Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027682.D
Acq On : 17 Oct 2018 16:56
Operator : MD/SY
Sample : J5463-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC3

Quant Time: Oct 19 06:50:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	76927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39228	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	27365	4.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.40%			
7) Chloroethane-d5	1.68	69	23222	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.28	63	50096	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	4.20	46	86761	45.92	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.84%			
24) Chloroform-d	4.65	84	47704	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.31	65	26449	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.34	84	104020	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.33	67	36293	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.57	98	98420	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.85	79	14038	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.31	63	75561	47.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26453	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36204	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	369	0.065	ug/L #	20
12) 1,1-Dichloroethene	2.29	96	18210	3.218	ug/L	92
13) Acetone	2.32	43	2033	1.682	ug/L	85
19) 1,1-Dichloroethane	3.45	63	2872	0.240	ug/L #	94
22) cis-1,2-Dichloroethene	4.23	96	20718	3.111	ug/L #	93
25) Chloroform	4.67	83	3291	0.285	ug/L	95
29) 1,1,1-Trichloroethane	4.92	97	3037	0.322	ug/L	97
31) Carbon tetrachloride	5.14	117	1071	0.125	ug/L	92
34) Trichloroethene	6.19	95	107012	16.422	ug/L	99
35) Methylcyclohexane	6.33	83	7823	0.697	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3547	0.491	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	894	0.085	ug/L #	59
42) Toluene	7.64	91	1270	0.047	ug/L	84
47) Tetrachloroethene	8.23	164	48112	9.248	ug/L	97
48) 2-Hexanone	8.37	43	998	0.285	ug/L #	78
49) Dibromochloromethane	8.23	129	44210	7.653	ug/L #	11
53) m,p-xylene	9.38	106	636	0.057	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027682.D
Acq On : 17 Oct 2018 16:56
Operator : MD/SY
Sample : J5463-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JC3

Quant Time: Oct 19 06:50:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.48	75	4699	1.131	ug/L	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
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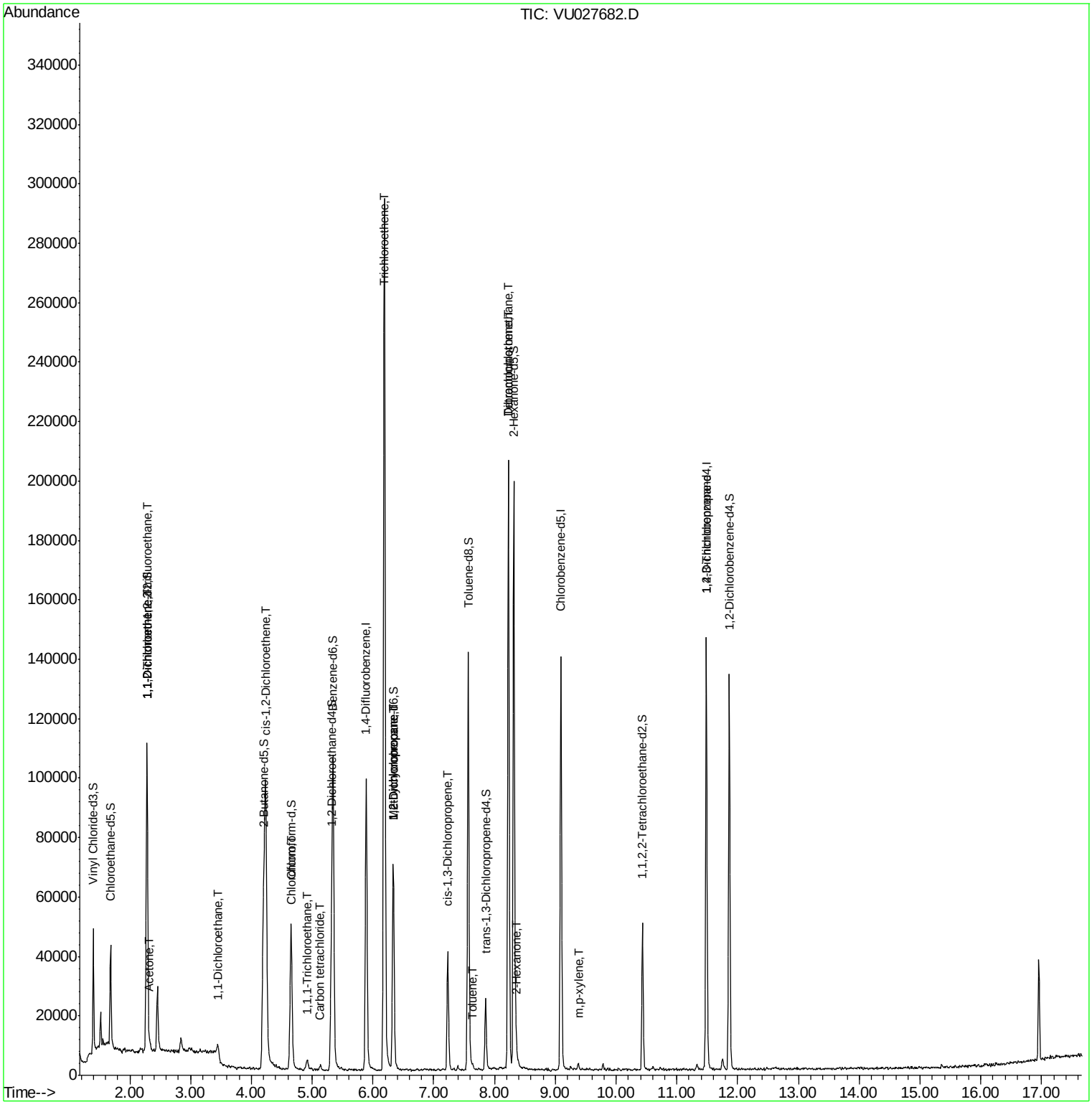
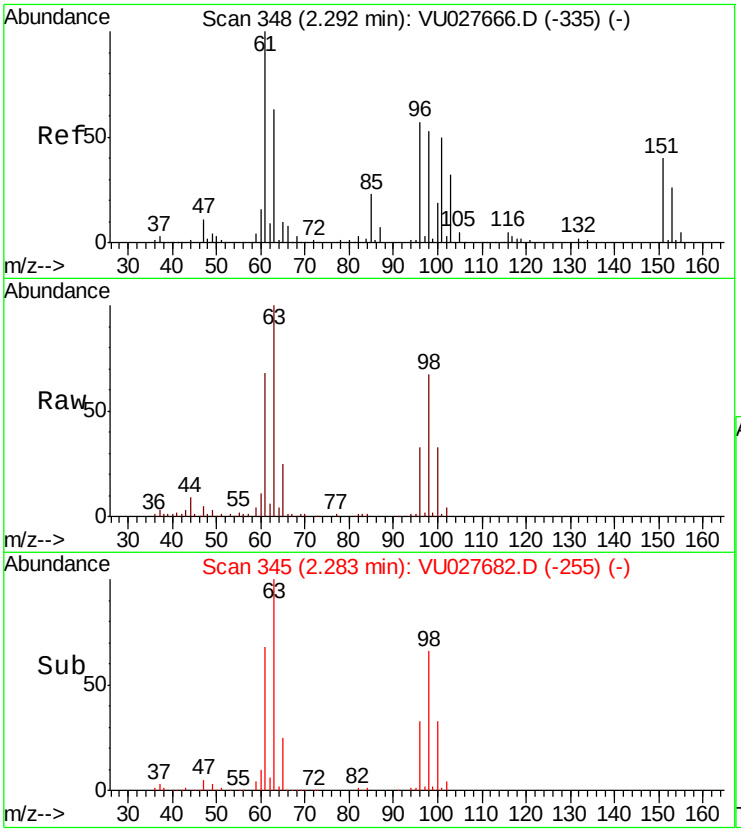


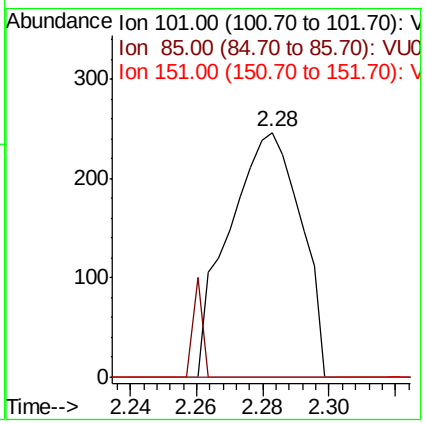


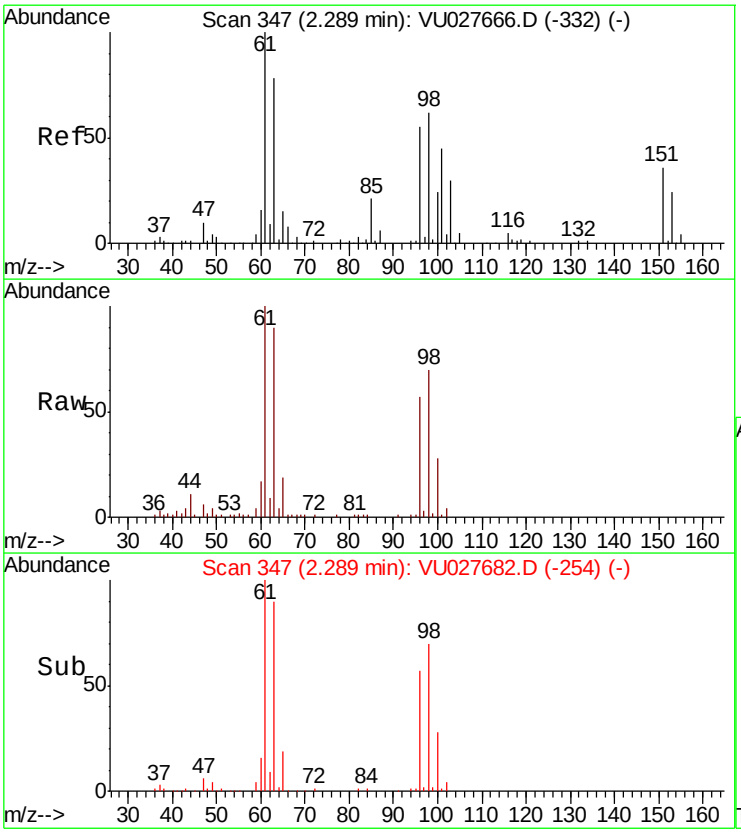
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument : MSVOA_U
ClientSampleId : C0JC3

Tgt Ion:101 Resp: 369

Ion	Ratio	Lower	Upper
101	100		
85	5.1	35.6	53.4#
151	0.0	63.8	95.6#

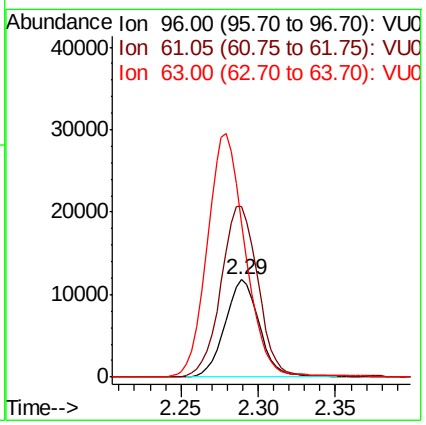


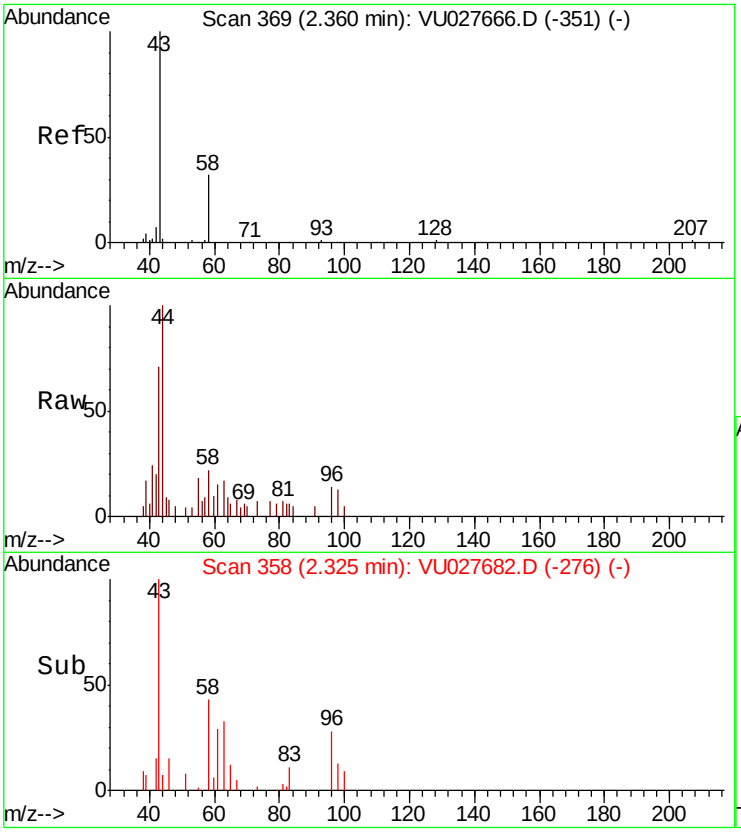


#12
1,1-Dichloroethene
Concen: 3.218 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 96 Resp: 18210

Ion	Ratio	Lower	Upper
96	100		
61	176.3	125.6	233.2
63	158.8	97.6	181.2



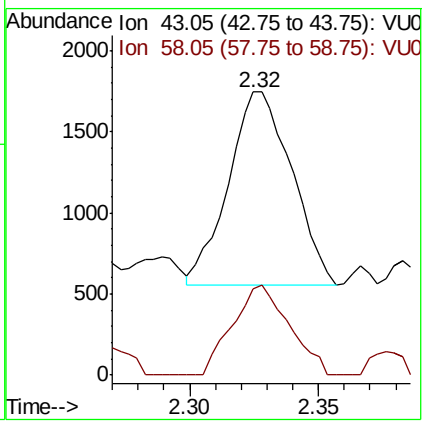


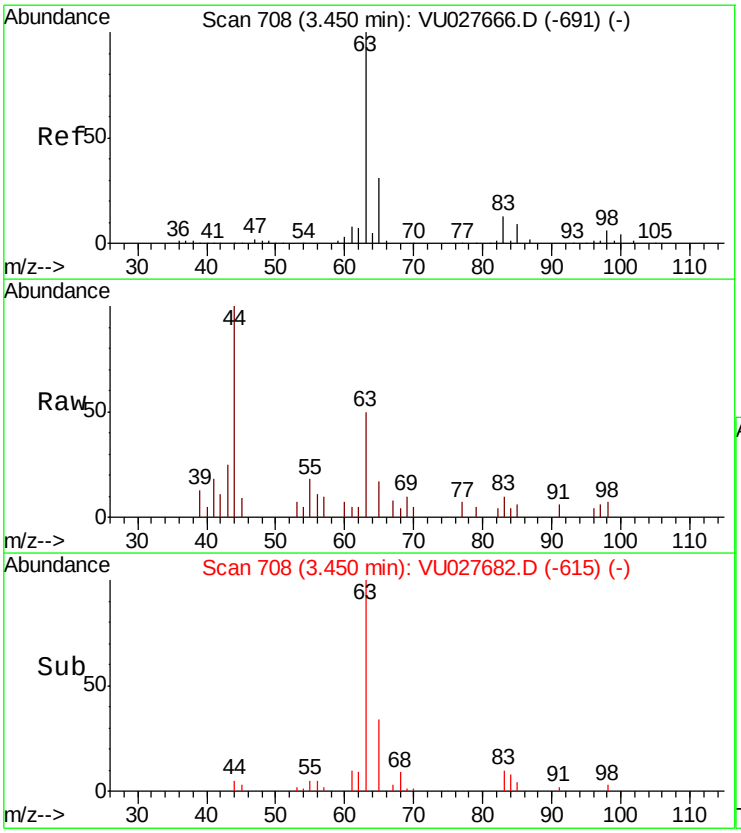
#13
Acetone
Concen: 1.682 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.04 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument : MSVOA_U
ClientSampleId : C0JC3

Tgt Ion: 43 Resp: 2033

Ion	Ratio	Lower	Upper
43	100		
58	41.8	0.0	66.4

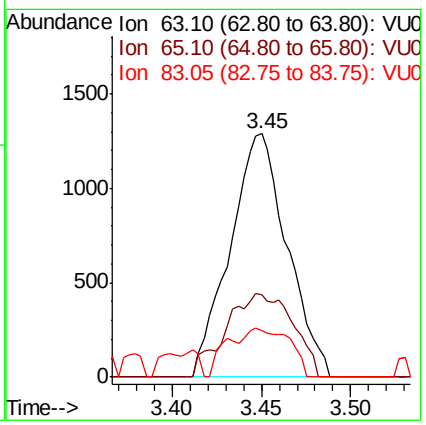


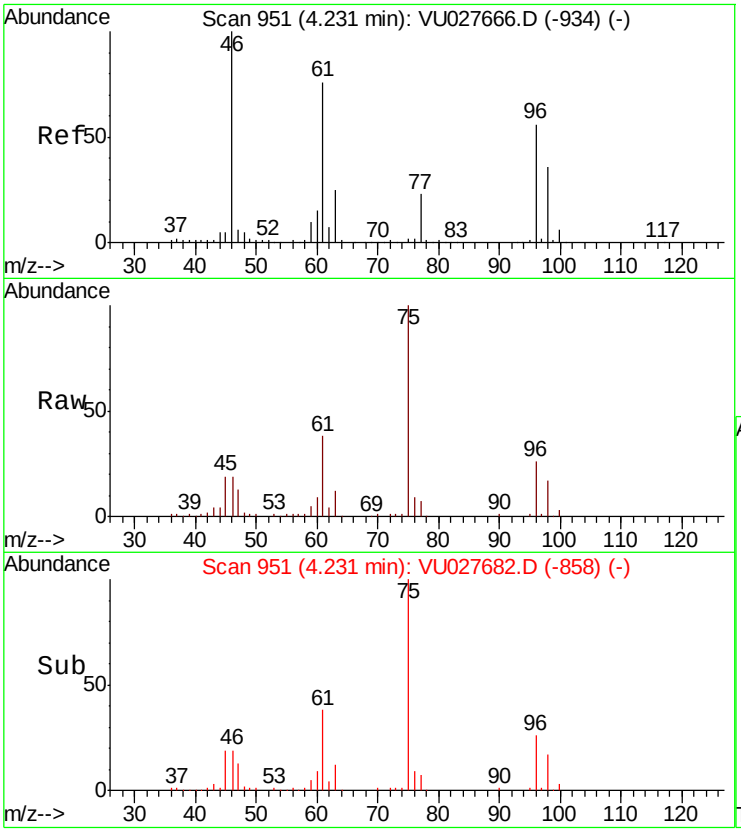


#19
1,1-Dichloroethane
Concen: 0.240 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 63 Resp: 2872

Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.3	41.3
83	18.9	9.7	17.9#



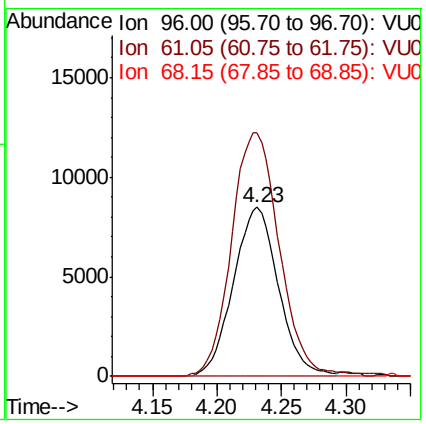


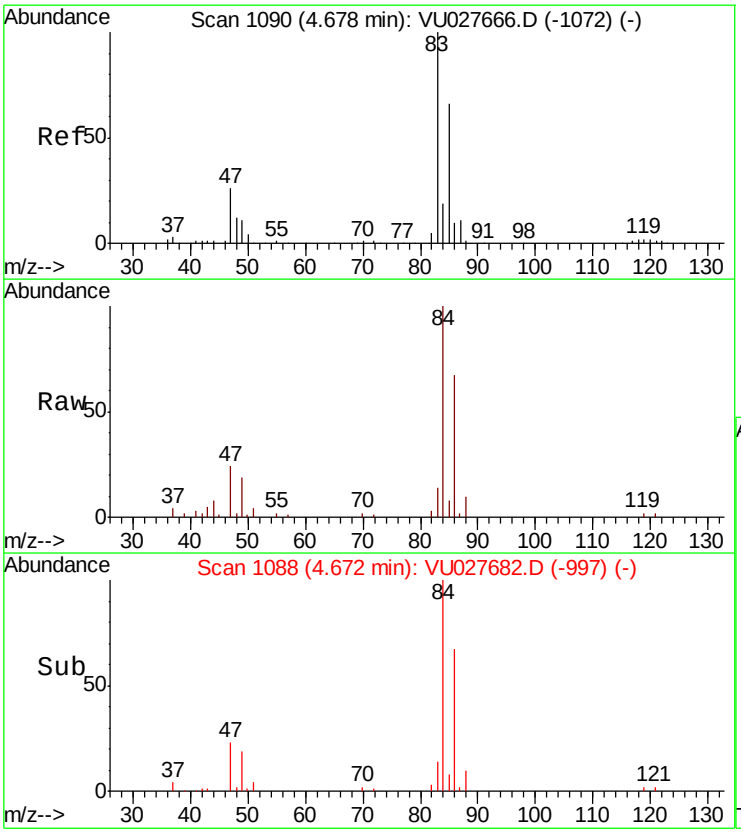
#22
cis-1,2-Dichloroethene
Concen: 3.111 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument :
MSVOA_U
ClientSampleId :
C0JC3

Tgt Ion: 96 Resp: 20718

Ion	Ratio	Lower	Upper
96	100		
61	144.1	95.3	176.9
68	0.0	1.1	2.1#

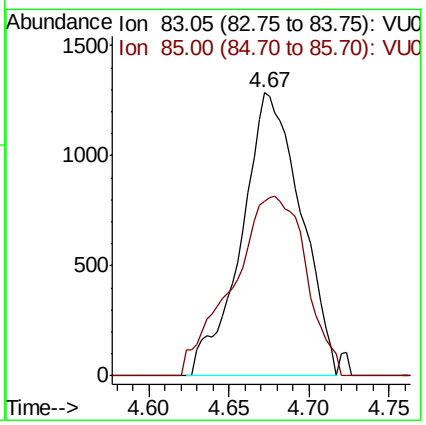


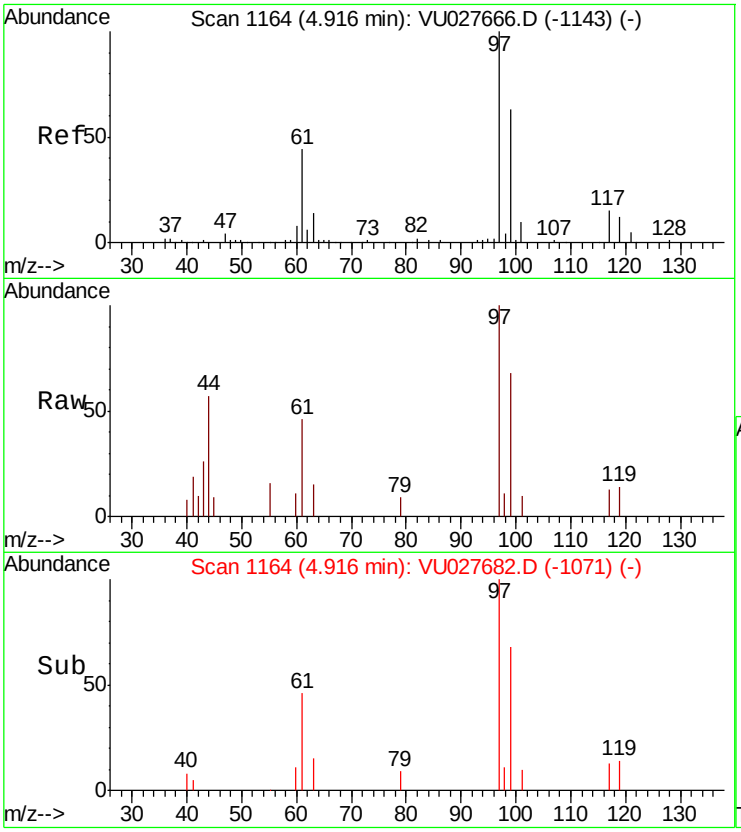


#25
Chloroform
Concen: 0.285 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 83 Resp: 3291

Ion	Ratio	Lower	Upper
83	100		
85	61.7	46.1	85.7



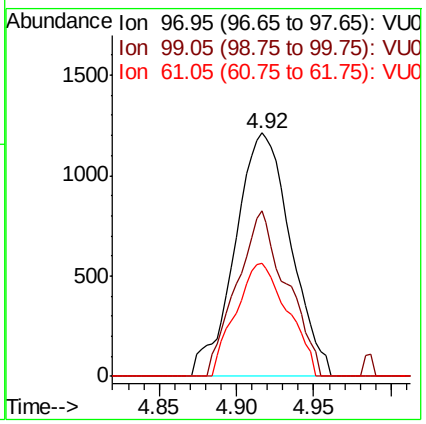


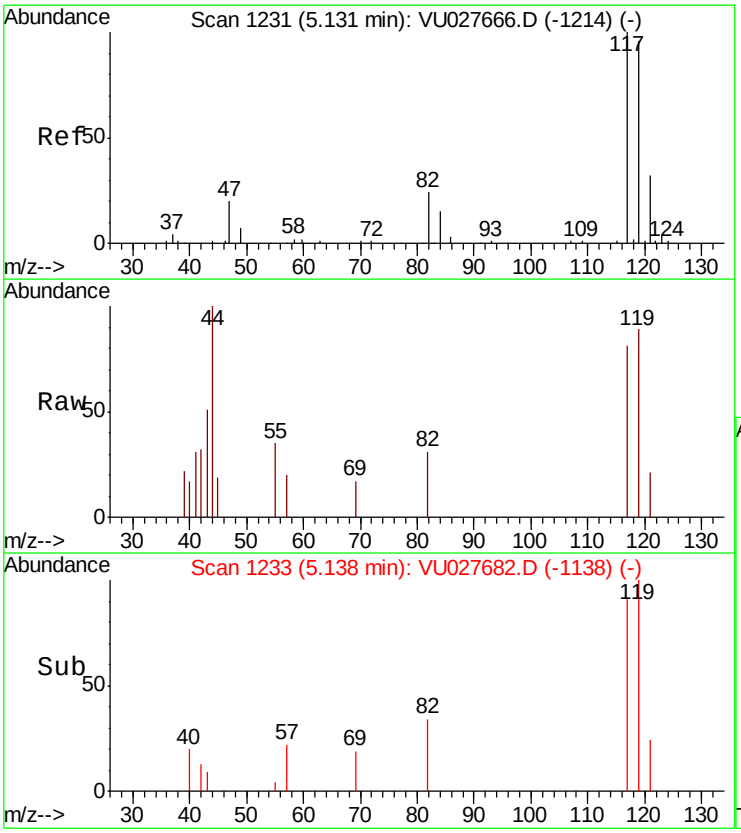
#29
1,1,1-Trichloroethane
Concen: 0.322 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument :
MSVOA_U
ClientSampleId :
C0JC3

Tgt Ion: 97 Resp: 3037

Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.4	77.2
61	43.3	35.7	53.5

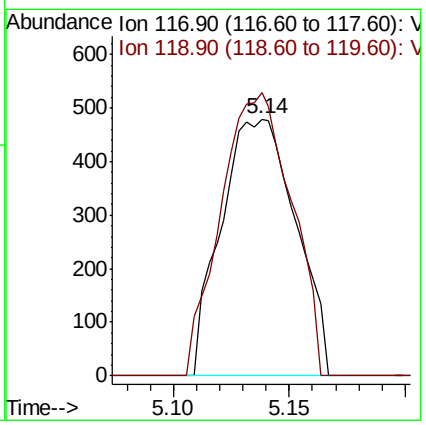


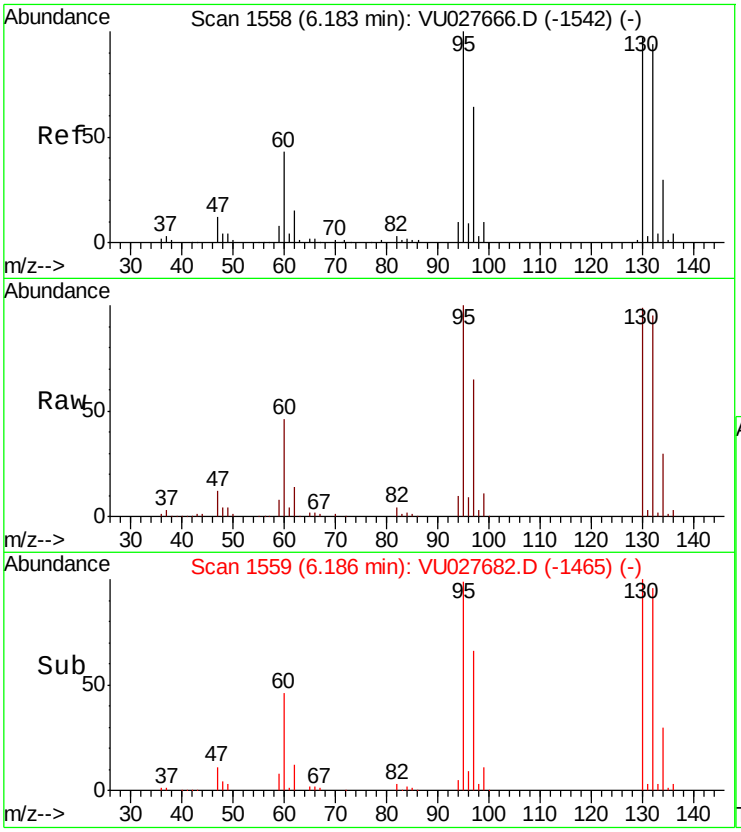


#31
Carbon tetrachloride
Concen: 0.125 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion:117 Resp: 1071

Ion	Ratio	Lower	Upper
117	100		
119	104.6	77.1	115.7



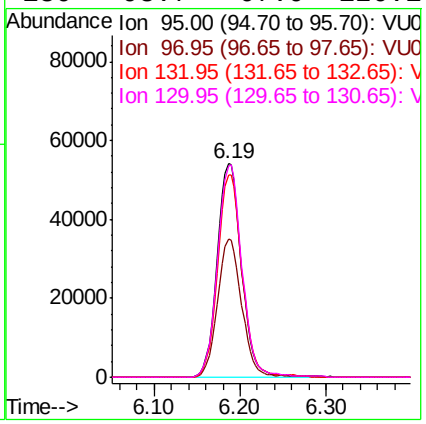


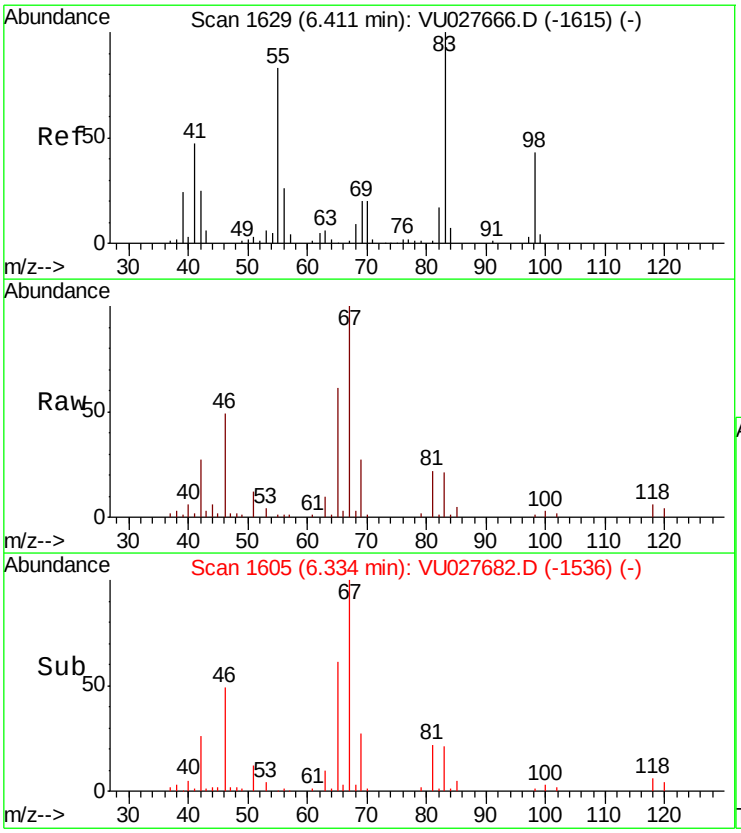
#34
Trichloroethene
Concen: 16.422 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument :
MSVOA_U
ClientSampleId :
C0JC3

Tgt Ion: 95 Resp: 107012

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.7	83.1
132	94.5	65.9	122.5
130	98.7	67.9	126.1

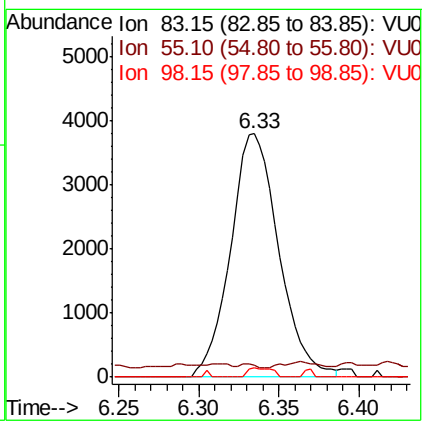


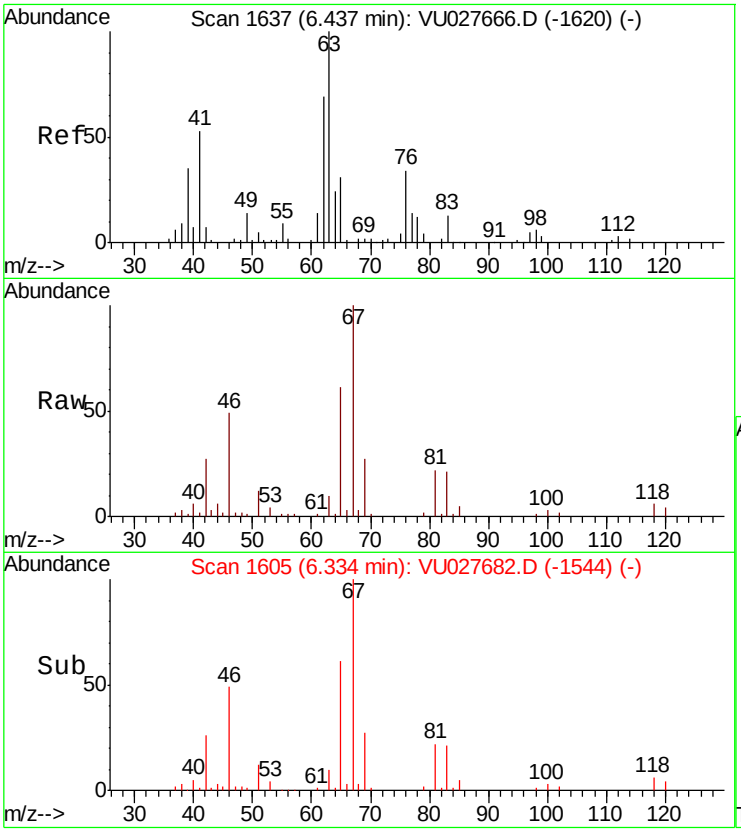


#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 83 Resp: 7823

Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.0	103.4#
98	1.8	35.4	53.2#



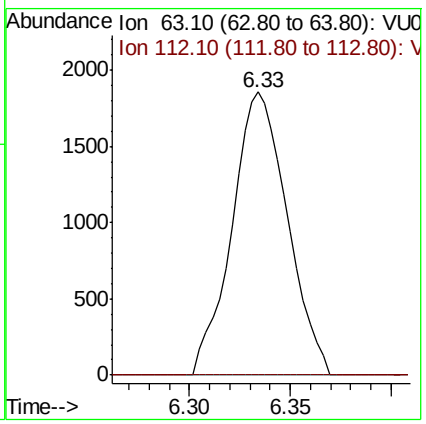


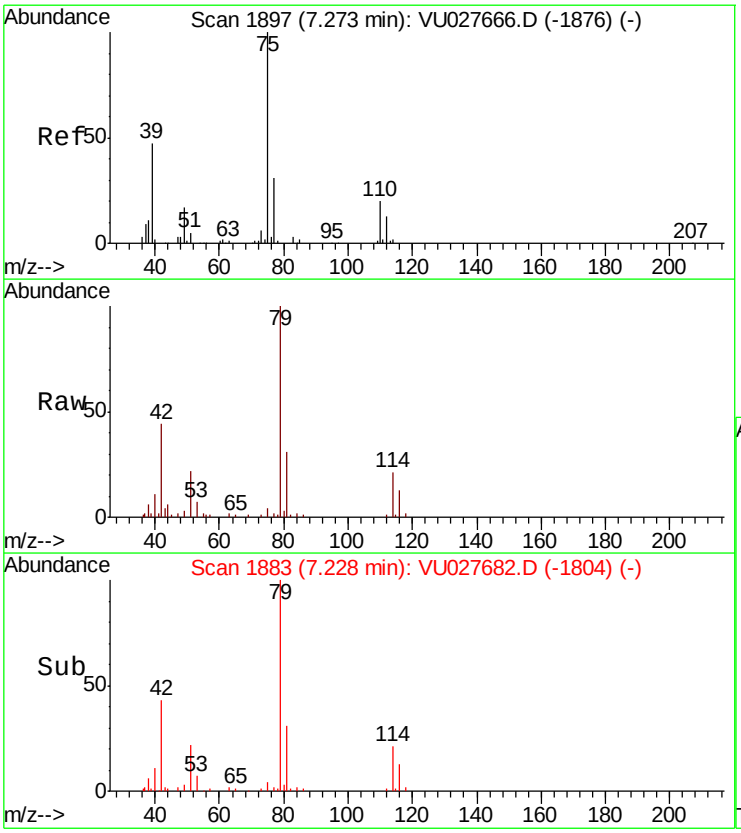
#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument : MSVOA_U
ClientSampleId : C0JC3

Tgt Ion: 63 Resp: 3547

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

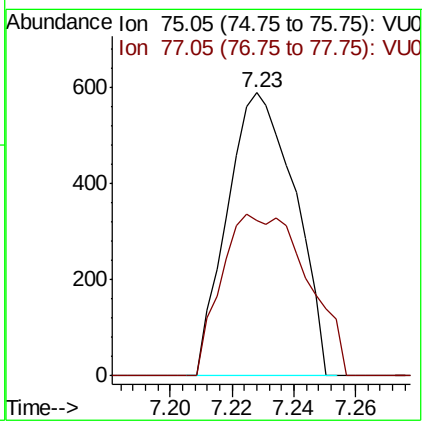


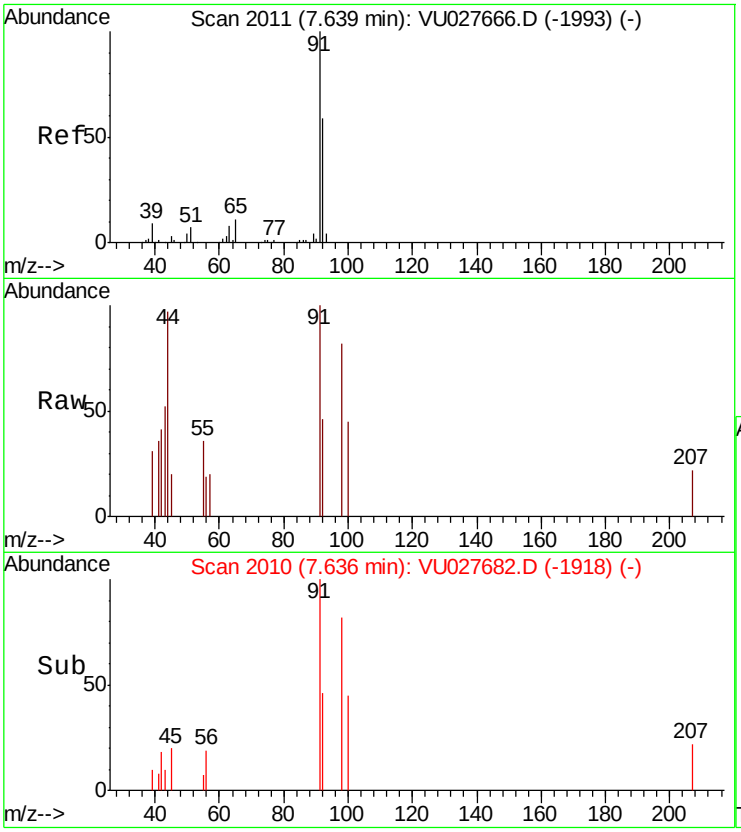


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 75 Resp: 894

Ion	Ratio	Lower	Upper
75	100		
77	54.7	22.2	41.2#



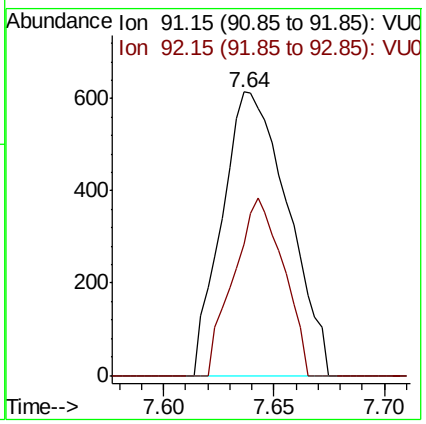


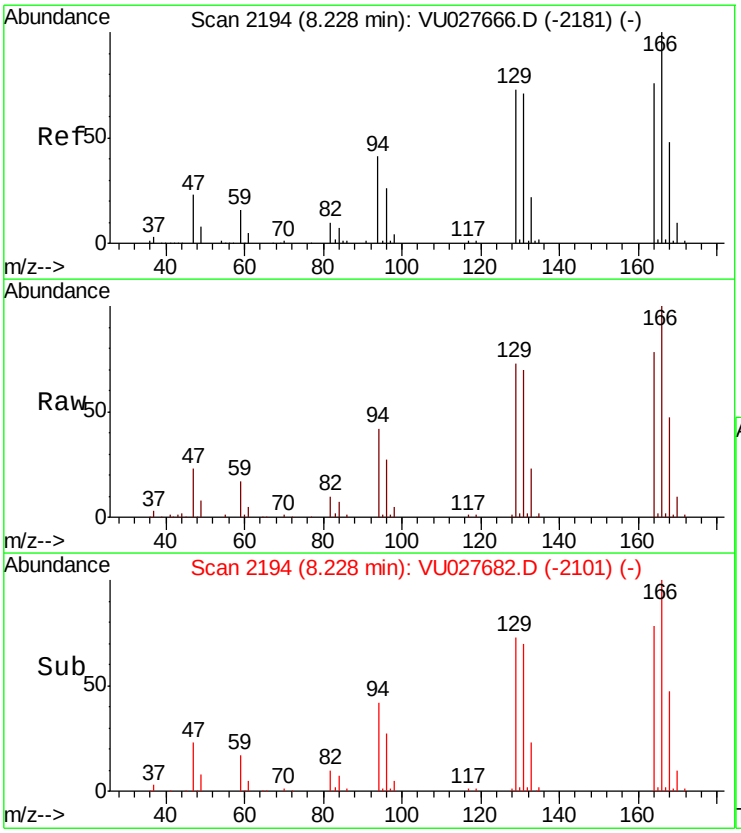
#42
Toluene
Concen: 0.047 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument : MSVOA_U
ClientSampleId : C0JC3

Tgt Ion: 91 Resp: 1270

Ion	Ratio	Lower	Upper
91	100		
92	46.4	41.1	76.3

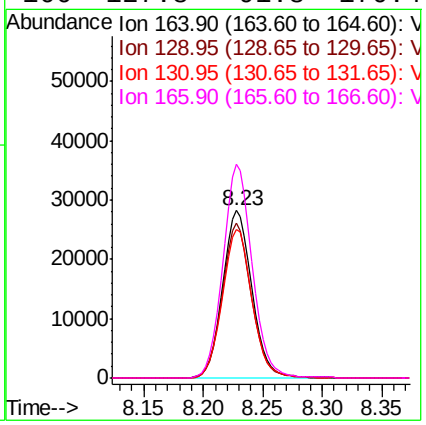


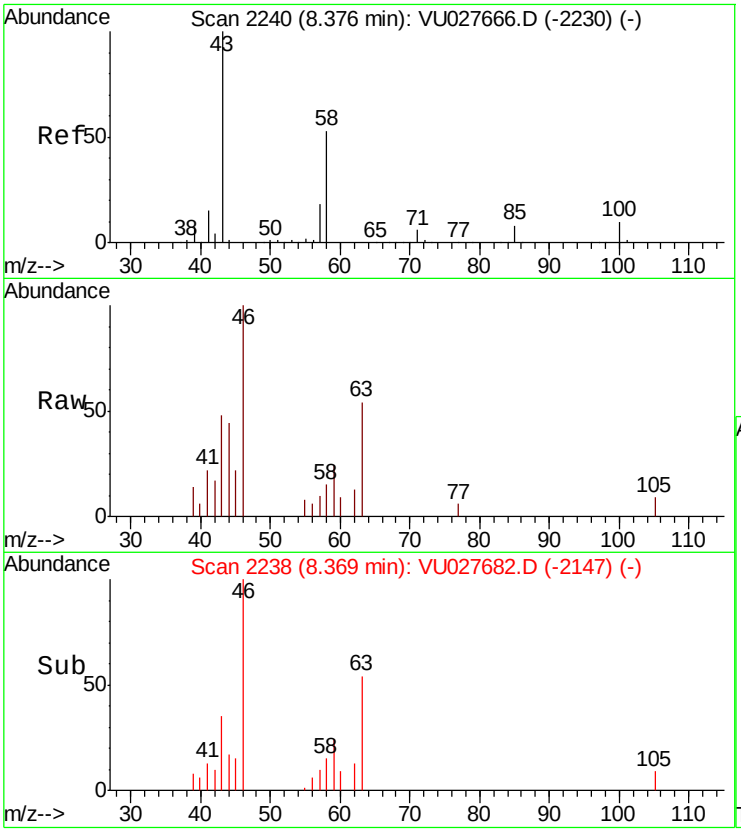


#47
Tetrachloroethene
Concen: 9.248 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion:164 Resp: 48112

Ion	Ratio	Lower	Upper
164	100		
129	92.7	67.3	124.9
131	89.0	64.8	120.3
166	127.8	91.8	170.4



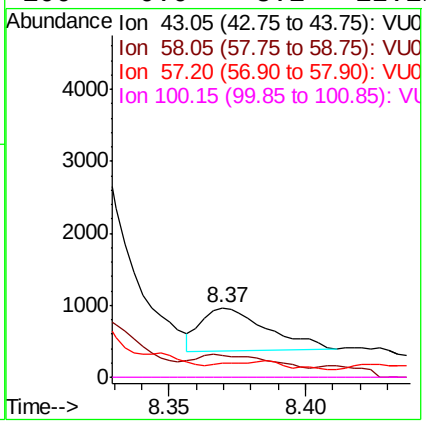


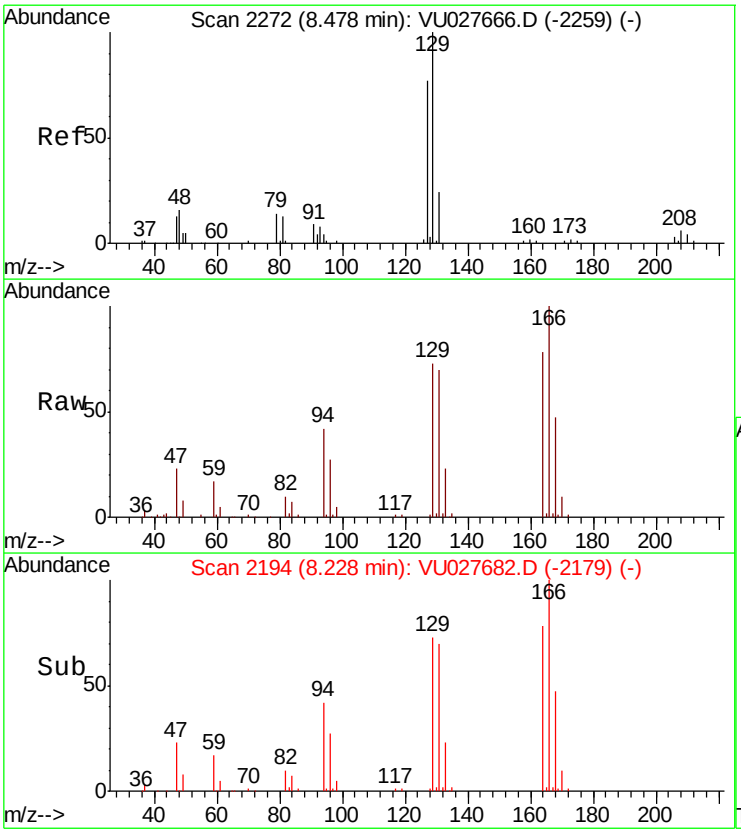
#48
2-Hexanone
Concen: 0.285 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. -0.01 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument : MSVOA_U
ClientSampleId : C0JC3

Tgt Ion: 43 Resp: 998

Ion	Ratio	Lower	Upper
43	100		
58	70.3	42.7	64.1#
57	24.0	14.5	21.7#
100	0.0	8.1	12.1#

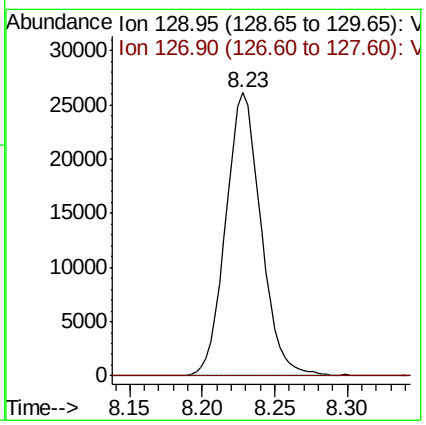


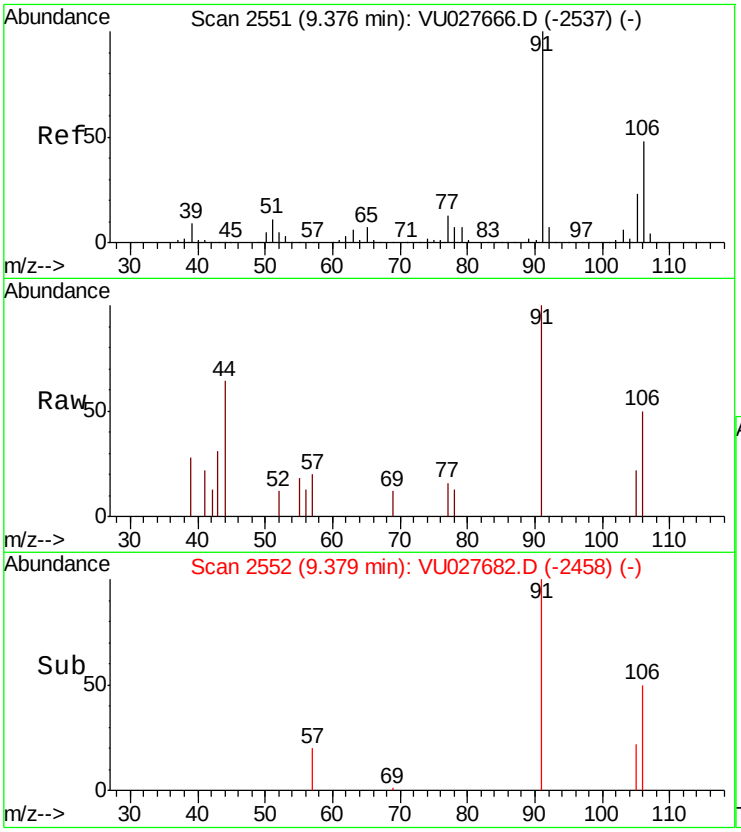


#49
Dibromochloromethane
Concen: 7.653 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion:129 Resp: 44210

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#



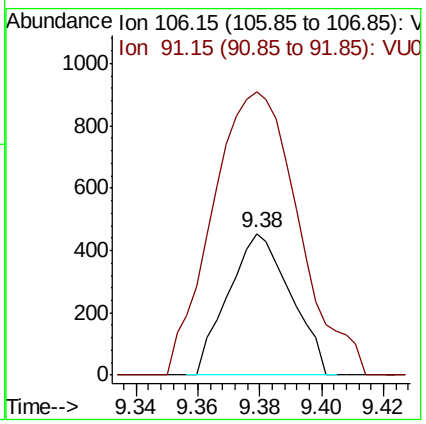


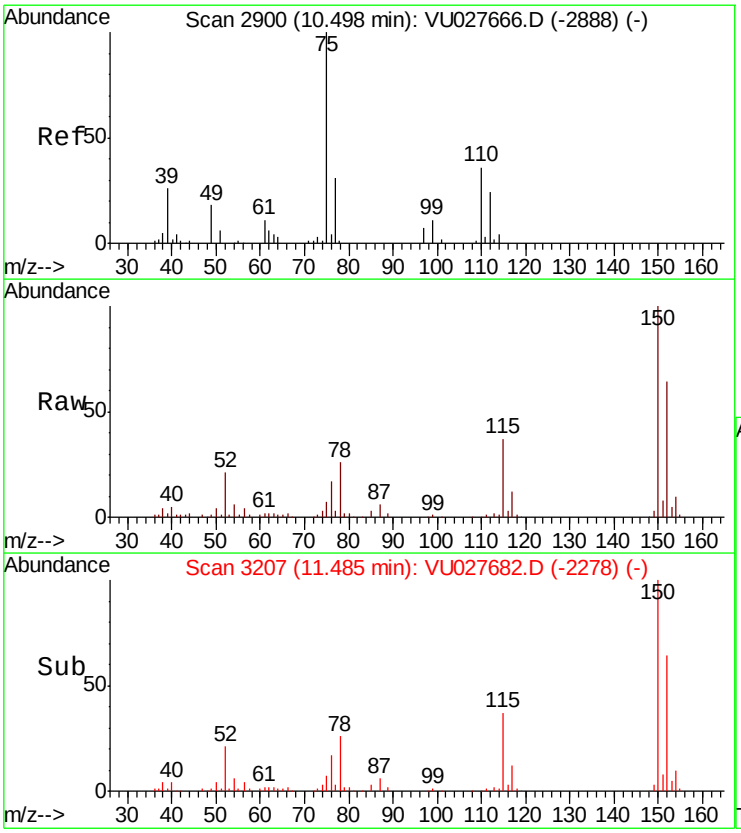
#53
m,p-xylene
Concen: 0.057 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Instrument :
MSVOA_U
ClientSampleId :
C0JC3

Tgt Ion:106 Resp: 636

Ion	Ratio	Lower	Upper
106	100		
91	200.0	146.8	272.6





#59
1,2,3-Trichloropropane
Concen: 1.131 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027682.D
Acq: 17 Oct 2018 16:56

Tgt Ion: 75 Resp: 4699

Ion	Ratio	Lower	Upper
75	100		
77	38.2	26.9	40.3