Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\

Quantitation Report (Not Reviewed)

Data File : VU027841.D
Acq On : 26 Oct 2018 18:10
Operator : MD/SY
Sample : J5668-22MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1MS

Quant Time: Oct 27 01:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52950	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	27622	28.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.48%#			
7) Chloroethane-d5	1.67	69	24029	32.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.96%#			
11) 1,1-Dichloroethene-d2	2.28	63	61577	35.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.16%			
21) 2-Butanone-d5	4.18	46	76540	93.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.46%			
24) Chloroform-d	4.65	84	62616	36.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.48%			
26) 1,2-Dichloroethane-d4	5.31	65	45852	38.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.66%			
32) Benzene-d6	5.34	84	120300	36.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.06%			
36) 1,2-Dichloropropane-d6	6.33	67	46014	39.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.26%			
41) Toluene-d8	7.57	98	108859	35.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.66%#			
43) trans-1,3-Dichloropropene-	7.85	79	20421	35.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.52%			
47) 2-Hexanone-d5	8.31	63	55998	93.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62596	41.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	42650	39.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.64%#			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1065	1.769	ug/L	91
12) 1,1-Dichloroethene	2.29	96	32192	46.773	ug/L	86
13) Acetone	2.32	43	4109	7.203	ug/L	94
25) Chloroform	4.67	83	1183	0.738	ug/L	98
27) 1,2-Dichloroethane	5.40	62	1643	1.181	ug/L #	78
33) Benzene	5.39	78	167429	48.664	ug/L	100
34) Trichloroethene	6.19	95	40459	46.973	ug/L	99
35) Methylcyclohexane	6.33	83	9575	6.428	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4823	4.744	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1057	0.675	ug/L #	60
42) Toluene	7.64	91	172350	47.833	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	843	0.569	ug/L	98
51) Chlorobenzene	9.12	112	103440	46.826	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	6536	5.440	ug/L	89

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

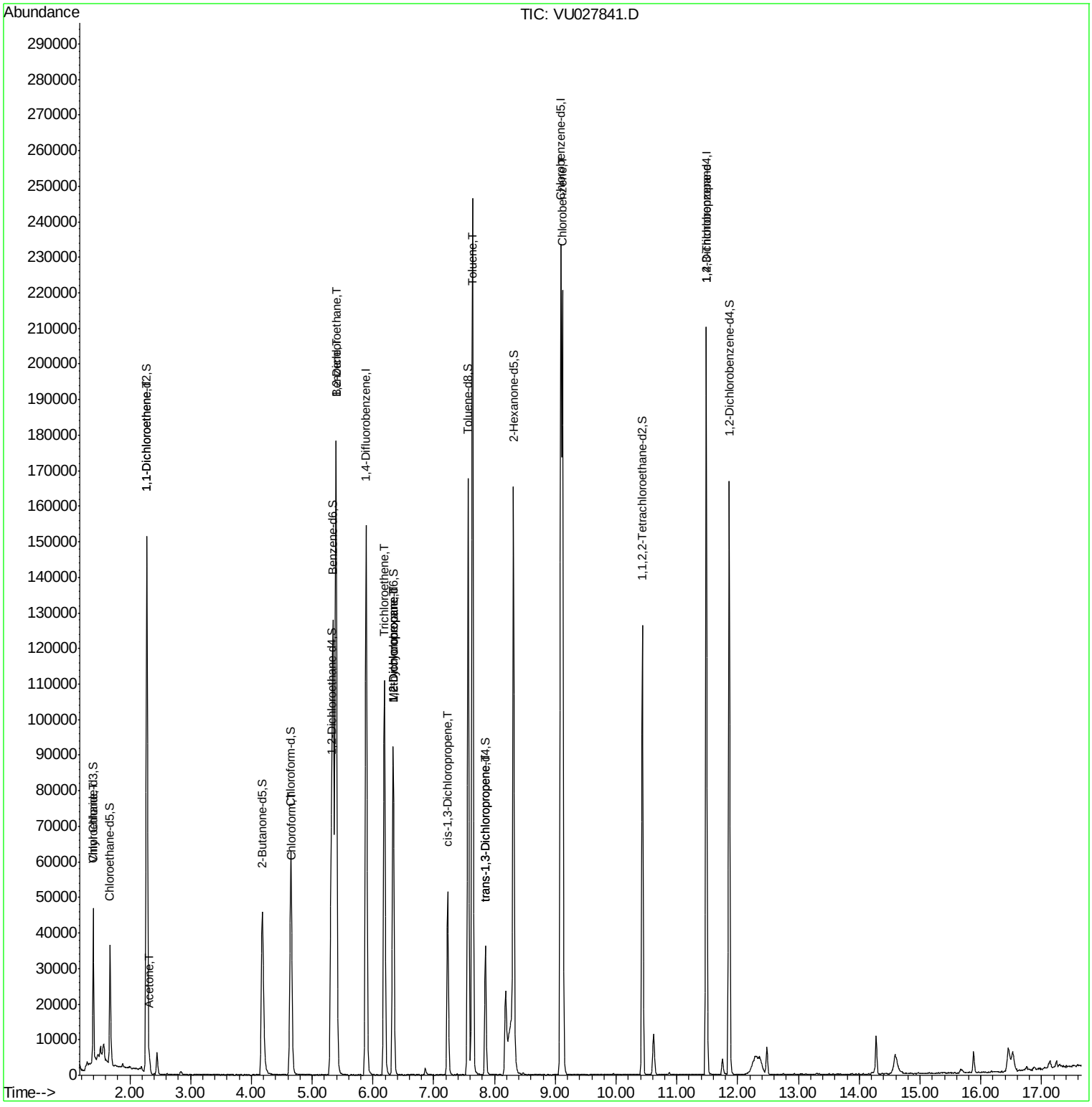
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\

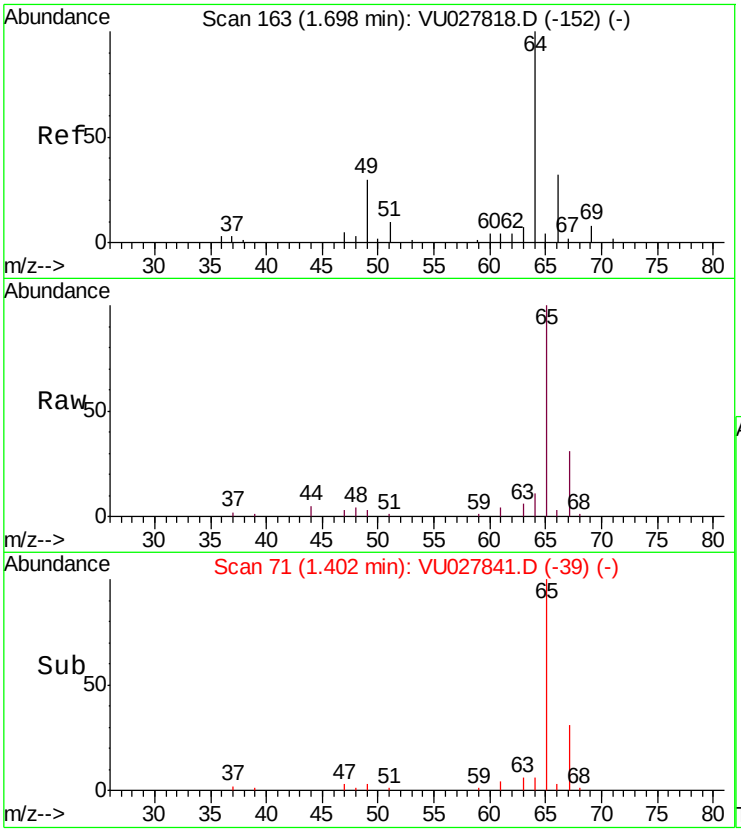
Quantitation Report (Not Reviewed)

Data File : VU027841.D
Acq On : 26 Oct 2018 18:10
Operator : MD/SY
Sample : J5668-22MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBS1MS

Quant Time: Oct 27 01:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration



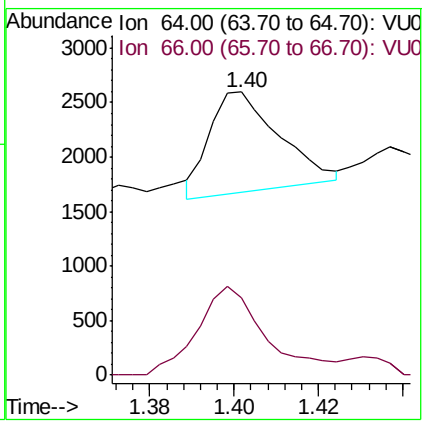


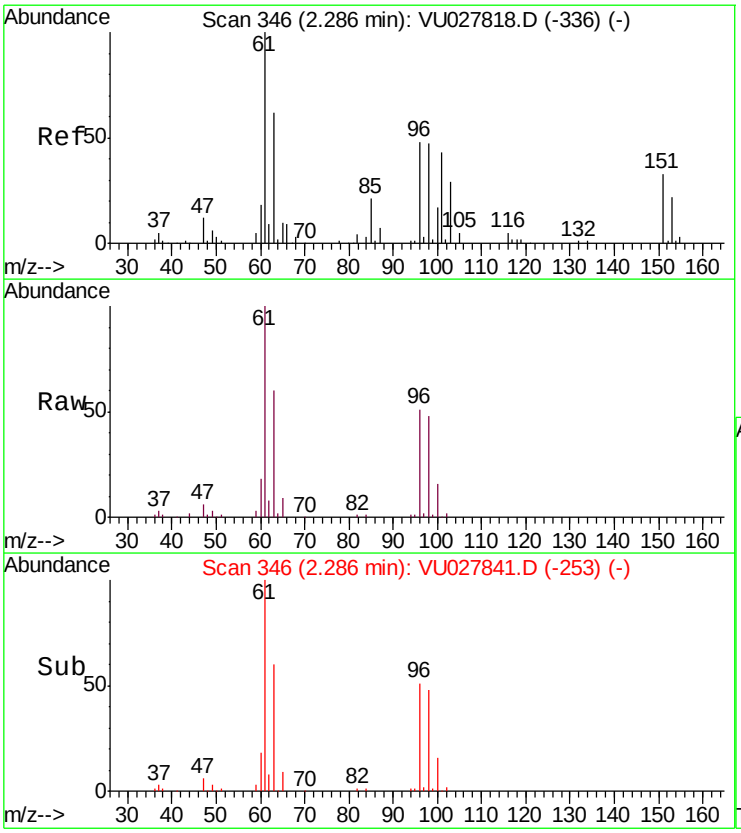
#8
Chloroethane
Concen: 1.769 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.30 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 64 Resp: 1065

Ion	Ratio	Lower	Upper
64	100		
66	27.3	22.6	42.0

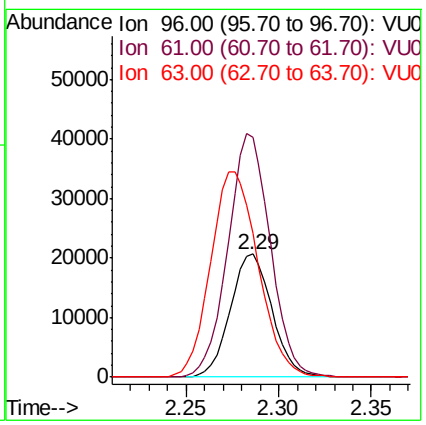


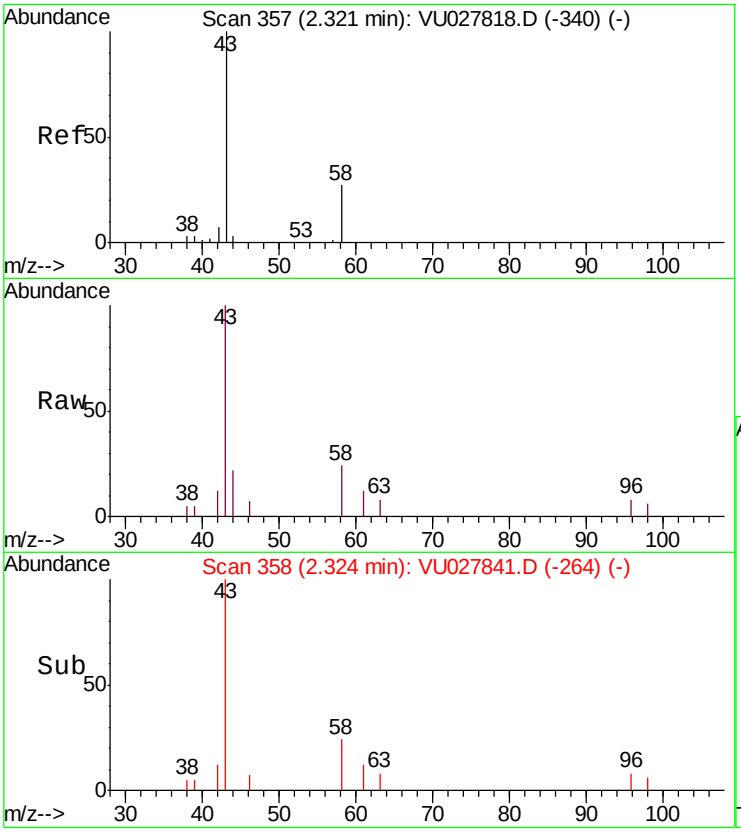


#12
1,1-Dichloroethene
Concen: 46.773 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 96 Resp: 32192

Ion	Ratio	Lower	Upper
96	100		
61	195.1	137.3	255.1
63	117.4	109.8	204.0



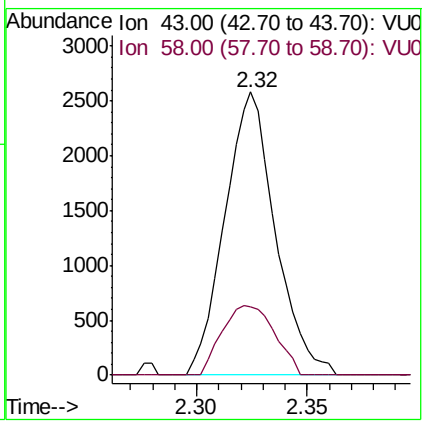


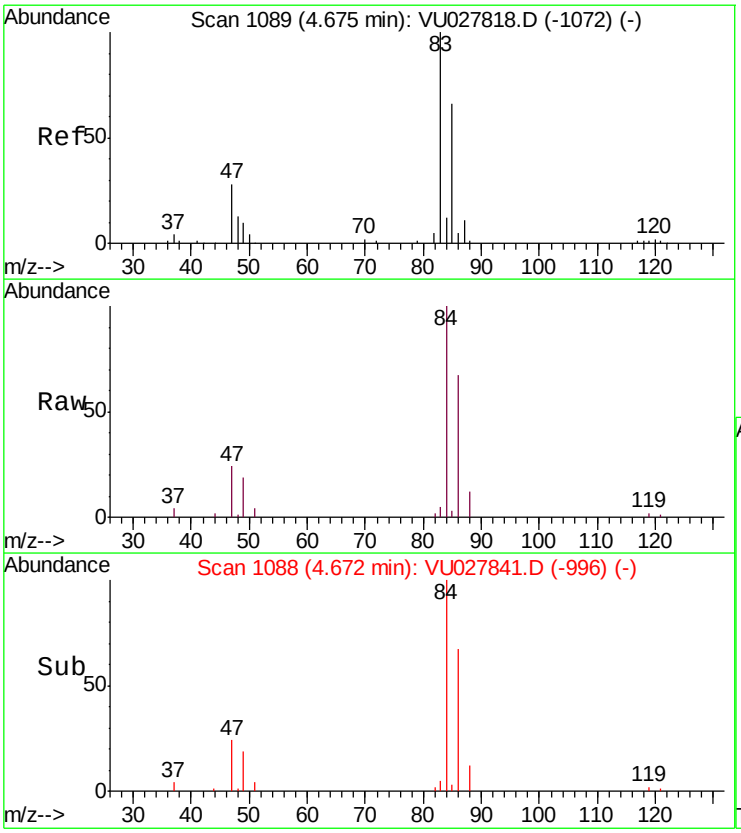
#13
Acetone
Concen: 7.203 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 43 Resp: 4109

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	57.4

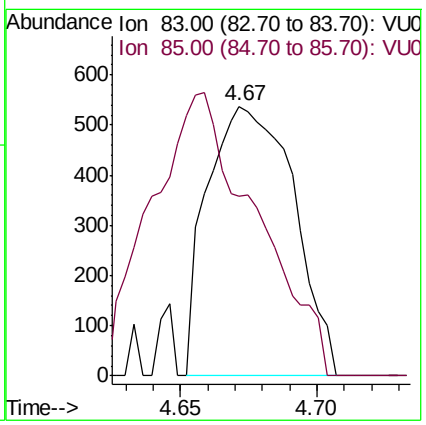


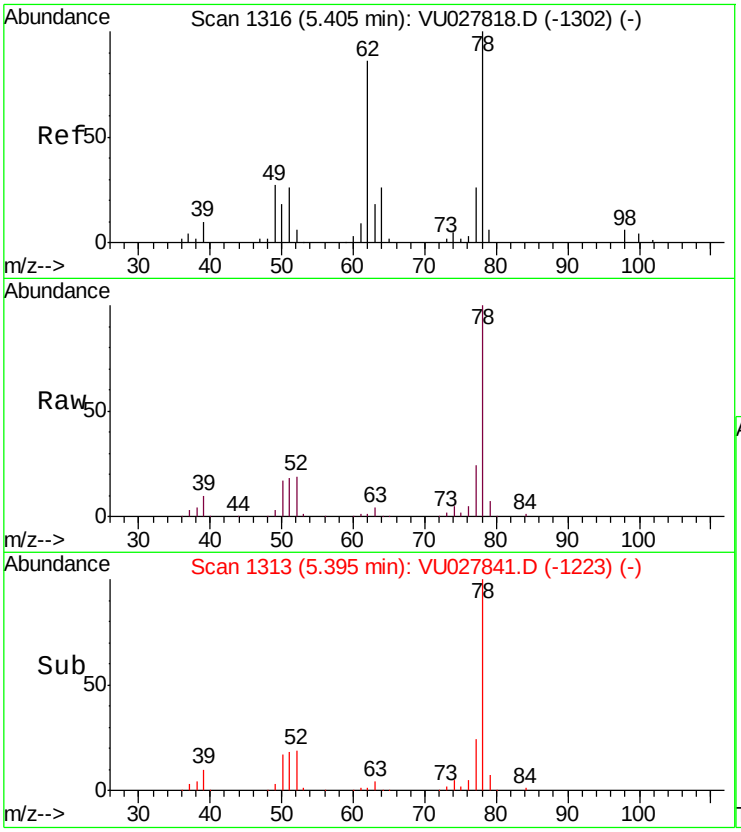


#25
Chloroform
Concen: 0.738 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 83 Resp: 1183

Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.4	84.4



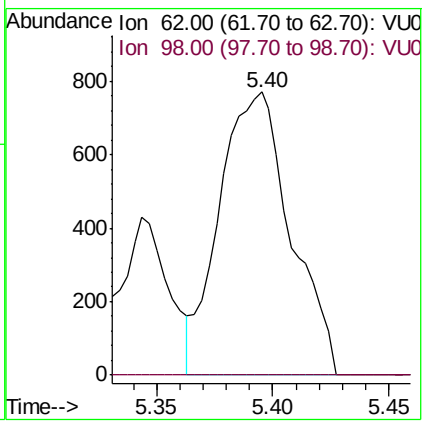


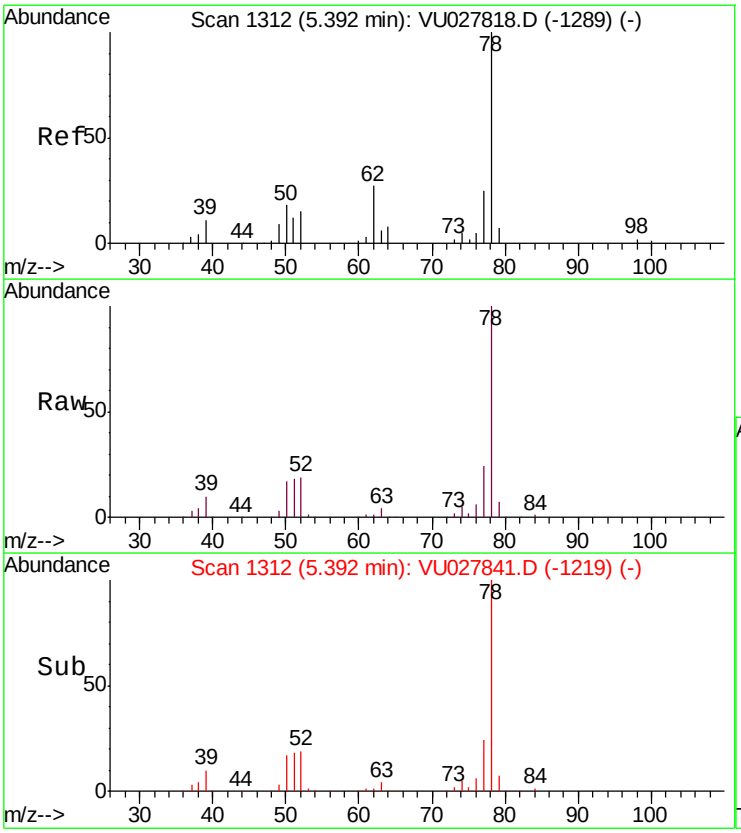
#27
1,2-Dichloroethane
Concen: 1.181 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 62 Resp: 1643

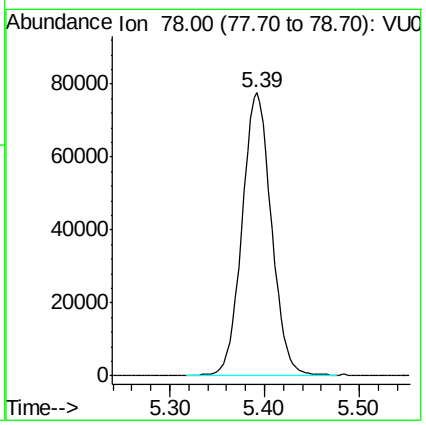
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

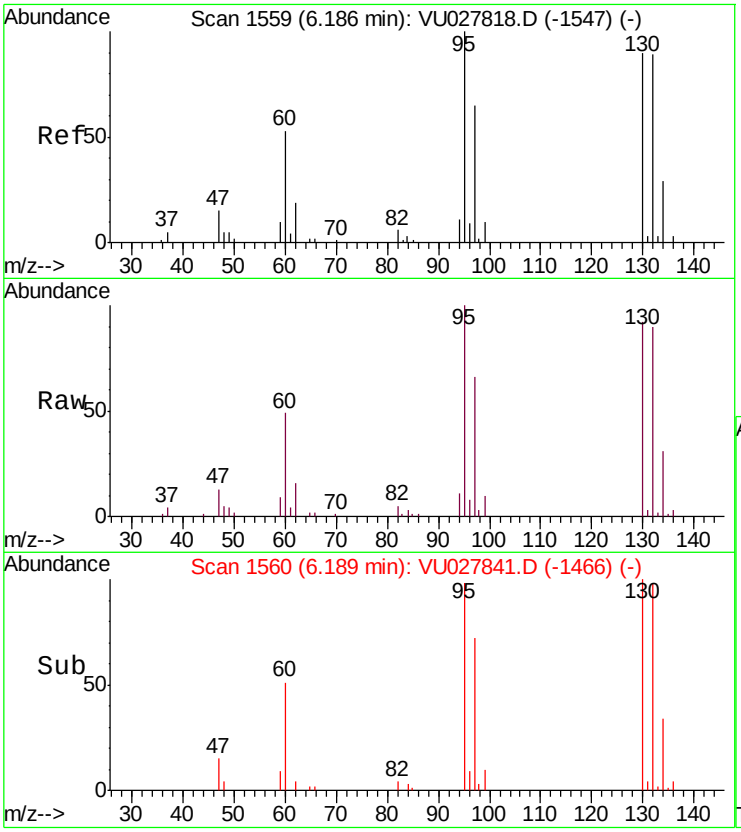




#33
Benzene
Concen: 48.664 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 78 Resp: 167429



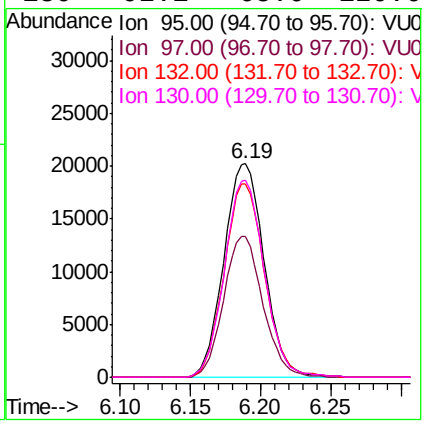


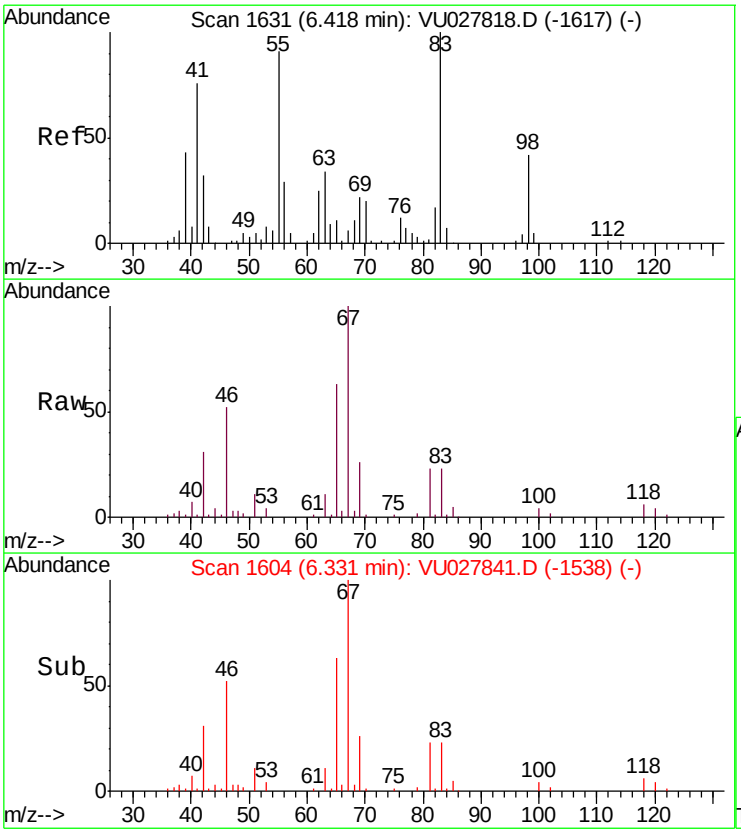
#34
Trichloroethene
Concen: 46.973 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 95 Resp: 40459

Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.8	85.2
132	90.4	62.1	115.3
130	92.1	65.0	120.6

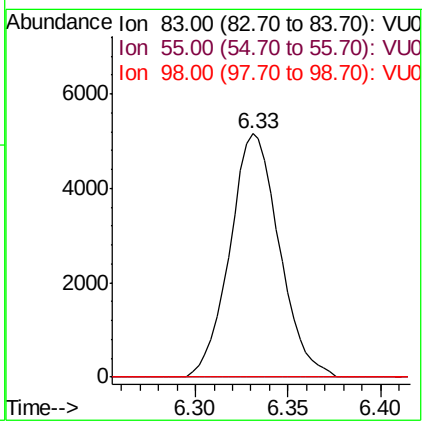


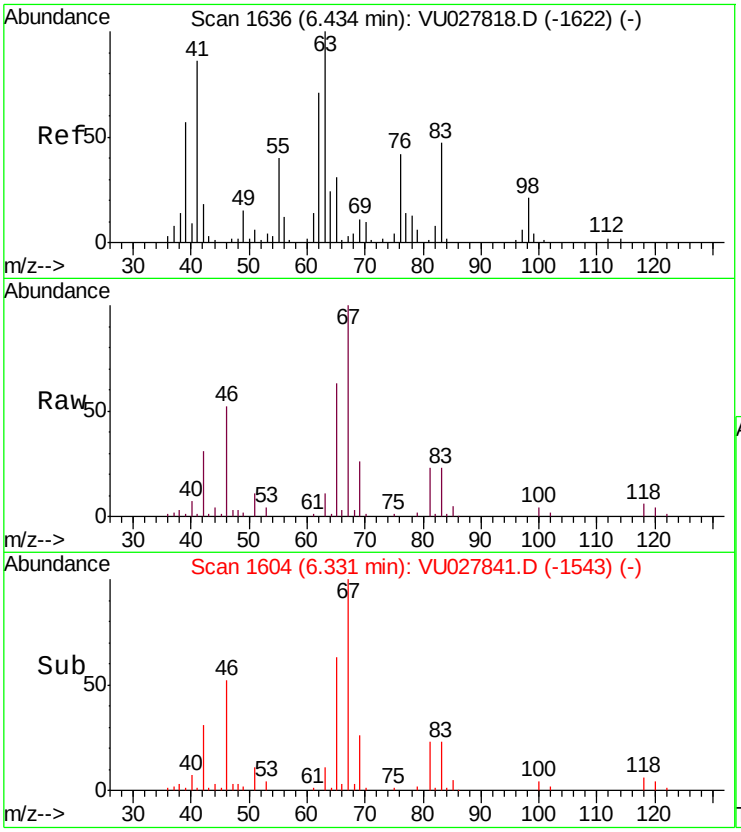


#35
Methylcyclohexane
Concen: 6.428 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 83 Resp: 9575

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.0	34.6	52.0#



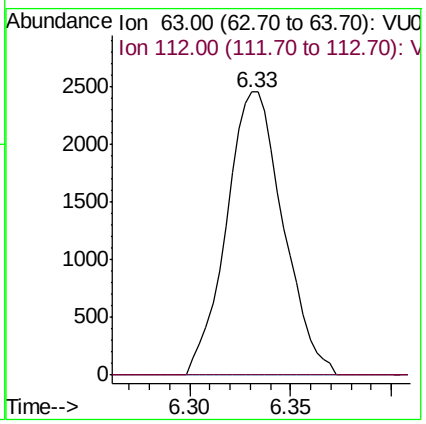


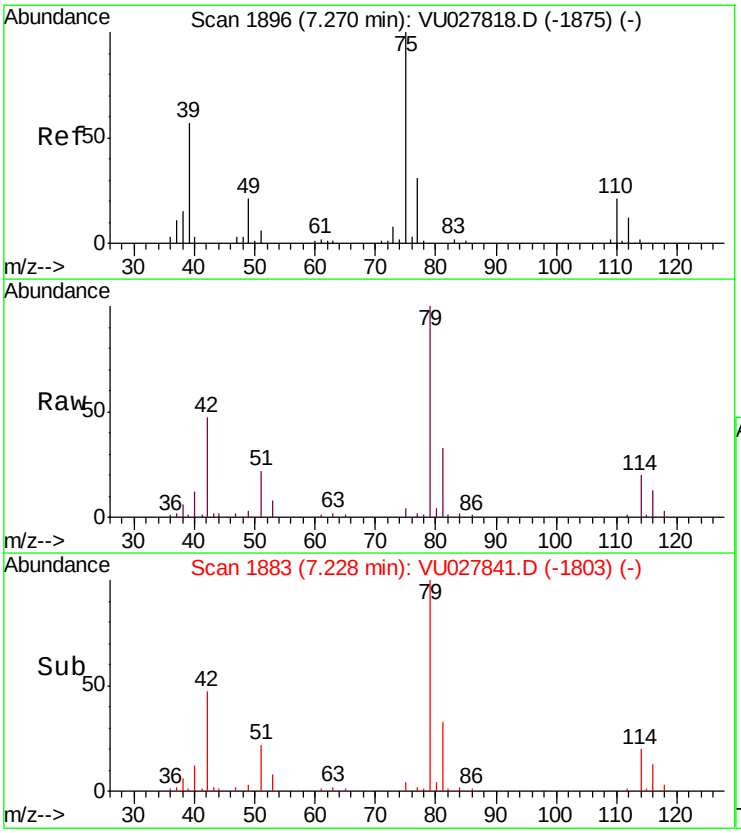
#37
1,2-Dichloropropane
Concen: 4.744 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 63 Resp: 4823

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

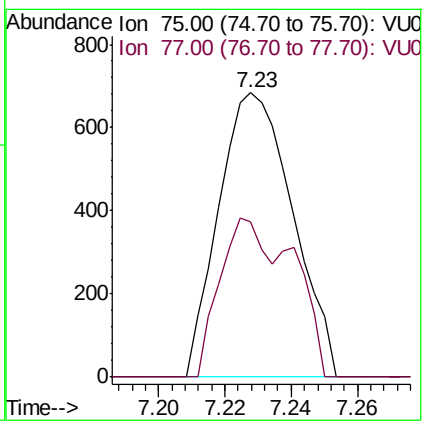


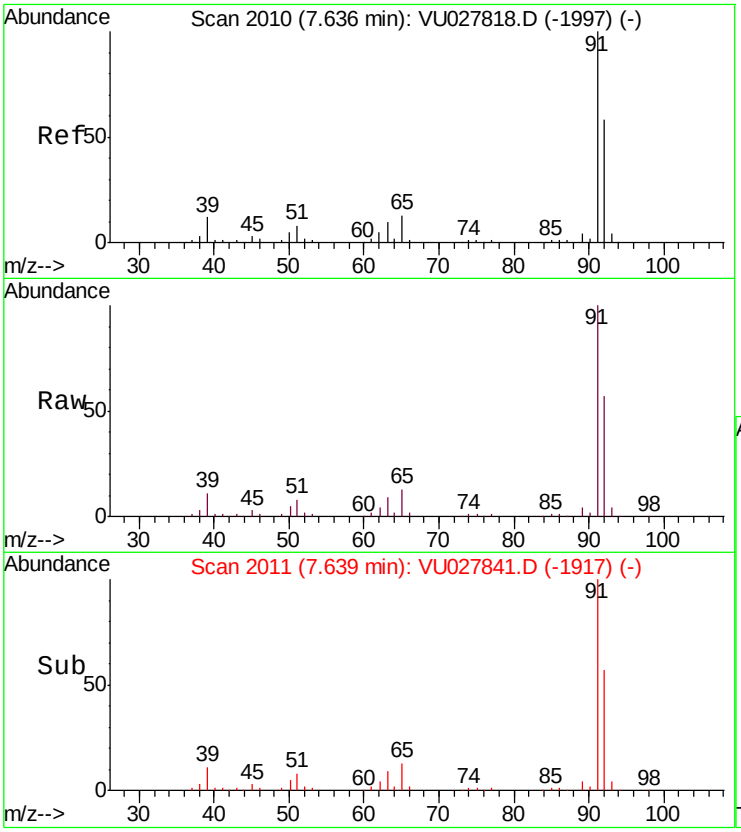


#39
cis-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 75 Resp: 1057

Ion	Ratio	Lower	Upper
75	100		
77	54.6	22.5	41.7#



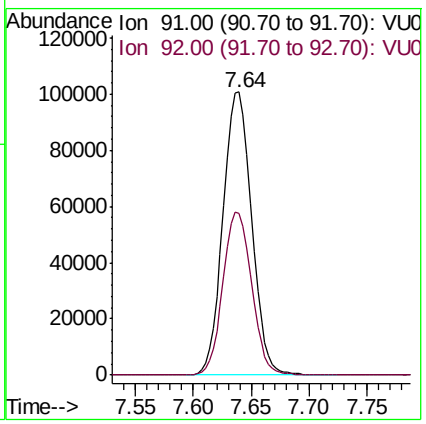


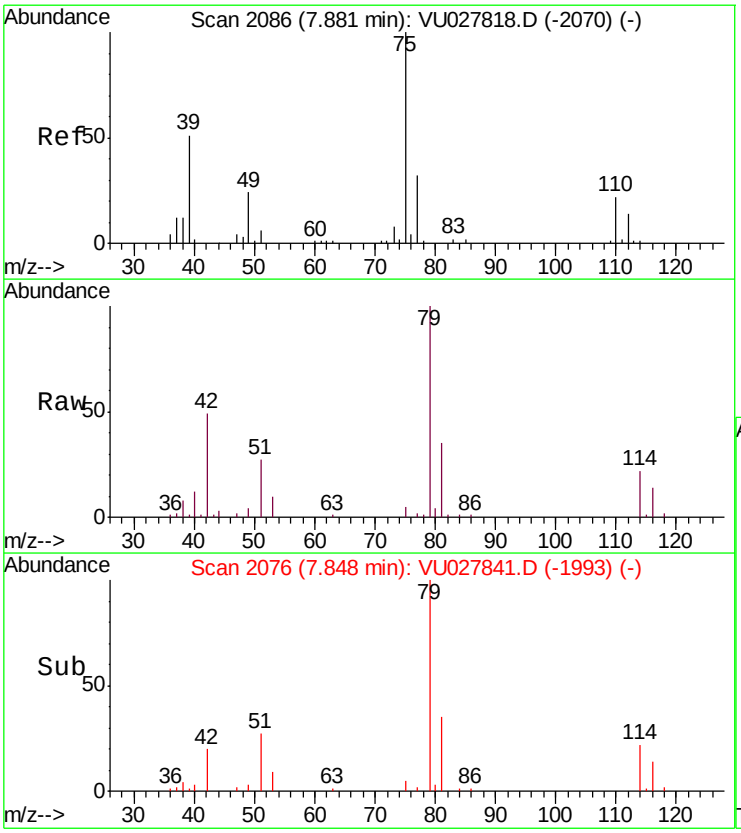
#42
Toluene
Concen: 47.833 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion: 91 Resp: 172350

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.9	74.1

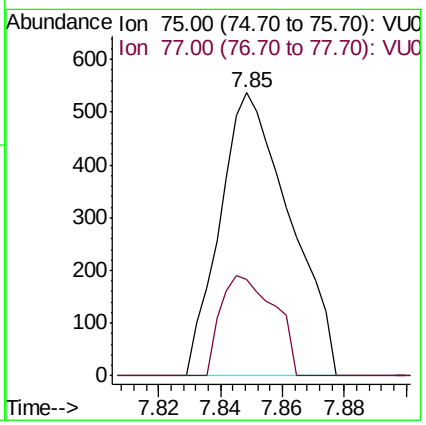


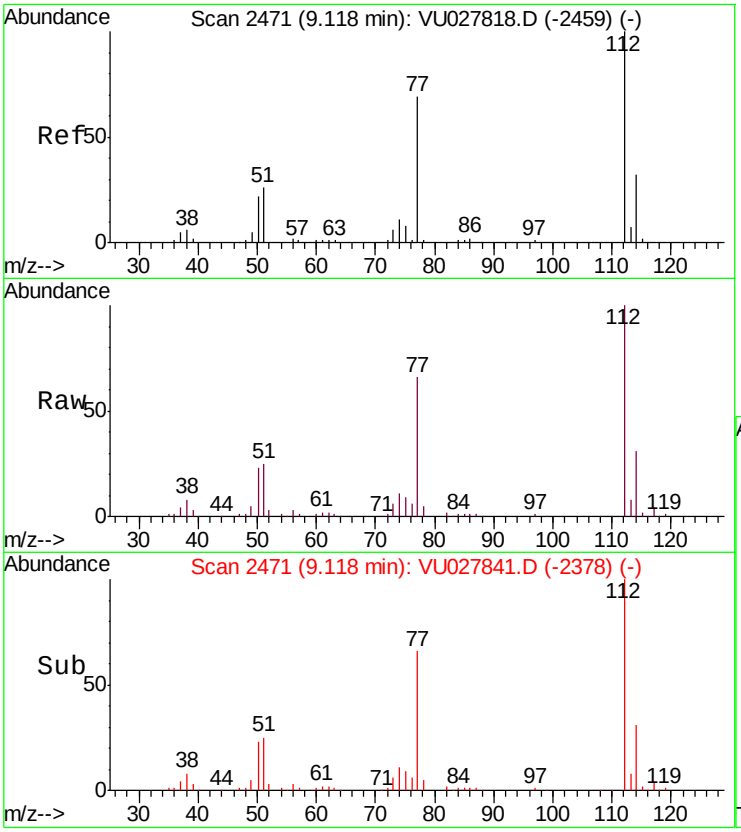


#44
trans-1,3-Dichloropropene
Concen: 0.569 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.8	42.4



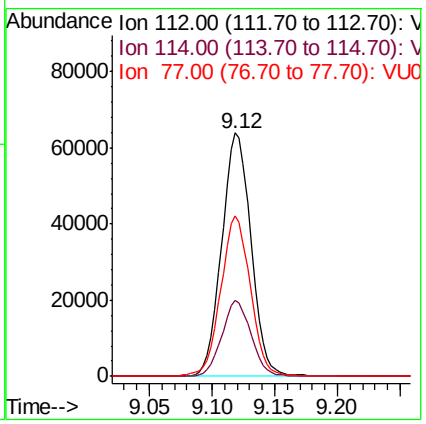


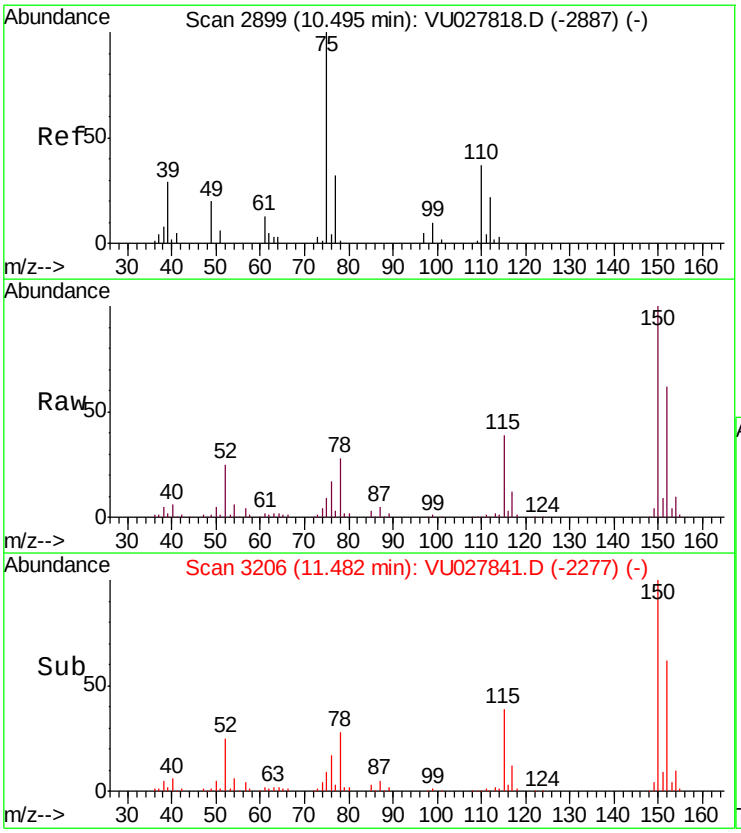
#51
Chlorobenzene
Concen: 46.826 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MS

Tgt Ion:112 Resp: 103440

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.9	40.7
77	66.0	52.2	78.2





#59
1,2,3-Trichloropropane
Concen: 5.440 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027841.D
Acq: 26 Oct 2018 18:10

Tgt Ion: 75 Resp: 6536

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.5	39.7