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

Quantitation Report (Not Reviewed)

Data File : VU028167.D
Acq On : 15 Nov 2018 12:32
Operator : MD/SY
Sample : J5943-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH3DL

Quant Time: Nov 16 00:48:14 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	135589	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56361	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	44368	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.68	69	37711	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.28	63	63738	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.19	46	160691	49.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.48%			
24) Chloroform-d	4.65	84	81355	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.31	65	47175	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.34	84	166176	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.33	67	60837	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.57	98	141299	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	18260	3.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.40%			
46) 2-Hexanone-d5	8.31	63	122347	46.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42305	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	48135	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			

Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	108999	7.505	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	554	0.062	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	835	0.093	ug/L #	1
13) Acetone	2.32	43	2068	0.941	ug/L	78
16) Methylene chloride	2.70	84	4321	0.406	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	33006	3.444	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	83836	7.933	ug/L	97
25) Chloroform	4.68	83	24717	1.367	ug/L	95
27) 1,2-Dichloroethane	5.34	62	1031	0.087	ug/L #	76
34) Trichloroethene	6.19	95	3397	0.321	ug/L	93
35) Methylcyclohexane	6.33	83	12301	0.676	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6321	0.534	ug/L #	92
38) Bromodichloromethane	6.76	83	2948	0.234	ug/L #	91
48) 2-Hexanone	8.37	43	2140	0.369	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	8816	1.325	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : VU028167.D
Acq On : 15 Nov 2018 12:32
Operator : MD/SY
Sample : J5943-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH3DL

Quant Time: Nov 16 00:48:14 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 : VU028167.D
Acq On : 15 Nov 2018 12:32
Operator : MD/SY
Sample : J5943-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
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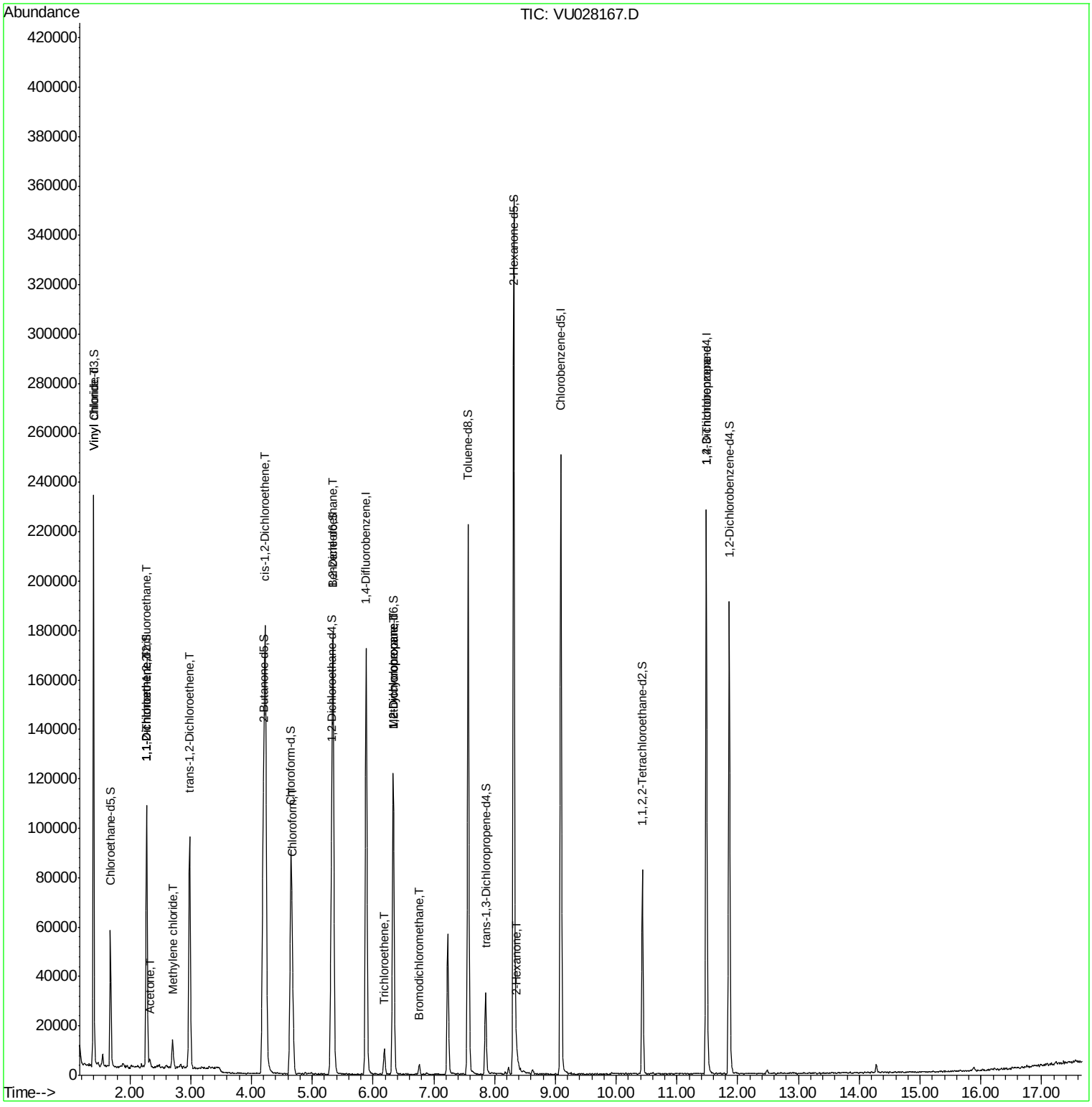
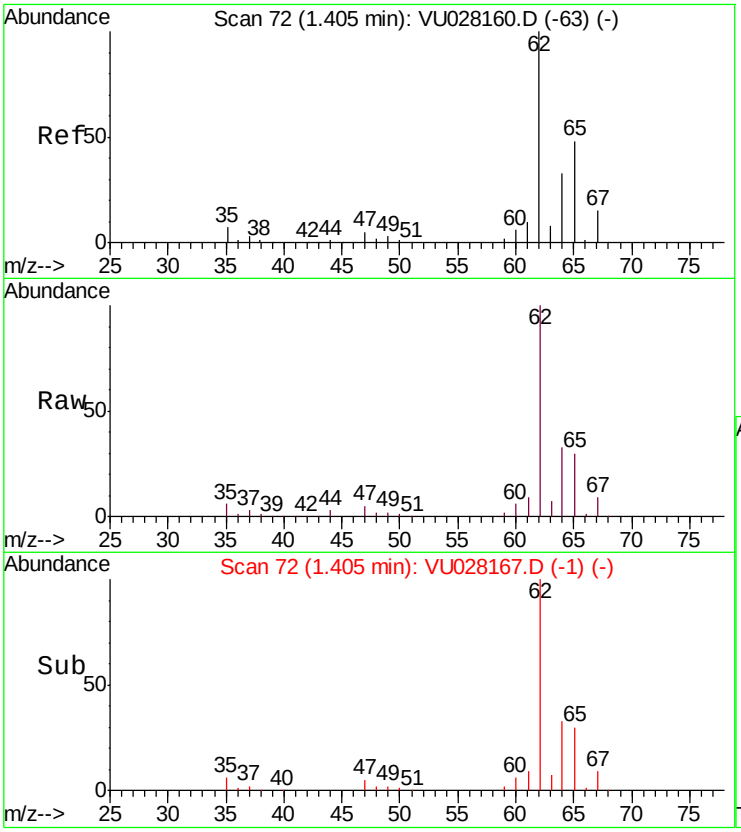
Quant Time: Nov 16 00:48:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration



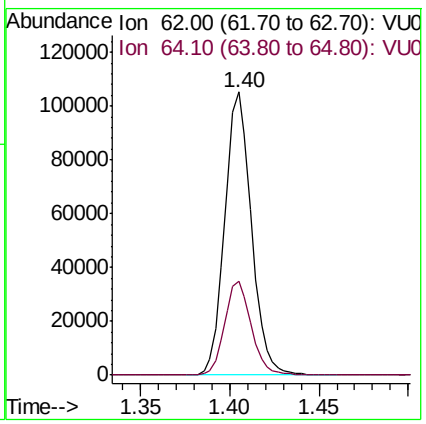


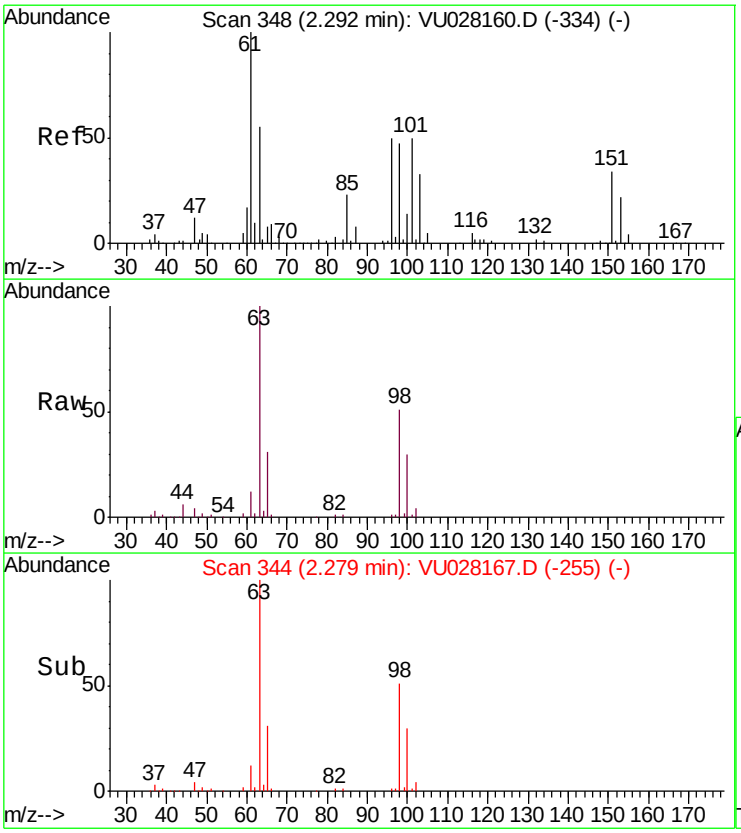
#5
Vinyl chloride
Concen: 7.505 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
H0FH3DL

Tgt Ion: 62 Resp: 108999

Ion	Ratio	Lower	Upper
62	100		
64	33.4	22.7	42.3

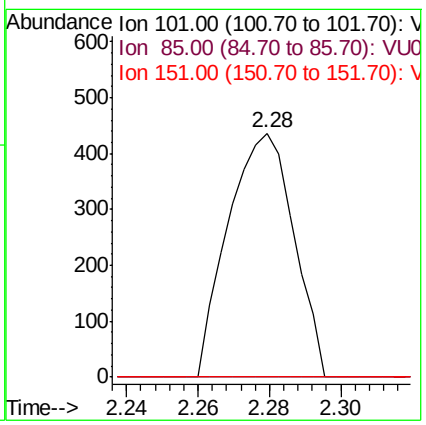


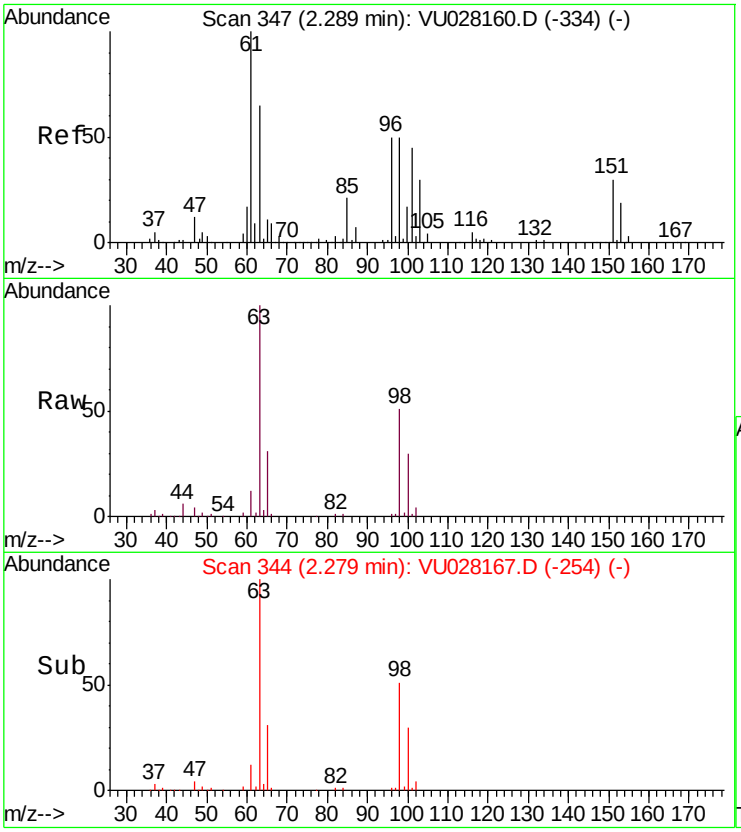


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion:101 Resp: 554

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



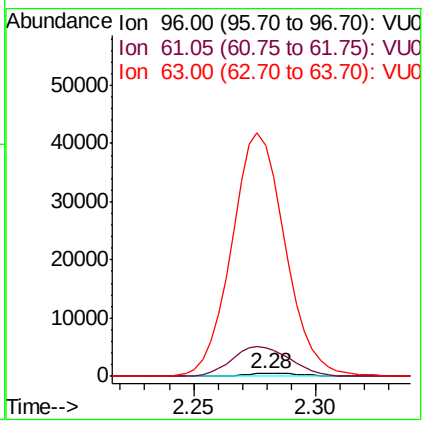


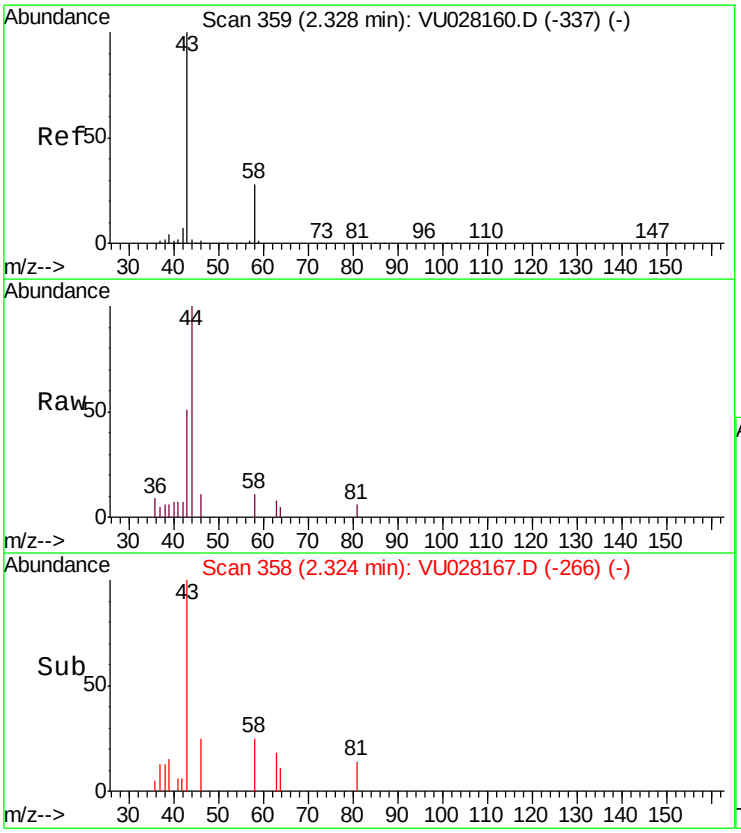
#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument : MSVOA_U
ClientSampleId : H0FH3DL

Tgt Ion: 96 Resp: 835

Ion	Ratio	Lower	Upper
96	100		
61	1012.9	134.8	250.3#
63	8388.2	100.1	185.9#

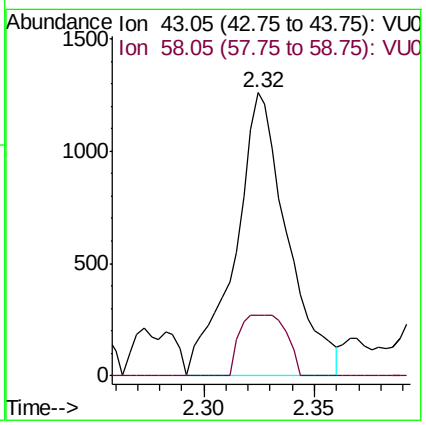


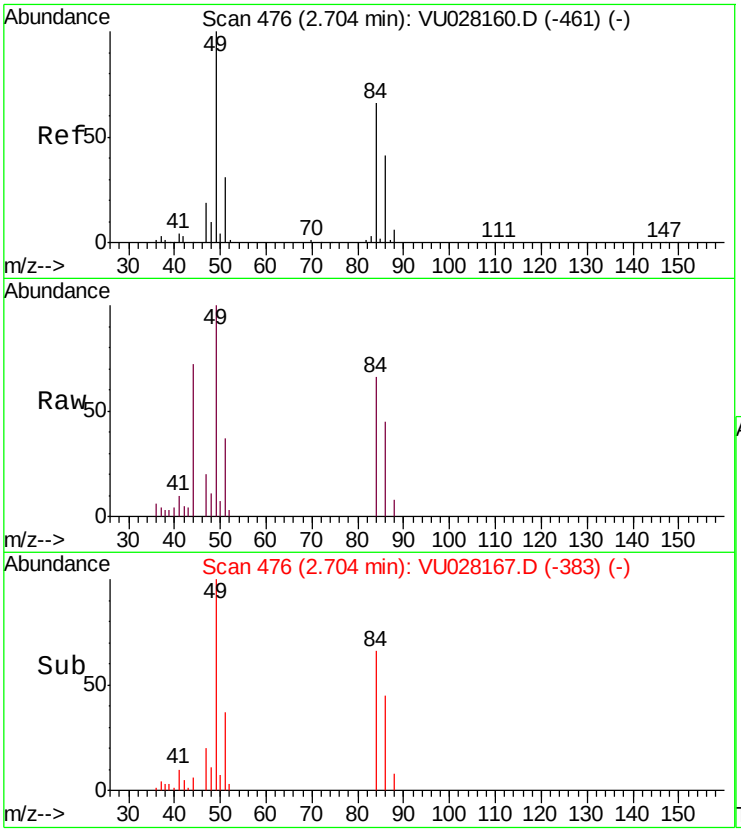


#13
Acetone
Concen: 0.941 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
58	19.0	0.0	61.6



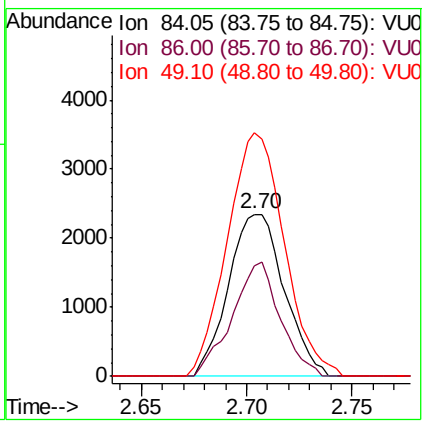


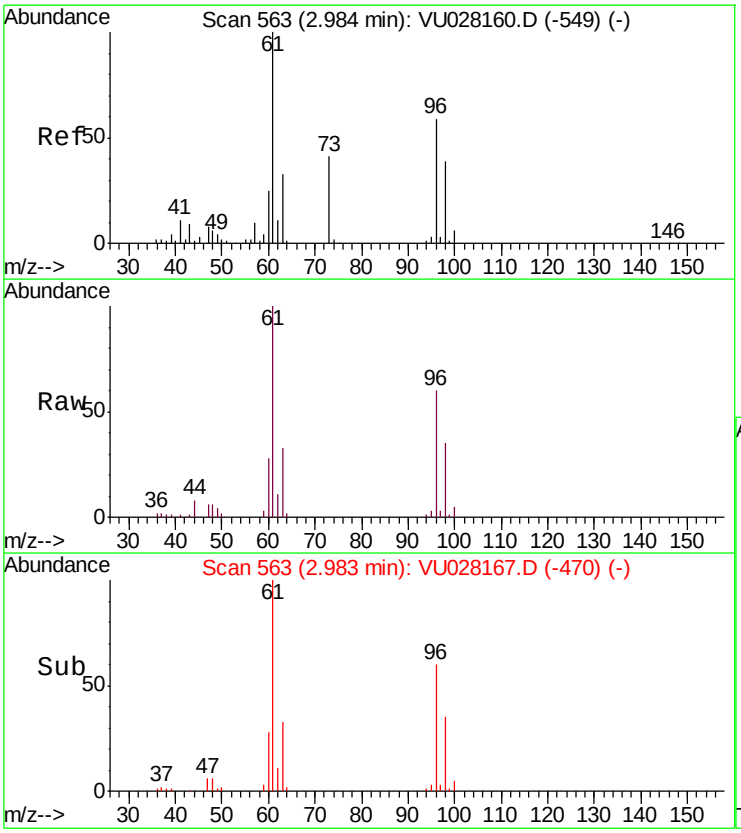
#16
Methylene chloride
Concen: 0.406 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
H0FH3DL

Tgt Ion: 84 Resp: 4321

Ion	Ratio	Lower	Upper
84	100		
86	68.0	44.6	82.8
49	150.5	102.5	190.3

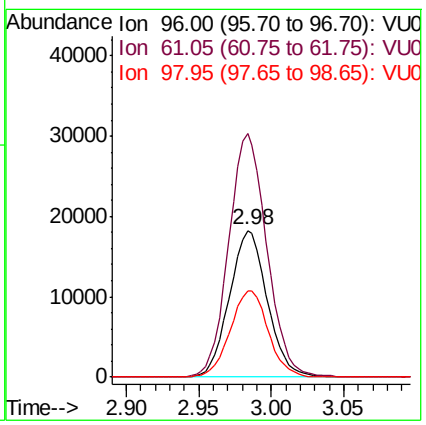


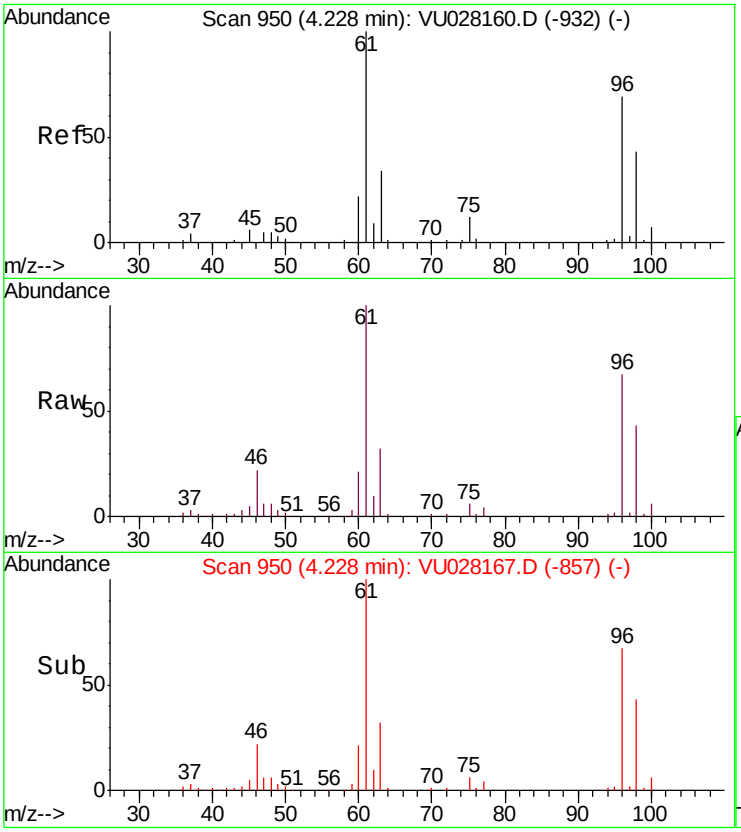


#18
trans-1,2-Dichloroethene
Concen: 3.444 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 96 Resp: 33006

Ion	Ratio	Lower	Upper
96	100		
61	165.9	118.5	220.1
98	58.3	44.9	83.5



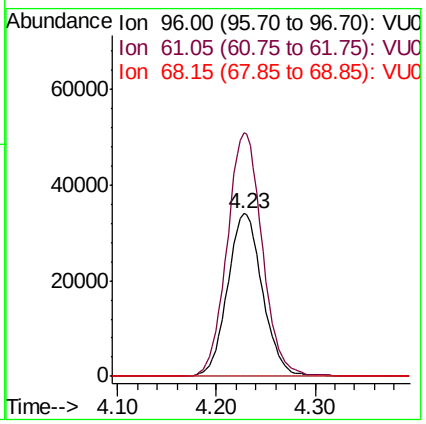


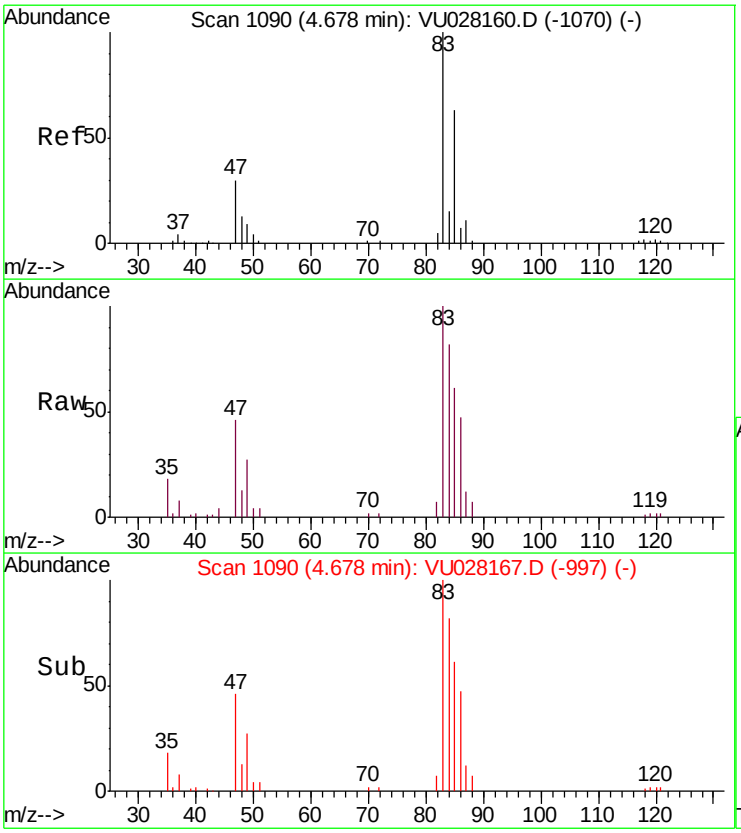
#22
cis-1,2-Dichloroethene
Concen: 7.933 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
H0FH3DL

Tgt Ion: 96 Resp: 83836

Ion	Ratio	Lower	Upper
96	100		
61	149.6	101.8	189.0
68	0.0	0.0	0.0

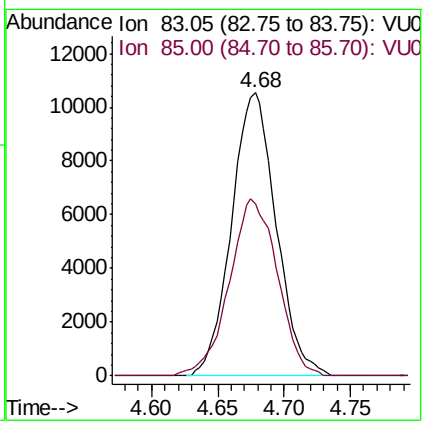


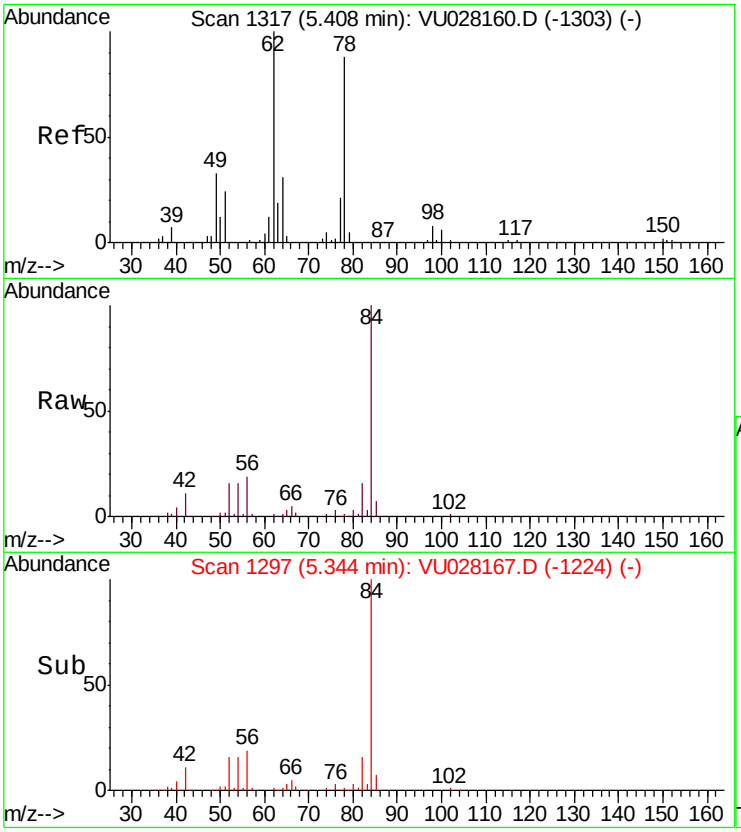


#25
Chloroform
Concen: 1.367 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 83 Resp: 24717

Ion	Ratio	Lower	Upper
83	100		
85	60.5	45.0	83.6



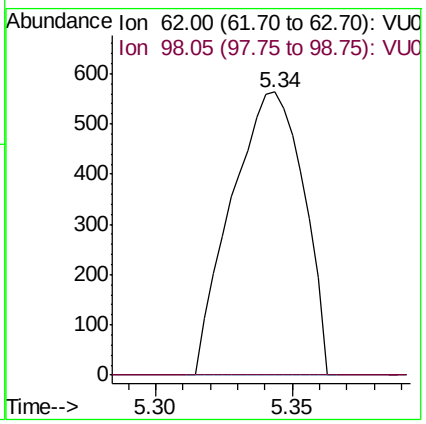


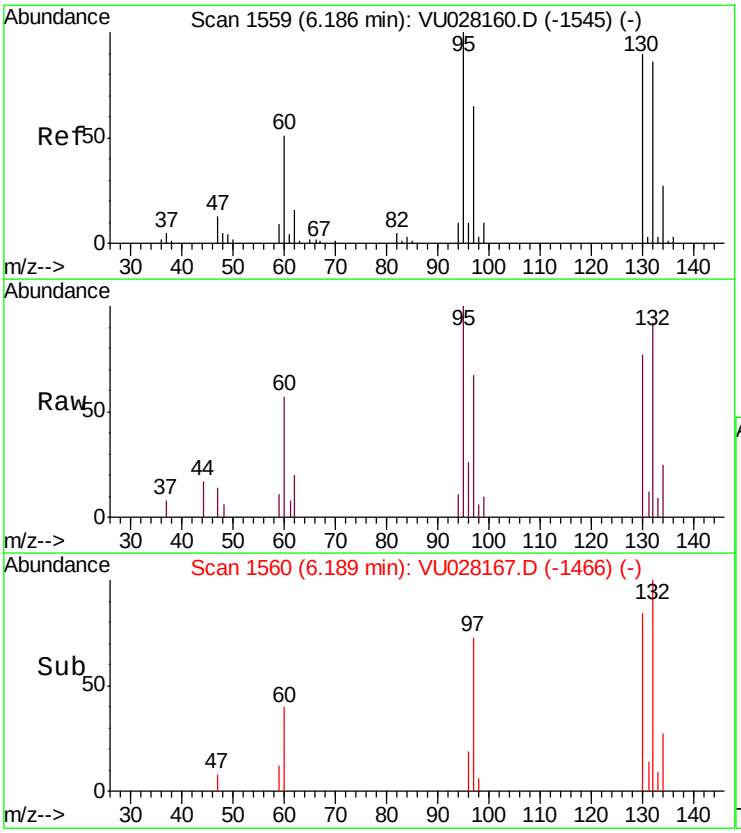
#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.06 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument : MSVOA_U
ClientSampleId : H0FH3DL

Tgt Ion: 62 Resp: 1031

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

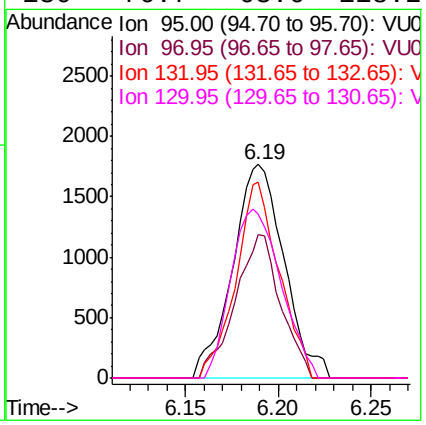


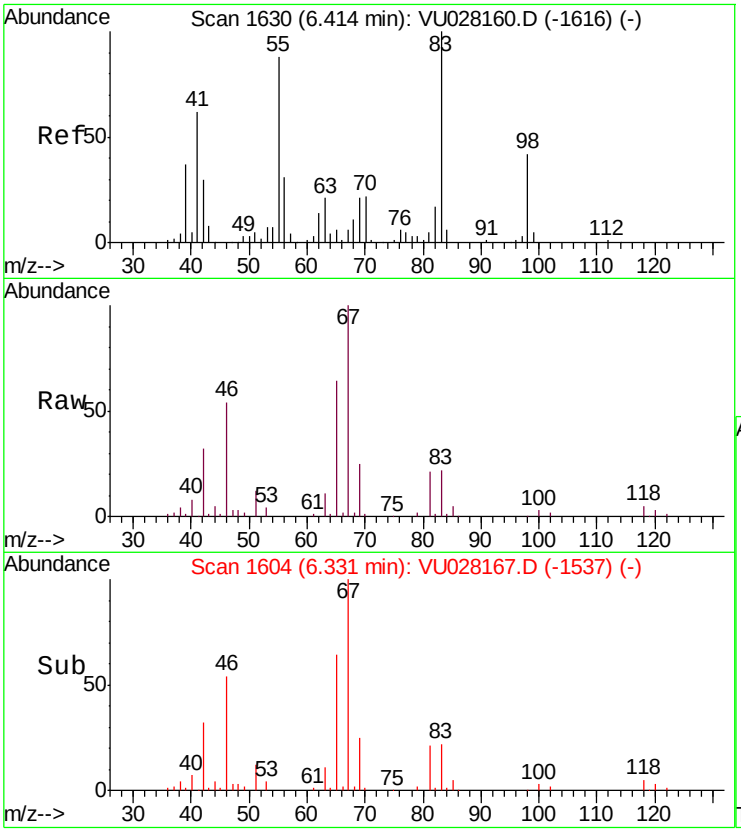


#34
Trichloroethene
Concen: 0.321 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 95 Resp: 3397

Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.3	84.1
132	91.5	63.0	117.0
130	76.7	63.6	118.2



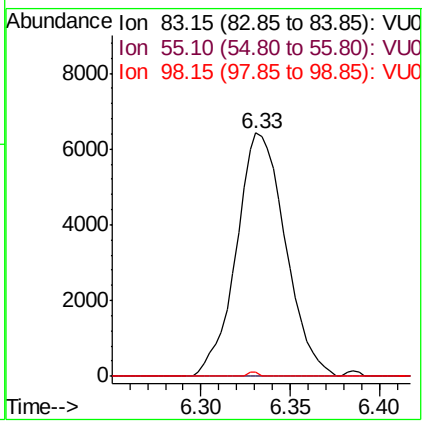


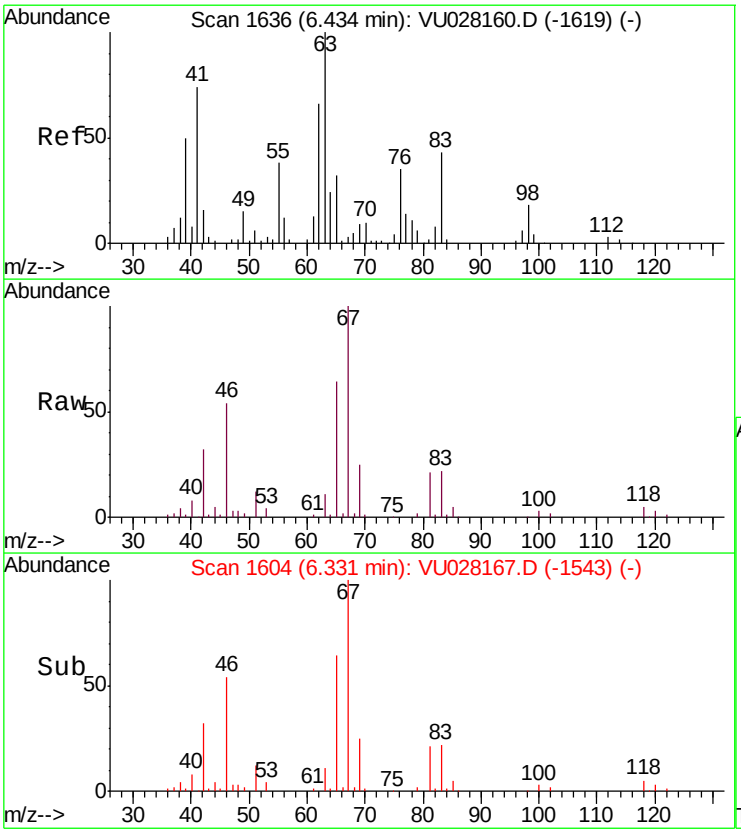
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument : MSVOA_U
ClientSampleId : H0FH3DL

Tgt Ion: 83 Resp: 12301

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.3	33.3	49.9#

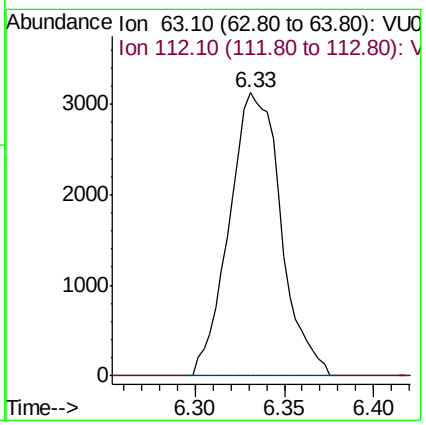


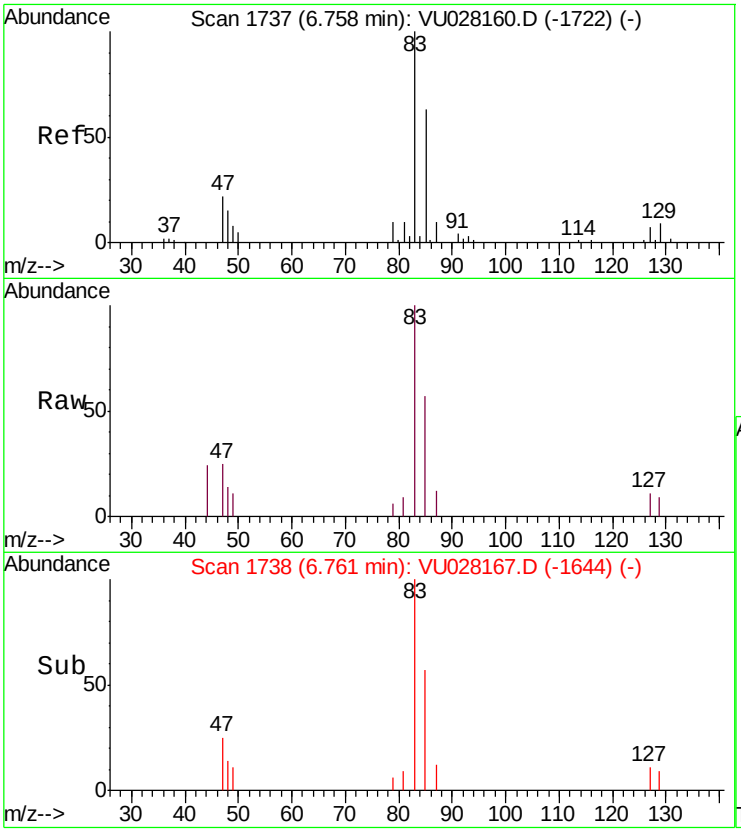


#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 63 Resp: 6321

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



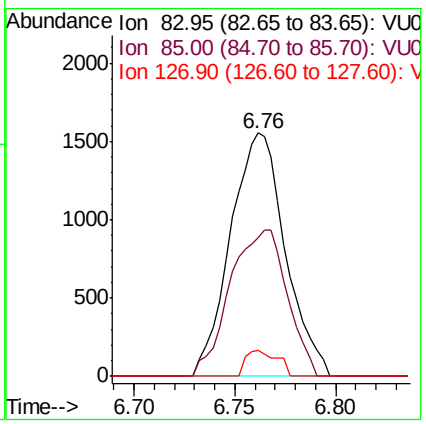


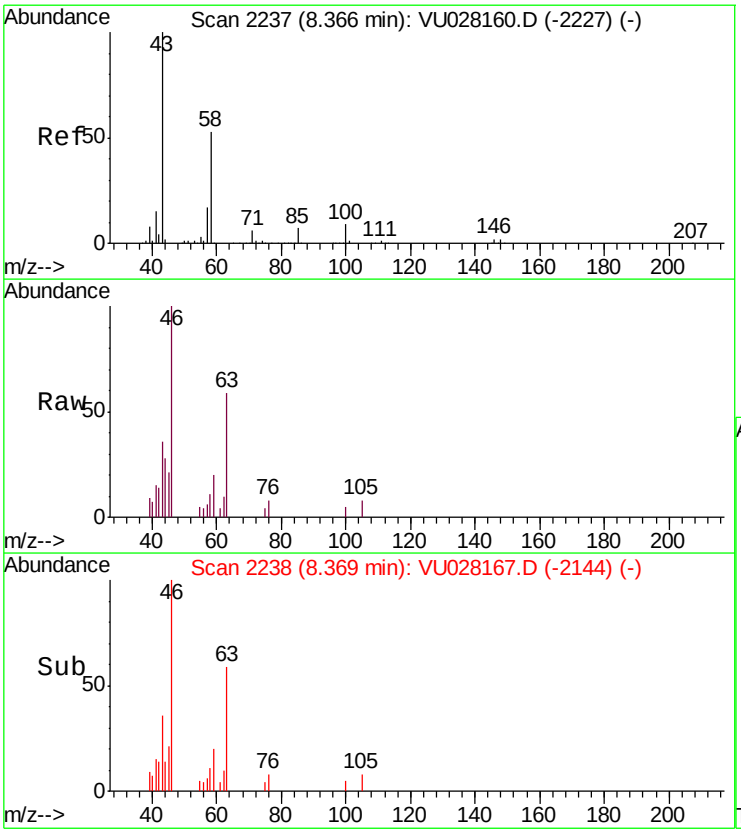
#38
Bromodichloromethane
Concen: 0.234 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
H0FH3DL

Tgt Ion: 83 Resp: 2948

Ion	Ratio	Lower	Upper
83	100		
85	56.7	44.5	82.7
127	10.7	6.8	10.2#

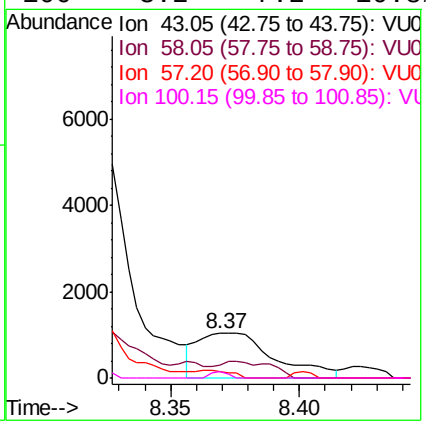


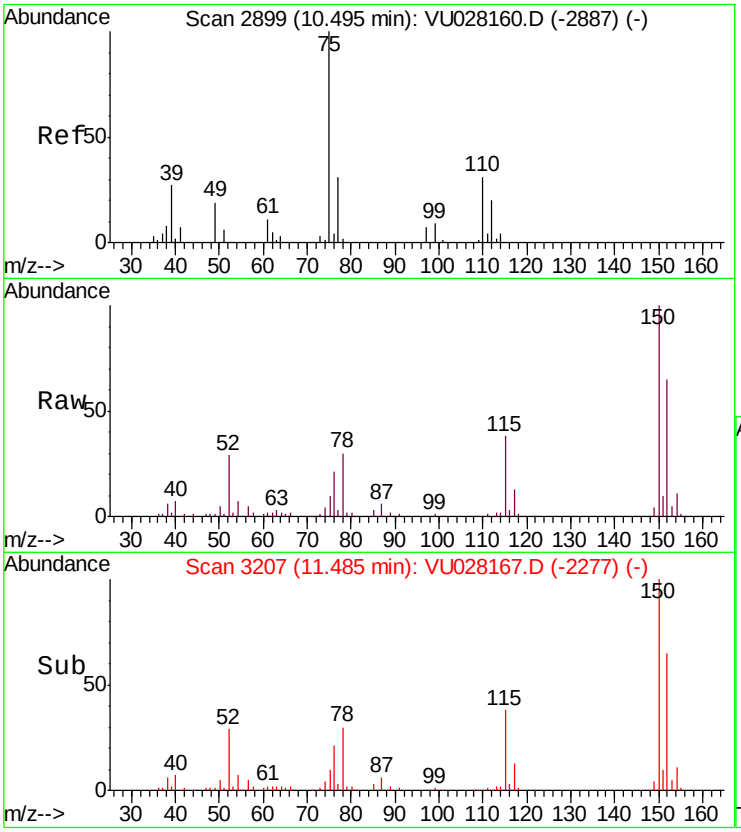


#48
2-Hexanone
Concen: 0.369 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Tgt Ion: 43 Resp: 2140

Ion	Ratio	Lower	Upper
43	100		
58	24.9	41.7	62.5#
57	9.7	14.0	21.0#
100	3.2	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 1.325 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028167.D
Acq: 15 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
H0FH3DL

Tgt Ion: 75 Resp: 8816

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.4	38.0