Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025450.D
Acq On : 17 Jul 2018 01:51
Operator : MD/SY
Sample : J3984-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB1A5

Quant Time: Jul 17 03:58:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129478	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	73882	43.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.78%			
7) Chloroethane-d5	1.68	69	62218	44.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.27	63	121323	32.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.94%			
21) 2-Butanone-d5	4.18	46	154059	89.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.55%			
24) Chloroform-d	4.65	84	175486	43.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.88%			
26) 1,2-Dichloroethane-d4	5.31	65	122442	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.84%			
32) Benzene-d6	5.34	84	337413	46.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.66%			
36) 1,2-Dichloropropane-d6	6.33	67	110834	47.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.10%			
41) Toluene-d8	7.57	98	313389	43.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.58%			
43) trans-1,3-Dichloropropene-	7.85	79	30740	25.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.44%#			
47) 2-Hexanone-d5	8.31	63	108154	86.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.07%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159420	44.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	124812	46.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.26%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4363	1.472	ug/L	89
5) Vinyl chloride	1.40	62	145337	60.111	ug/L	99
12) 1,1-Dichloroethene	2.28	96	3880	2.088	ug/L #	1
13) Acetone	2.32	43	2816	1.555	ug/L	85
14) Carbon disulfide	2.48	76	10096	1.728	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	187244	90.429	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	743898	306.156	ug/L	99
34) Trichloroethene	6.19	95	255793	113.286	ug/L	99
35) Methylcyclohexane	6.33	83	26386	7.306	ug/L #	20
46) Tetrachloroethene	8.23	164	21648	11.569	ug/L	98
48) 2-Hexanone	8.31	43	13298	4.267	ug/L #	82

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

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ClientSampleId :
DB1A5

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
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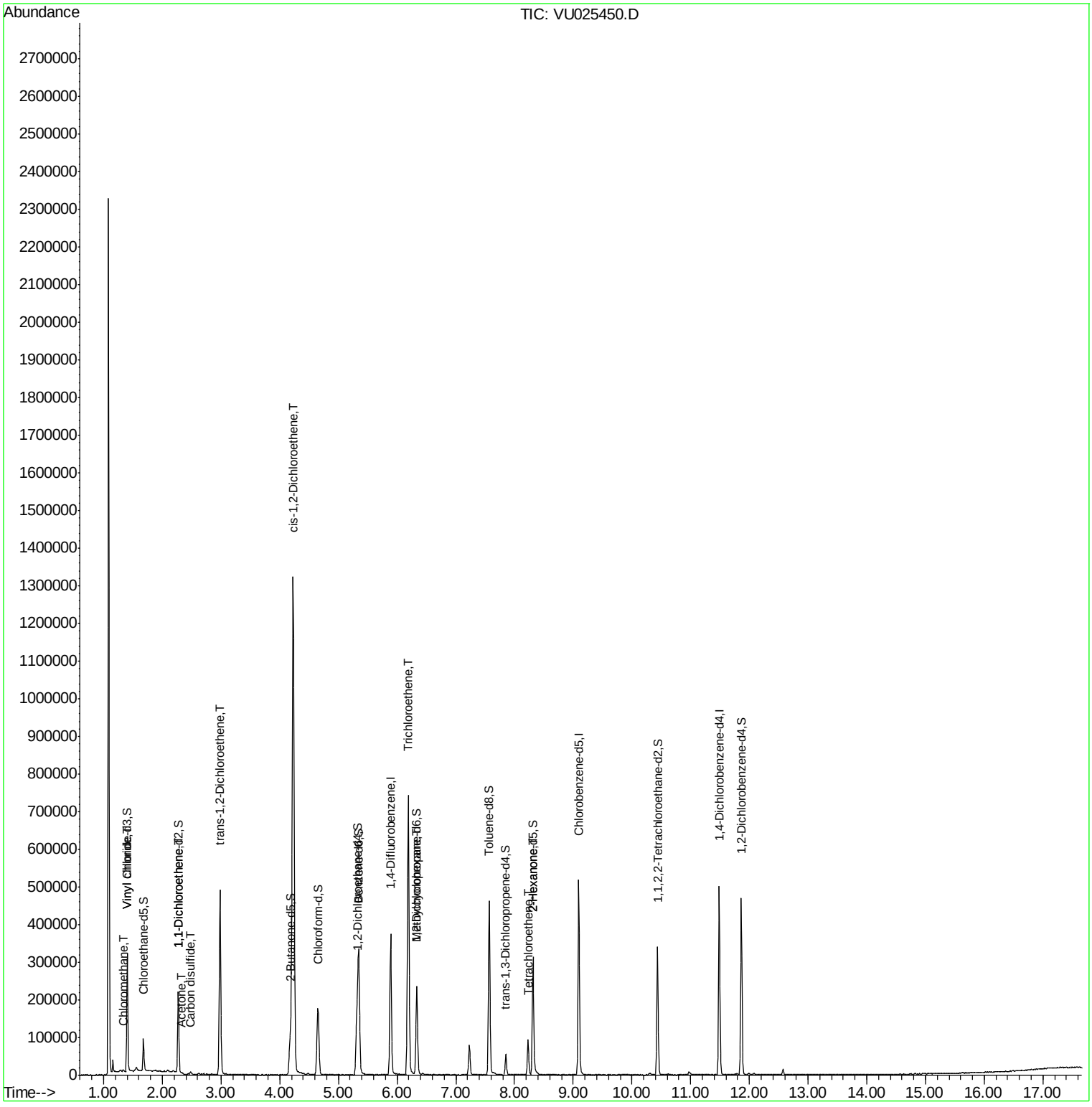
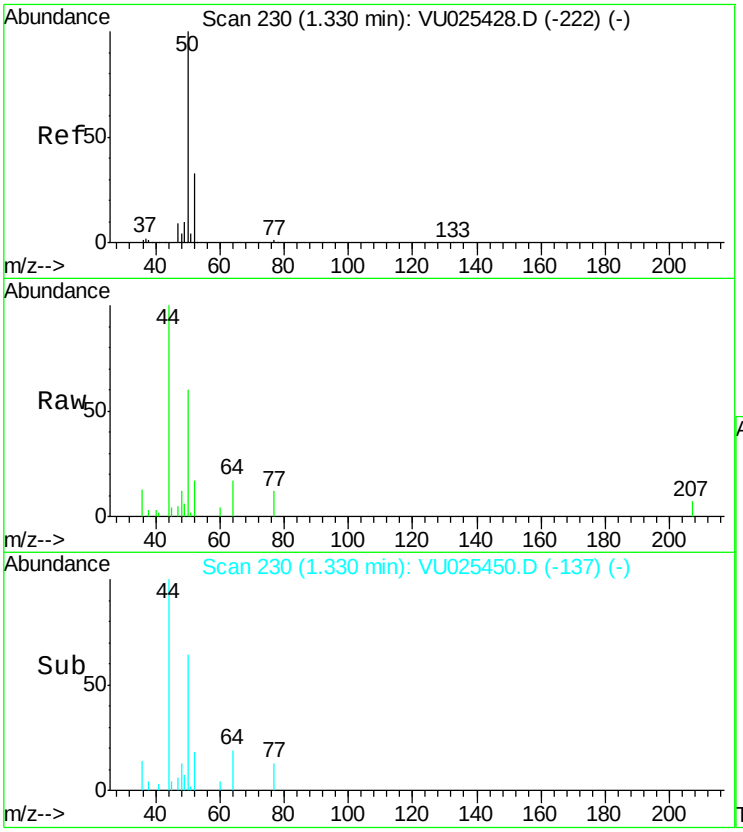


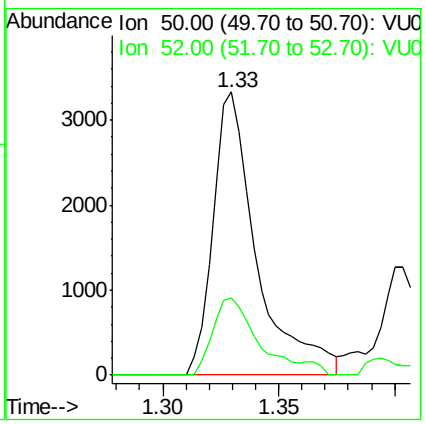


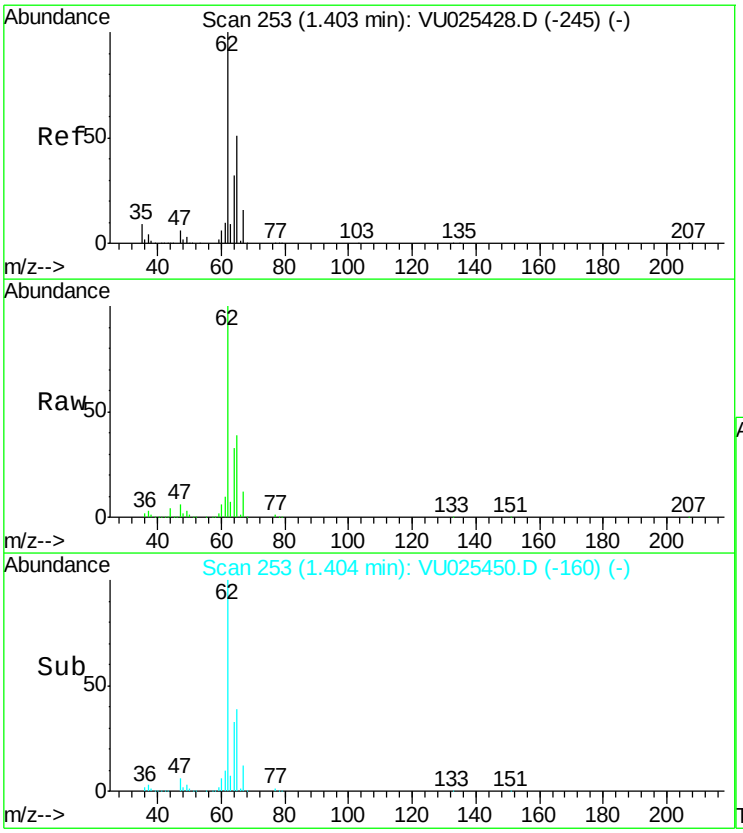
#3
Chloromethane
Concen: 1.472 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :
DB1A5

Tgt Ion: 50 Resp: 4363

Ion	Ratio	Lower	Upper
50	100		
52	27.4	23.5	43.7

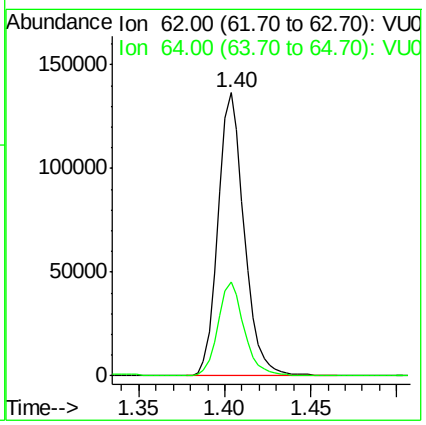


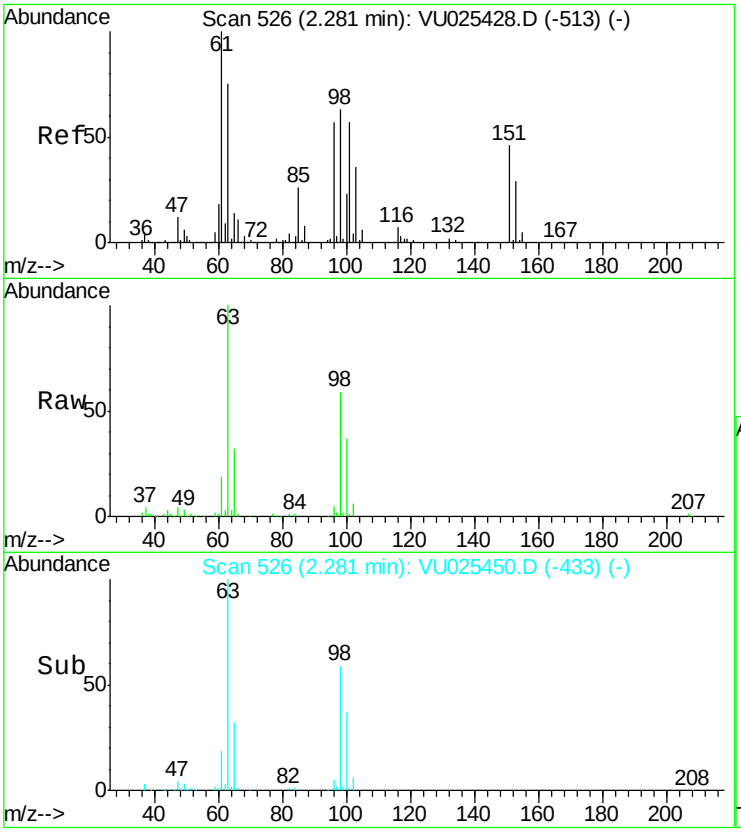


#5
Vinyl chloride
Concen: 60.111 ug/L
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Tgt Ion: 62 Resp: 145337

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.6	42.0



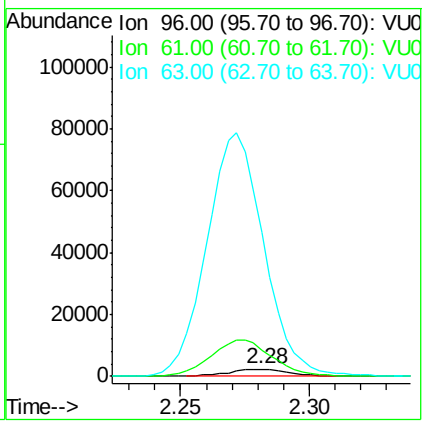


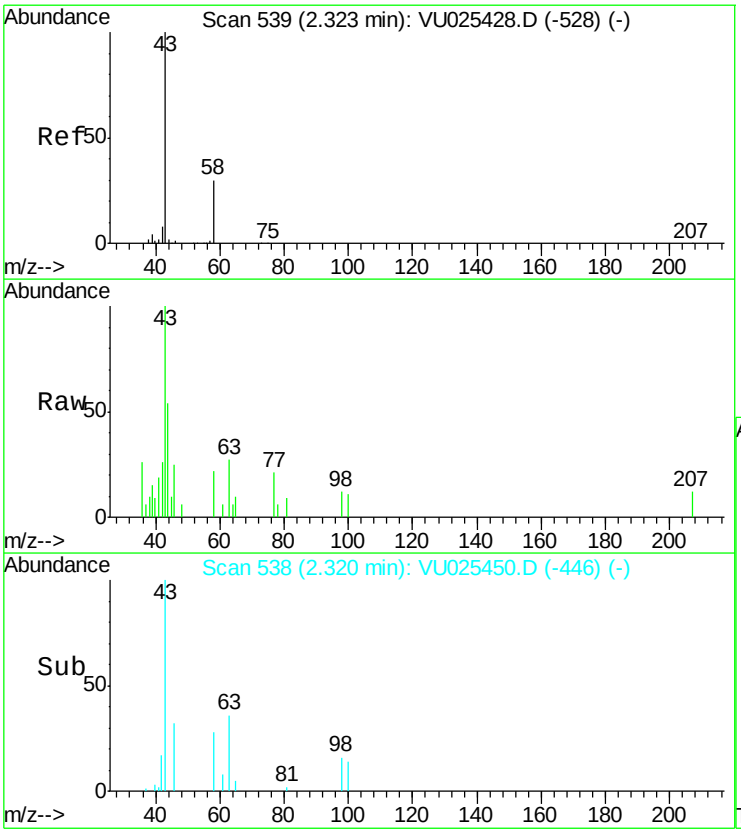
#12
1,1-Dichloroethene
Concen: 2.088 ug/L
RT: 2.28 min Scan# 526
Delta R.T. 0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :
DB1A5

Tgt Ion: 96 Resp: 3880

Ion	Ratio	Lower	Upper
96	100		
61	360.4	125.9	233.9#
63	1938.2	90.4	167.8#

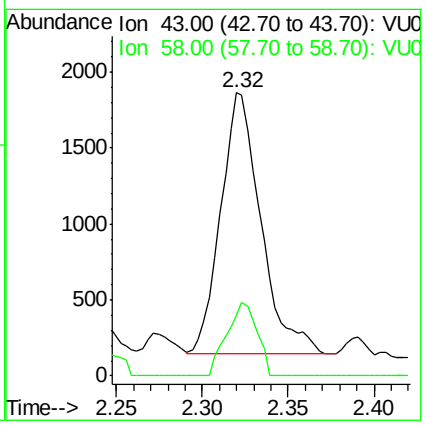


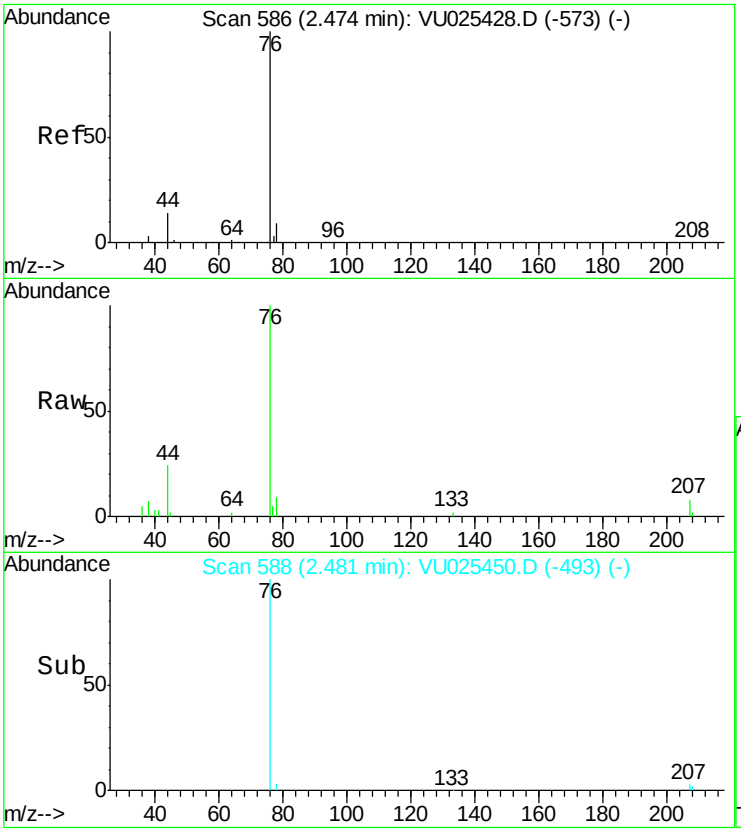


#13
Acetone
Concen: 1.555 ug/L
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Tgt Ion: 43 Resp: 2816

Ion	Ratio	Lower	Upper
43	100		
58	21.0	0.0	58.4



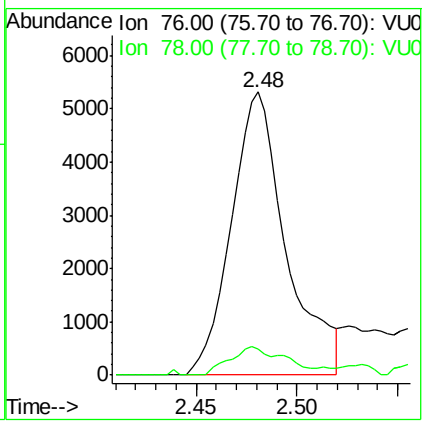


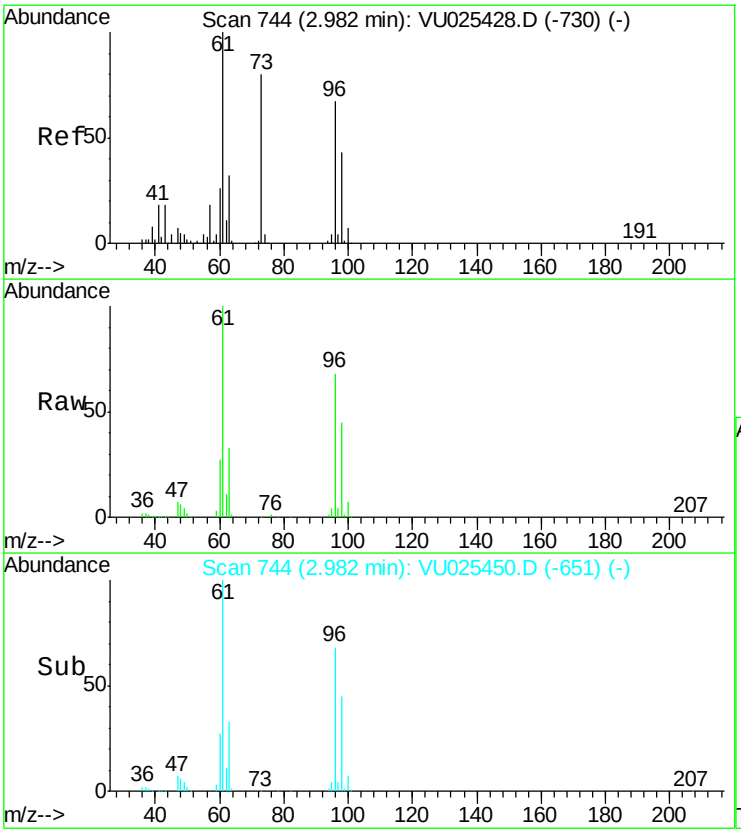
#14
Carbon disulfide
Concen: 1.728 ug/L
RT: 2.48 min Scan# 588
Delta R.T. 0.01 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument : MSVOA_U
ClientSampleId : DB1A5

Tgt Ion: 76 Resp: 10096

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

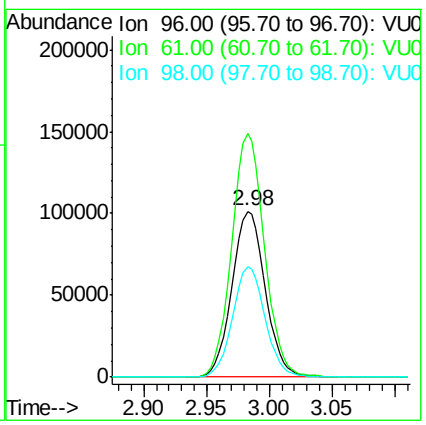


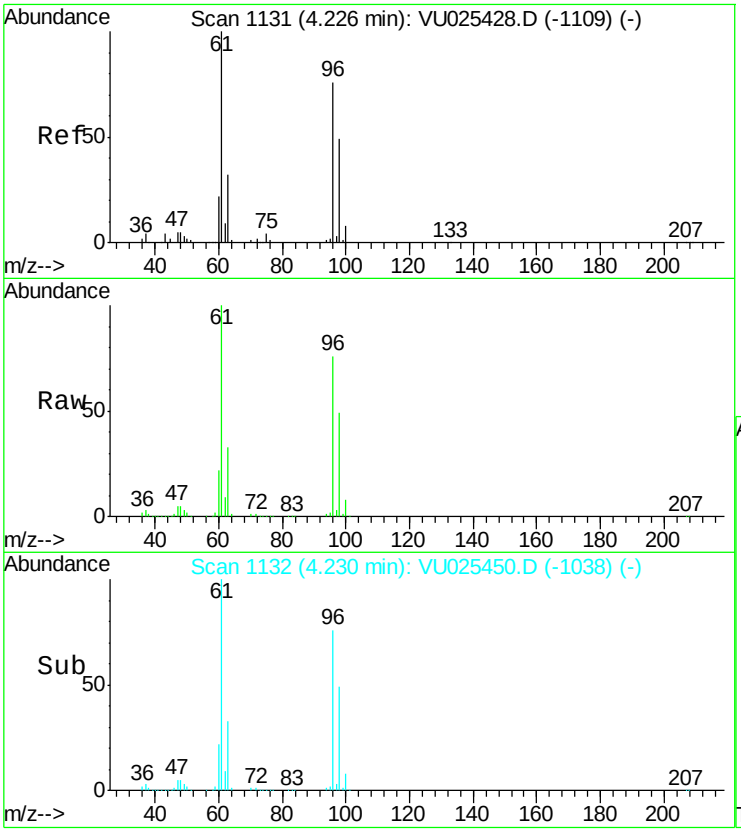


#17
trans-1,2-Dichloroethene
Concen: 90.429 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Tgt Ion: 96 Resp: 187244

Ion	Ratio	Lower	Upper
96	100		
61	146.6	98.2	182.4
98	66.4	44.4	82.5



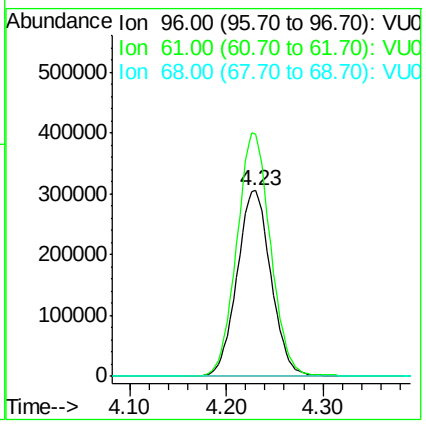


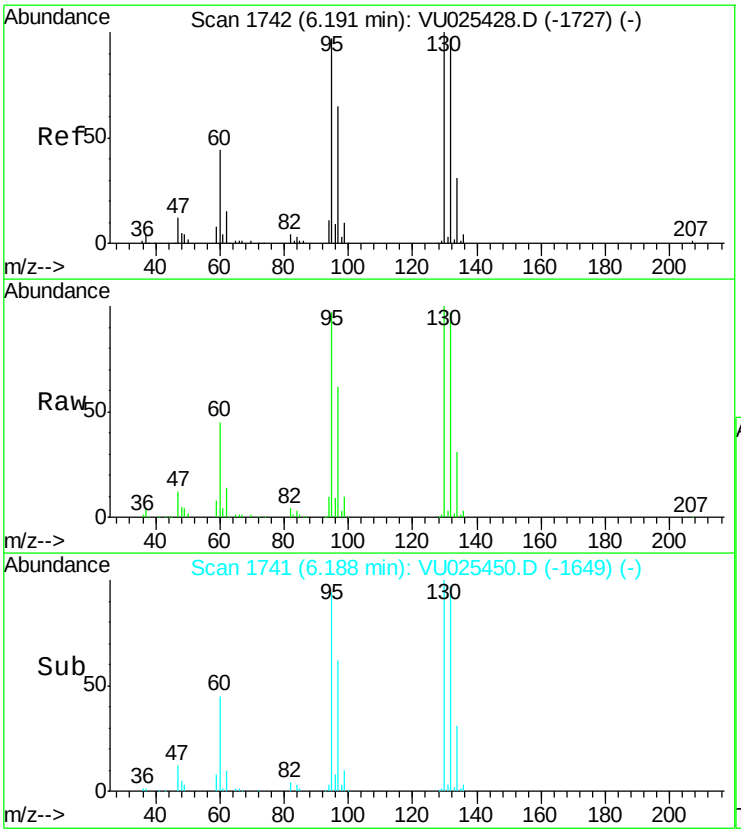
#20
cis-1,2-Dichloroethene
Concen: 306.156 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :
DB1A5

Tgt Ion: 96 Resp: 743898

Ion	Ratio	Lower	Upper
96	100		
61	130.8	92.0	170.9
68	0.0	0.0	0.0

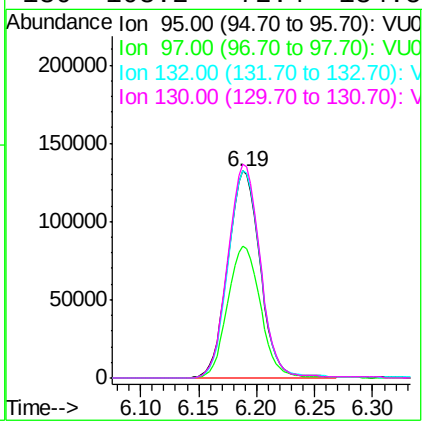


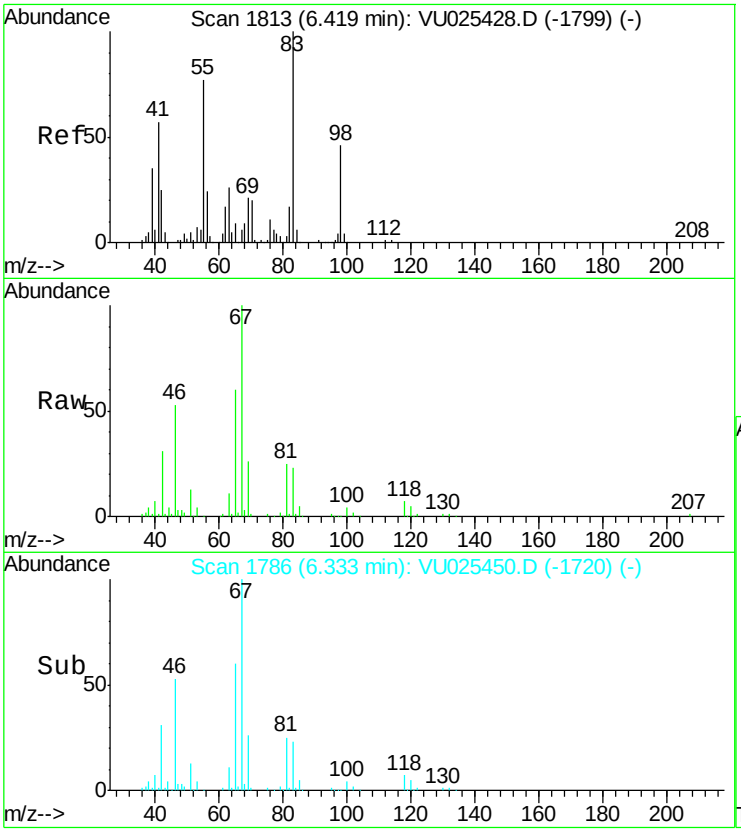


#34
Trichloroethene
Concen: 113.286 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Tgt Ion: 95 Resp: 255793

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.3	82.3
132	100.3	69.6	129.2
130	103.2	72.4	134.5



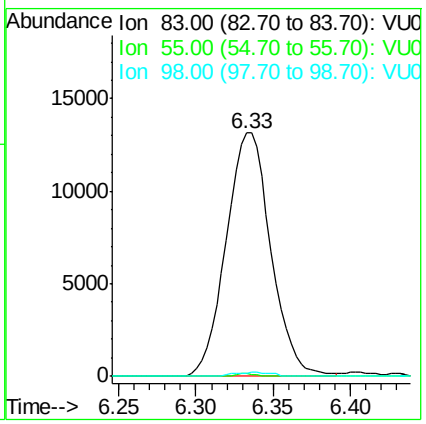


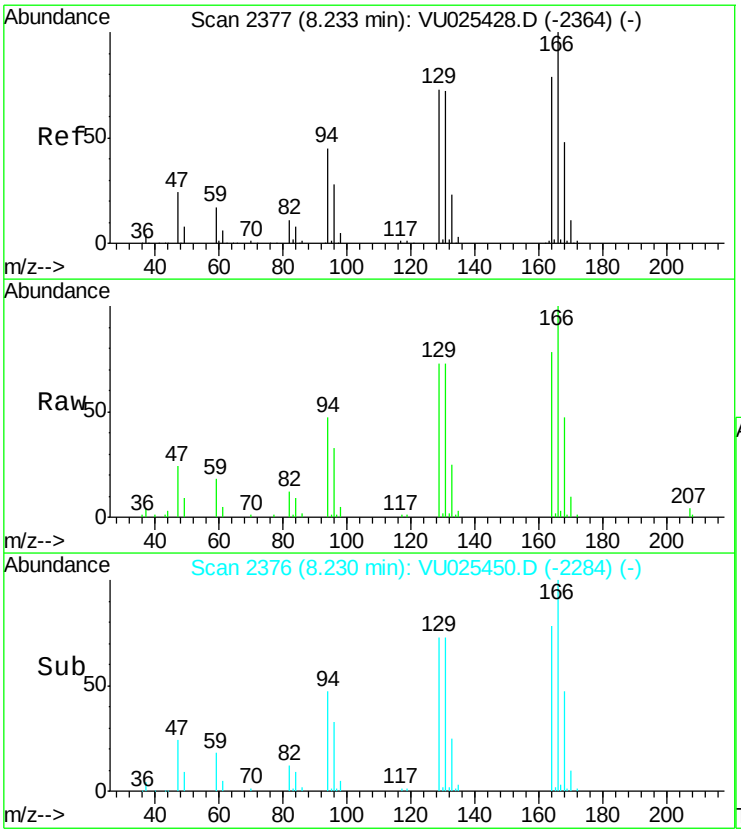
#35
Methylcyclohexane
Concen: 7.306 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument : MSVOA_U
ClientSampleId : DB1A5

Tgt Ion: 83 Resp: 26386

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.6	90.8#
98	1.4	37.6	56.4#

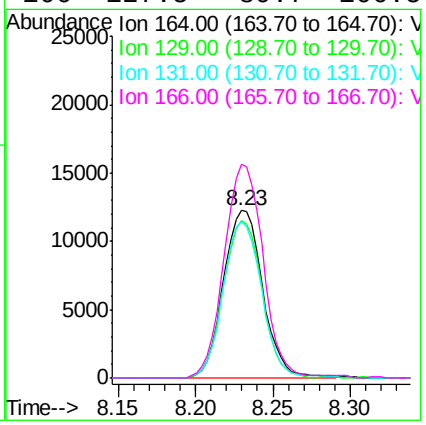


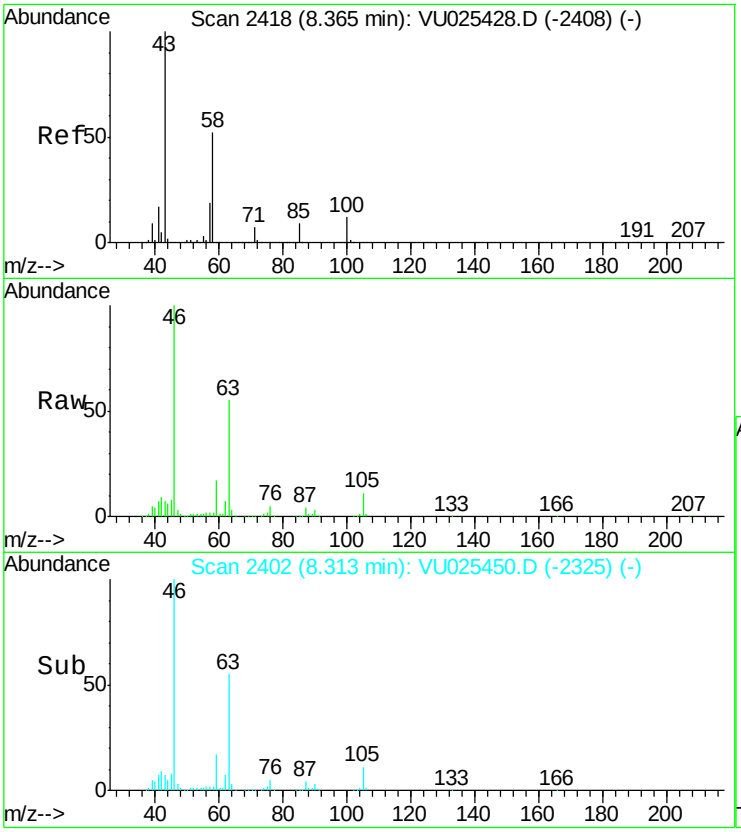


#46
Tetrachloroethene
Concen: 11.569 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Tgt Ion:164 Resp: 21648

Ion	Ratio	Lower	Upper
164	100		
129	93.7	64.7	120.1
131	93.3	63.1	117.3
166	127.5	89.7	166.5





#48
2-Hexanone
Concen: 4.267 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025450.D
Acq: 17 Jul 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :
DB1A5

Tgt Ion: 43 Resp: 13298

Ion	Ratio	Lower	Upper
43	100		
58	40.4	43.0	64.4#
57	24.4	15.8	23.6#
100	0.0	9.4	14.0#