Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025488.D
Acq On : 18 Jul 2018 11:14
Operator : MD/SY
Sample : J4024-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 01:08:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141828	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	71941	45.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.46%			
7) Chloroethane-d5	1.68	69	65810	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.14%			
11) 1,1-Dichloroethene-d2	2.27	63	117130	33.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.08%			
21) 2-Butanone-d5	4.18	46	151310	89.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.40%			
24) Chloroform-d	4.65	84	201852	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.84%			
26) 1,2-Dichloroethane-d4	5.31	65	129464	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
32) Benzene-d6	5.35	84	357630	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.54%			
36) 1,2-Dichloropropane-d6	6.34	67	118504	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.60%			
41) Toluene-d8	7.57	98	334663	47.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.30%			
43) trans-1,3-Dichloropropene-	7.85	79	57807	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.46%			
47) 2-Hexanone-d5	8.31	63	107420	85.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	163577	45.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	137639	48.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.86%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4038	2.049	ug/L #	80
16) Methylene chloride	2.71	84	6854	2.867	ug/L	95
17) trans-1,2-Dichloroethene	2.99	96	3390	1.568	ug/L	96
20) cis-1,2-Dichloroethene	4.24	96	3868	1.461	ug/L	80
25) Chloroform	4.68	83	374554	82.403	ug/L	98
31) Carbon tetrachloride	5.14	117	12739	3.591	ug/L	97
34) Trichloroethene	6.19	95	4647	1.955	ug/L	94
53) m,p-Xylene	9.38	106	18809	4.592	ug/L	90
58) 1,1,2,2-Tetrachloroethane	10.46	83	53702	13.284	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	15825	4.805	ug/L #	87

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

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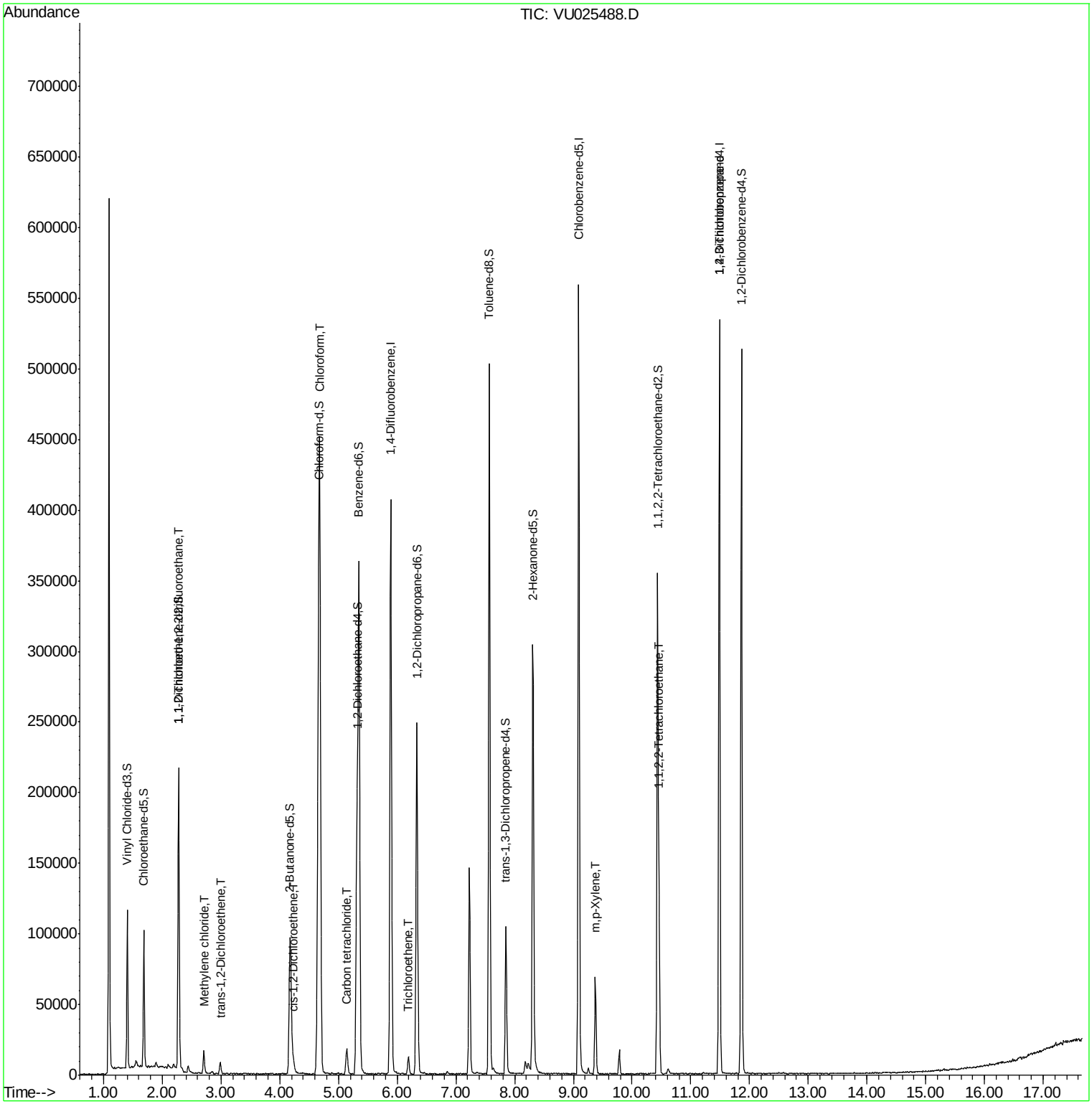
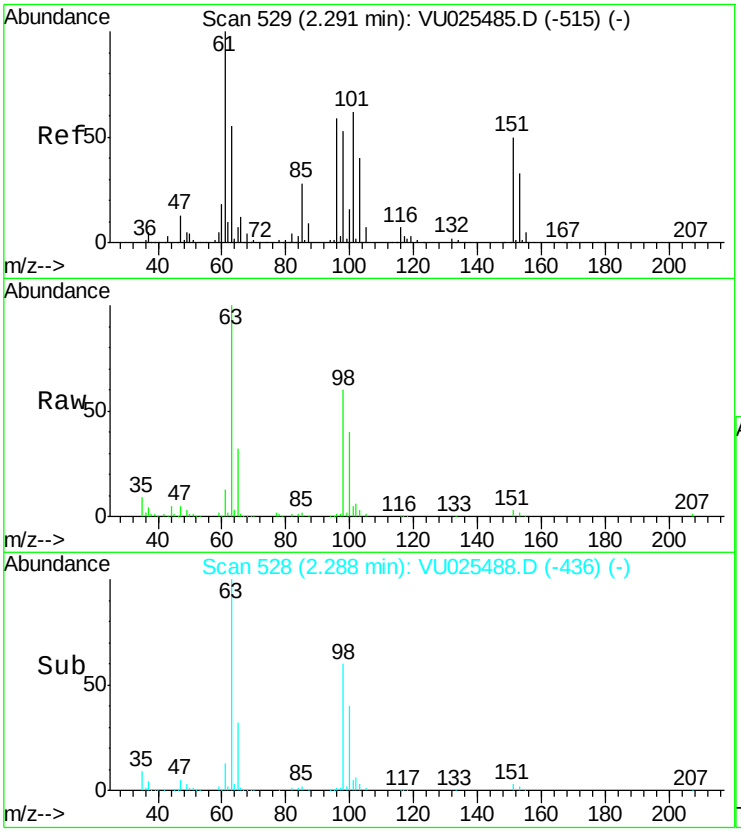
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration

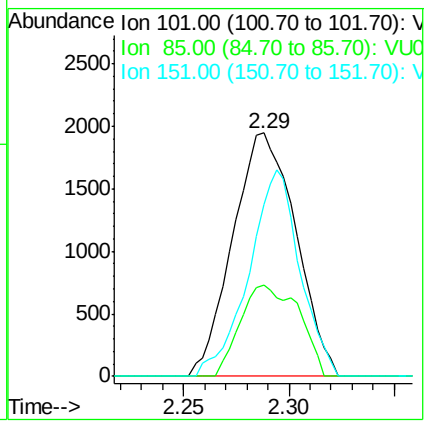


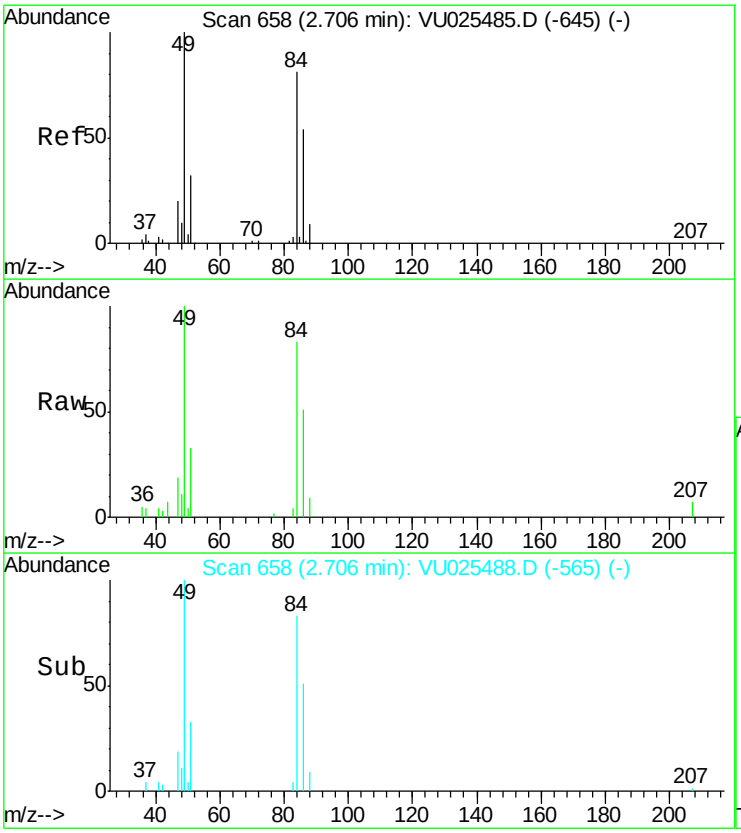


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.049 ug/L
RT: 2.29 min Scan# 528
Delta R.T. -0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion:101 Resp: 4038

Ion	Ratio	Lower	Upper
101	100		
85	24.8	35.4	53.2#
151	68.6	65.0	97.4

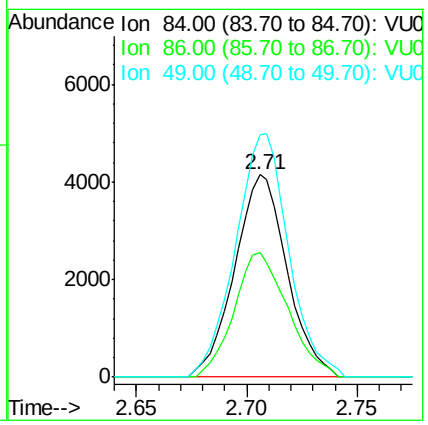


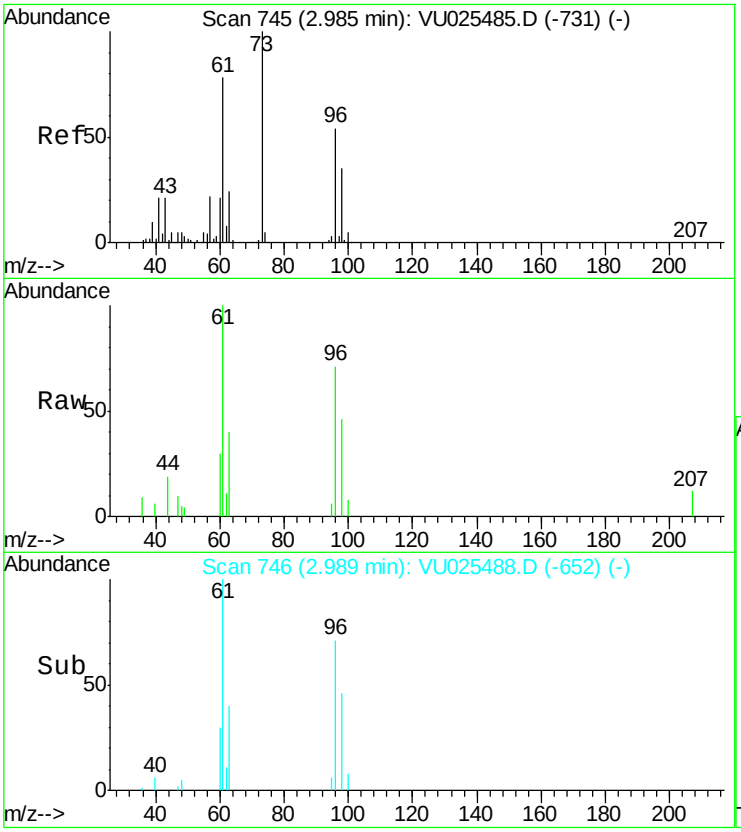


#16
Methylene chloride
Concen: 2.867 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 84 Resp: 6854

Ion	Ratio	Lower	Upper
84	100		
86	61.5	46.3	85.9
49	120.2	87.9	163.3

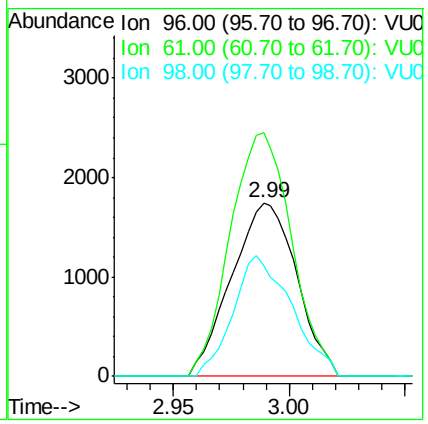


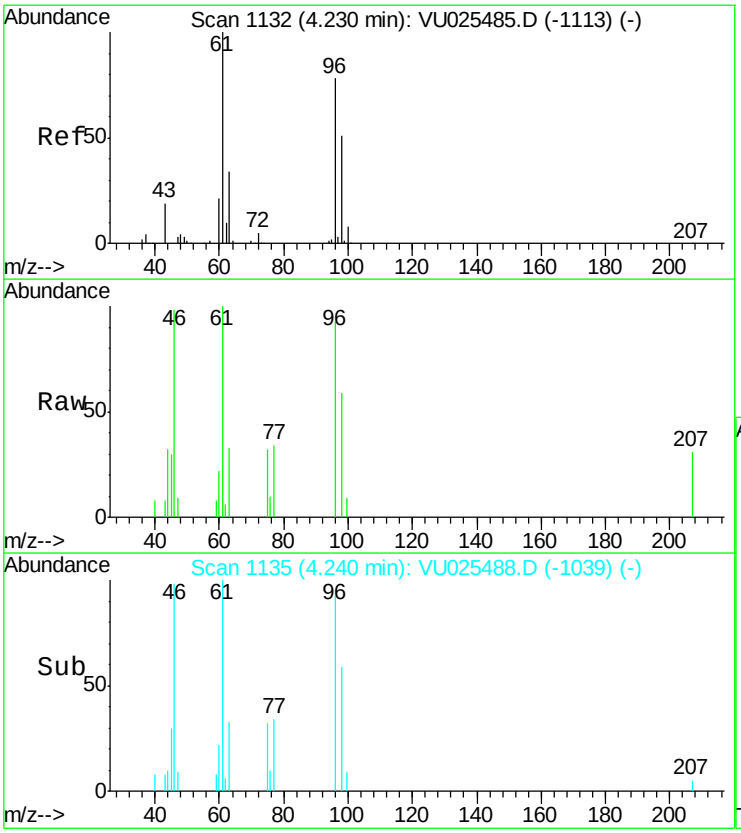


#17
trans-1,2-Dichloroethene
Concen: 1.568 ug/L
RT: 2.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 96 Resp: 3390

Ion	Ratio	Lower	Upper
96	100		
61	140.5	103.6	192.4
98	64.0	44.8	83.2

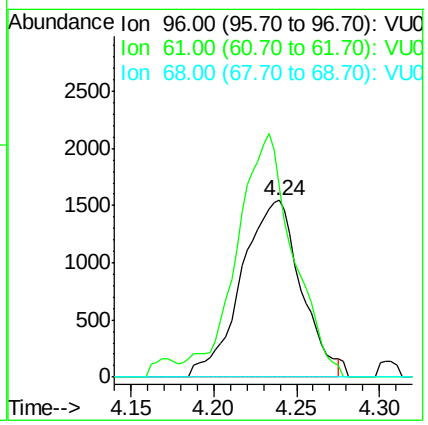


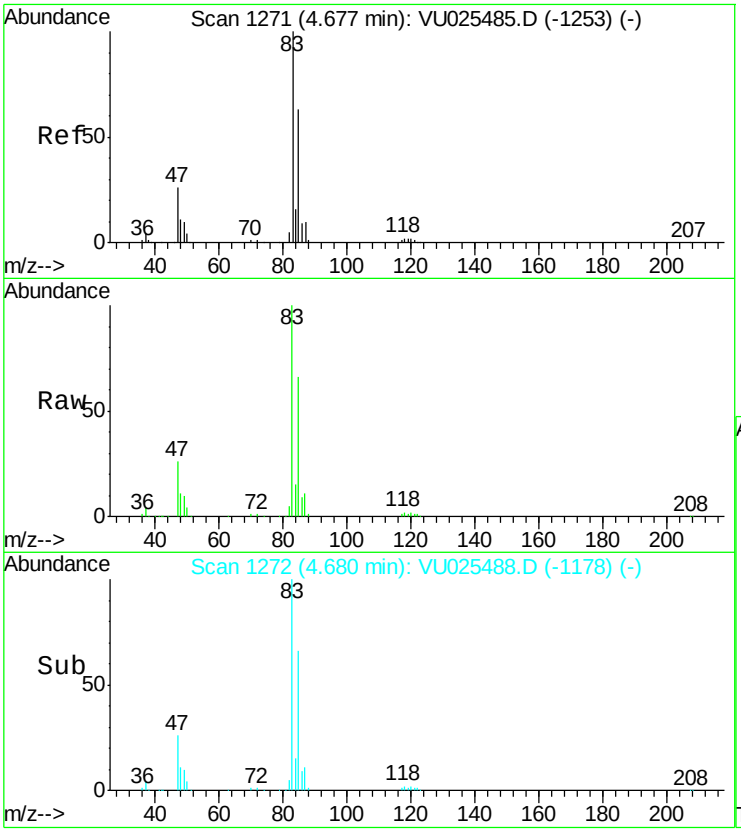


#20
cis-1,2-Dichloroethene
Concen: 1.461 ug/L
RT: 4.24 min Scan# 1135
Delta R.T. 0.01 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 96 Resp: 3868

Ion	Ratio	Lower	Upper
96	100		
61	107.4	91.7	170.3
68	0.0	0.0	0.0

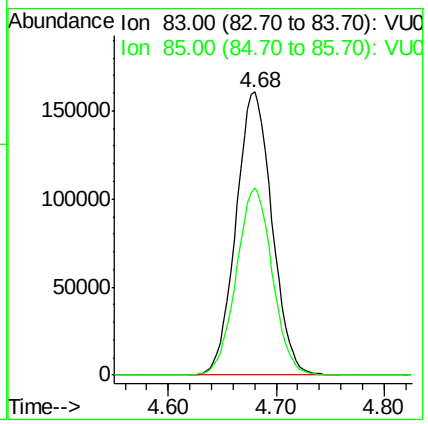


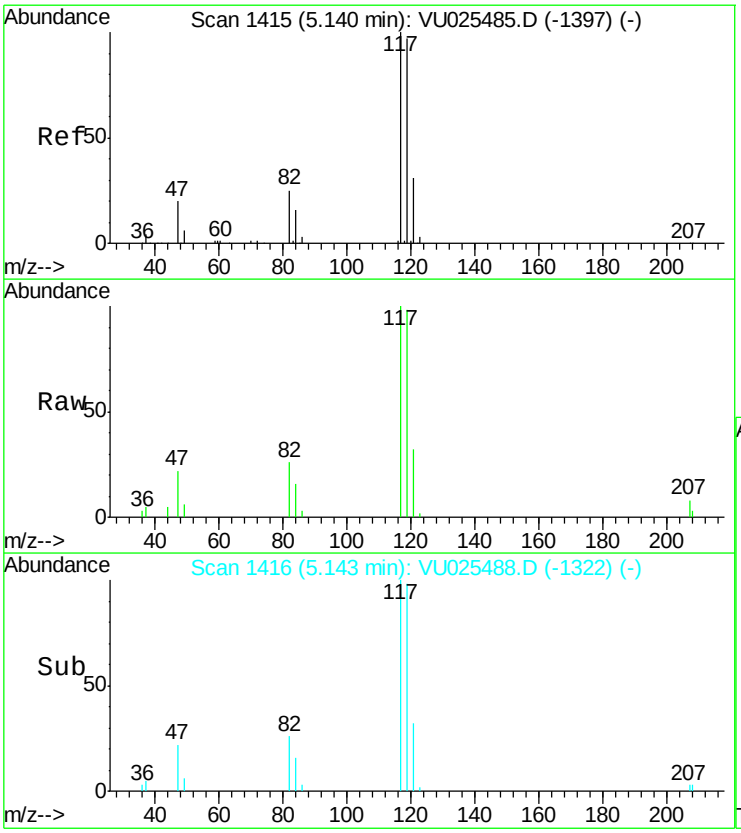


#25
Chloroform
Concen: 82.403 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 83 Resp: 374554

Ion	Ratio	Lower	Upper
83	100		
85	66.0	47.2	87.6

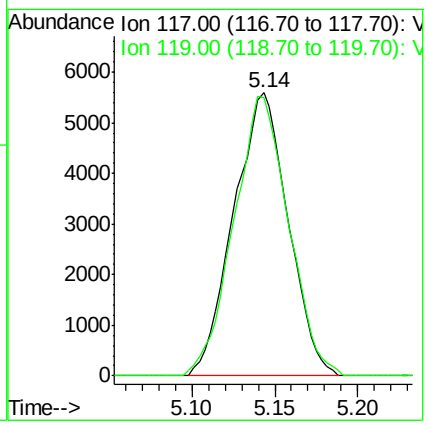


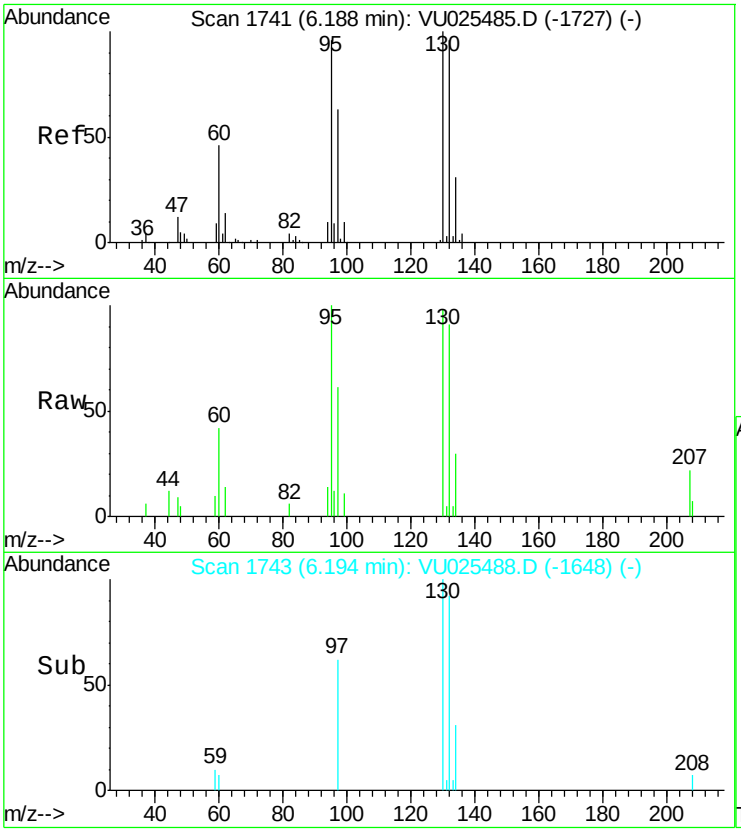


#31
Carbon tetrachloride
Concen: 3.591 ug/L
RT: 5.14 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion:117 Resp: 12739

Ion	Ratio	Lower	Upper
117	100		
119	99.1	77.1	115.7

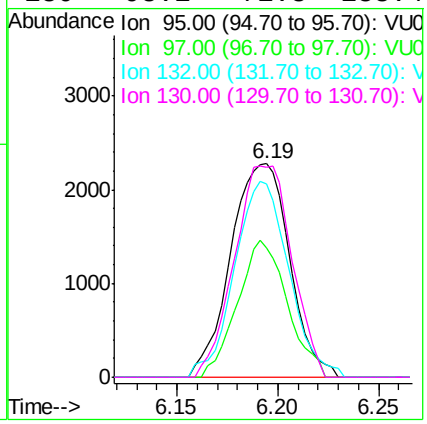


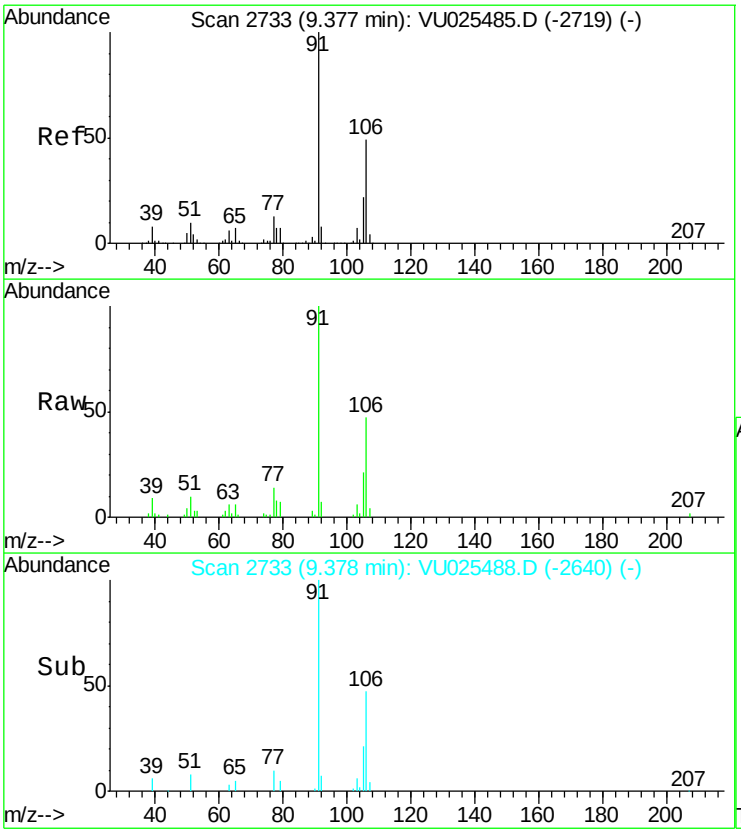


#34
Trichloroethene
Concen: 1.955 ug/L
RT: 6.19 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 95 Resp: 4647

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.9	85.3
132	90.6	68.2	126.6
130	98.1	71.8	133.4

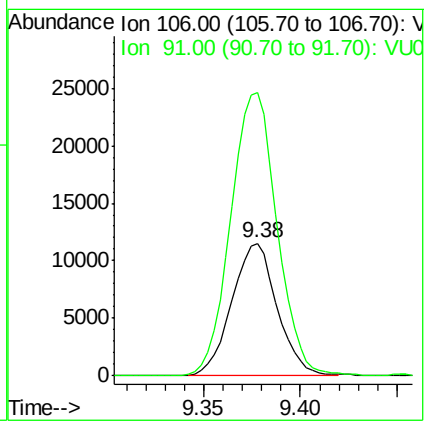


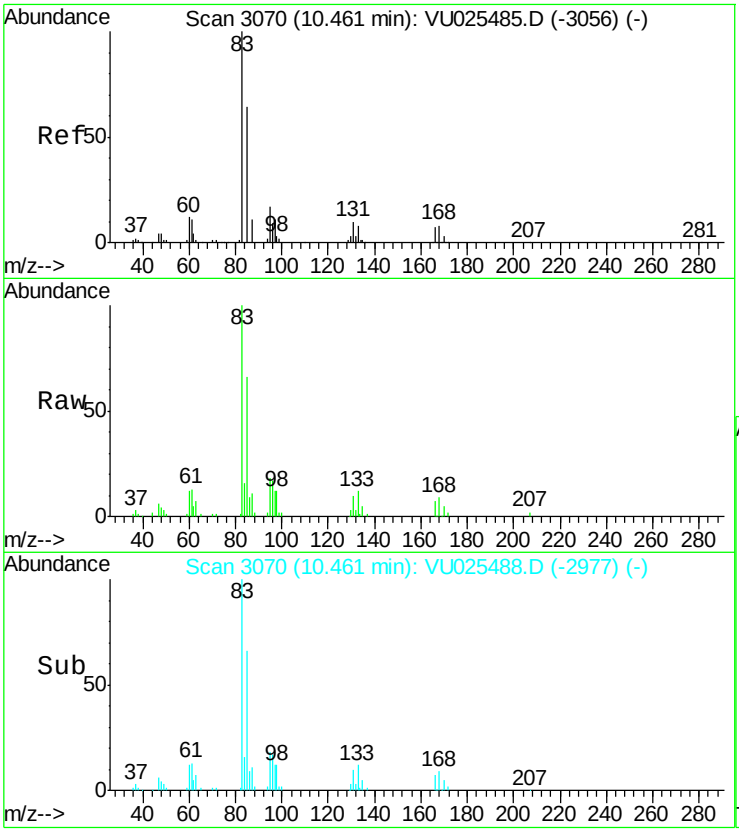


#53
m,p-Xylene
Concen: 4.592 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion:106 Resp: 18809

Ion	Ratio	Lower	Upper
106	100		
91	213.4	138.6	257.4

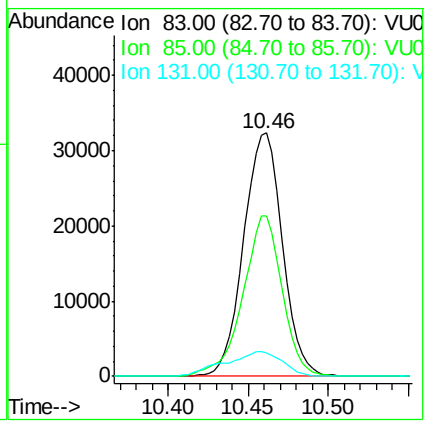


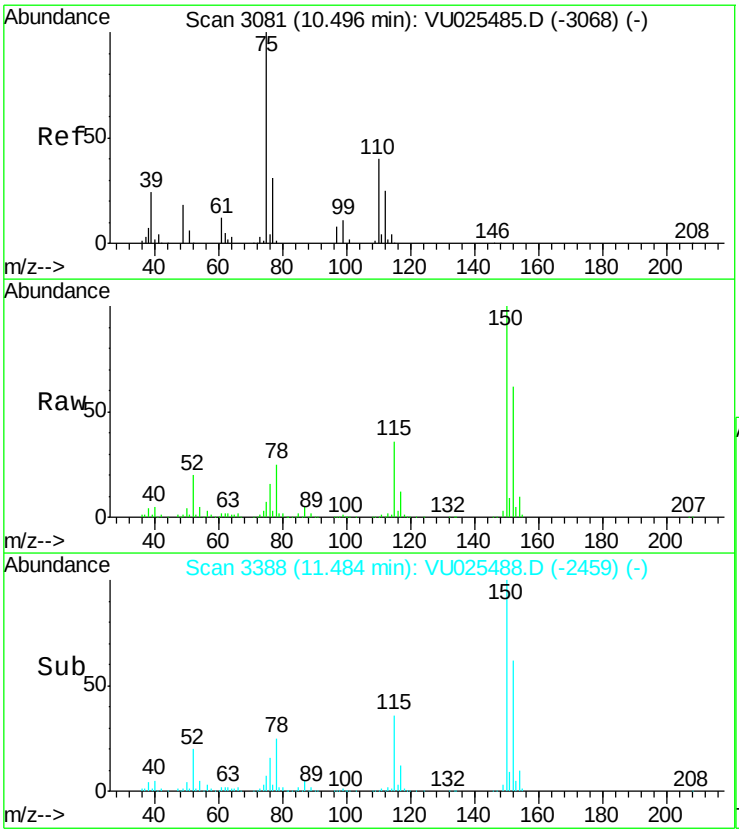


#58
1,1,2,2-Tetrachloroethane
Concen: 13.284 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. 0.00 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 83 Resp: 53702

Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.9	83.5
131	9.6	8.9	13.3





#59
1,2,3-Trichloropropane
Concen: 4.805 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU025488.D
Acq: 18 Jul 2018 11:14

Tgt Ion: 75 Resp: 15825

Ion	Ratio	Lower	Upper
75	100		
77	40.0	26.2	39.2#