Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
Data File : VU025471.D
Acq On : 17 Jul 2018 21:20
Operator : MD/SY
Sample : J4024-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB1P0

Quant Time: Jul 18 06:48:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 06:47:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	338766	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144633	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	72917	45.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.28%			
7) Chloroethane-d5	1.68	69	67344	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.96%			
11) 1,1-Dichloroethene-d2	2.28	63	127153	36.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.50%			
21) 2-Butanone-d5	4.18	46	153822	90.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.49%			
24) Chloroform-d	4.65	84	190785	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.08%			
26) 1,2-Dichloroethane-d4	5.31	65	135523	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.10%			
32) Benzene-d6	5.35	84	368485	50.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.12%			
36) 1,2-Dichloropropane-d6	6.34	67	122585	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.58%			
41) Toluene-d8	7.57	98	344360	48.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.66%			
43) trans-1,3-Dichloropropene-	7.85	79	58582	46.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.34%			
47) 2-Hexanone-d5	8.31	63	112589	89.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.09%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168479	46.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	143687	49.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.14%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4143	2.093	ug/L #	76
13) Acetone	2.32	43	7567	5.097	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	6257	2.353	ug/L	93
25) Chloroform	4.68	83	25489	5.583	ug/L	95
35) Methylcyclohexane	6.42	83	16263	4.491	ug/L	97
48) 2-Hexanone	8.31	43	13531	4.698	ug/L #	67
52) Ethylbenzene	9.25	91	121585	11.337	ug/L	99
53) m,p-Xylene	9.38	106	132180	32.155	ug/L	98
54) o-xylene	9.78	106	22203	5.354	ug/L	94
58) 1,1,2,2-Tetrachloroethane	10.46	83	16090	3.965	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	16116	4.875	ug/L	89

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

Quantitation Report (Not Reviewed)

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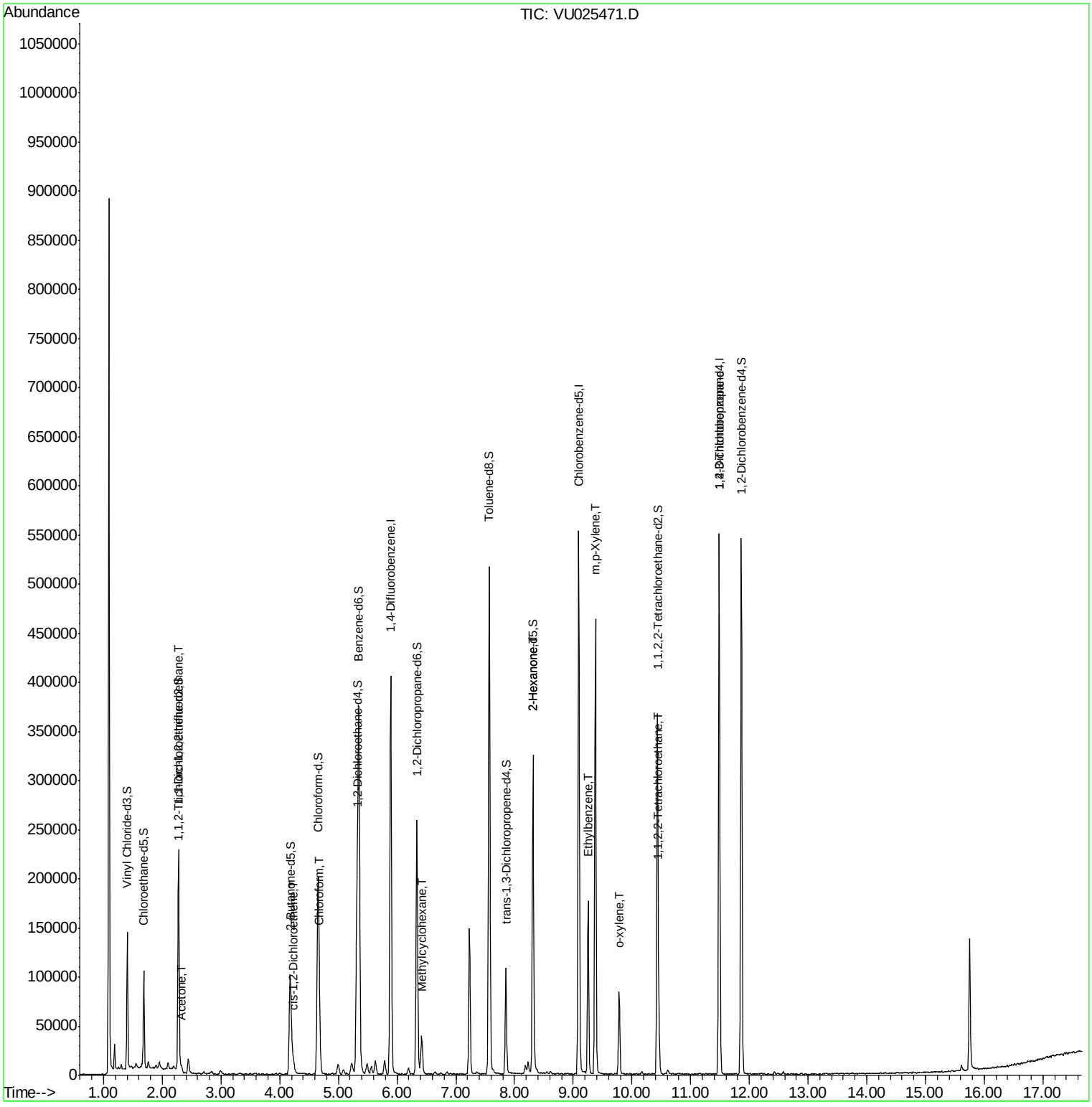
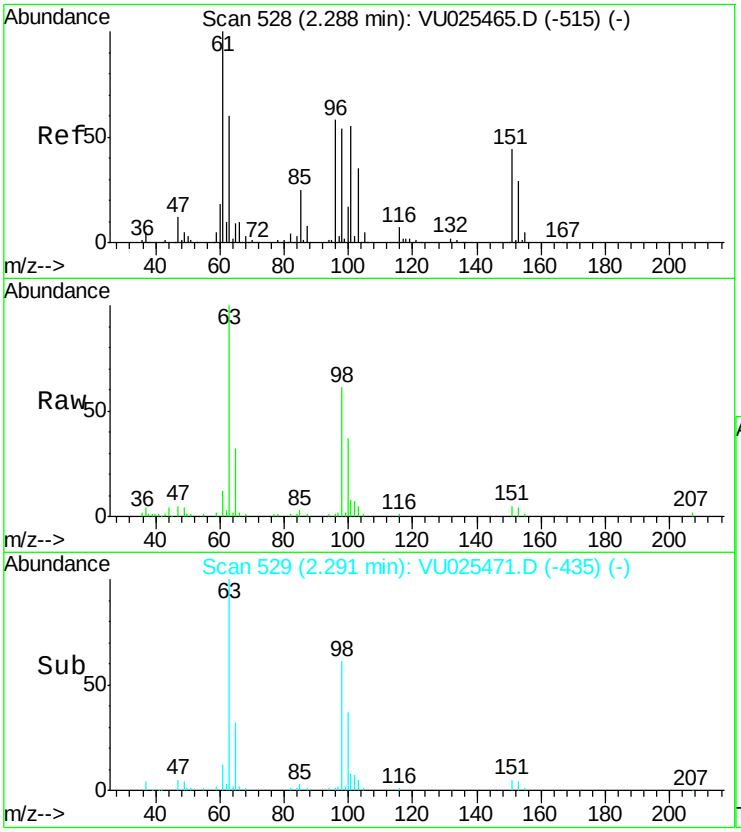
Acq On : 17 Jul 2018 21:20
Operator : MD/SY
Sample : J4024-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB1P0

Quant Time: Jul 18 06:48:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 06:47:36 2018
Response via : Initial Calibration



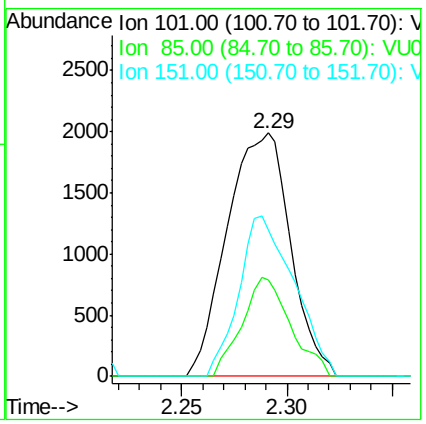


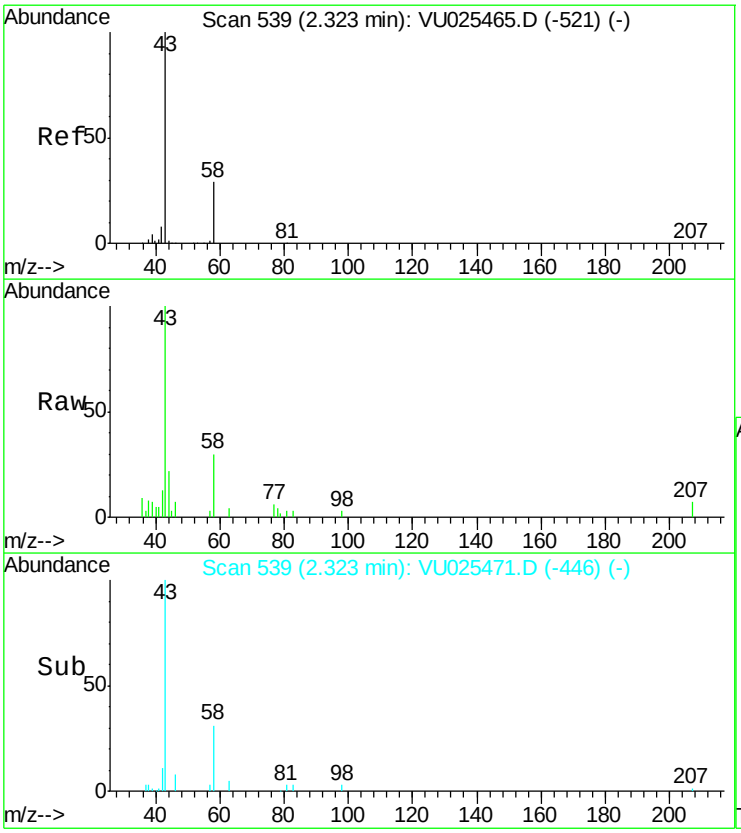
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.093 ug/L
RT: 2.29 min Scan# 529
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
DB1P0

Tgt Ion:101 Resp: 4143

Ion	Ratio	Lower	Upper
101	100		
85	31.2	35.4	53.2#
151	57.3	65.0	97.4#

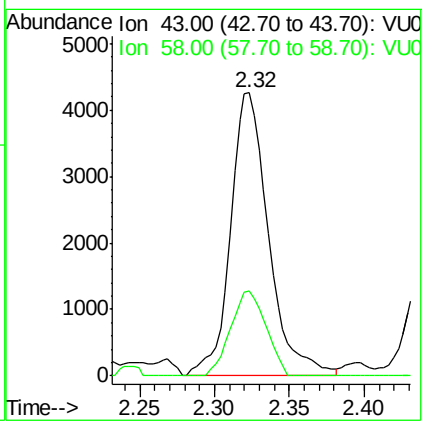


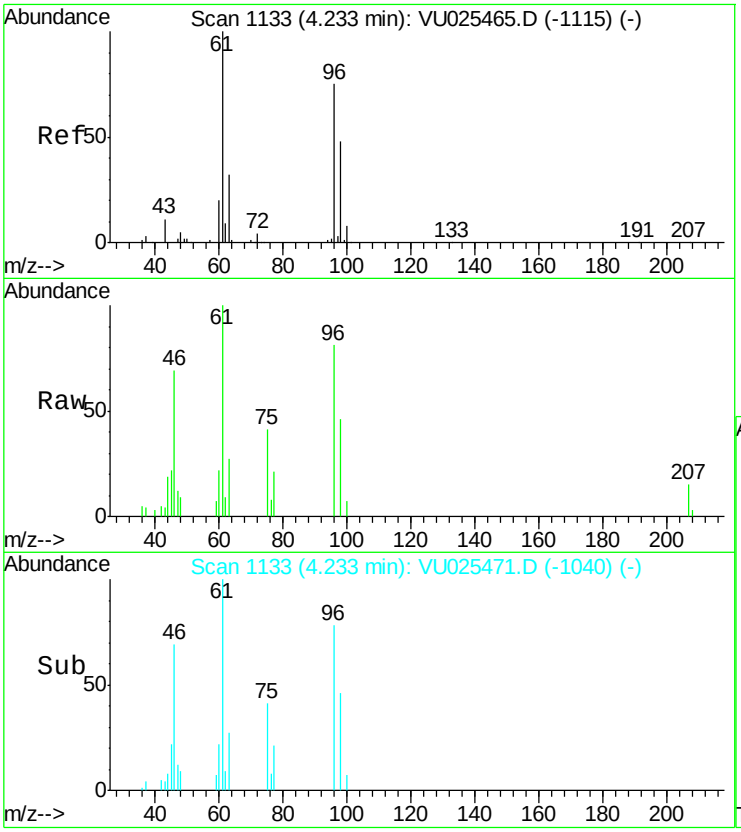


#13
Acetone
Concen: 5.097 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Tgt Ion: 43 Resp: 7567

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	59.0



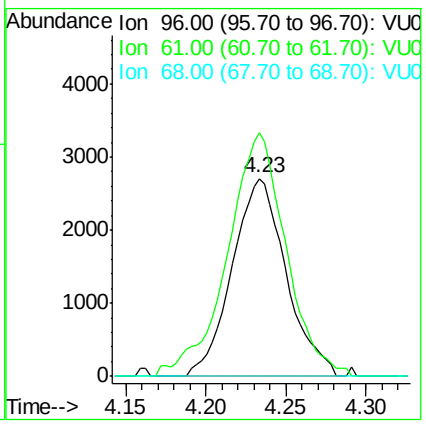


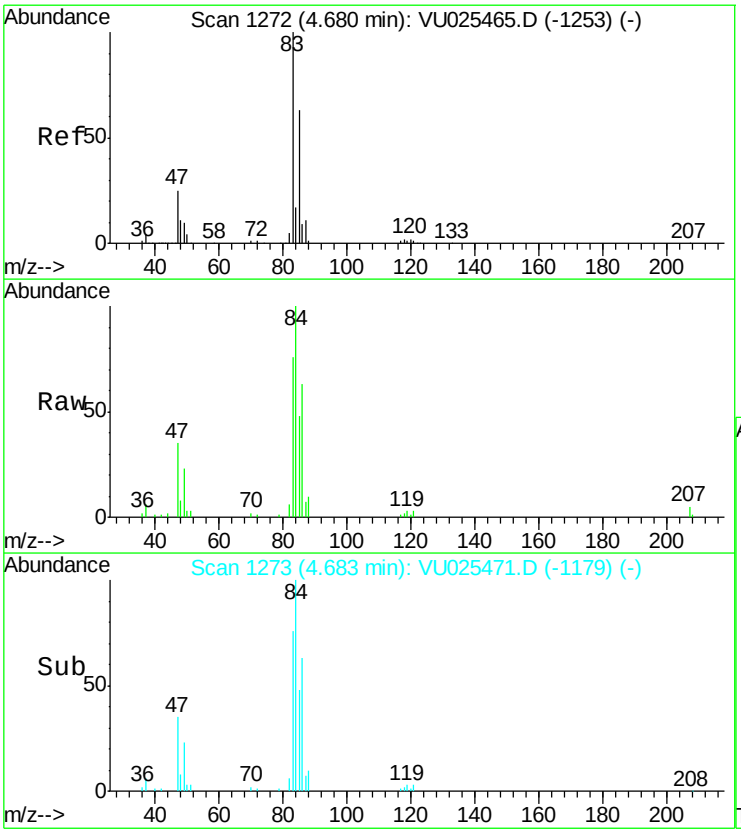
#20
cis-1,2-Dichloroethene
Concen: 2.353 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
DB1P0

Tgt Ion: 96 Resp: 6257

Ion	Ratio	Lower	Upper
96	100		
61	123.0	91.7	170.3
68	0.0	0.0	0.0

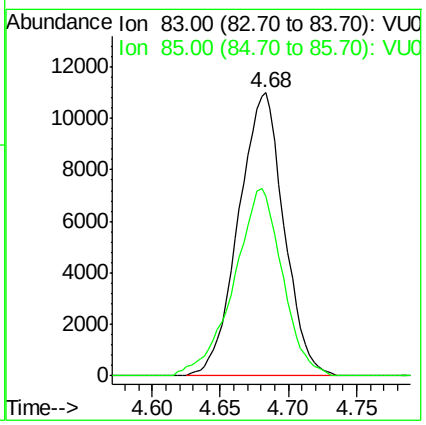


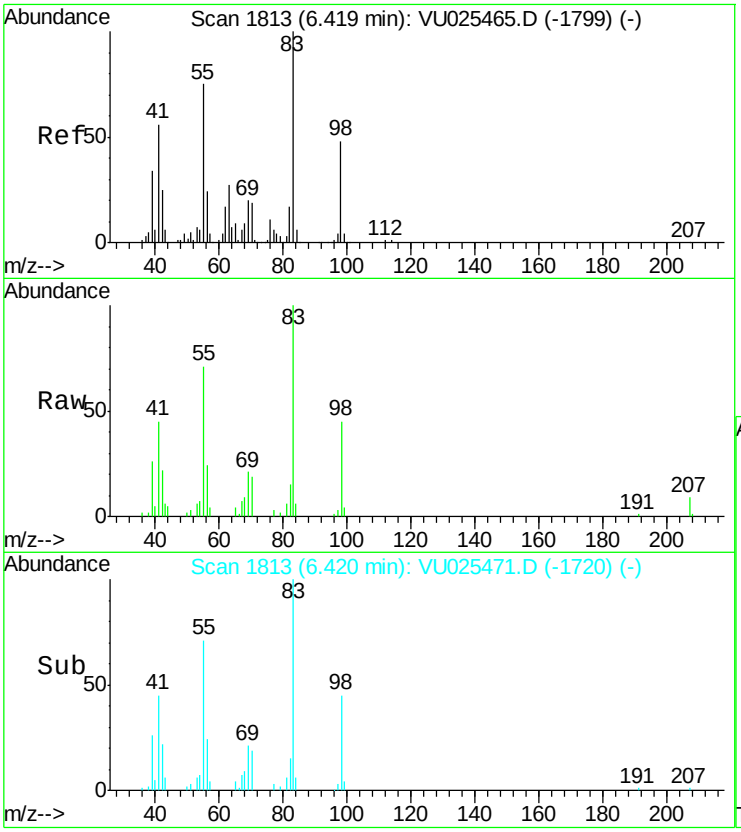


#25
Chloroform
Concen: 5.583 ug/L
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Tgt Ion: 83 Resp: 25489

Ion	Ratio	Lower	Upper
83	100		
85	63.3	47.2	87.6



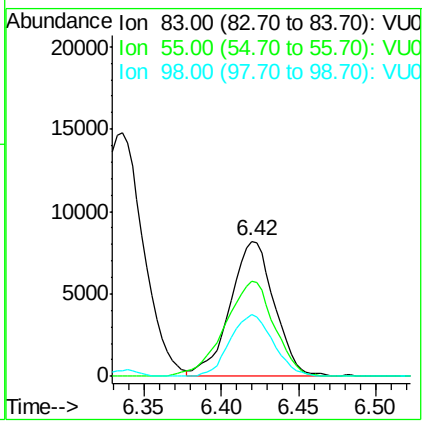


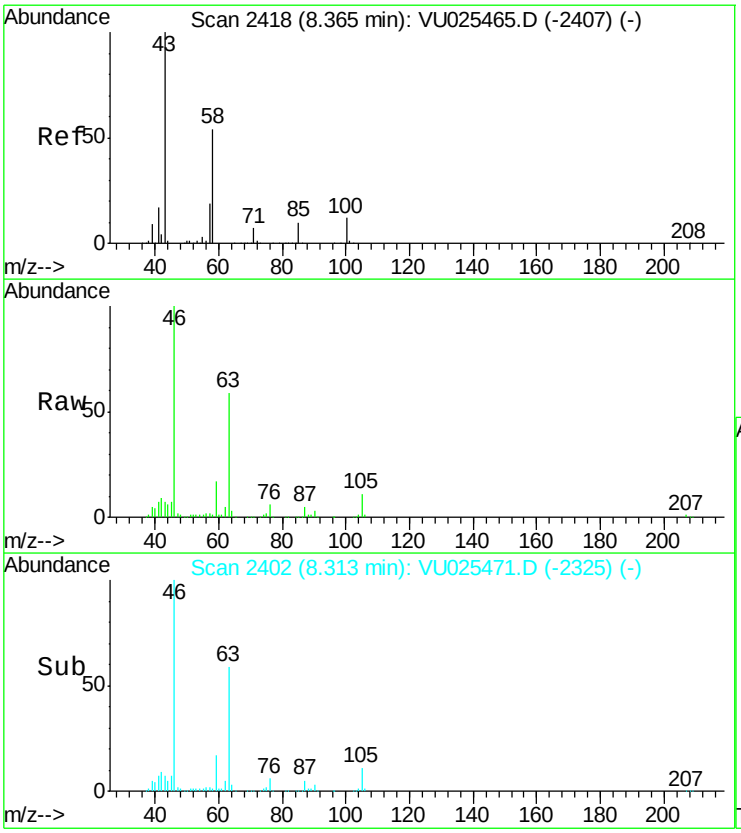
#35
Methylcyclohexane
Concen: 4.491 ug/L
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
DB1P0

Tgt Ion: 83 Resp: 16263

Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.8	92.8
98	44.7	38.7	58.1

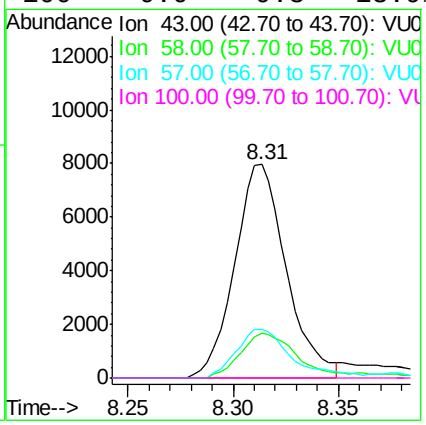


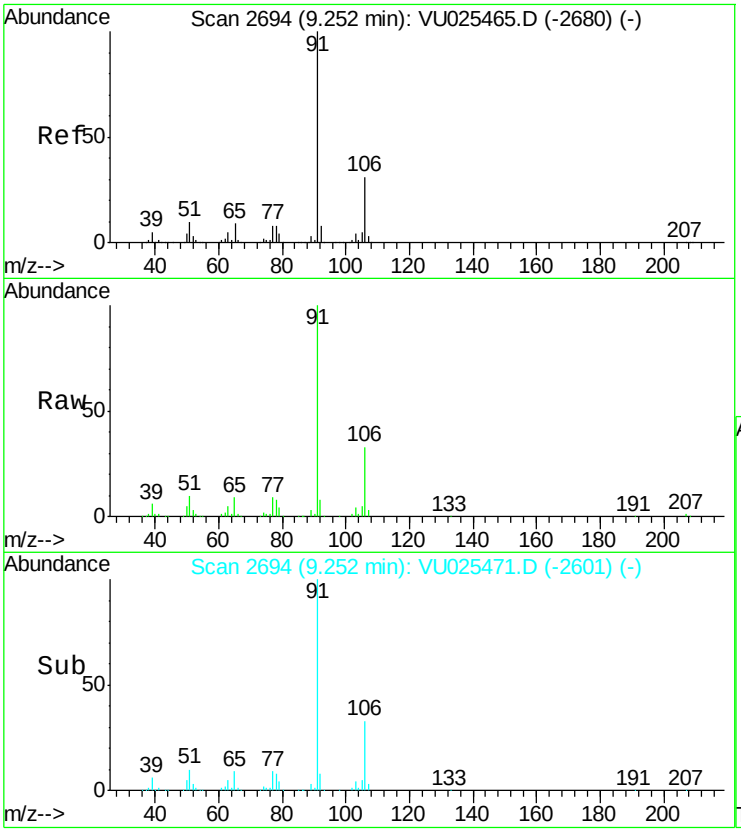


#48
2-Hexanone
Concen: 4.698 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Tgt Ion: 43 Resp: 13531

Ion	Ratio	Lower	Upper
43	100		
58	22.7	42.3	63.5#
57	24.4	15.6	23.4#
100	0.0	9.3	13.9#



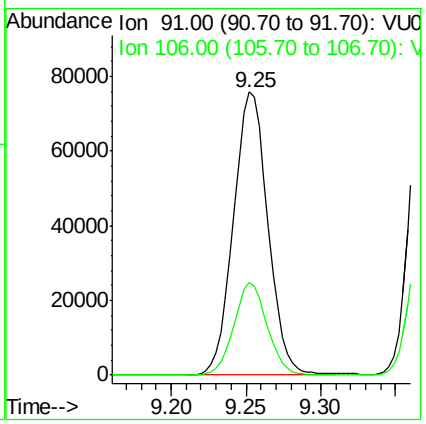


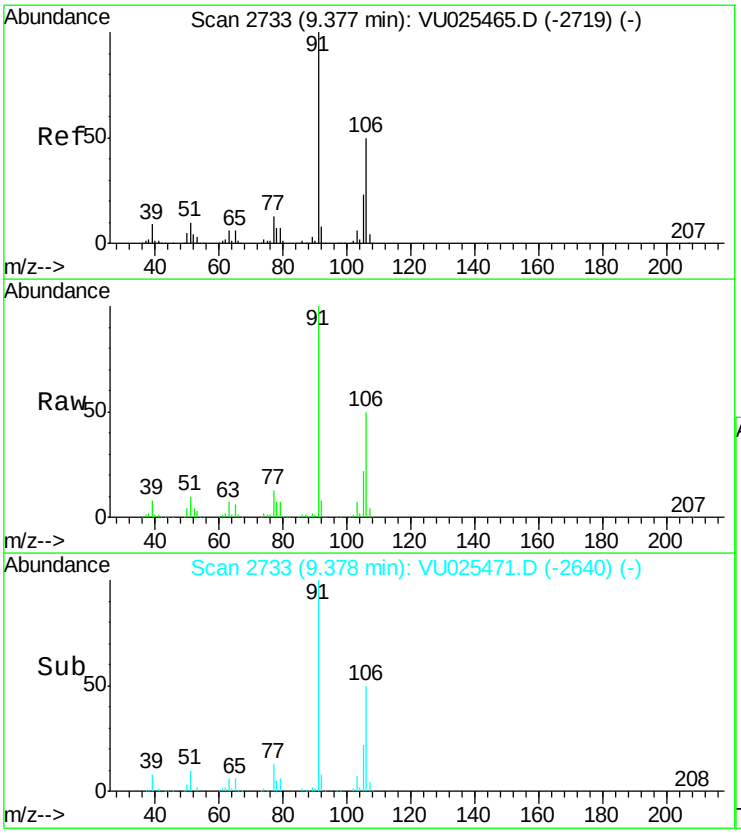
#52
Ethylbenzene
Concen: 11.337 ug/L
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument : MSVOA_U
ClientSampleId : DB1P0

Tgt Ion: 91 Resp: 121585

Ion	Ratio	Lower	Upper
91	100		
106	32.5	22.4	41.6

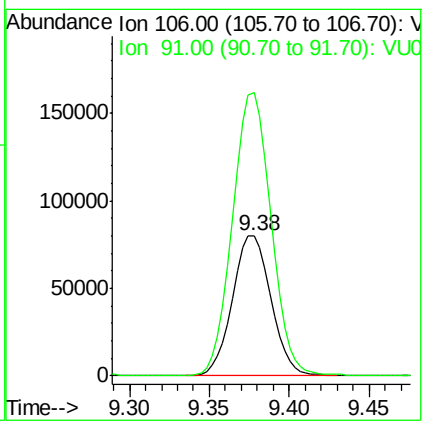


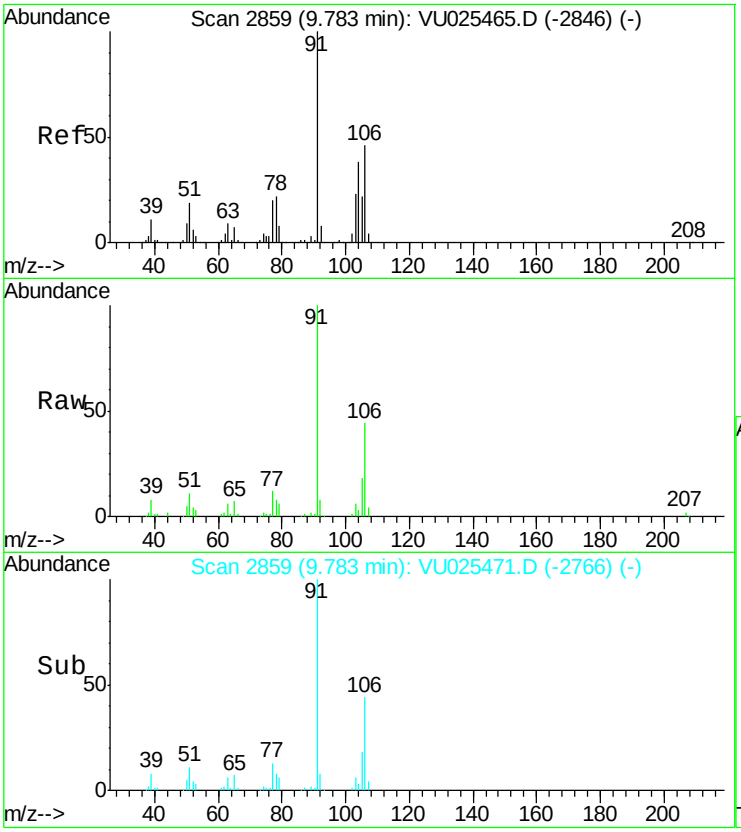


#53
m,p-Xylene
Concen: 32.155 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Tgt Ion:106 Resp: 132180

Ion	Ratio	Lower	Upper
106	100		
91	201.3	138.6	257.4



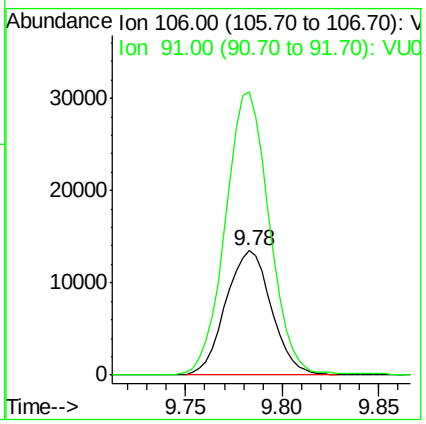


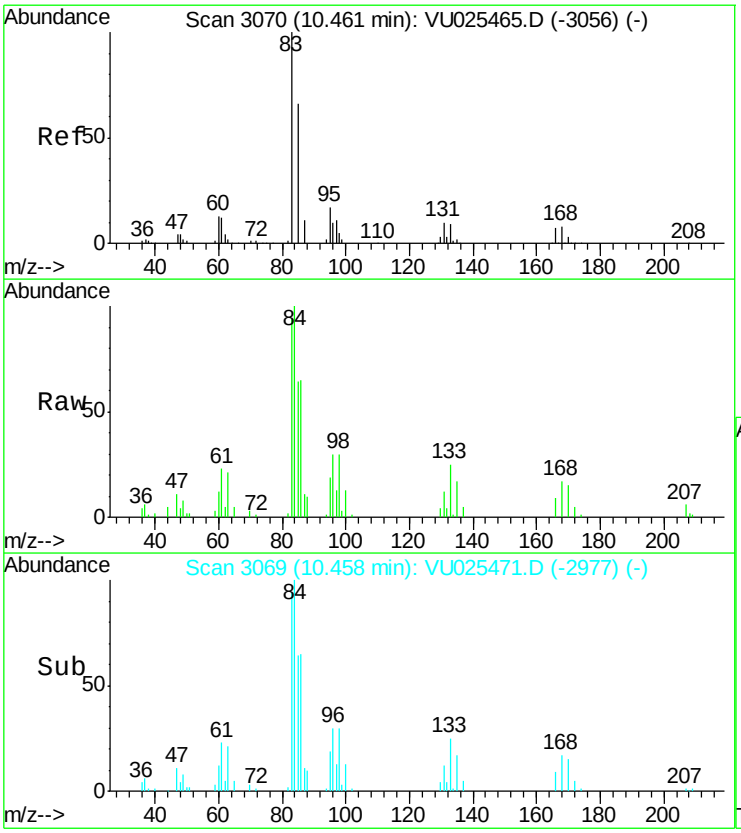
#54
o-xylene
Concen: 5.354 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument : MSVOA_U
ClientSampleId : DB1P0

Tgt Ion:106 Resp: 22203

Ion	Ratio	Lower	Upper
106	100		
91	228.0	152.8	283.8

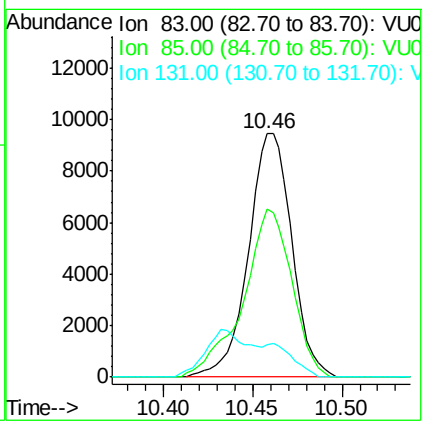


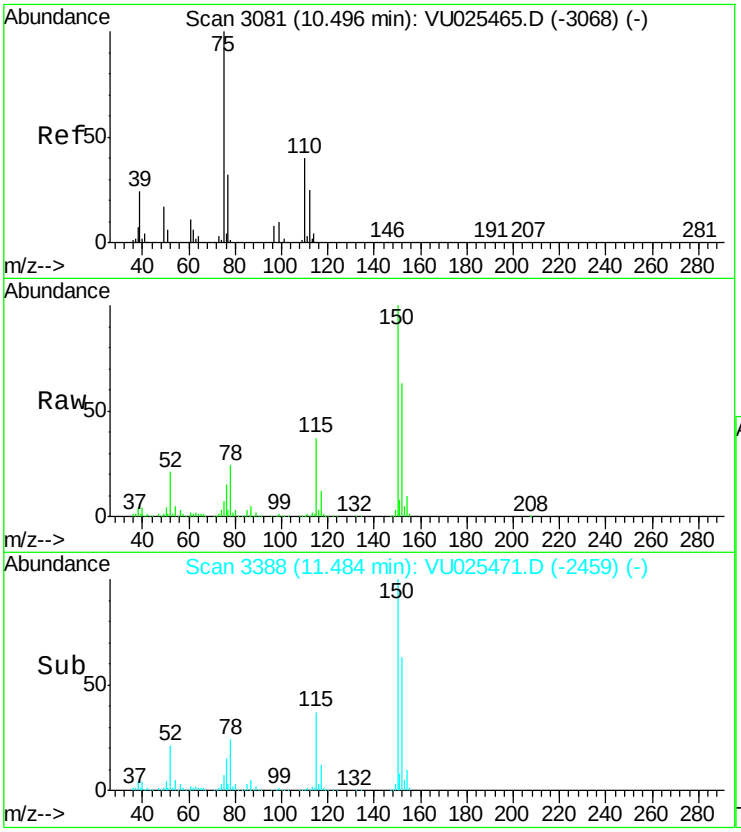


#58
1,1,2,2-Tetrachloroethane
Concen: 3.965 ug/L
RT: 10.46 min Scan# 3069
Delta R.T. -0.00 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Tgt Ion: 83 Resp: 16090

Ion	Ratio	Lower	Upper
83	100		
85	68.9	44.9	83.5
131	13.1	8.9	13.3





#59
1,2,3-Trichloropropane
Concen: 4.875 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU025471.D
Acq: 17 Jul 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
DB1P0

Tgt Ion: 75 Resp: 16116

Ion	Ratio	Lower	Upper
75	100		
77	38.9	26.2	39.2