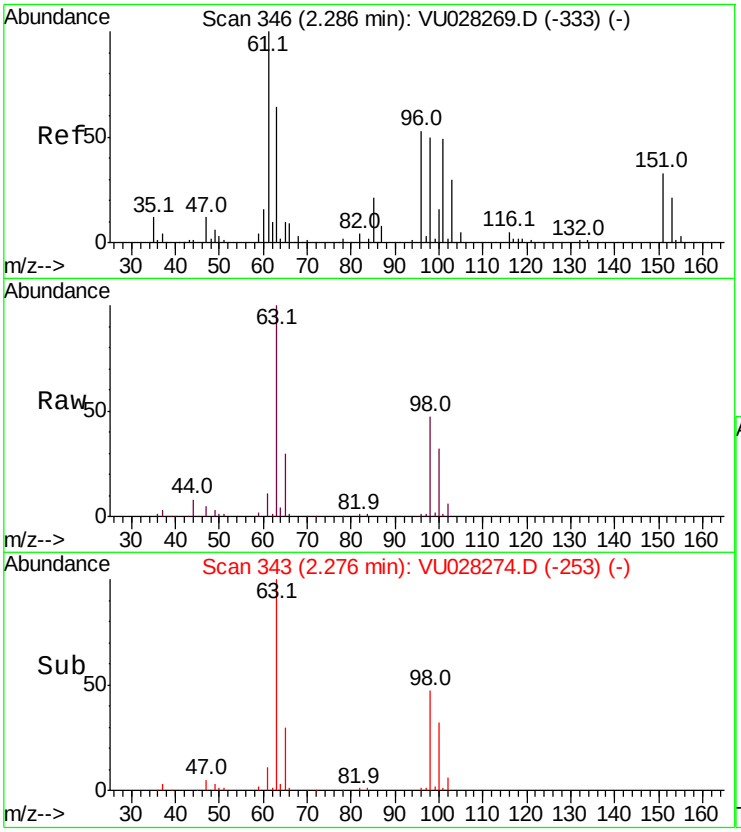


#8
Chloroethane
Concen: 0.546 ug/L
RT: 1.70 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 64 Resp: 4244

Ion	Ratio	Lower	Upper
64	100		
66	23.0	20.7	38.5



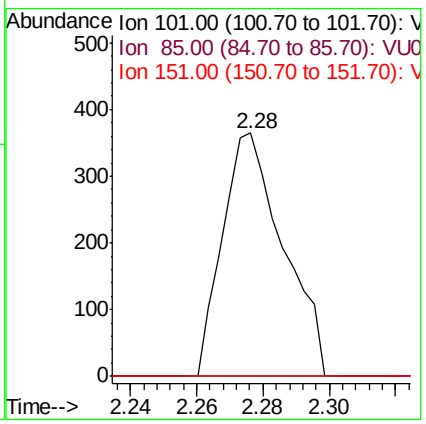


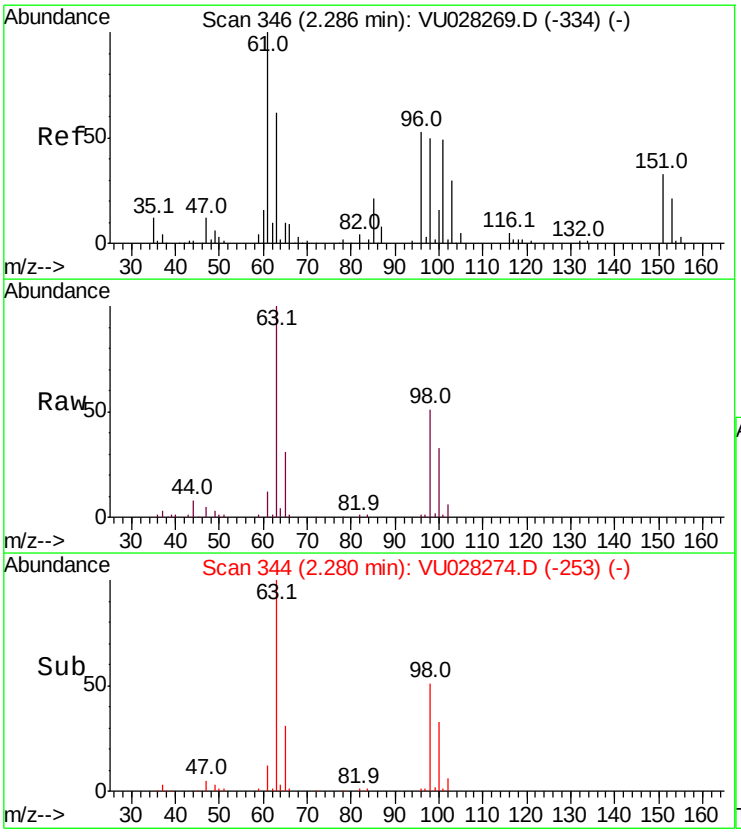
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 464

Ion	Ratio	Lower	Upper
101	100		
85	57.5	37.4	56.2#
151	0.0	55.0	82.4#

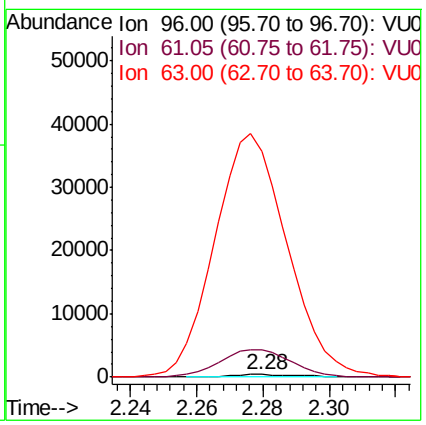


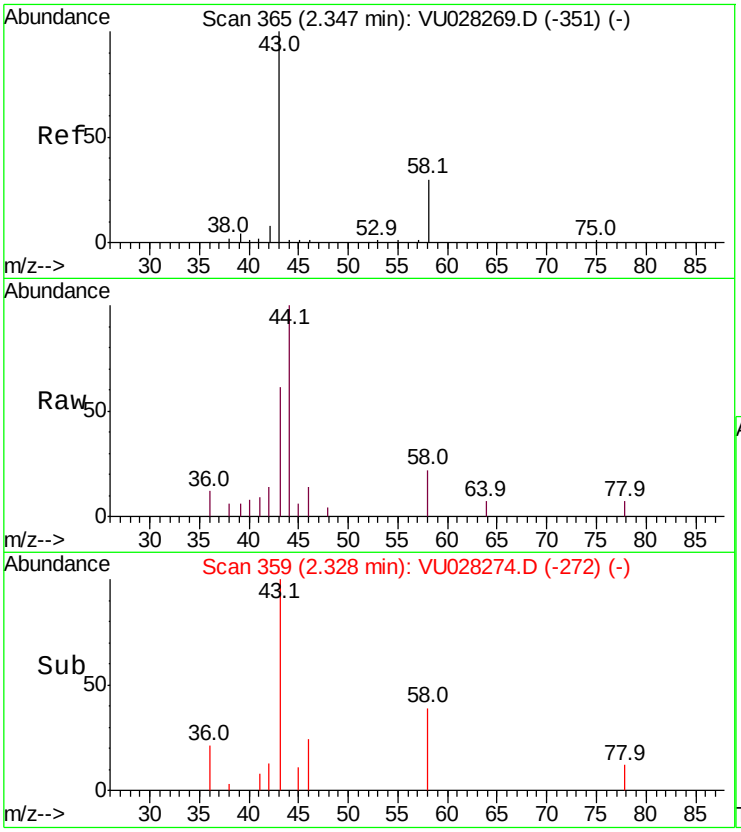


#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 96 Resp: 561

Ion	Ratio	Lower	Upper
96	100		
61	1032.9	145.5	270.1#
63	8377.5	98.6	183.2#



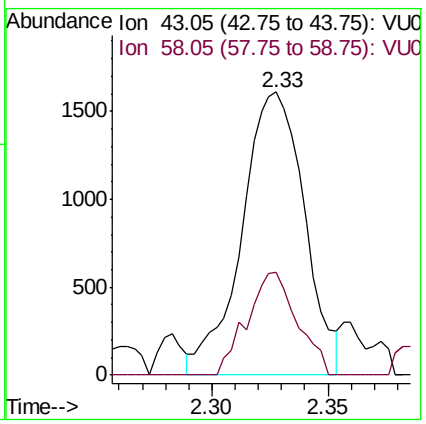


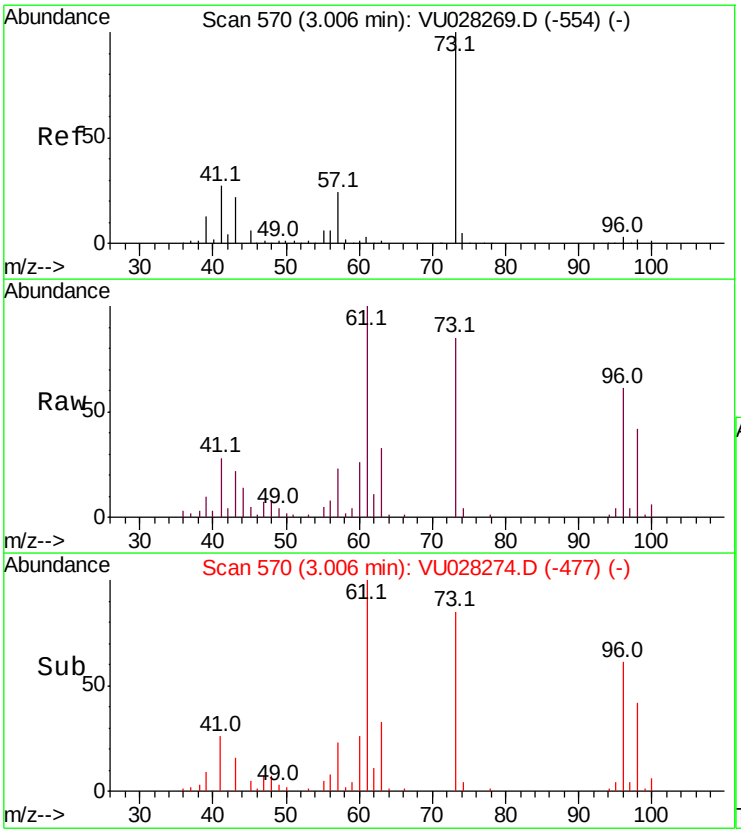
#13
Acetone
Concen: 1.347 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.02 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3023

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	58.6

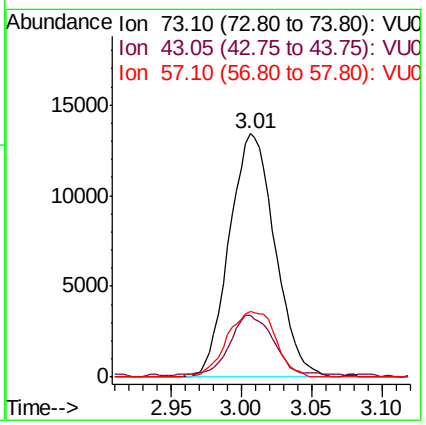


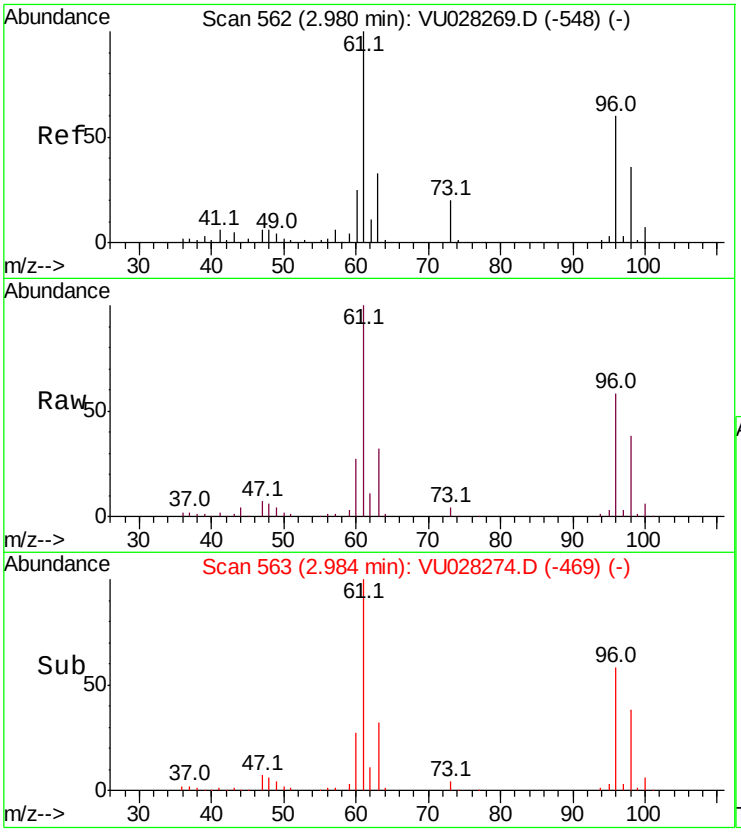


#17
Methyl tert-butyl Ether
Concen: 1.263 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 73 Resp: 30269

Ion	Ratio	Lower	Upper
73	100		
43	26.5	18.8	28.2
57	28.8	19.2	28.8#



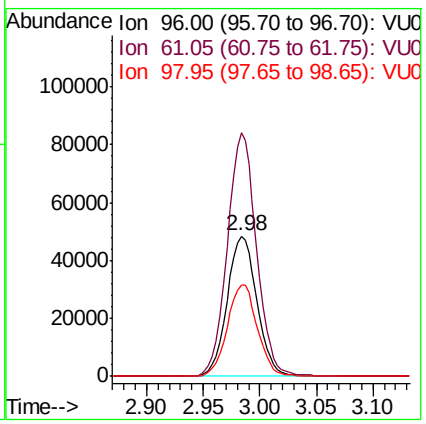


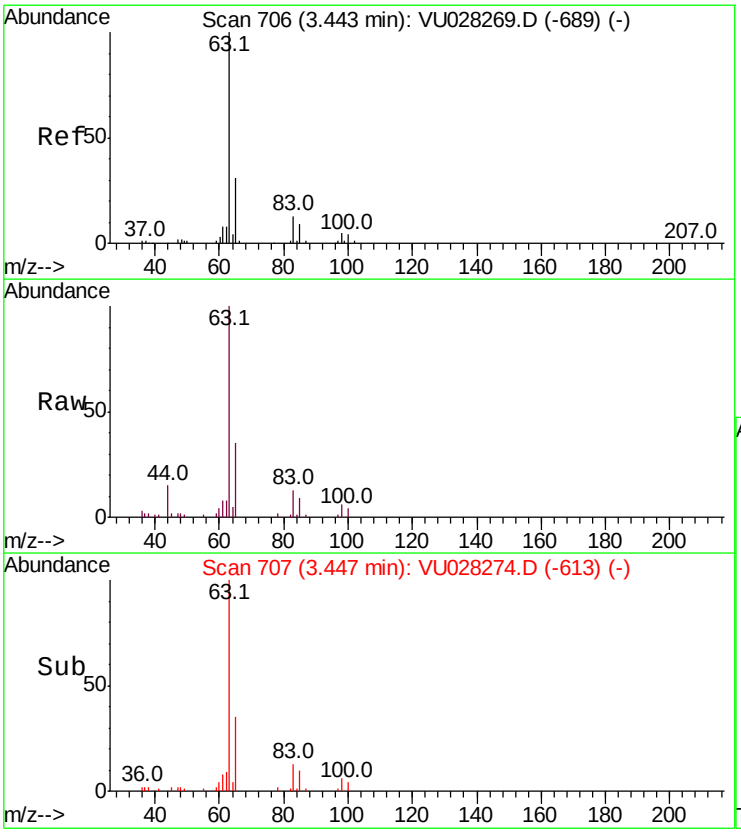
#18
trans-1,2-Dichloroethene
Concen: 10.454 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 88833

Ion	Ratio	Lower	Upper
96	100		
61	173.7	122.2	227.0
98	65.5	44.9	83.5

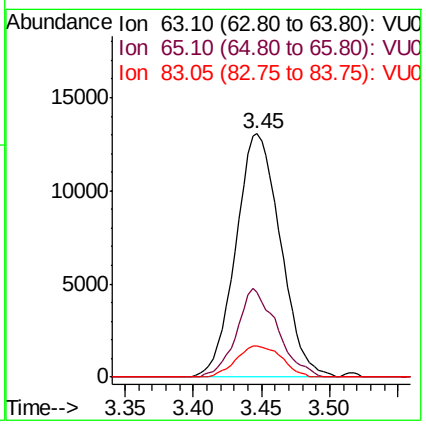


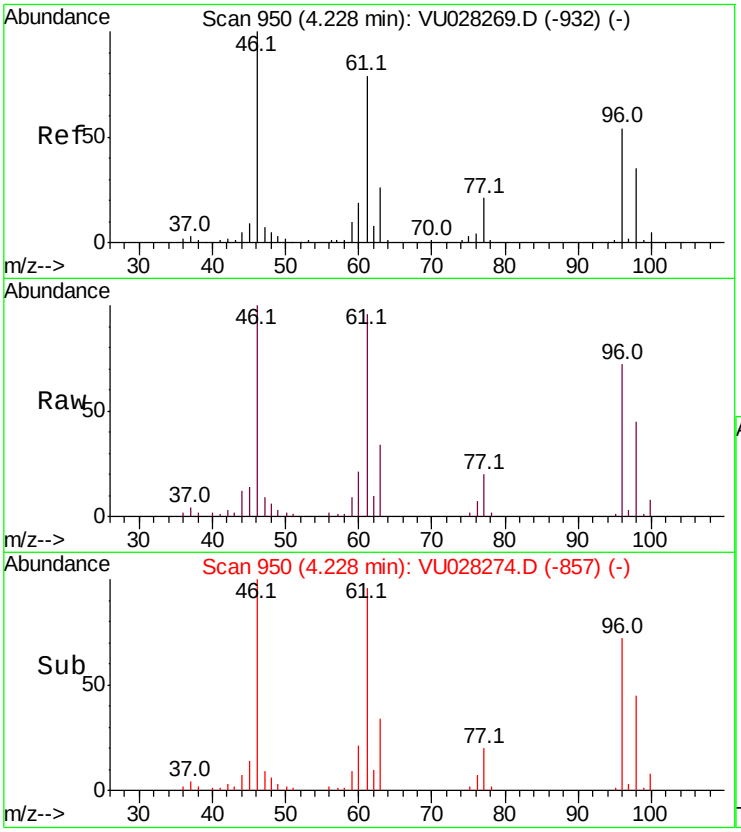


#19
1,1-Dichloroethane
Concen: 1.504 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 63 Resp: 29642

Ion	Ratio	Lower	Upper
63	100		
65	35.0	21.2	39.4
83	13.0	8.8	16.4



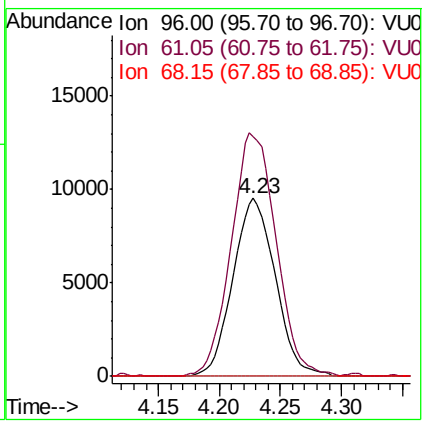


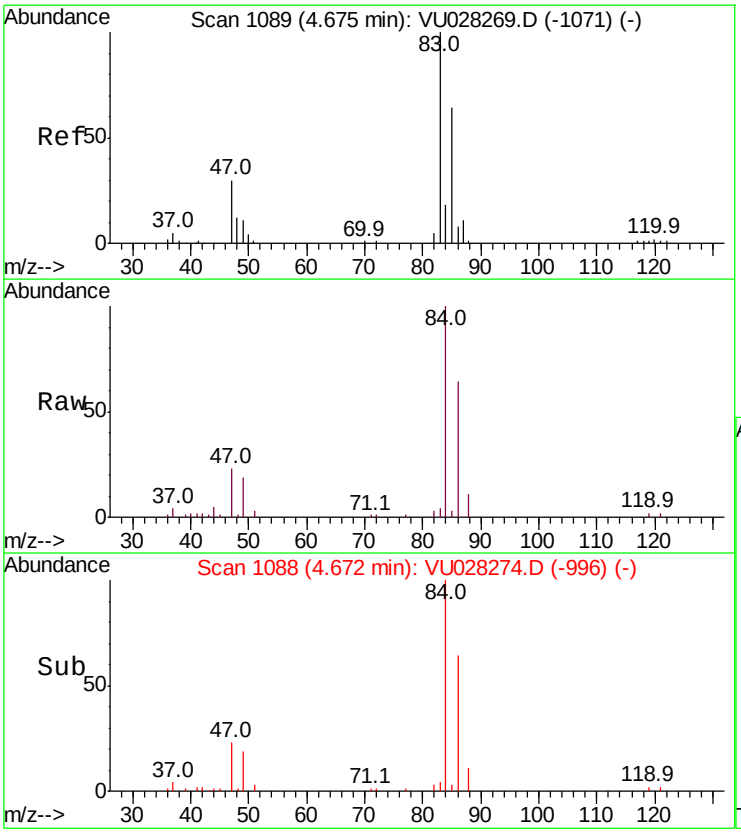
#22
cis-1,2-Dichloroethene
Concen: 2.285 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 22950

Ion	Ratio	Lower	Upper
96	100		
61	134.4	108.0	200.6
68	0.0	0.0	0.0

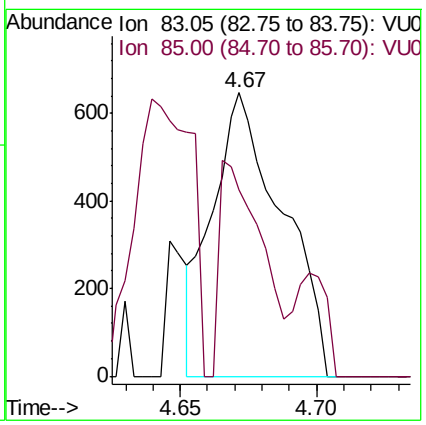


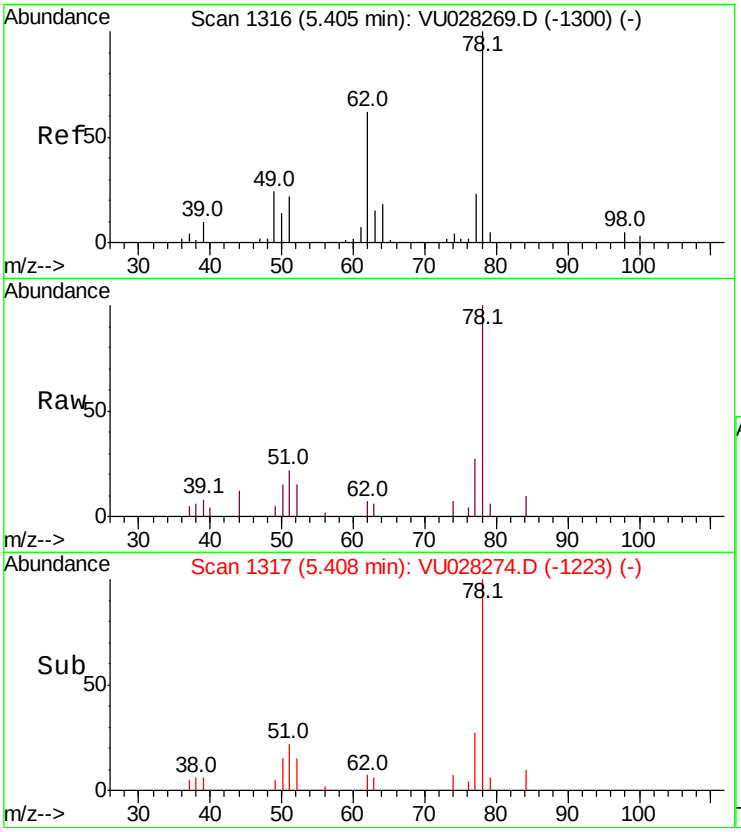


#25
Chloroform
Concen: 0.054 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 83 Resp: 1159

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.6	82.8



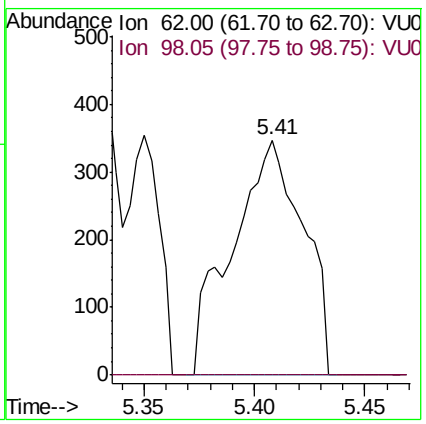


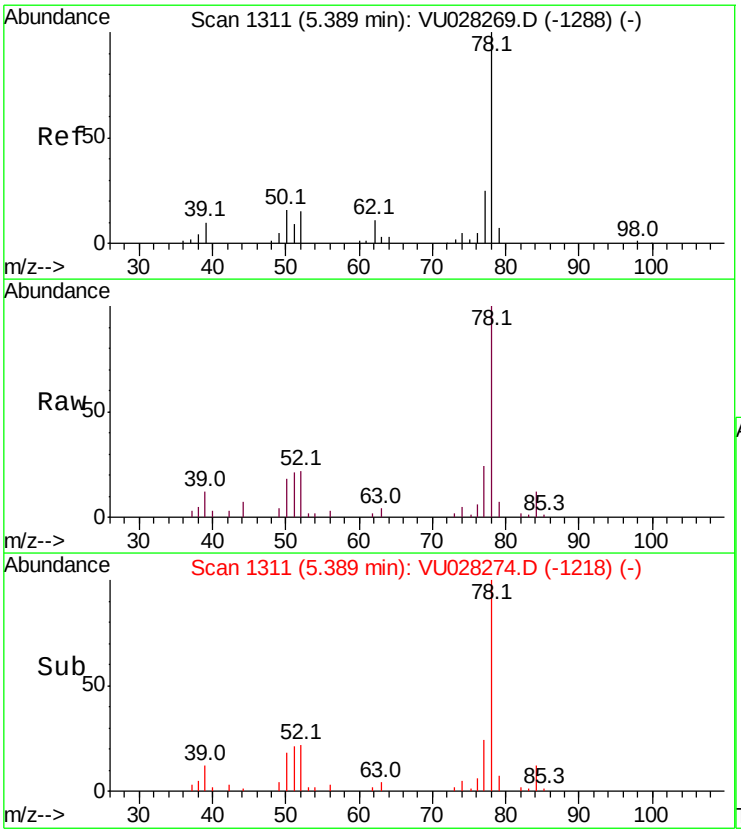
#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 775

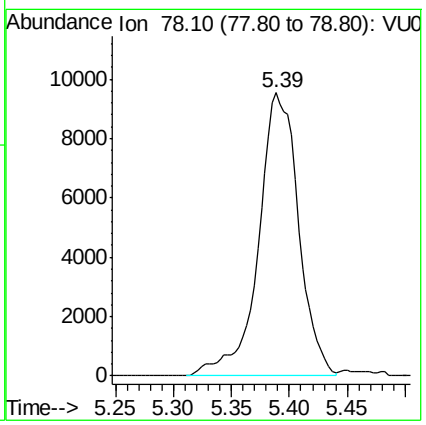
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.4#

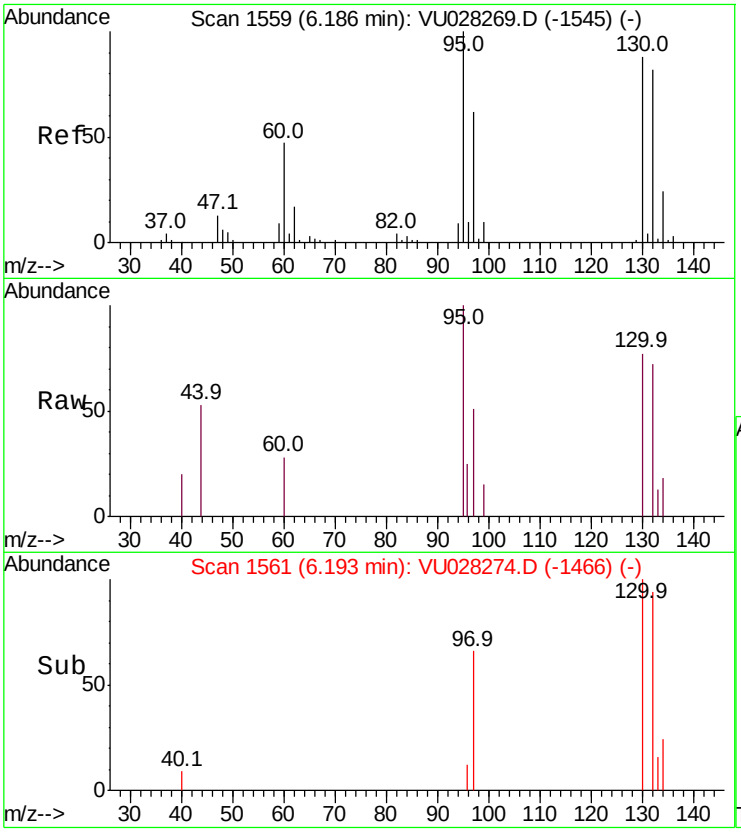




#33
Benzene
Concen: 0.557 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 78 Resp: 22924



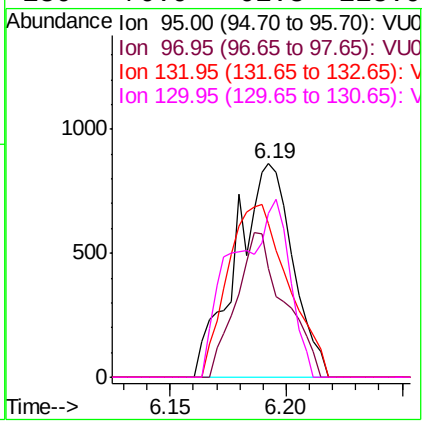


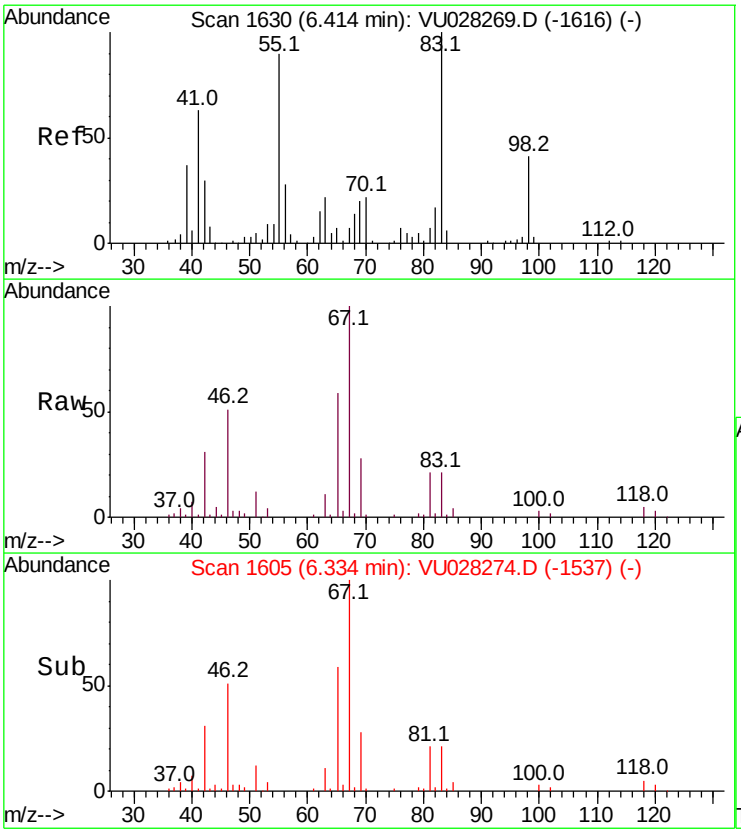
#34
Trichloroethene
Concen: 0.146 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1470

Ion	Ratio	Lower	Upper
95	100		
97	50.9	46.5	86.3
132	72.0	58.9	109.3
130	76.9	61.3	113.9

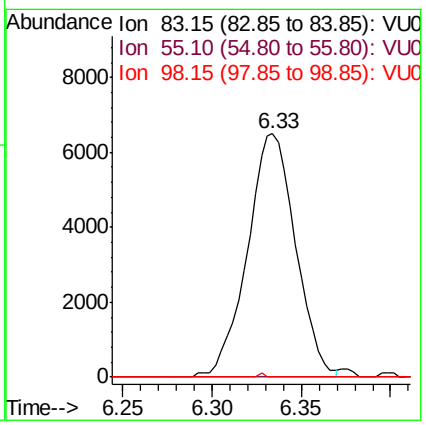


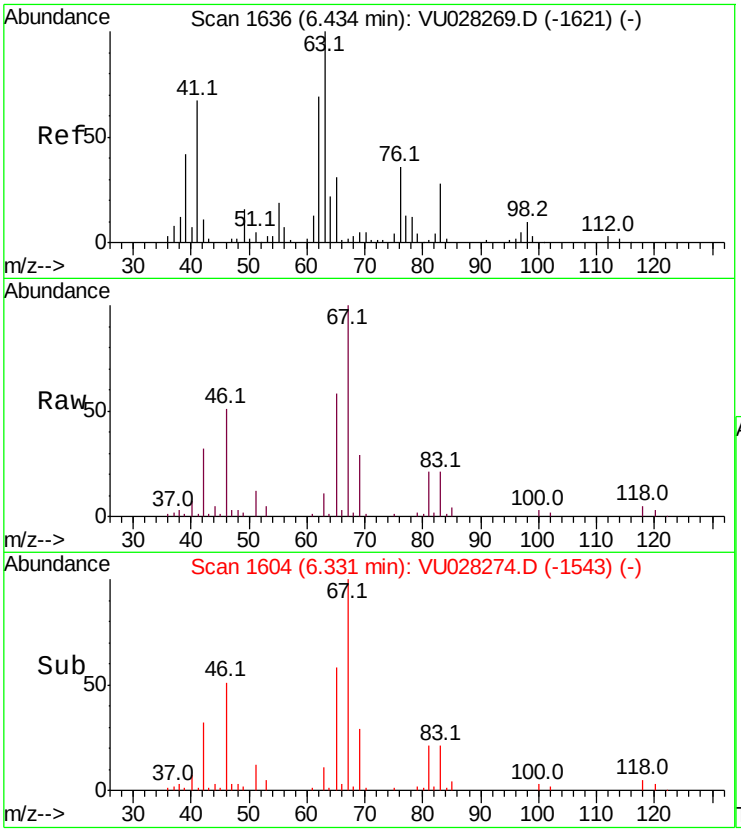


#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 83 Resp: 12256

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.2	109.8#
98	0.2	33.4	50.2#



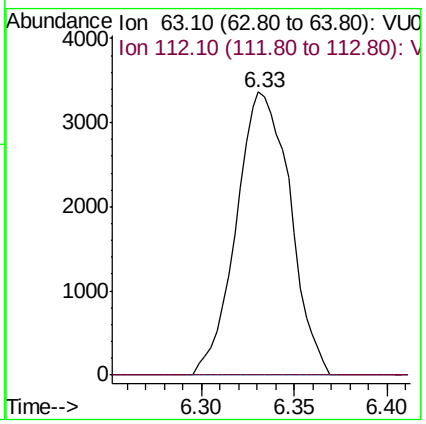


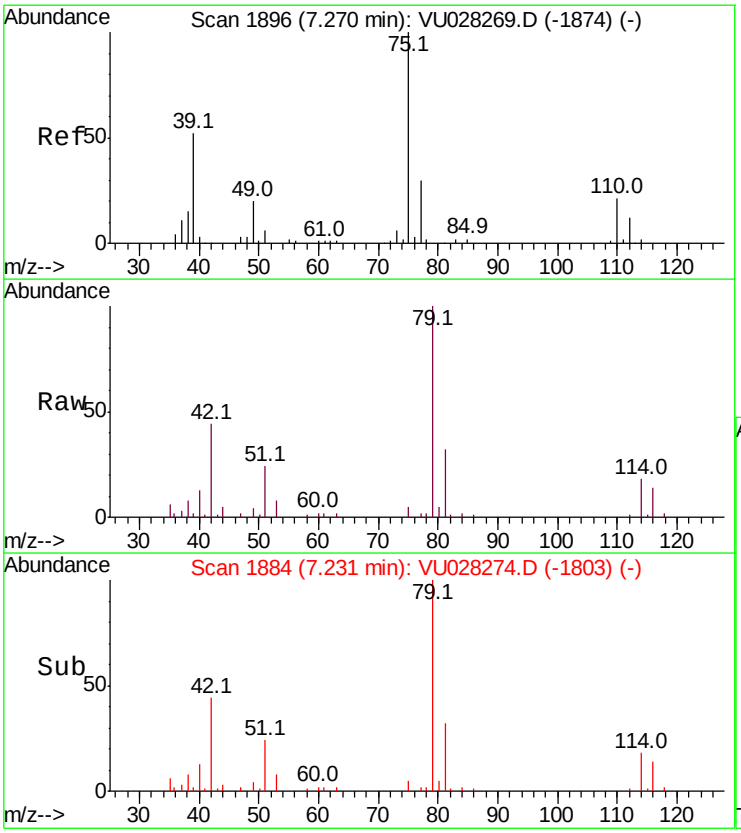
#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6770

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

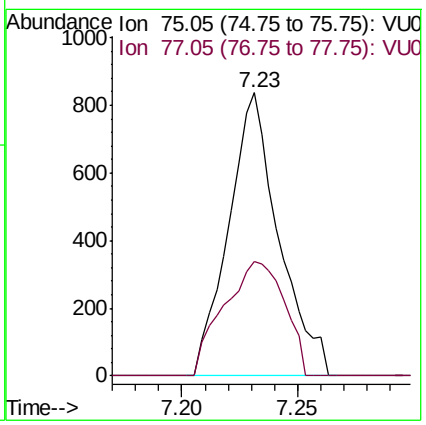


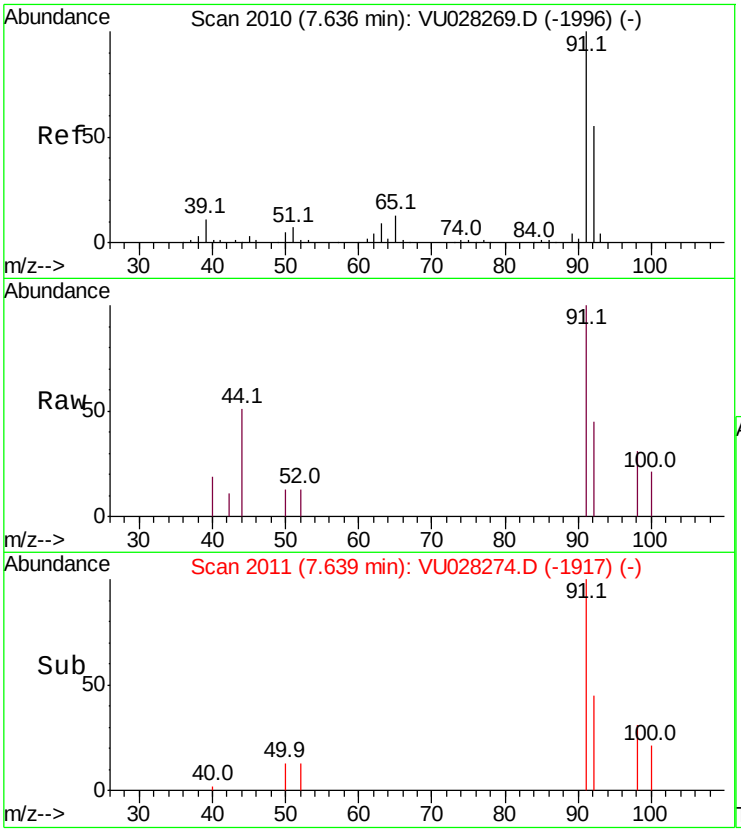


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 75 Resp: 1258

Ion	Ratio	Lower	Upper
75	100		
77	40.3	21.7	40.3



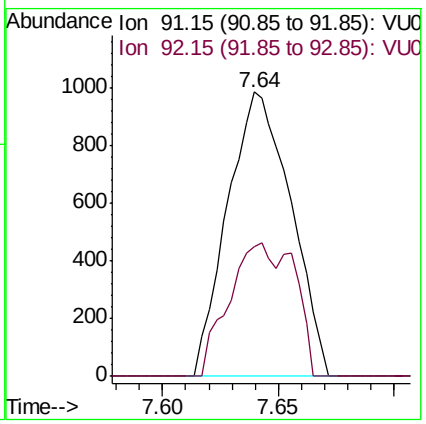


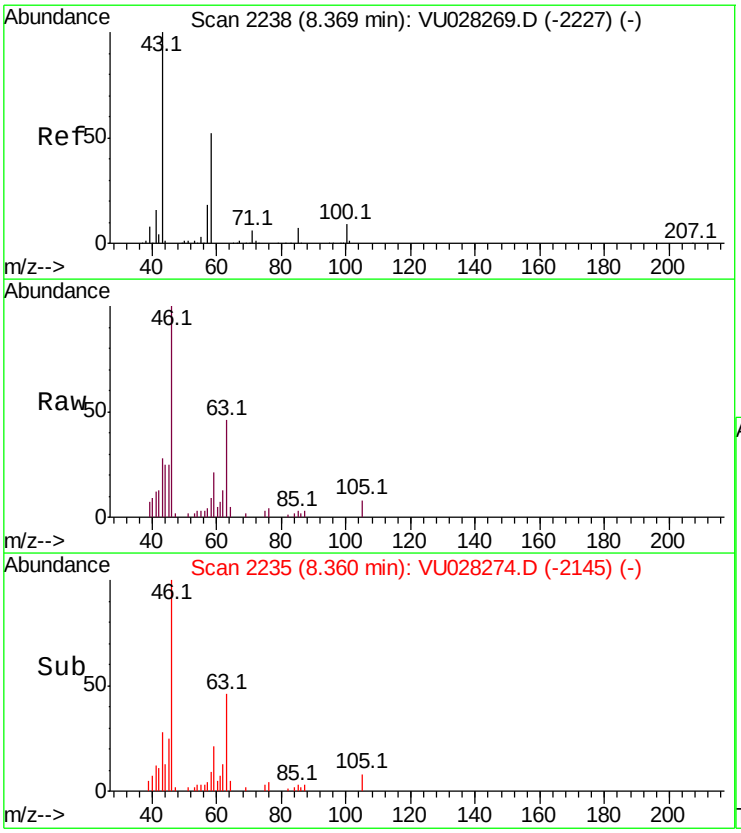
#42
Toluene
Concen: 0.045 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 1857

Ion	Ratio	Lower	Upper
91	100		
92	45.3	39.0	72.4

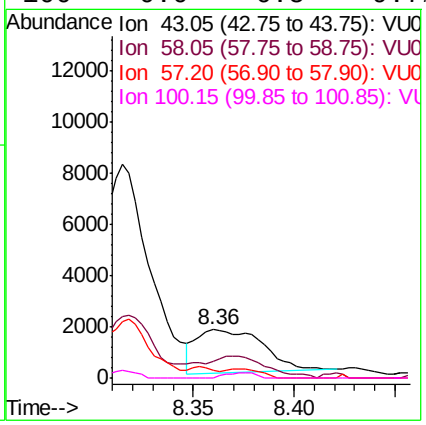


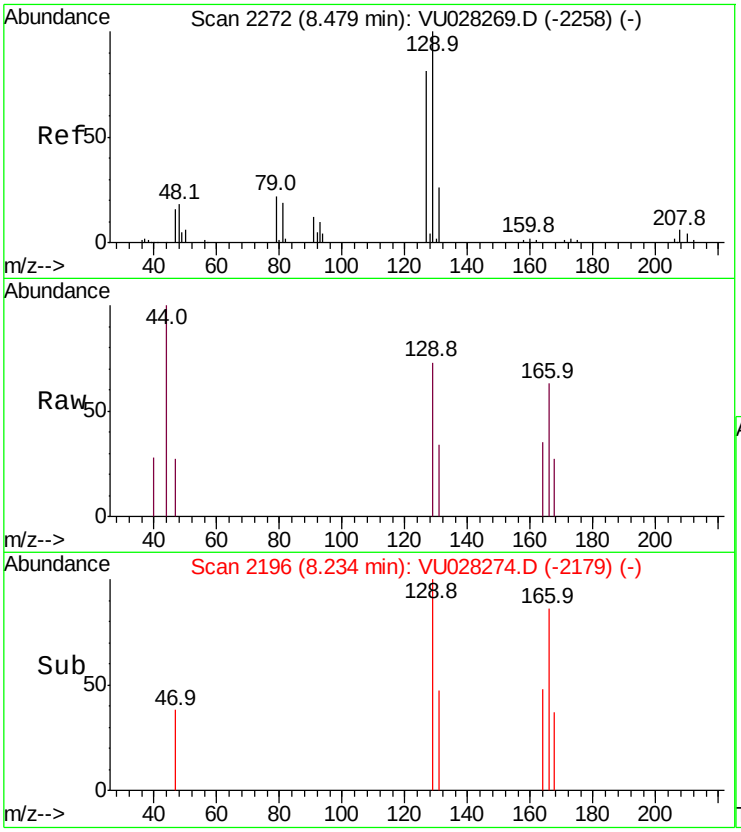


#48
2-Hexanone
Concen: 0.650 ug/L
RT: 8.36 min Scan# 2235
Delta R.T. -0.01 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 43 Resp: 3887

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	8.8	13.8	20.8#
100	0.0	6.5	9.7#



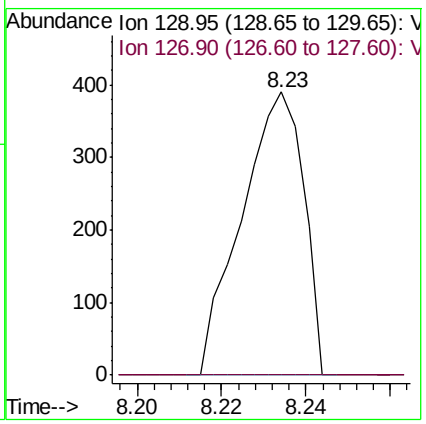


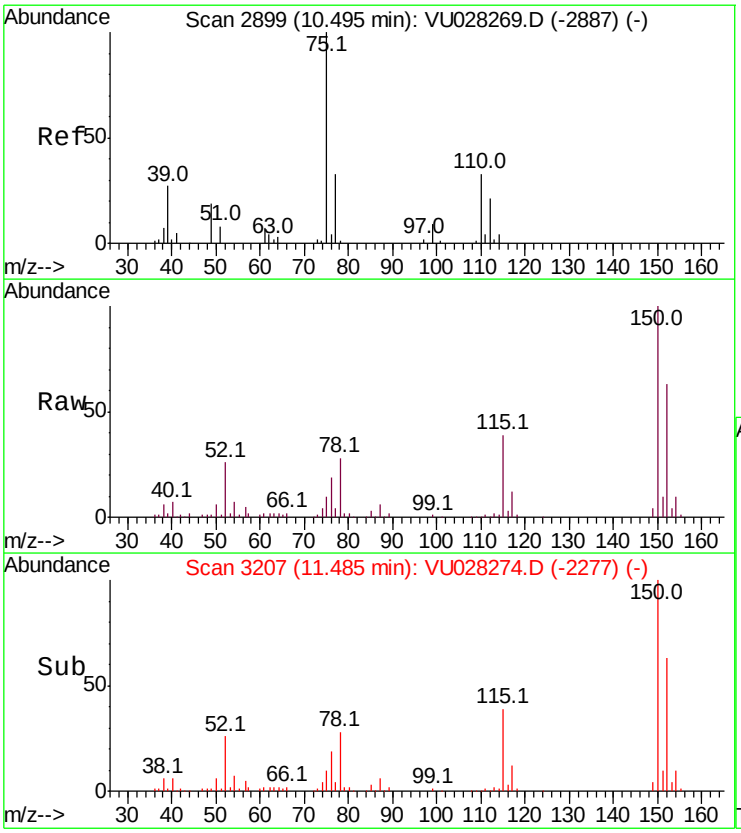
#49
Dibromochloromethane
Concen: 0.055 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 397

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 75 Resp: 7989

Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.7	38.5