Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028164.D
Acq On : 15 Nov 2018 11:21
Operator : MD/SY
Sample : J5943-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Quant Time: Nov 16 00:47:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54753	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	44080	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	37718	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.28	63	64948	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	4.19	46	158655	51.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.65	84	79744	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.31	65	45928	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.34	84	162932	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.33	67	60776	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.57	98	142448	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	7.85	79	17482	3.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.00%			
46) 2-Hexanone-d5	8.31	63	118907	45.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41746	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	48585	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	9977	0.725	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	505	0.060	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	822	0.096	ug/L #	1
13) Acetone	2.33	43	2313	1.110	ug/L	95
16) Methylene chloride	2.70	84	4543	0.450	ug/L #	71
18) trans-1,2-Dichloroethene	2.98	96	24118	2.655	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	59889	5.980	ug/L	98
25) Chloroform	4.68	83	22953	1.340	ug/L	99
34) Trichloroethene	6.19	95	38003	3.676	ug/L	96
35) Methylcyclohexane	6.33	83	12908	0.726	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6087	0.526	ug/L #	92
38) Bromodichloromethane	6.77	83	2832	0.230	ug/L #	75
39) cis-1,3-Dichloropropene	7.23	75	1298	0.083	ug/L #	32
47) Tetrachloroethene	8.23	164	1063	0.126	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	7795	1.200	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028164.D
Acq On : 15 Nov 2018 11:21
Operator : MD/SY
Sample : J5943-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Quant Time: Nov 16 00:47:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 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\VU111518\

Quantitation Report (Not Reviewed)

Data File : VU028164.D
Acq On : 15 Nov 2018 11:21
Operator : MD/SY
Sample : J5943-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
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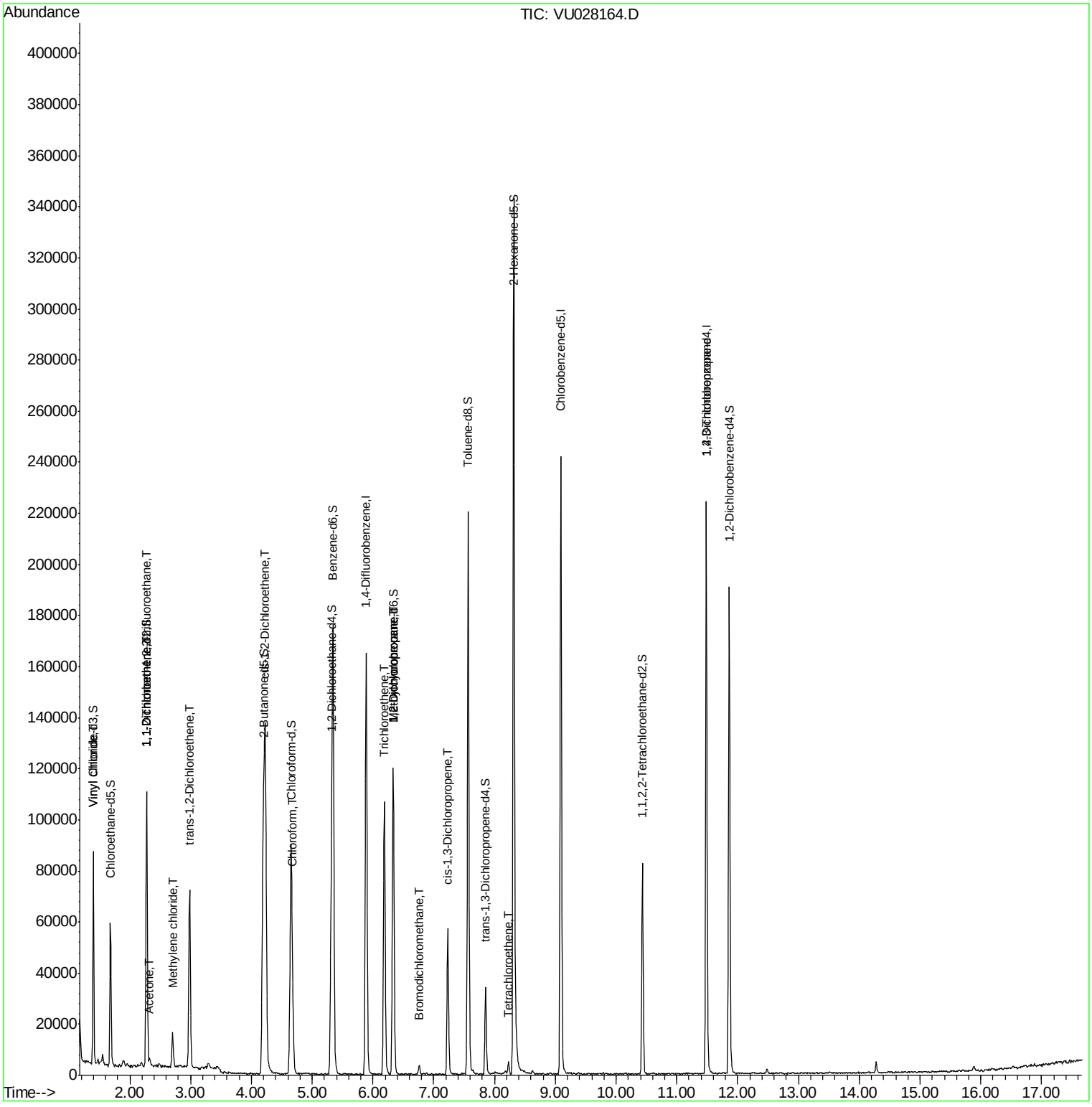
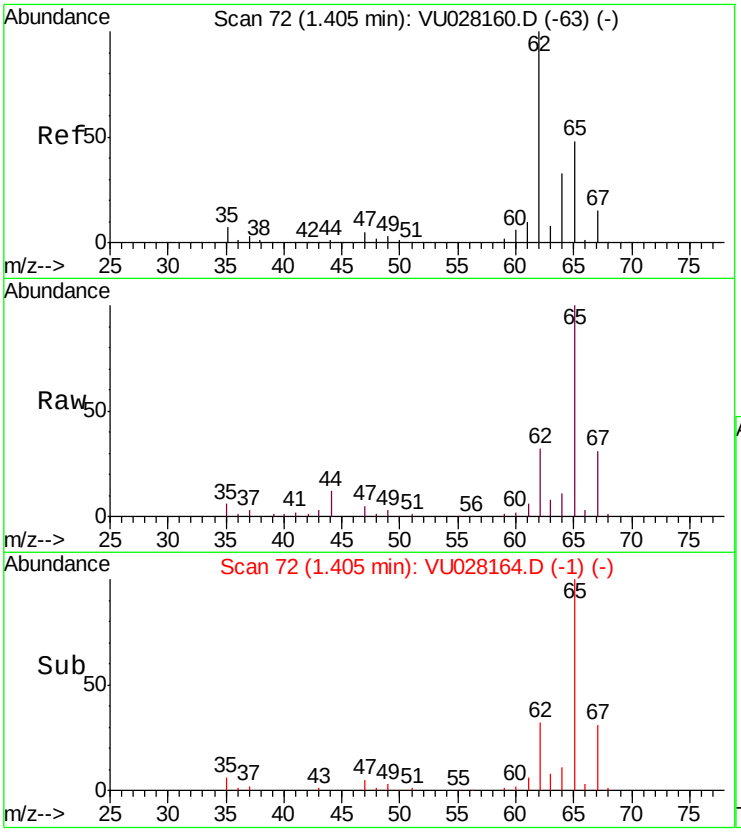
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration



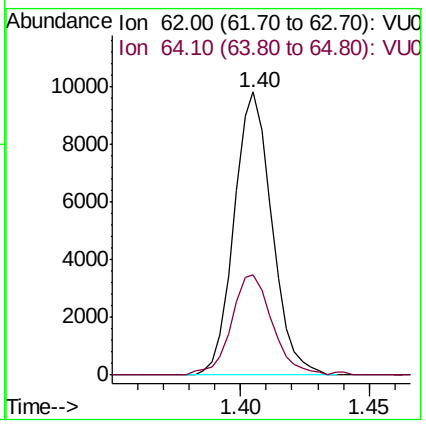


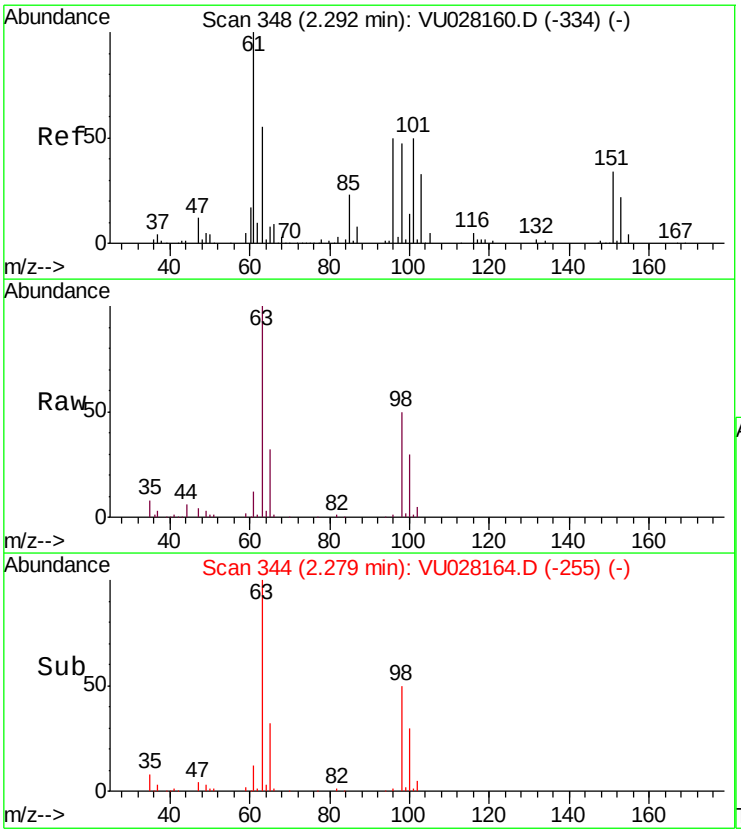
#5
Vinyl chloride
Concen: 0.725 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :
H0FG5DL

Tgt Ion: 62 Resp: 9977

Ion	Ratio	Lower	Upper
62	100		
64	35.5	22.7	42.3

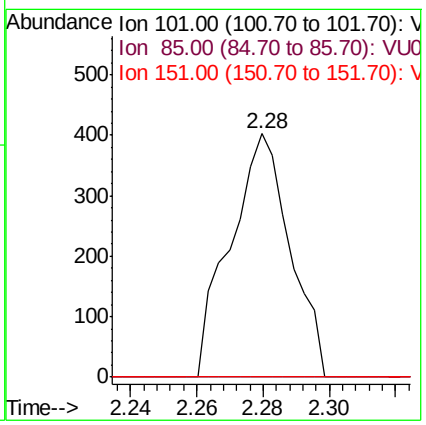


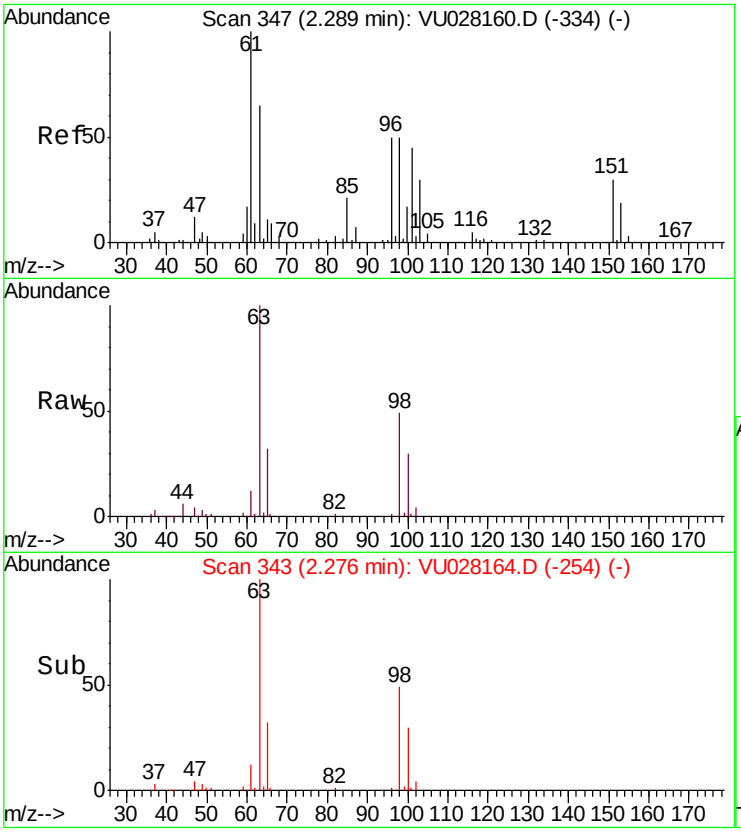


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion:101 Resp: 505

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.6	56.4#
151	0.0	58.2	87.2#



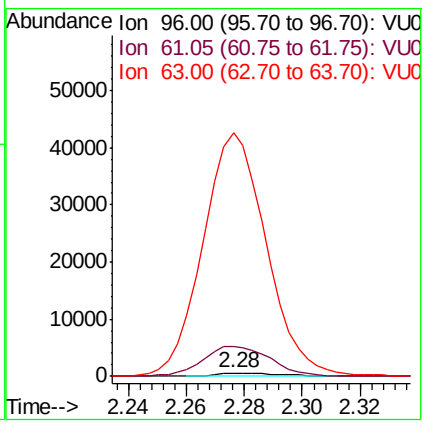


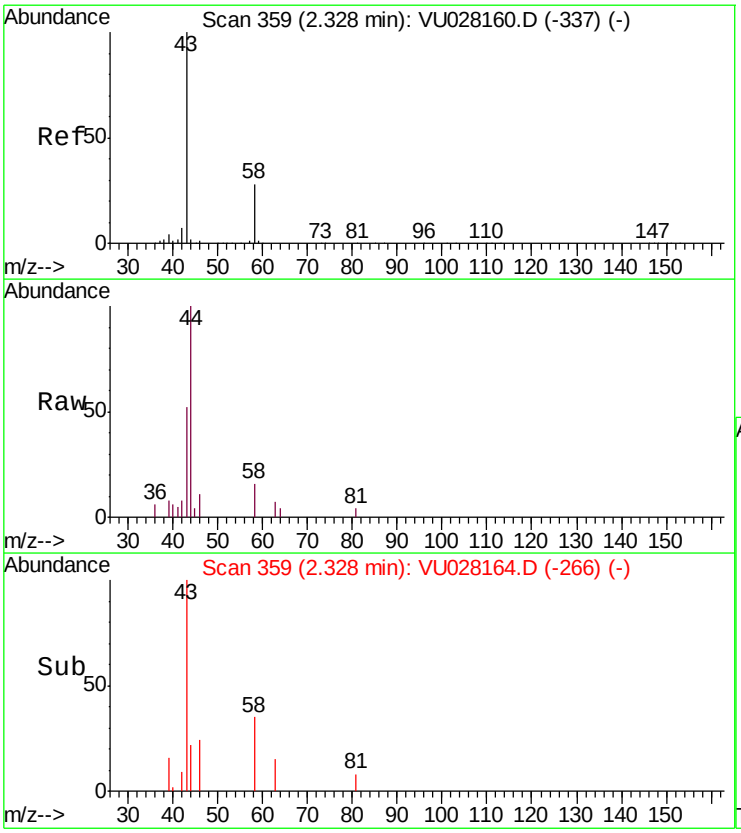
#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Tgt Ion: 96 Resp: 822

Ion	Ratio	Lower	Upper
96	100		
61	974.2	134.8	250.3#
63	7803.7	100.1	185.9#

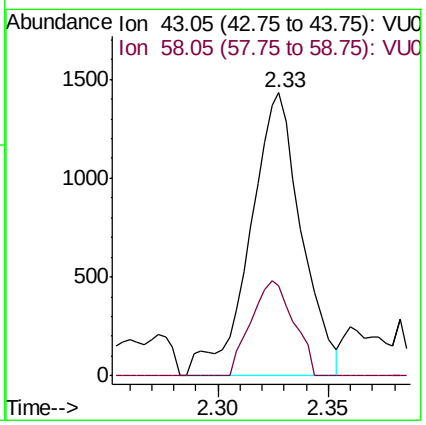


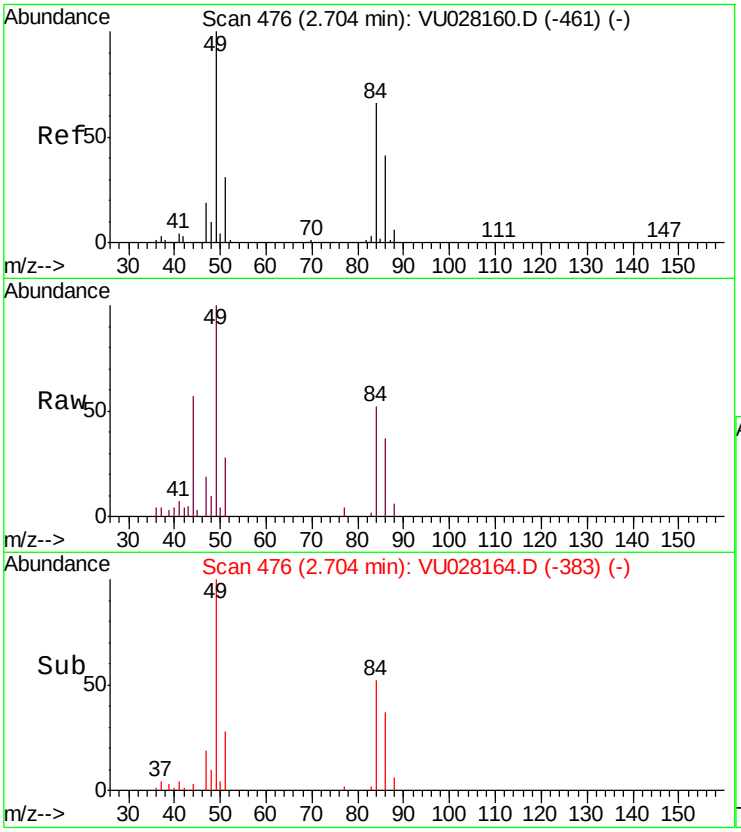


#13
Acetone
Concen: 1.110 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion: 43 Resp: 2313

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	61.6



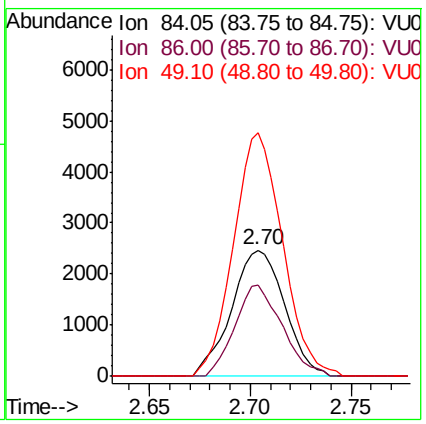


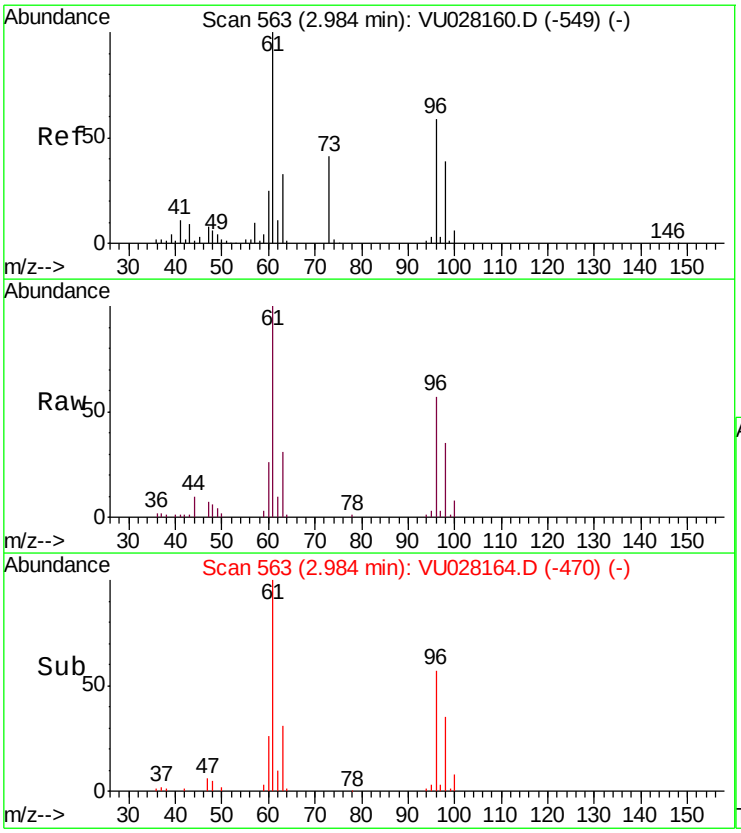
#16
Methylene chloride
Concen: 0.450 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :
H0FG5DL

Tgt Ion: 84 Resp: 4543

Ion	Ratio	Lower	Upper
84	100		
86	72.1	44.6	82.8
49	193.3	102.5	190.3#

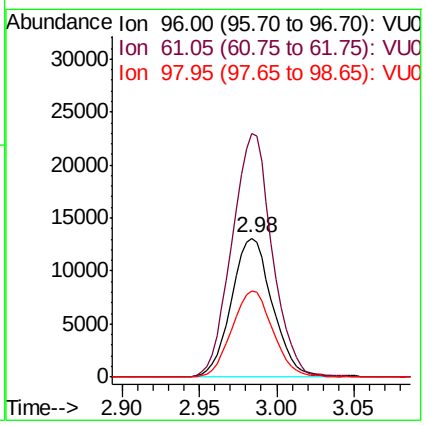


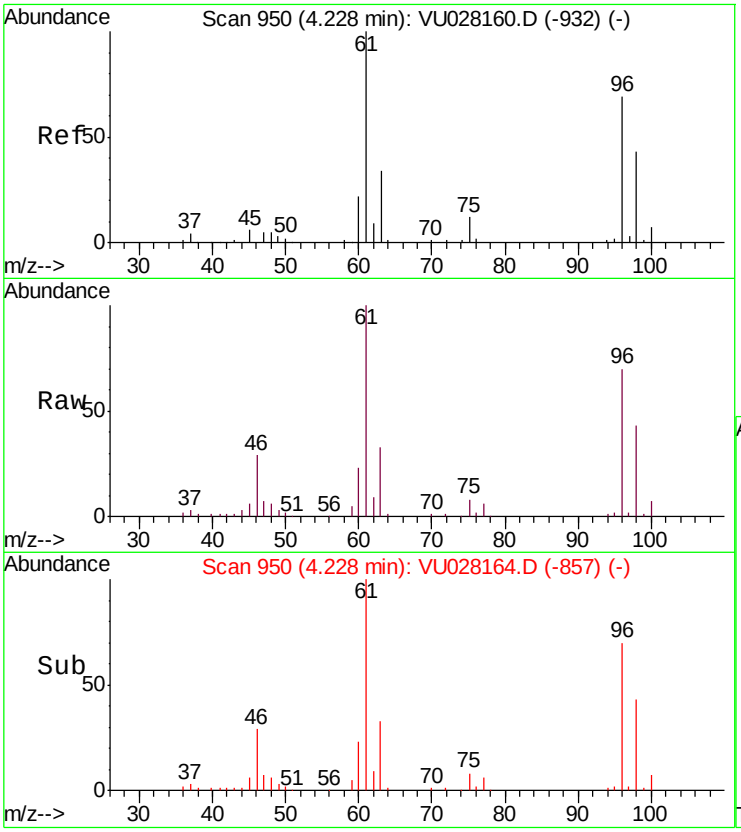


#18
trans-1,2-Dichloroethene
Concen: 2.655 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion: 96 Resp: 24118

Ion	Ratio	Lower	Upper
96	100		
61	175.1	118.5	220.1
98	62.1	44.9	83.5



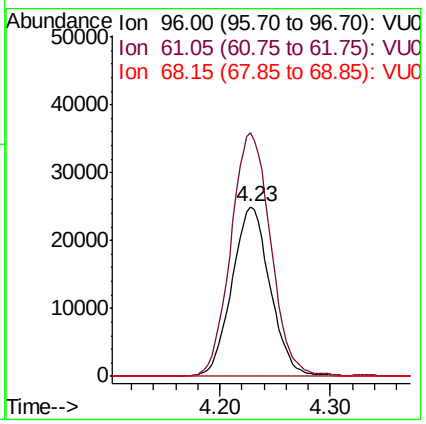


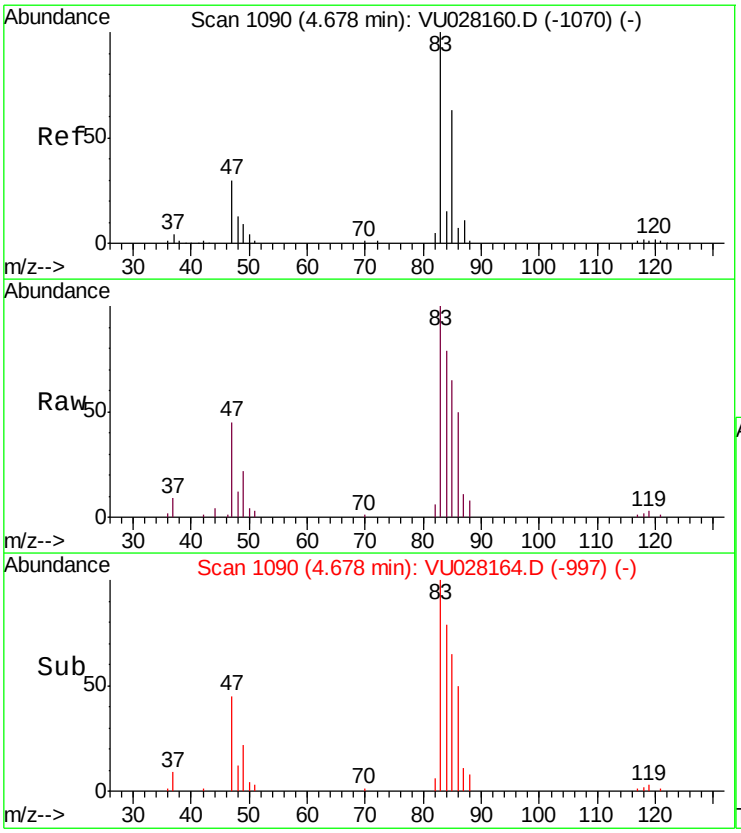
#22
cis-1,2-Dichloroethene
Concen: 5.980 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Tgt Ion: 96 Resp: 59889

Ion	Ratio	Lower	Upper
96	100		
61	143.5	101.8	189.0
68	0.0	0.0	0.0

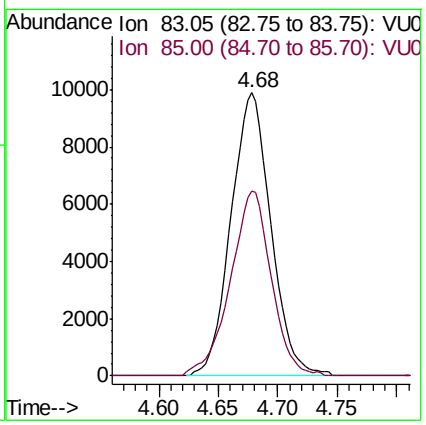


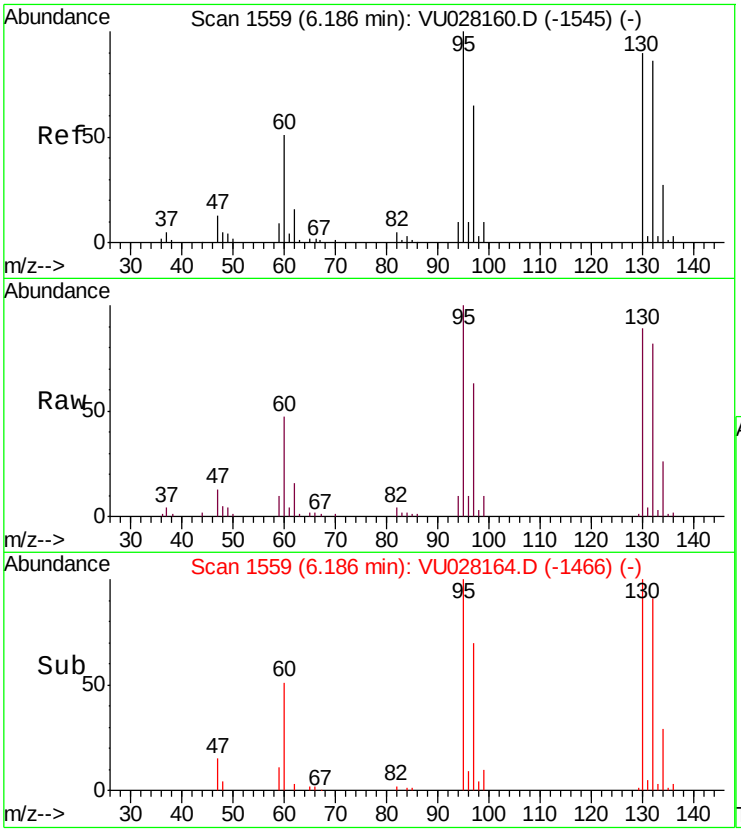


#25
Chloroform
Concen: 1.340 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion: 83 Resp: 22953

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.0	83.6



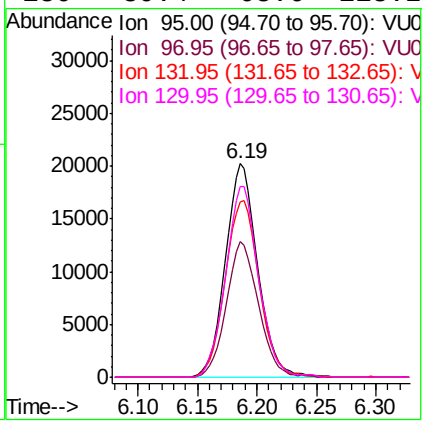


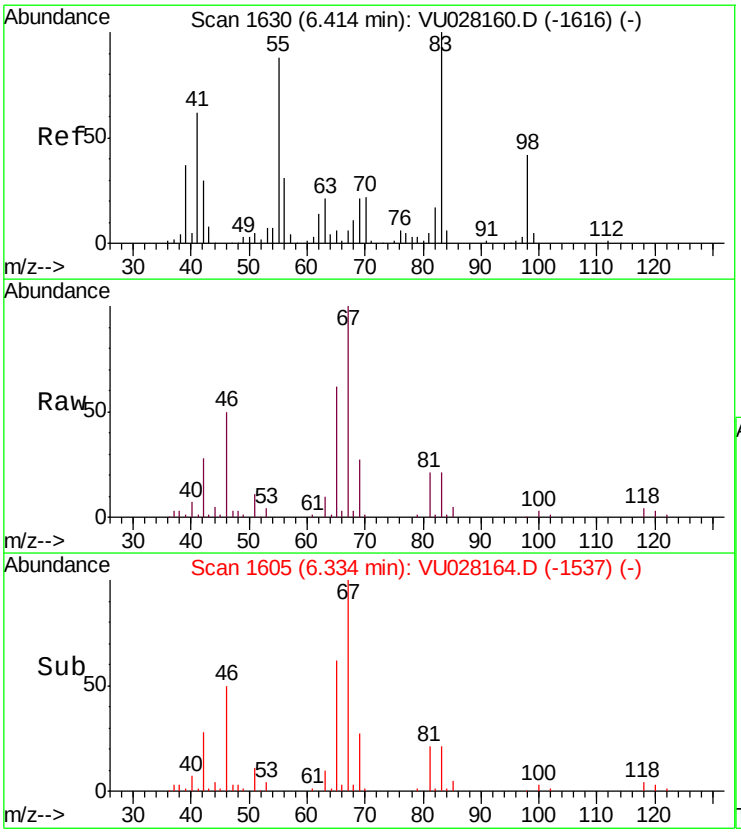
#34
Trichloroethene
Concen: 3.676 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :
H0FG5DL

Tgt Ion: 95 Resp: 38003

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.3	84.1
132	82.2	63.0	117.0
130	89.4	63.6	118.2

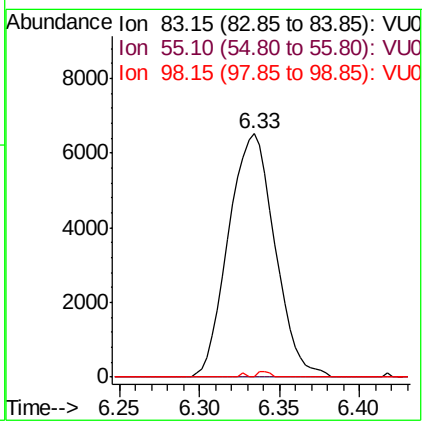


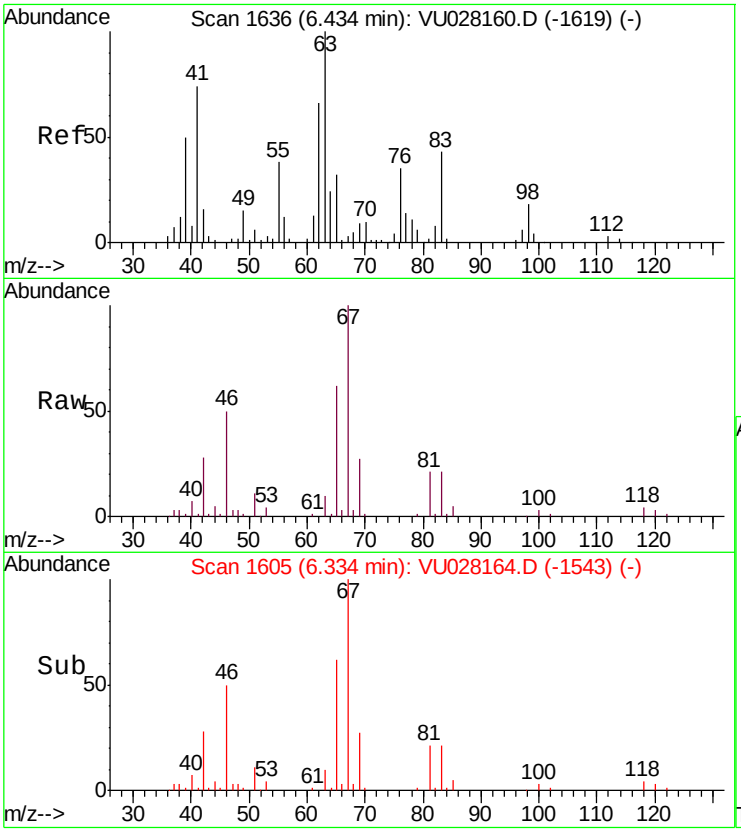


#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion: 83 Resp: 12908

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.6	33.3	49.9#



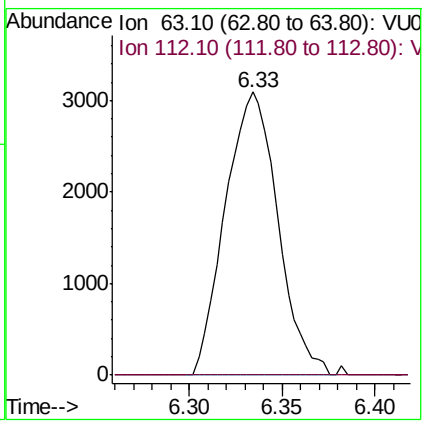


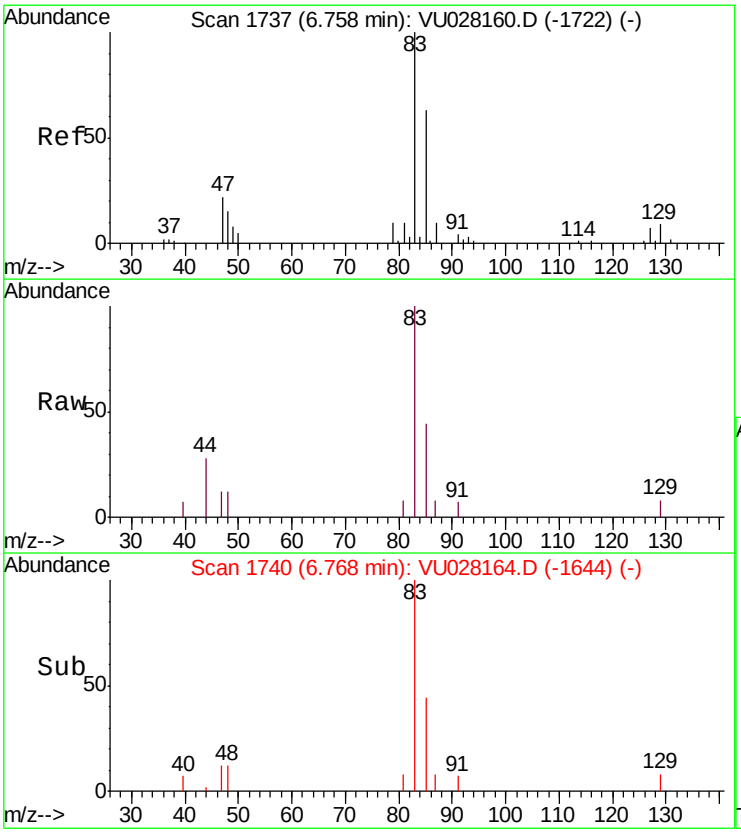
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Tgt Ion: 63 Resp: 6087

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

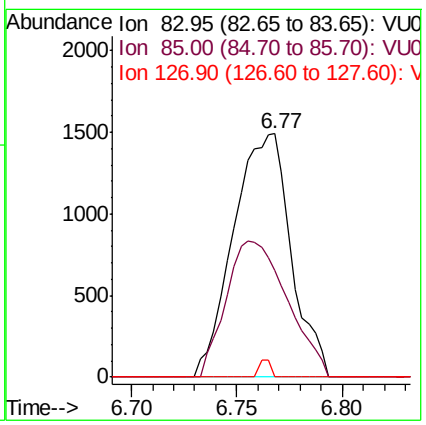


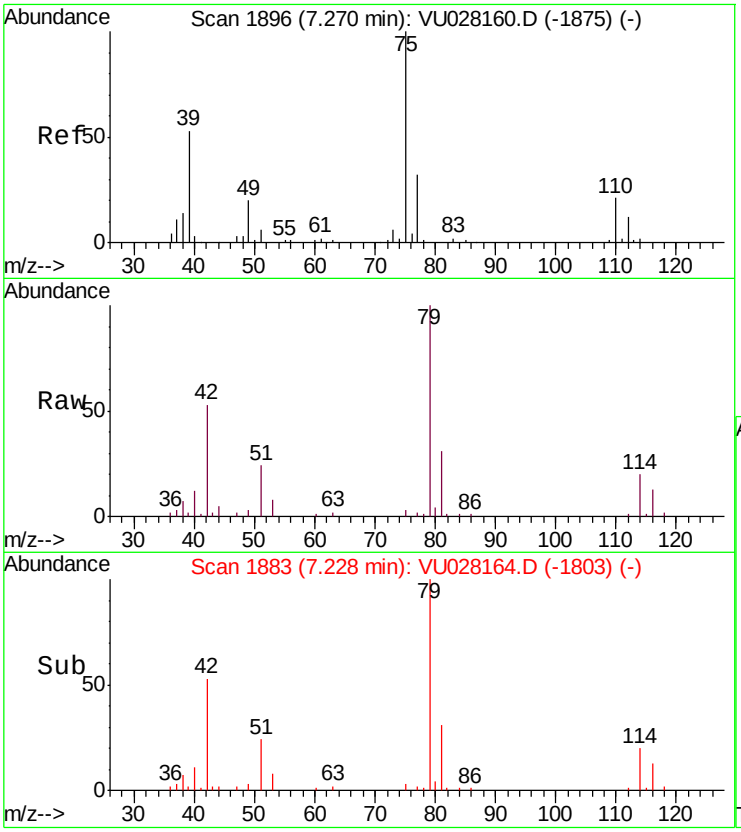


#38
Bromodichloromethane
Concen: 0.230 ug/L
RT: 6.77 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion: 83 Resp: 2832

Ion	Ratio	Lower	Upper
83	100		
85	43.7	44.5	82.7#
127	0.0	6.8	10.2#



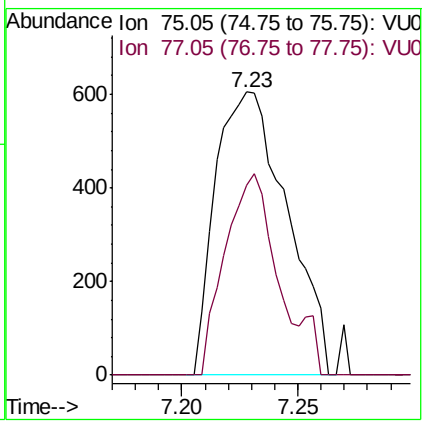


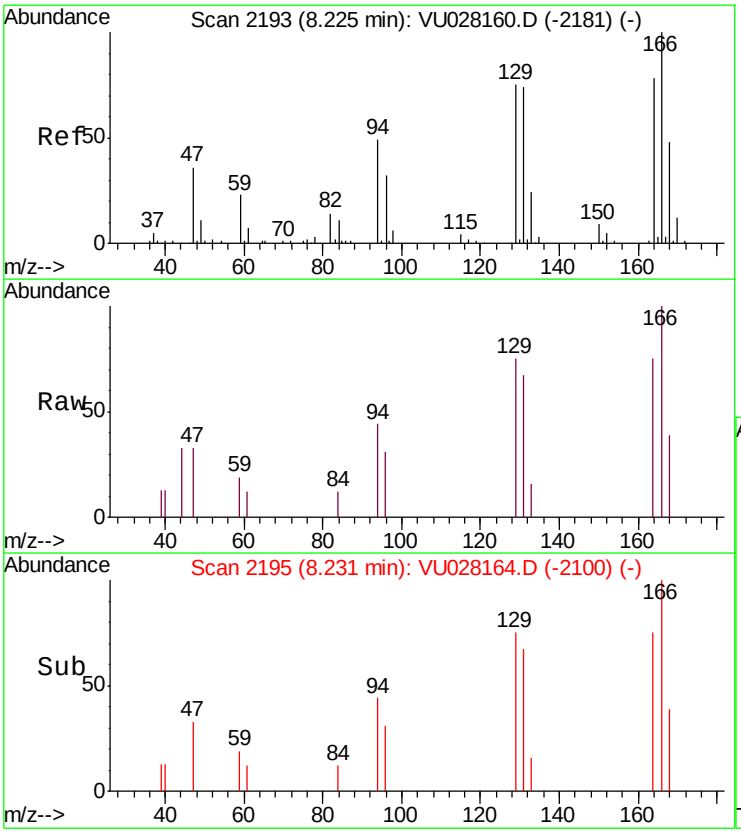
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument : MSVOA_U
ClientSampleId : H0FG5DL

Tgt Ion: 75 Resp: 1298

Ion	Ratio	Lower	Upper
75	100		
77	66.9	20.9	38.9#

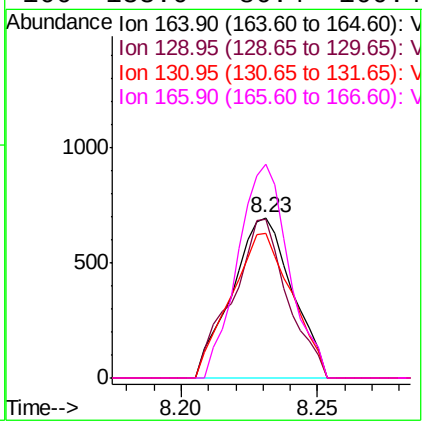


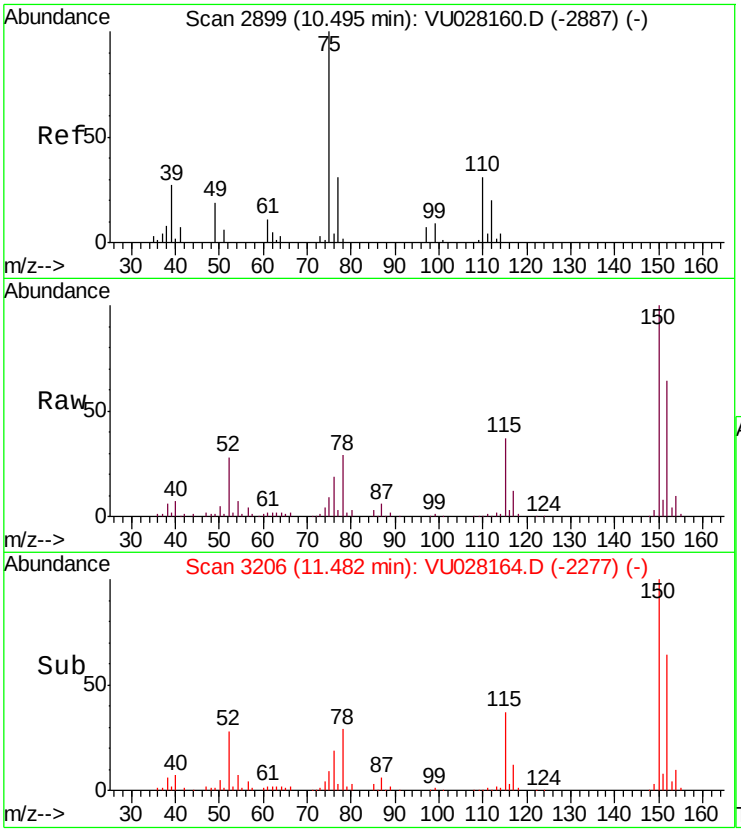


#47
Tetrachloroethene
Concen: 0.126 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Tgt Ion:164 Resp: 1063

Ion	Ratio	Lower	Upper
164	100		
129	99.1	69.7	129.4
131	89.8	64.0	118.8
166	133.0	86.4	160.4





#59
1,2,3-Trichloropropane
Concen: 1.200 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028164.D
Acq: 15 Nov 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :
H0FG5DL

Tgt Ion: 75 Resp: 7795

Ion	Ratio	Lower	Upper
75	100		
77	39.2	25.4	38.0#