Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027738.D
Acq On : 22 Oct 2018 13:21
Operator : MD/SY
Sample : J5589-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0T28

Quant Time: Oct 23 08:51:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	93438	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	85492	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37686	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	41478	57.05	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 114.10%				
7) Chloroethane-d5	1.68	69	32101	57.35	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.70%				
11) 1,1-Dichloroethene-d2	2.27	63	58424	44.62	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.24%				
21) 2-Butanone-d5	4.18	46	76636	123.70	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.70%				
24) Chloroform-d	4.65	84	76378	58.44	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.88%				
26) 1,2-Dichloroethane-d4	5.31	65	54360	60.07	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.14%				
32) Benzene-d6	5.34	84	148671	61.06	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.12%				
36) 1,2-Dichloropropane-d6	6.33	67	53360	61.39	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 122.78%#				
41) Toluene-d8	7.57	98	133571	59.47	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.94%				
43) trans-1,3-Dichloropropene-	7.85	79	25279	59.89	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 119.78%				
47) 2-Hexanone-d5	8.31	63	56417	126.83	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 126.83%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66523	59.26	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.52%				
64) 1,2-Dichlorobenzene-d4	11.86	152	47645	61.72	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.44%#				
Target Compounds							Qvalue
9) Trichlorofluoromethane	1.89	101	25175	24.762	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	477	0.857	ug/L	#	18
12) 1,1-Dichloroethene	2.28	96	349	0.670	ug/L	#	1
13) Acetone	2.32	43	1788	4.143	ug/L		95
27) 1,2-Dichloroethane	5.35	62	822	0.781	ug/L	#	78
31) Carbon tetrachloride	5.14	117	548	0.588	ug/L	#	2
34) Trichloroethene	6.19	95	8647	13.581	ug/L		98
35) Methylcyclohexane	6.33	83	11720	10.644	ug/L	#	14
37) 1,2-Dichloropropane	6.33	63	5853	7.789	ug/L	#	90
39) cis-1,3-Dichloropropene	7.23	75	1464	1.265	ug/L	#	40
40) 4-Methyl-2-pentanone	7.39	43	887	0.734	ug/L	#	47
44) trans-1,3-Dichloropropene	7.85	75	1192	1.089	ug/L		94
46) Tetrachloroethene	8.23	164	43509	88.486	ug/L		95
49) Dibromochloromethane	8.23	129	41164	55.968	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	4972	5.599	ug/L		90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027738.D
Acq On : 22 Oct 2018 13:21
Operator : MD/SY
Sample : J5589-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Quant Time: Oct 23 08:51:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 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\VU102218\
Data File : VU027738.D
Acq On : 22 Oct 2018 13:21
Operator : MD/SY
Sample : J5589-07
Misc : 5.0mL/MSVOA_U/WATER
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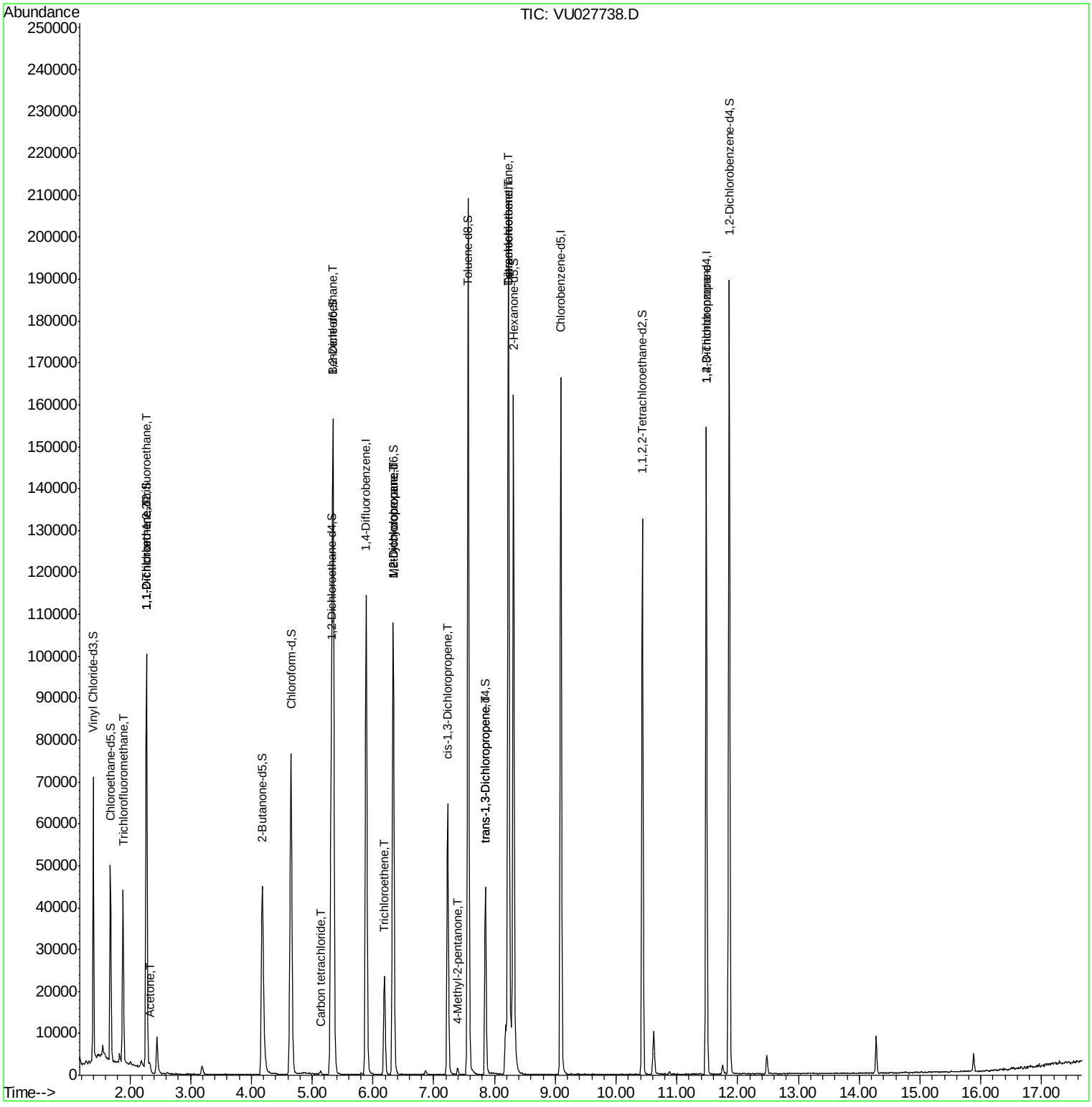
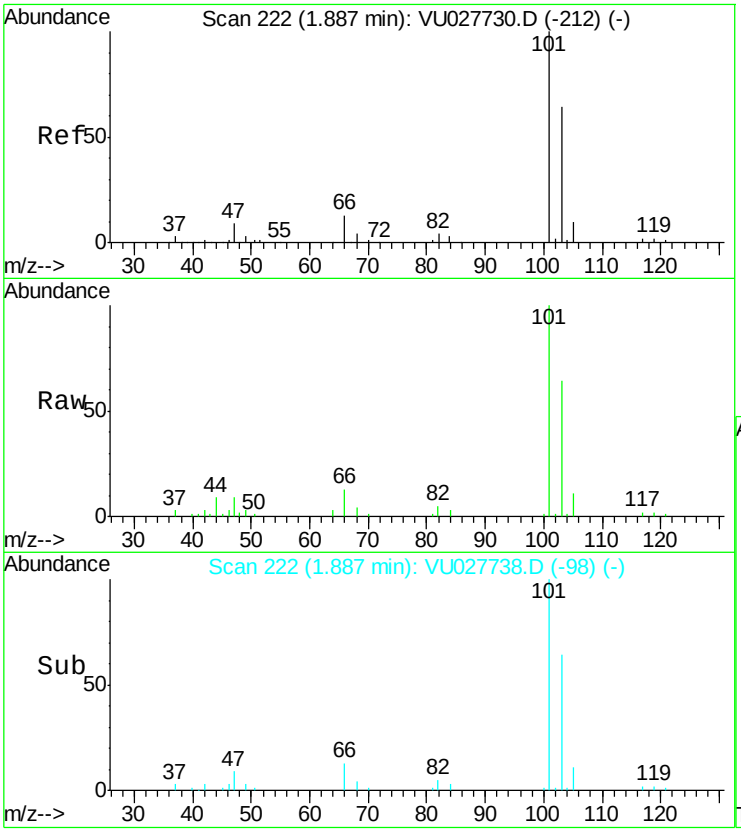
Quant Time: Oct 23 08:51:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration



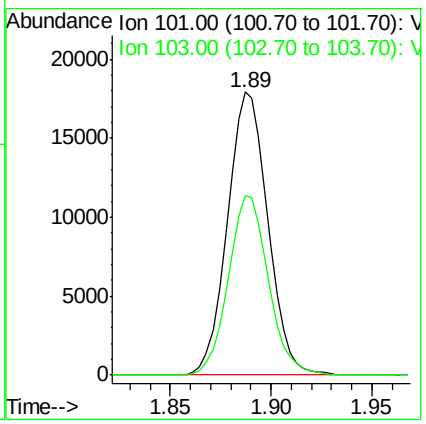


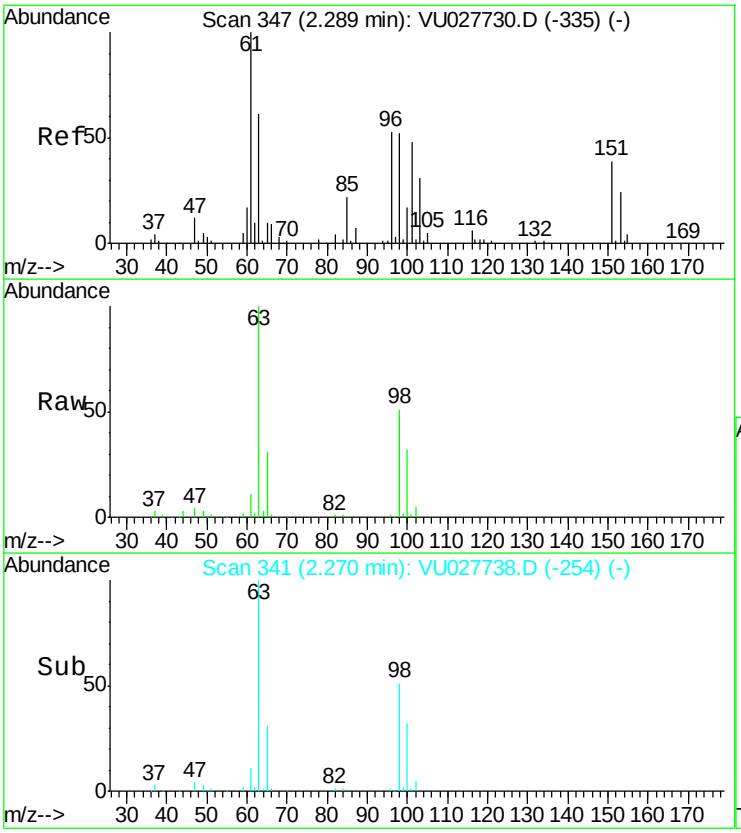
#9
Trichlorofluoromethane
Concen: 24.762 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tgt Ion:101 Resp: 25175

Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.0	76.4

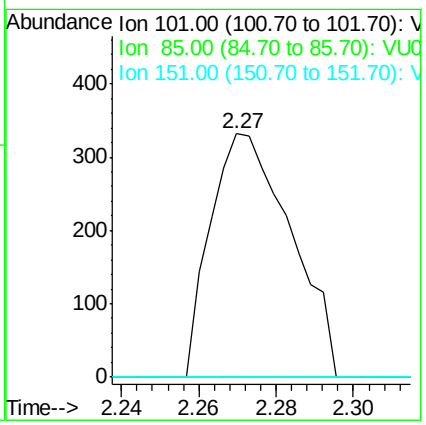


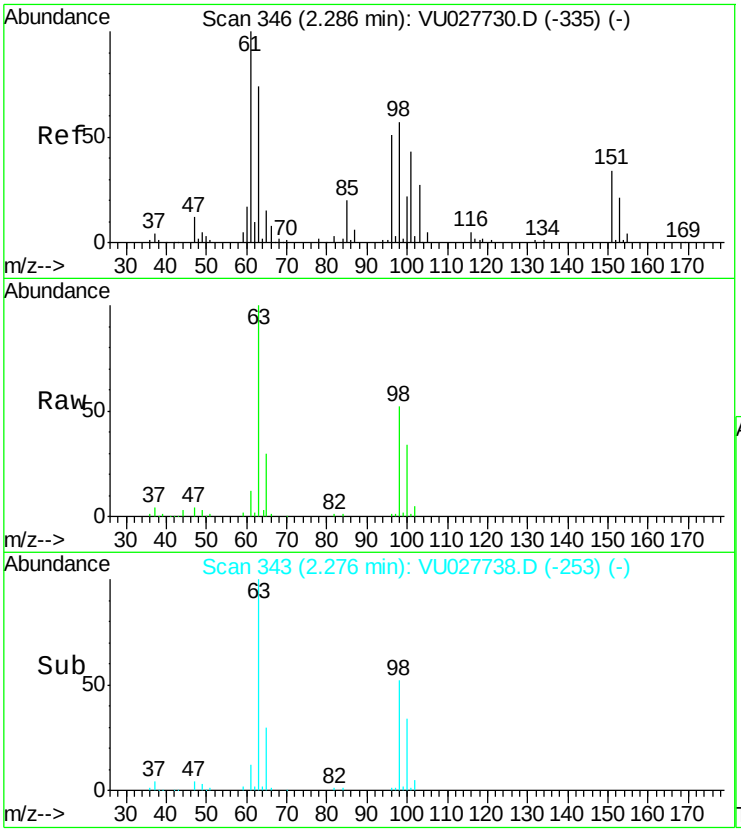


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.857 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion:101 Resp: 477

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	62.0	93.0#



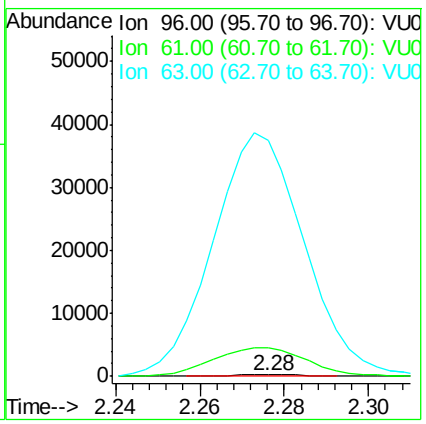


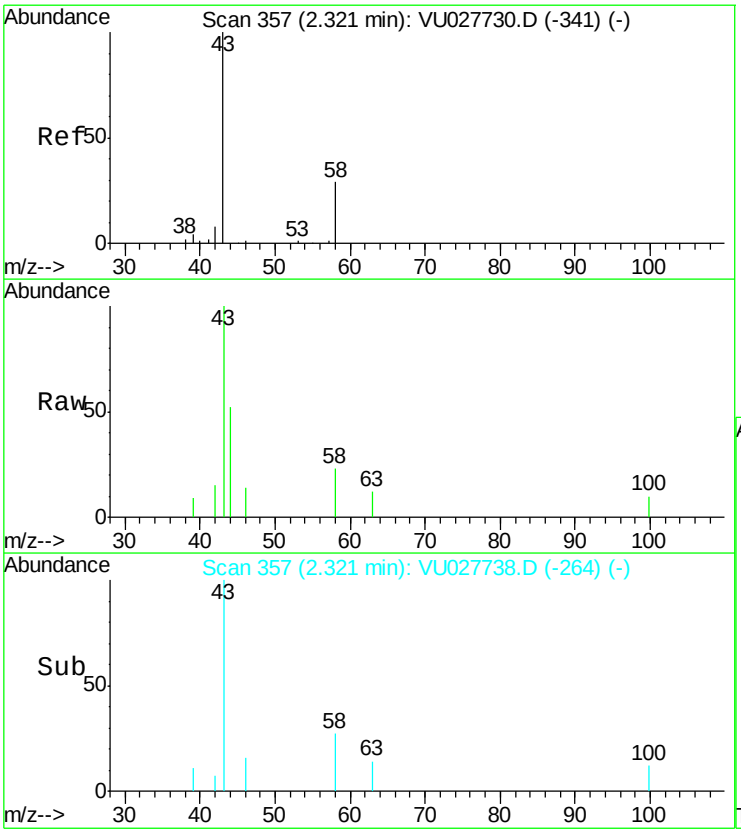
#12
1,1-Dichloroethene
Concen: 0.670 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument : MSVOA_U
ClientSampleId : C0T28

Tgt Ion: 96 Resp: 349

Ion	Ratio	Lower	Upper
96	100		
61	1731.4	137.3	255.1#
63	14344.8	109.8	204.0#

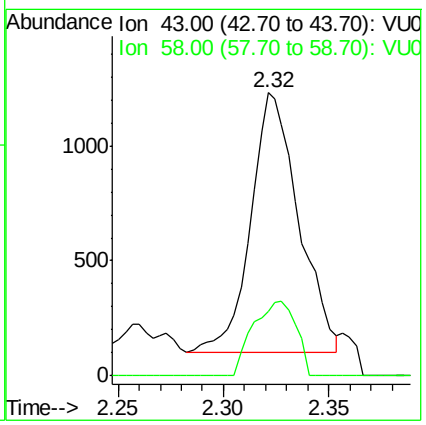


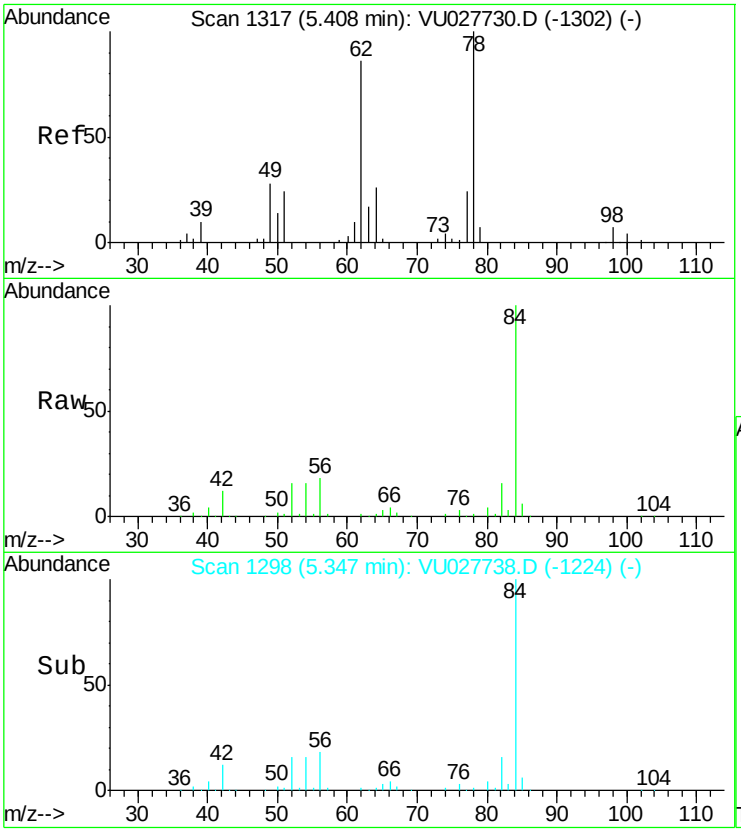


#13
Acetone
Concen: 4.143 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion: 43 Resp: 1788

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	57.4



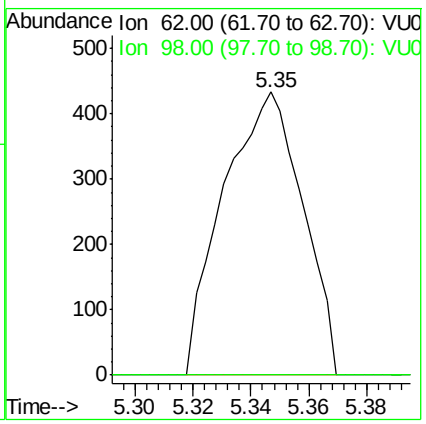


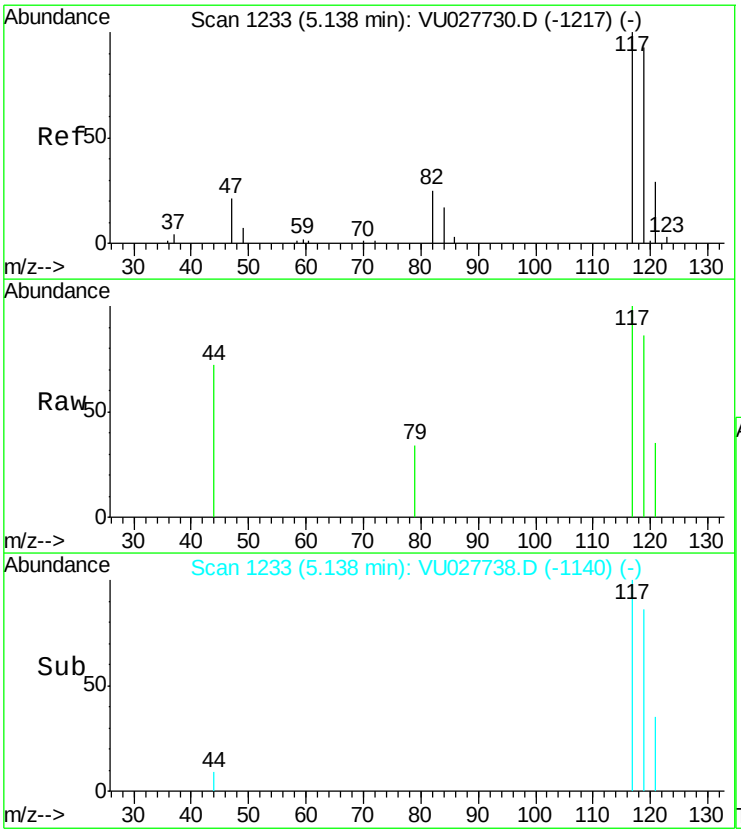
#27
1,2-Dichloroethane
Concen: 0.781 ug/L
RT: 5.35 min Scan# 1298
Delta R.T. -0.06 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tgt Ion: 62 Resp: 822

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

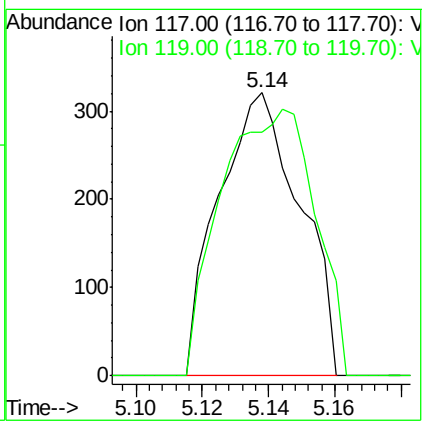


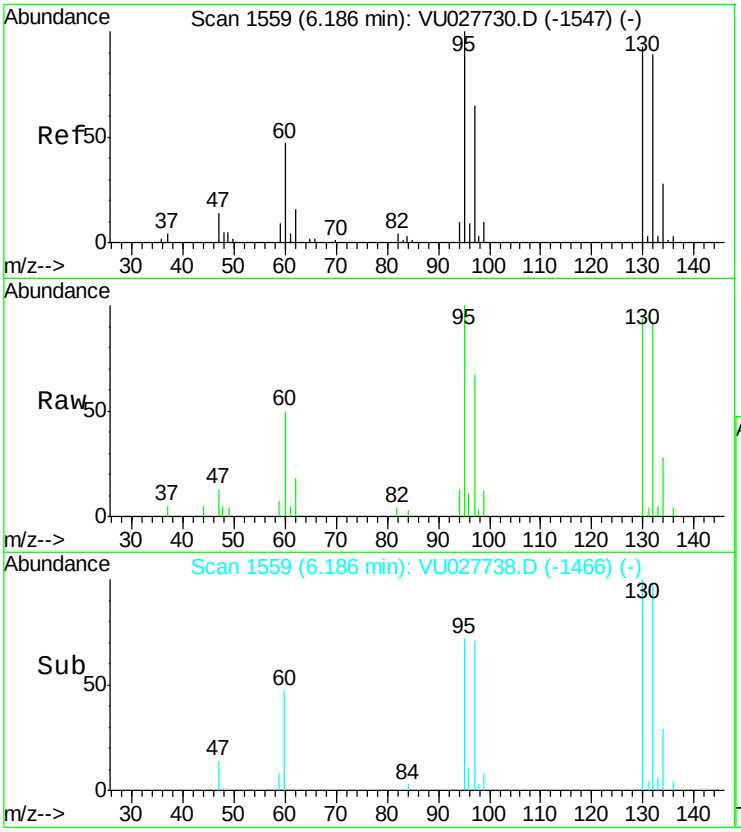


#31
Carbon tetrachloride
Concen: 0.588 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion:117 Resp: 548

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.6	113.4#



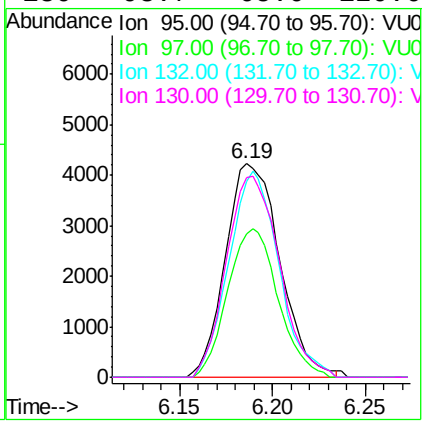


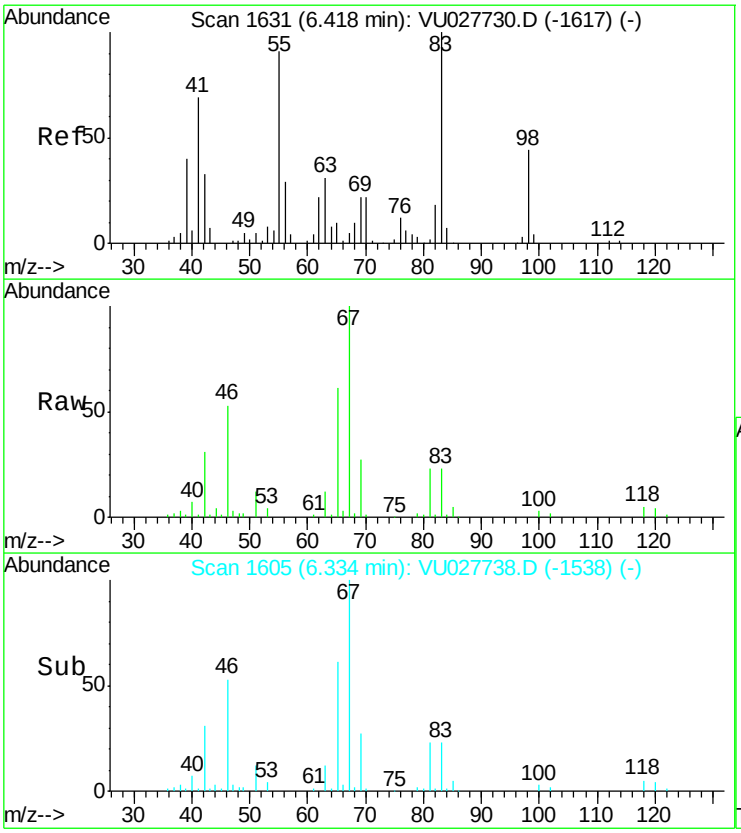
#34
Trichloroethene
Concen: 13.581 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tgt Ion: 95 Resp: 8647

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.8	85.2
132	91.9	62.1	115.3
130	93.7	65.0	120.6

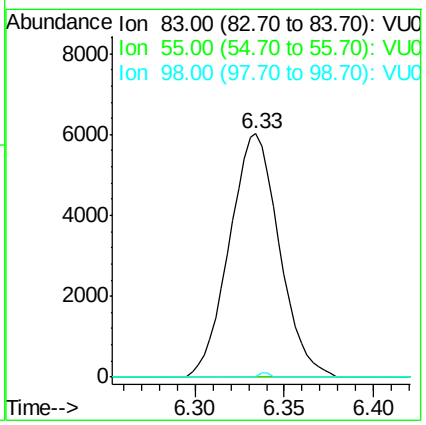


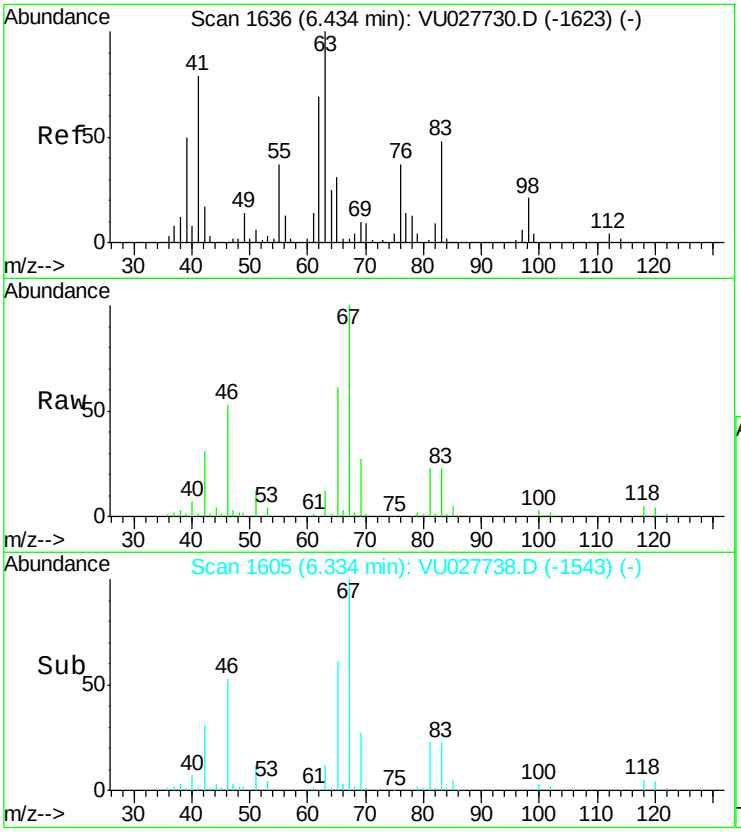


#35
Methylcyclohexane
Concen: 10.644 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion: 83 Resp: 11720

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.4	34.6	52.0#



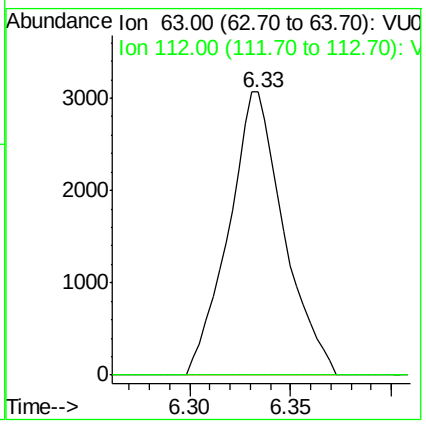


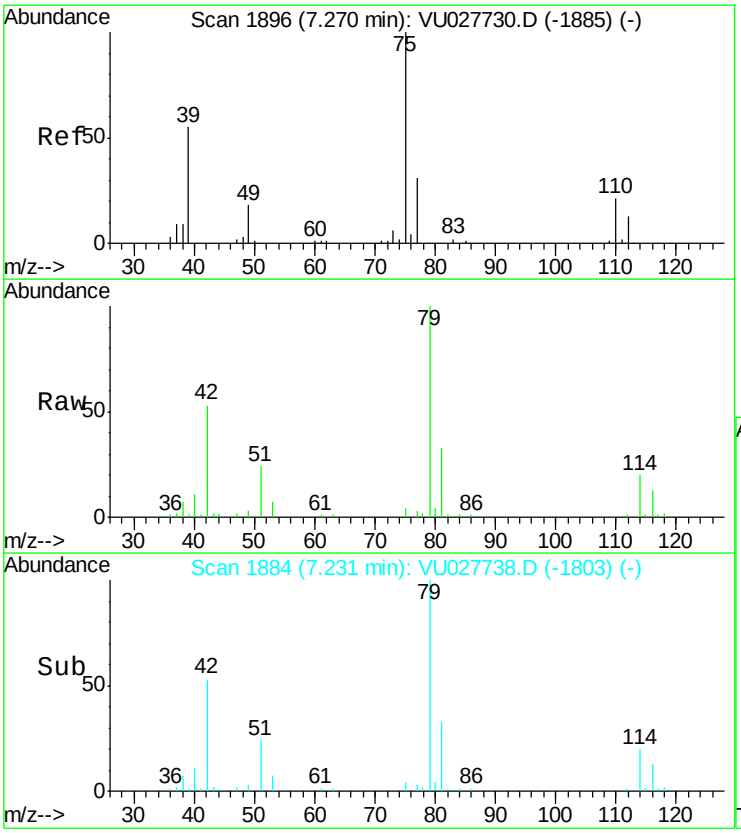
#37
1,2-Dichloropropane
Concen: 7.789 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument : MSVOA_U
ClientSampleId : C0T28

Tgt Ion: 63 Resp: 5853

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

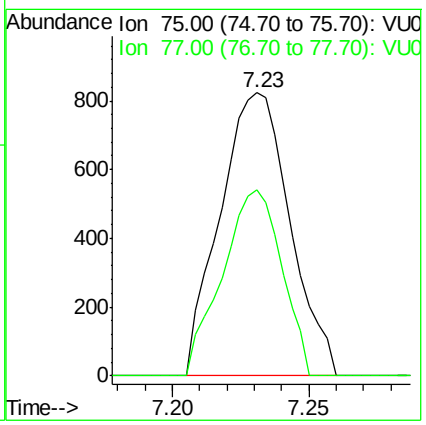


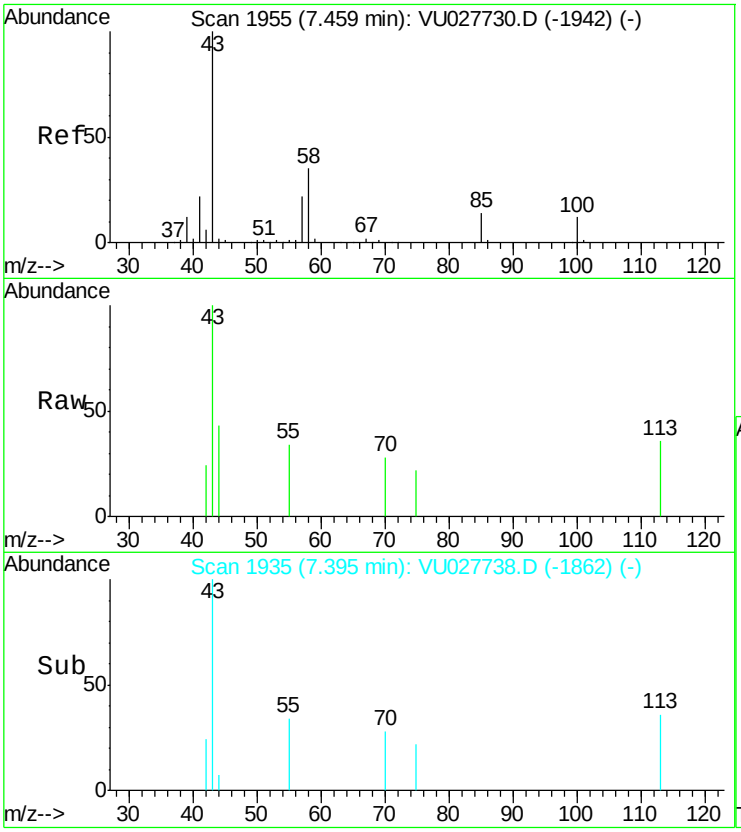


#39
cis-1,3-Dichloropropene
Concen: 1.265 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion: 75 Resp: 1464

Ion	Ratio	Lower	Upper
75	100		
77	65.6	22.5	41.7#



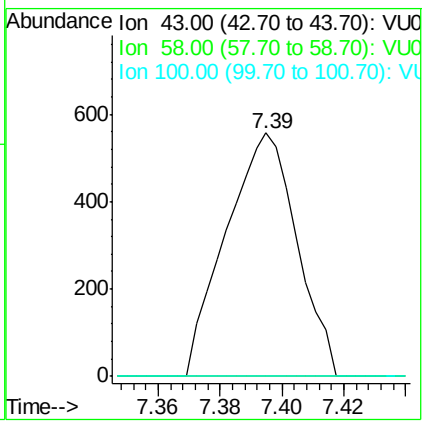


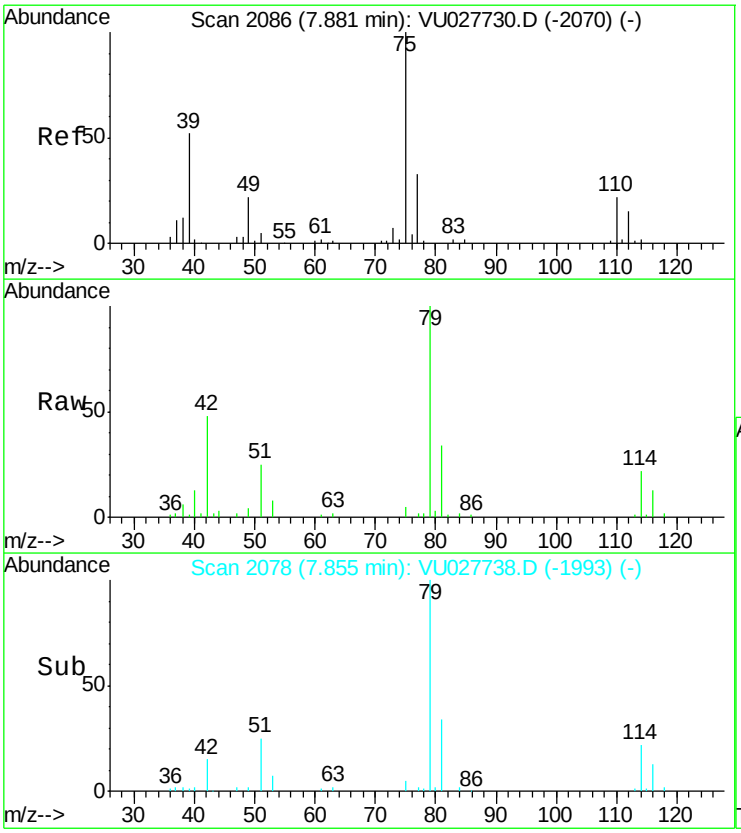
#40
4-Methyl-2-pentanone
Concen: 0.734 ug/L
RT: 7.39 min Scan# 1935
Delta R.T. -0.06 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument : MSVOA_U
ClientSampleId : C0T28

Tgt Ion: 43 Resp: 887

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	42.5#
100	0.0	9.1	13.7#

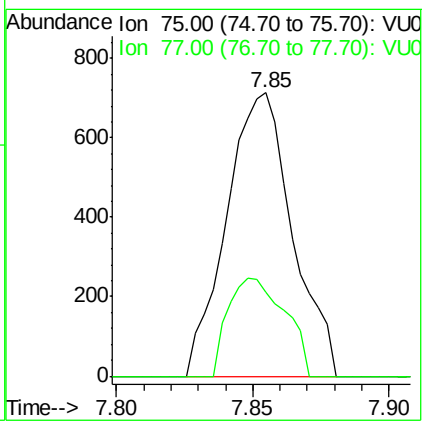


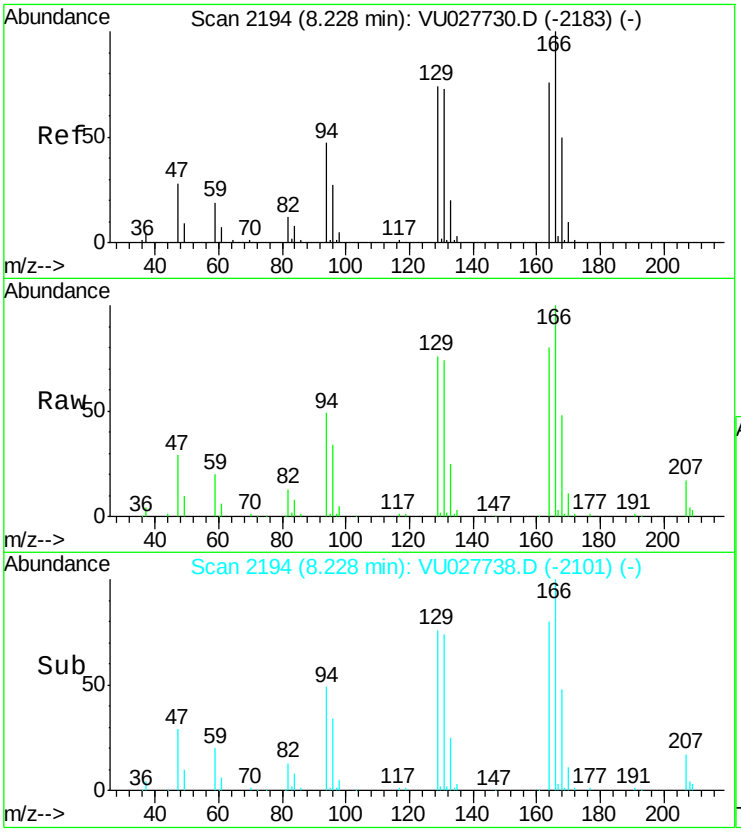


#44
trans-1,3-Dichloropropene
Concen: 1.089 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion: 75 Resp: 1192

Ion	Ratio	Lower	Upper
75	100		
77	29.5	22.8	42.4



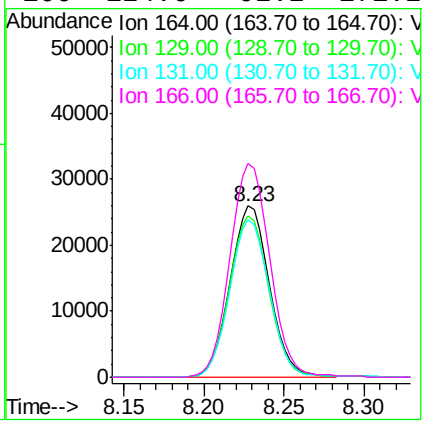


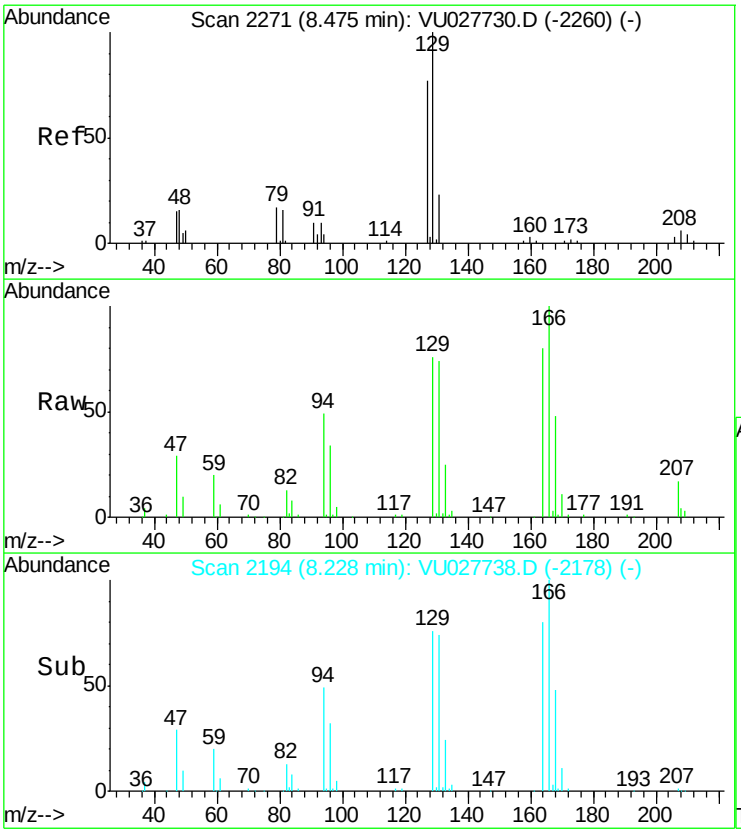
#46
Tetrachloroethene
Concen: 88.486 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tgt Ion:164 Resp: 43509

Ion	Ratio	Lower	Upper
164	100		
129	94.2	68.5	127.3
131	92.1	67.1	124.5
166	124.6	92.2	171.2

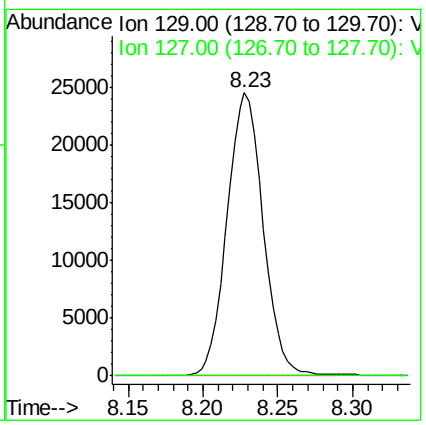


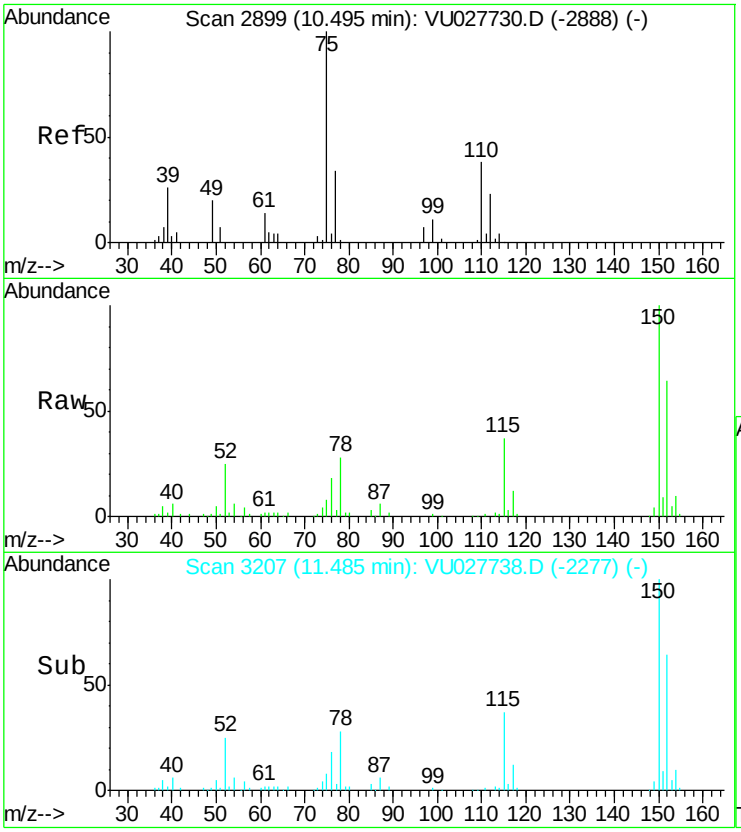


#49
Dibromochloromethane
Concen: 55.968 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Tgt Ion:129 Resp: 41164

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 5.599 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027738.D
Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tgt Ion: 75 Resp: 4972

Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.5	39.7