Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027703.D
Acq On : 18 Oct 2018 16:51
Operator : MD/SY
Sample : J5463-08 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JB9

Quant Time: Oct 19 08:15:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	77514	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	70543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	35785	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	25407	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	20402	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.28	63	34544	3.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%			
20) 2-Butanone-d5	4.20	46	81864	46.74	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.48%			
24) Chloroform-d	4.65	84	42470	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.31	65	25461	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.34	84	92843	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.33	67	31874	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.57	98	86288	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.85	79	11966	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.31	63	69840	48.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.38%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24253	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	32066	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	940	0.124	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	222	0.042	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	419	0.080	ug/L #	1
13) Acetone	2.33	43	888	0.793	ug/L	79
16) Methylene chloride	2.70	84	8088	1.414	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	61885	10.026	ug/L #	93
25) Chloroform	4.67	83	2895	0.270	ug/L	95
27) 1,2-Dichloroethane	5.34	62	460	0.068	ug/L #	72
34) Trichloroethene	6.19	95	2639576	441.725	ug/L	99
35) Methylcyclohexane	6.33	83	6790	0.659	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	3206	0.484	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	677	0.070	ug/L #	60
42) Toluene	7.64	91	11722	0.473	ug/L	93
45) 1,1,2-Trichloroethane	8.08	97	211	0.049	ug/L #	43
47) Tetrachloroethene	8.23	164	2217	0.465	ug/L	91
48) 2-Hexanone	8.38	43	1356	0.423	ug/L #	83
49) Dibromochloromethane	8.23	129	2345	0.443	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027703.D
Acq On : 18 Oct 2018 16:51
Operator : MD/SY
Sample : J5463-08 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JB9

Quant Time: Oct 19 08:15:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.26	91	939	0.034	ug/L	87
53) m,p-xylene	9.38	106	685	0.067	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	4250	1.116	ug/L	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
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Acq On : 18 Oct 2018 16:51
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Sample : J5463-08 500X
Misc : 25.0mL/MSVOA_U/WATER
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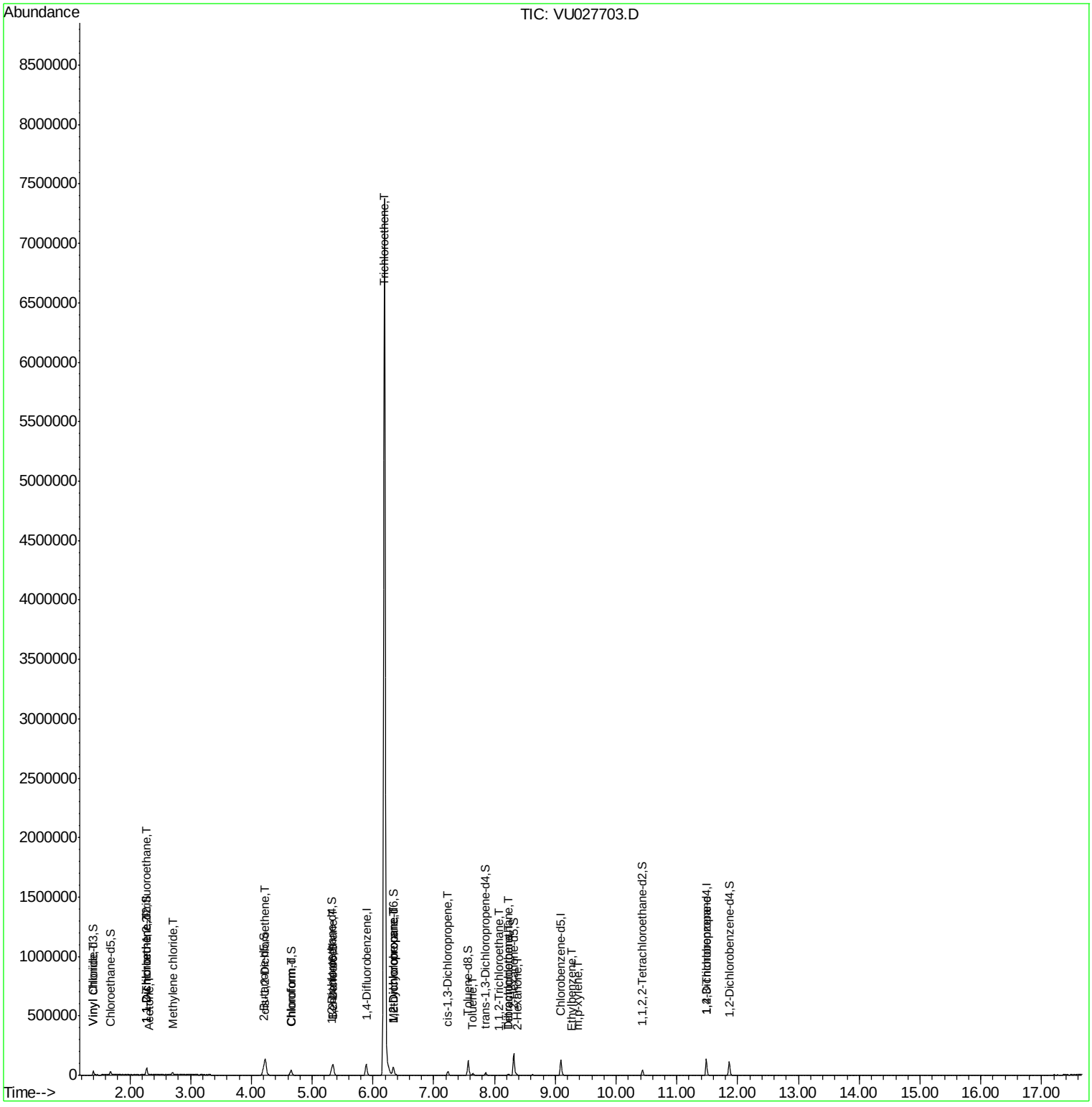
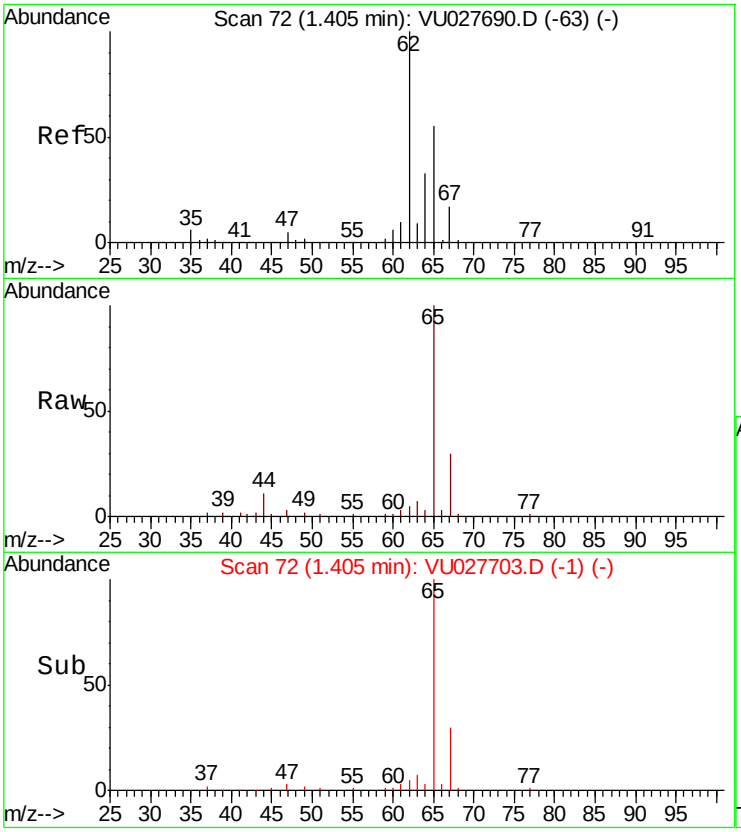
Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Quant Time: Oct 19 08:15:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration



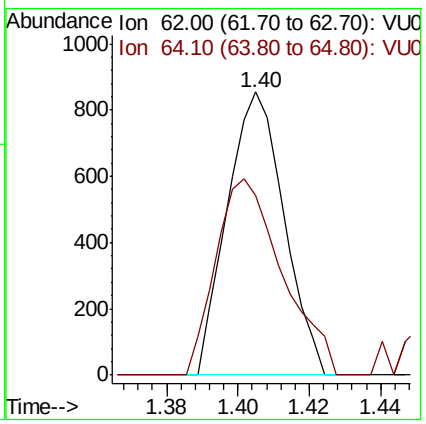


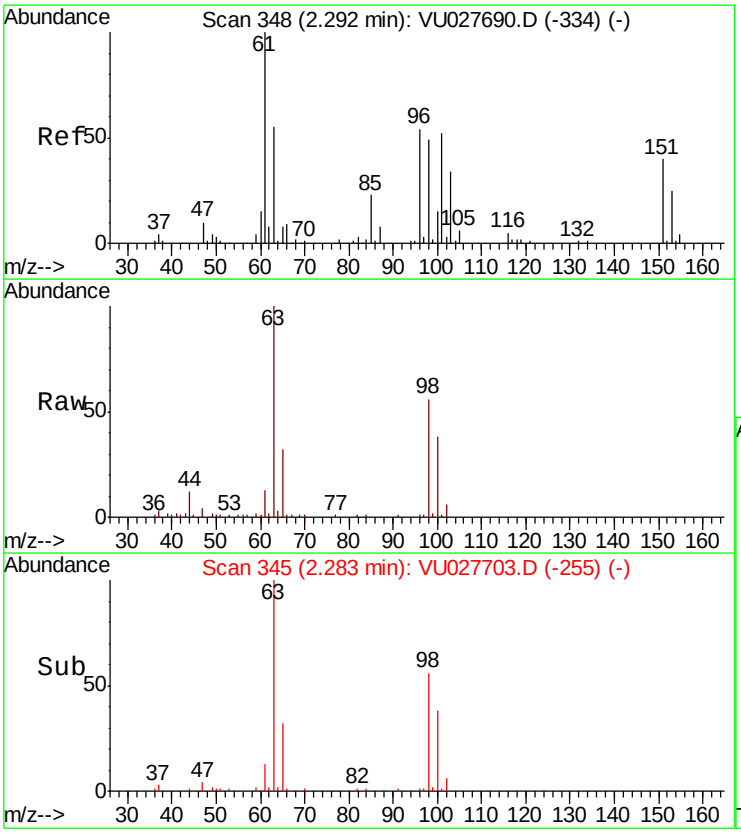
#5
Vinyl chloride
Concen: 0.124 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion: 62 Resp: 940

Ion	Ratio	Lower	Upper
62	100		
64	63.5	22.9	42.5#

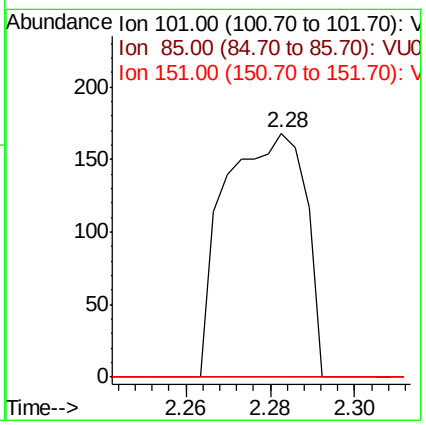


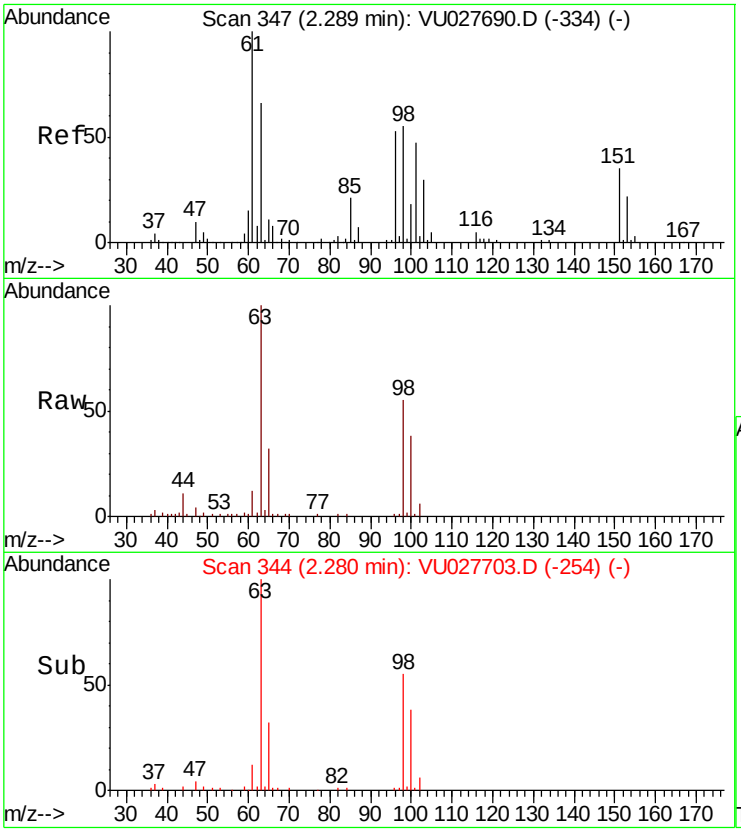


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.042 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion:101 Resp: 222

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	63.8	95.6#



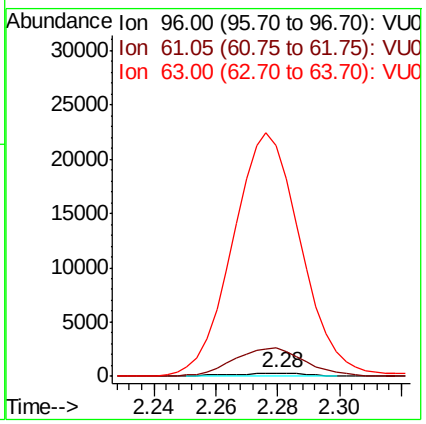


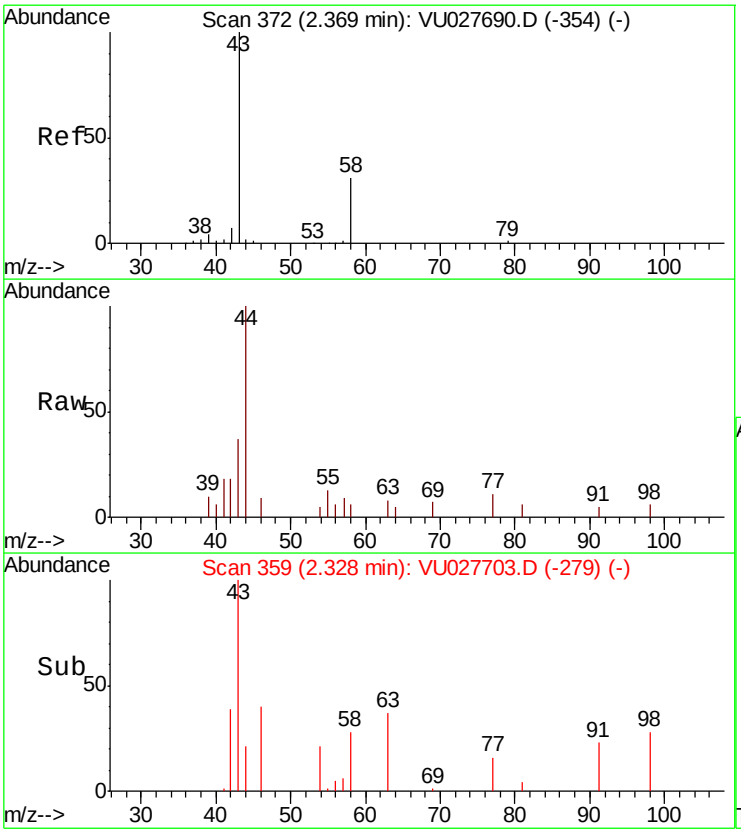
#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion: 96 Resp: 419

Ion	Ratio	Lower	Upper
96	100		
61	952.0	125.6	233.2#
63	7849.4	97.6	181.2#

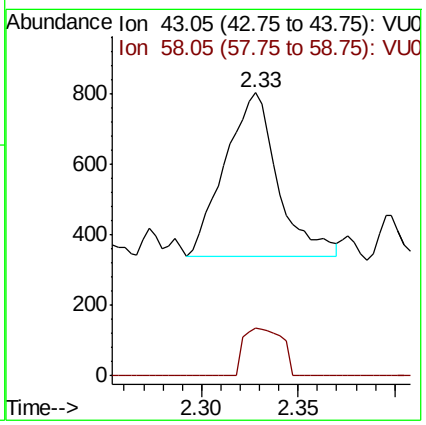


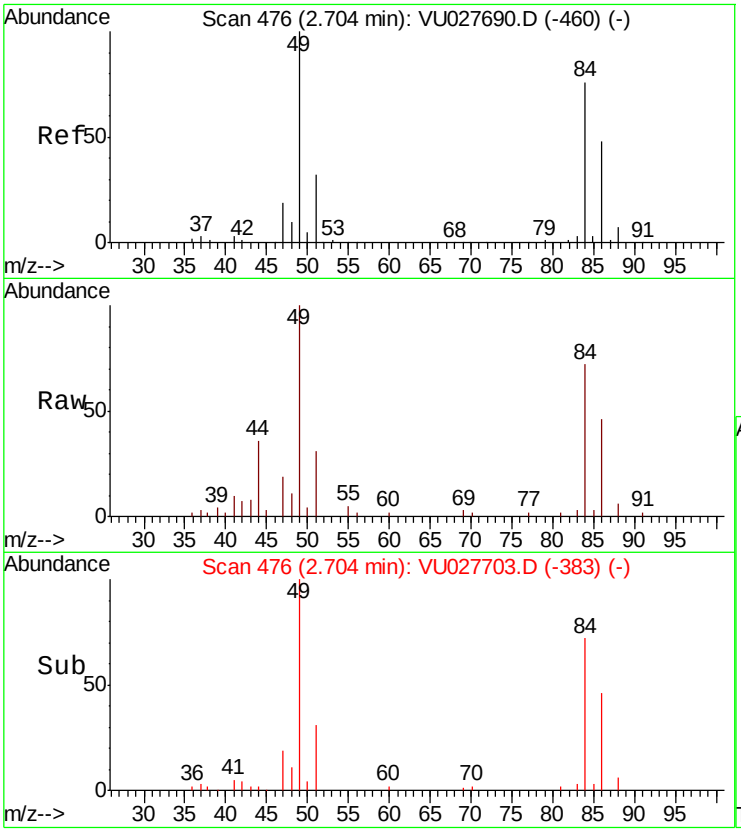


#13
Acetone
Concen: 0.793 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.04 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 43 Resp: 888

Ion	Ratio	Lower	Upper
43	100		
58	21.1	0.0	66.4



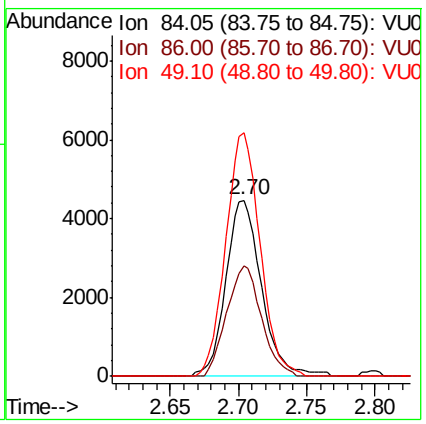


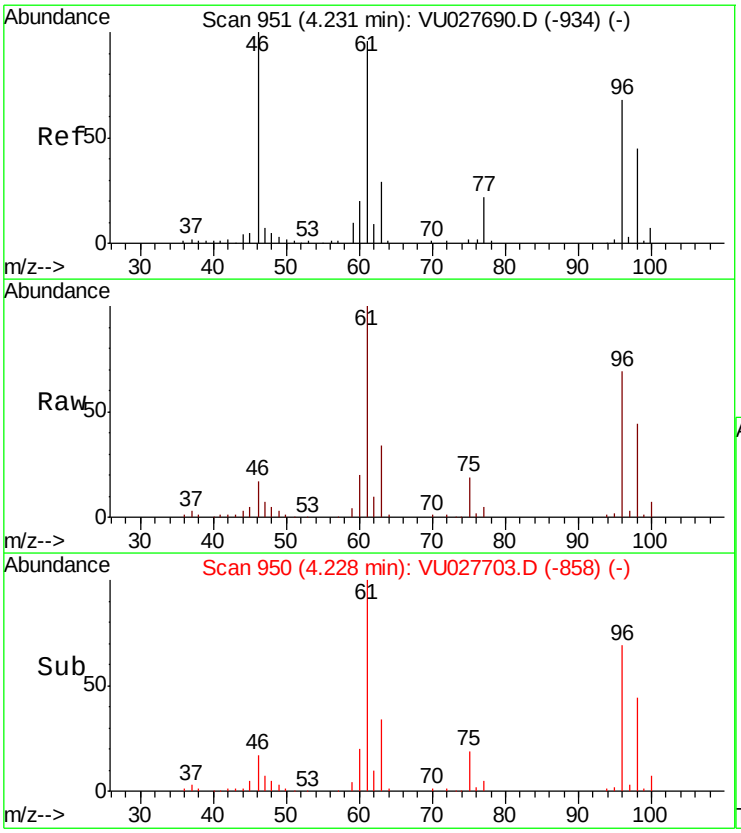
#16
Methylene chloride
Concen: 1.414 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument : MSVOA_U
ClientSampleId : C0JB9

Tgt Ion: 84 Resp: 8088

Ion	Ratio	Lower	Upper
84	100		
86	63.0	46.1	85.7
49	138.4	96.9	179.9

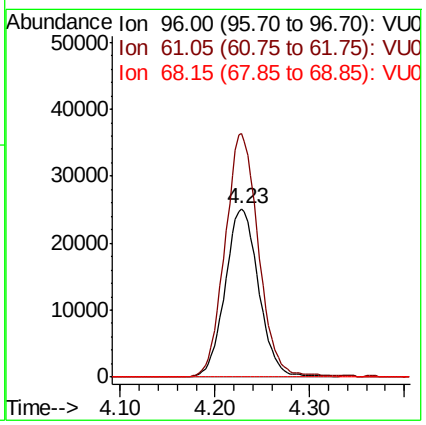


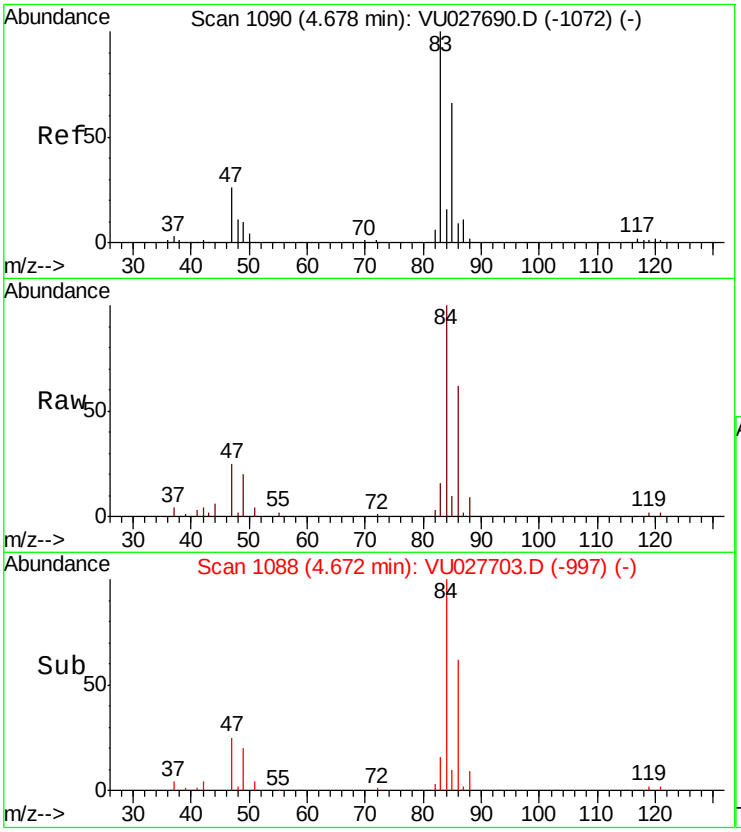


#22
cis-1,2-Dichloroethene
Concen: 10.026 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 96 Resp: 61885

Ion	Ratio	Lower	Upper
96	100		
61	144.6	95.3	176.9
68	0.0	1.1	2.1#



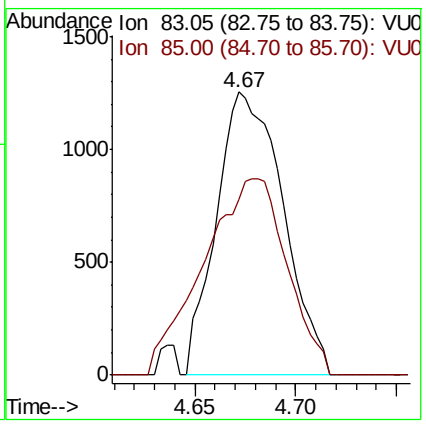


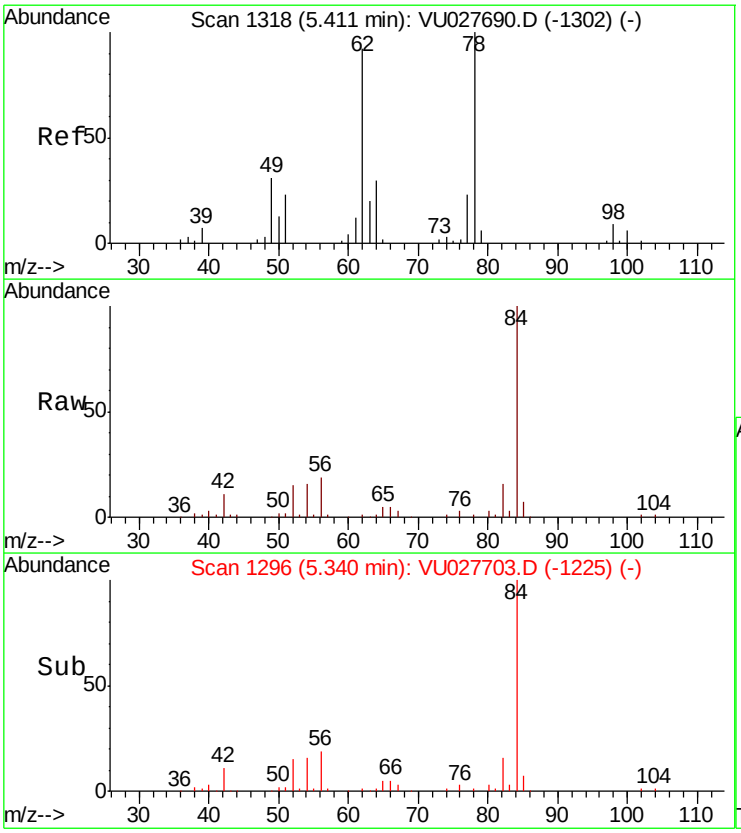
#25
Chloroform
Concen: 0.270 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion: 83 Resp: 2895

Ion	Ratio	Lower	Upper
83	100		
85	62.0	46.1	85.7

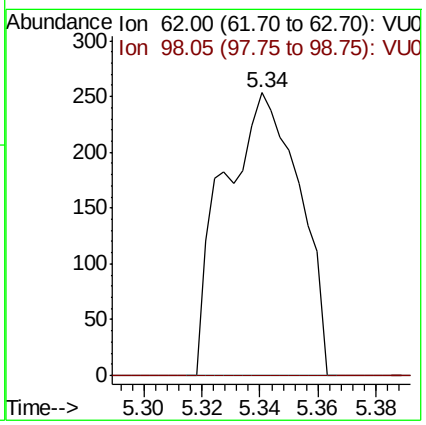


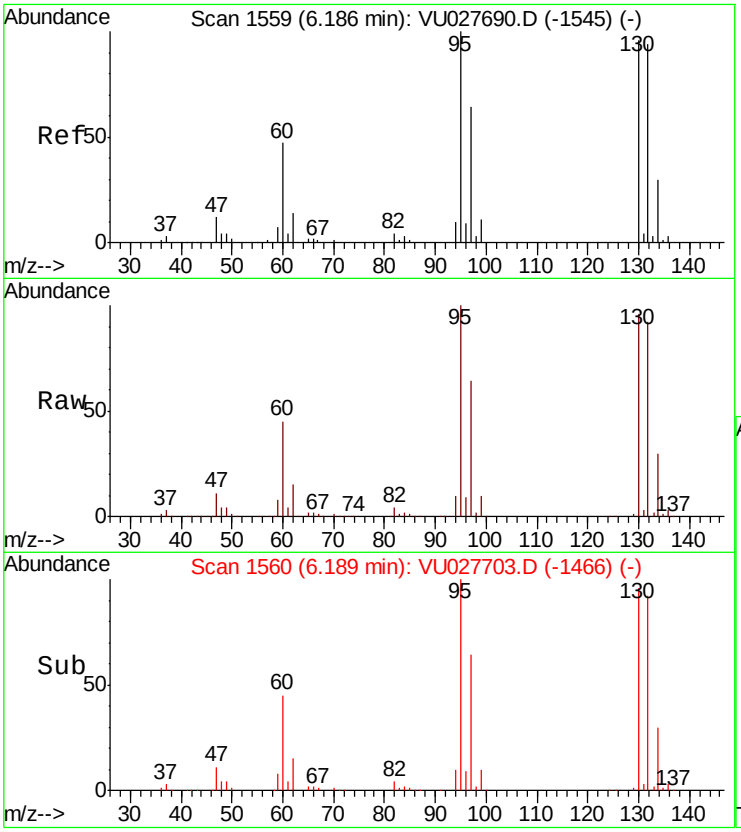


#27
1,2-Dichloroethane
Concen: 0.068 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.07 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 62 Resp: 460

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#



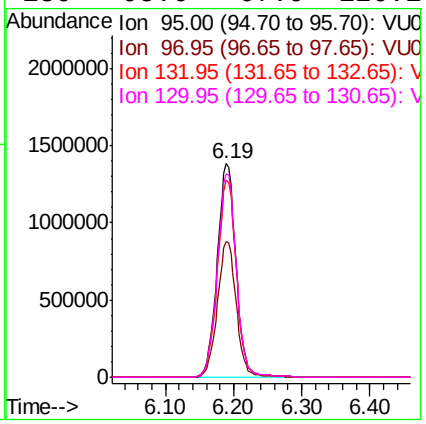


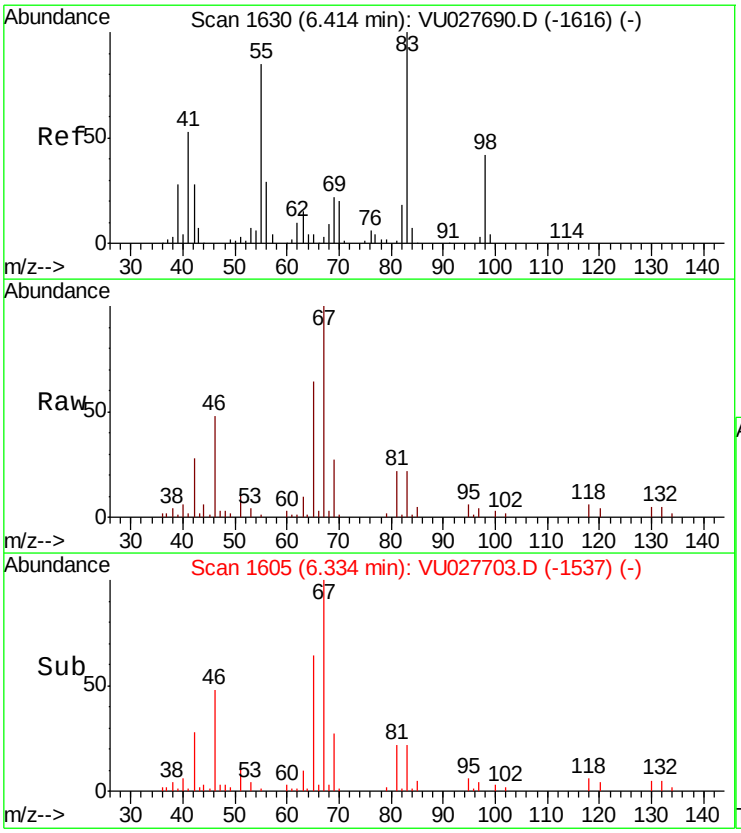
#34
Trichloroethene
Concen: 441.725 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion: 95 Resp: 2639576

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	83.1
132	92.3	65.9	122.5
130	95.6	67.9	126.1

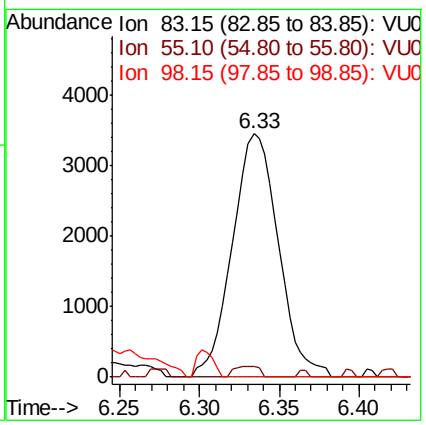


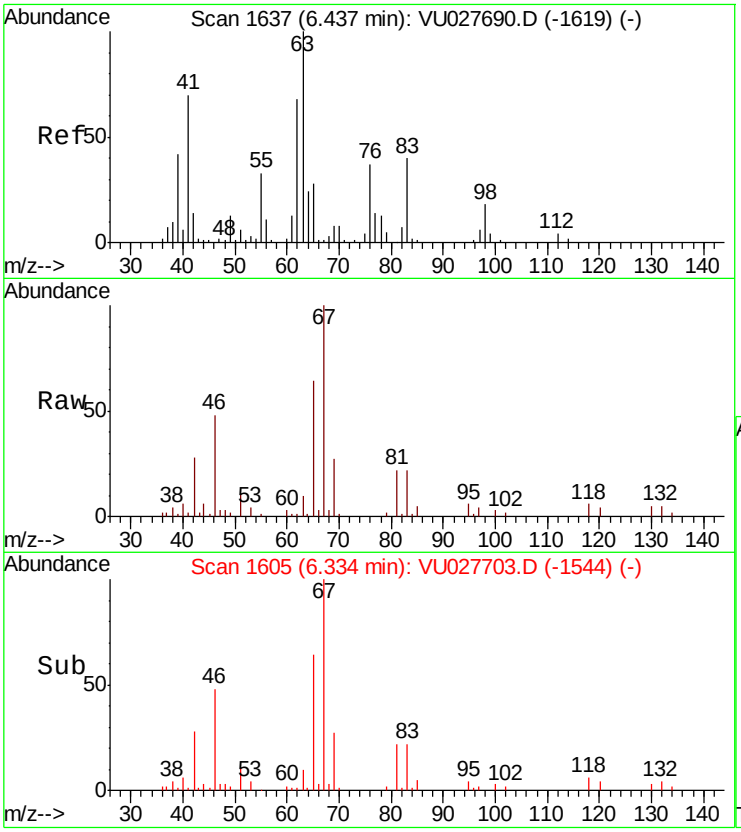


#35
Methylcyclohexane
Concen: 0.659 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 83 Resp: 6790

Ion	Ratio	Lower	Upper
83	100		
55	2.3	69.0	103.4#
98	0.0	35.4	53.2#



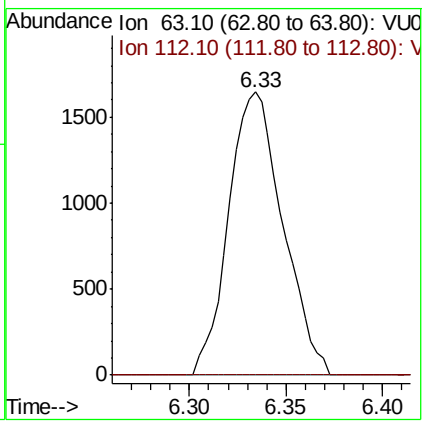


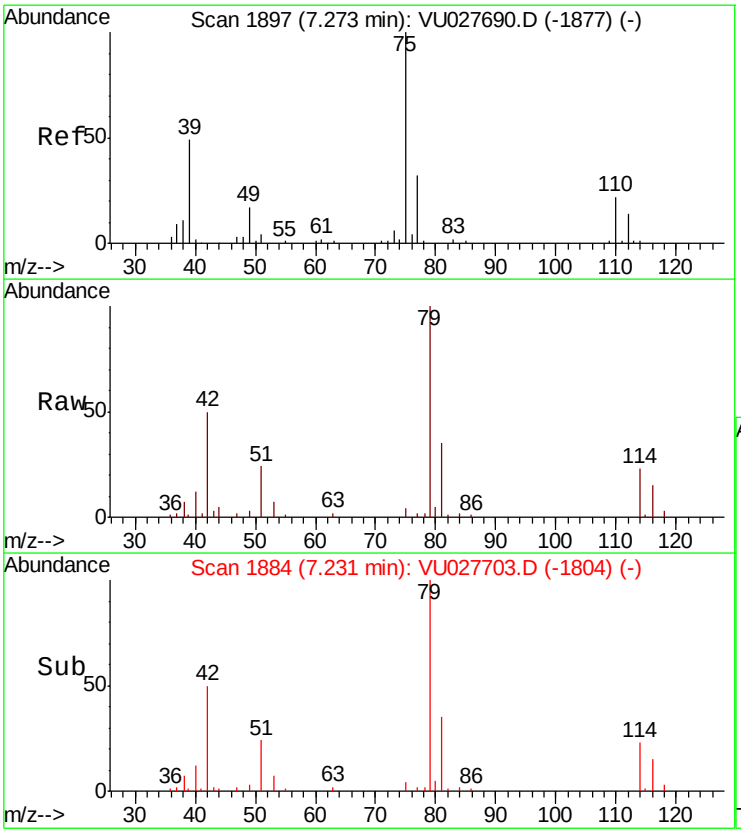
#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument : MSVOA_U
ClientSampleId : C0JB9

Tgt Ion: 63 Resp: 3206

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#

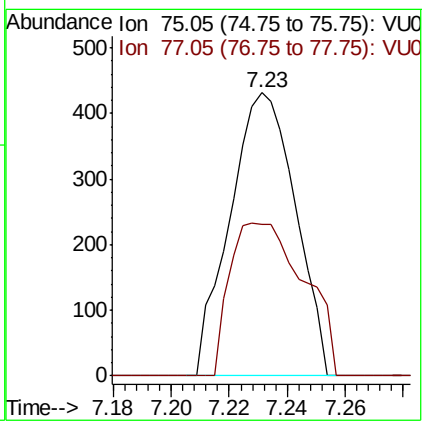


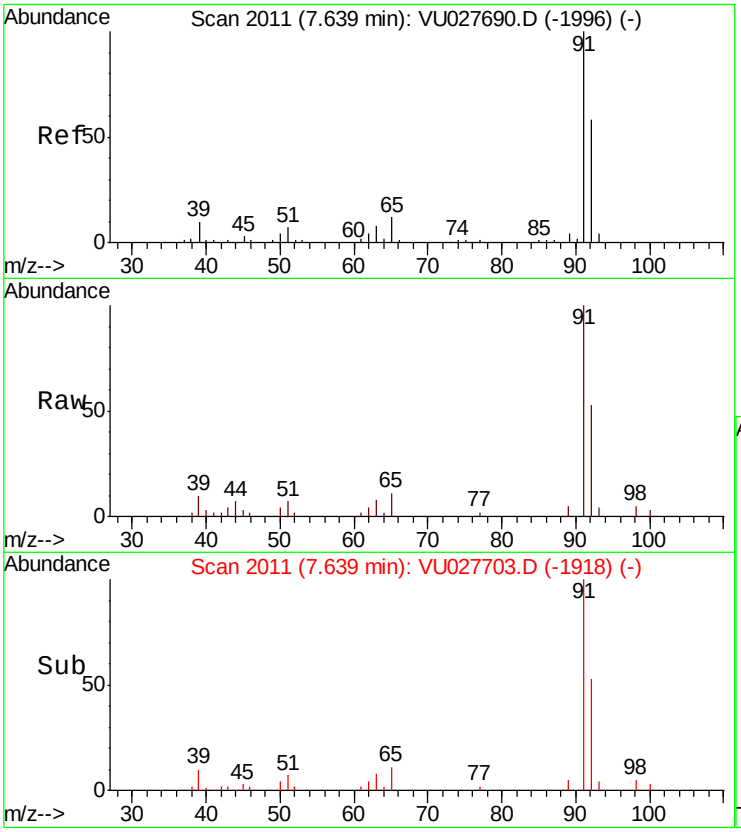


#39
cis-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 75 Resp: 677

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.2	41.2#



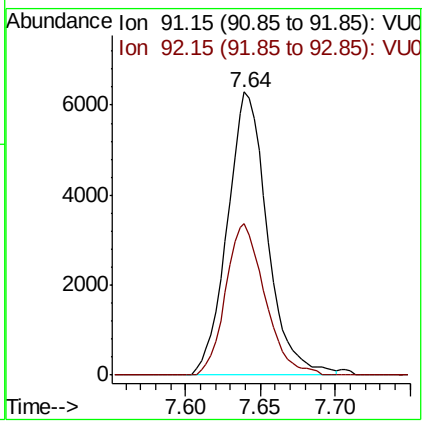


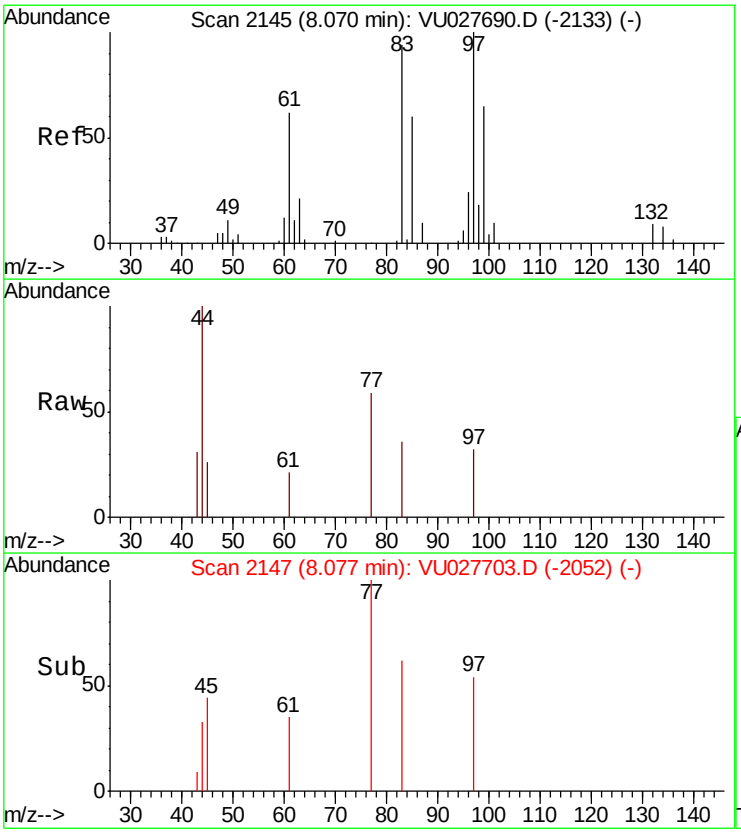
#42
Toluene
Concen: 0.473 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion: 91 Resp: 11722

Ion	Ratio	Lower	Upper
91	100		
92	53.4	41.1	76.3

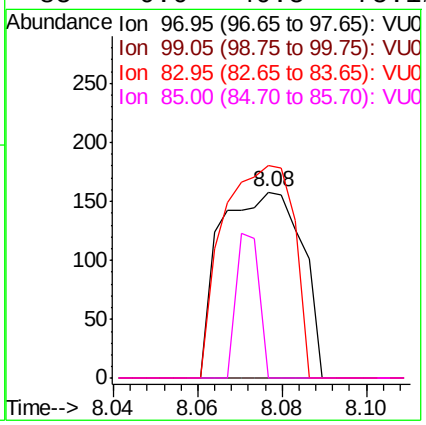


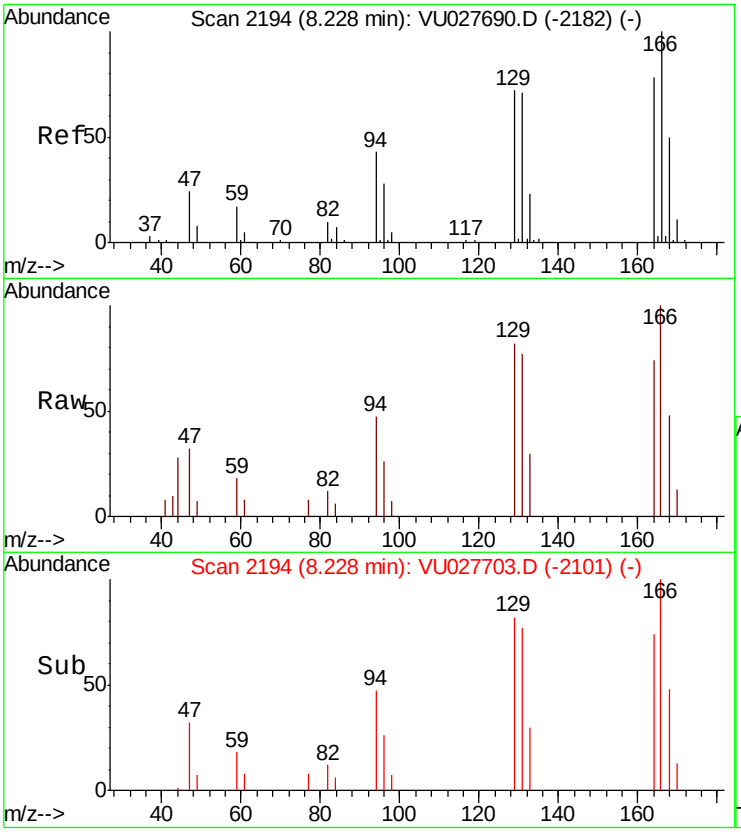


#45
1,1,2-Trichloroethane
Concen: 0.049 ug/L
RT: 8.08 min Scan# 2147
Delta R.T. 0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 97 Resp: 211

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.5	80.7#
83	114.6	62.0	115.2
85	0.0	40.5	75.1#



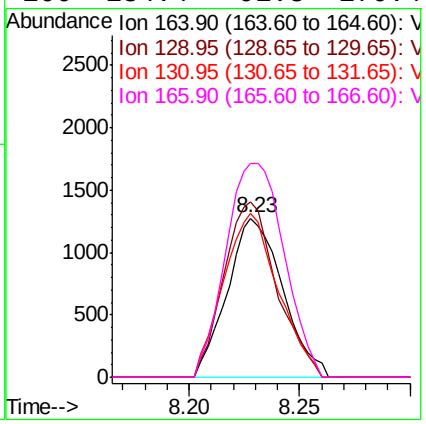


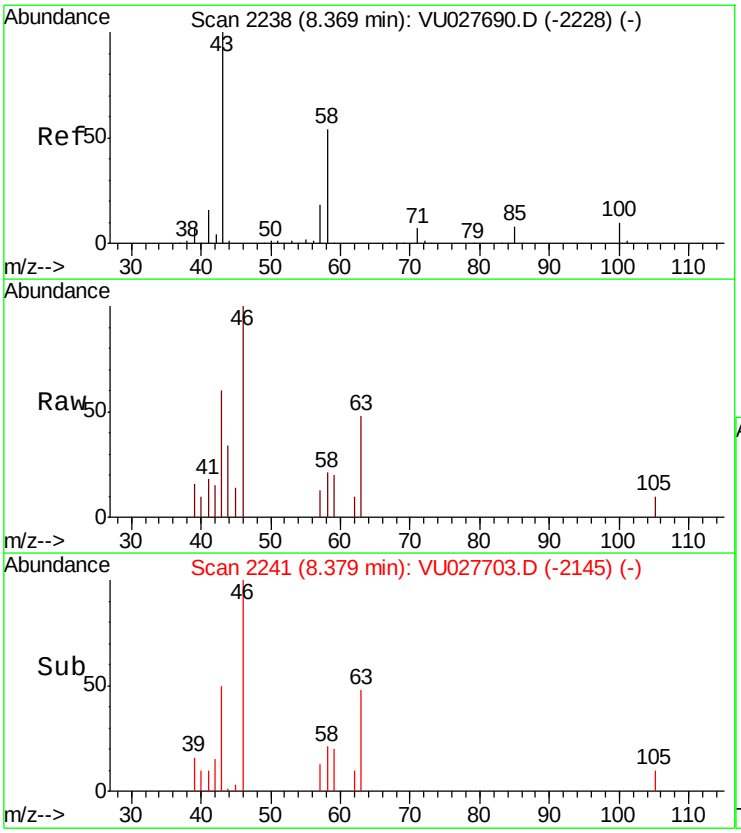
#47
Tetrachloroethene
Concen: 0.465 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument : MSVOA_U
ClientSampleId : C0JB9

Tgt Ion:164 Resp: 2217

Ion	Ratio	Lower	Upper
164	100		
129	110.6	67.3	124.9
131	102.8	64.8	120.3
166	134.4	91.8	170.4

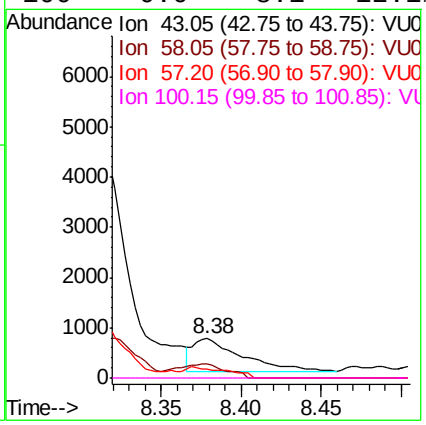


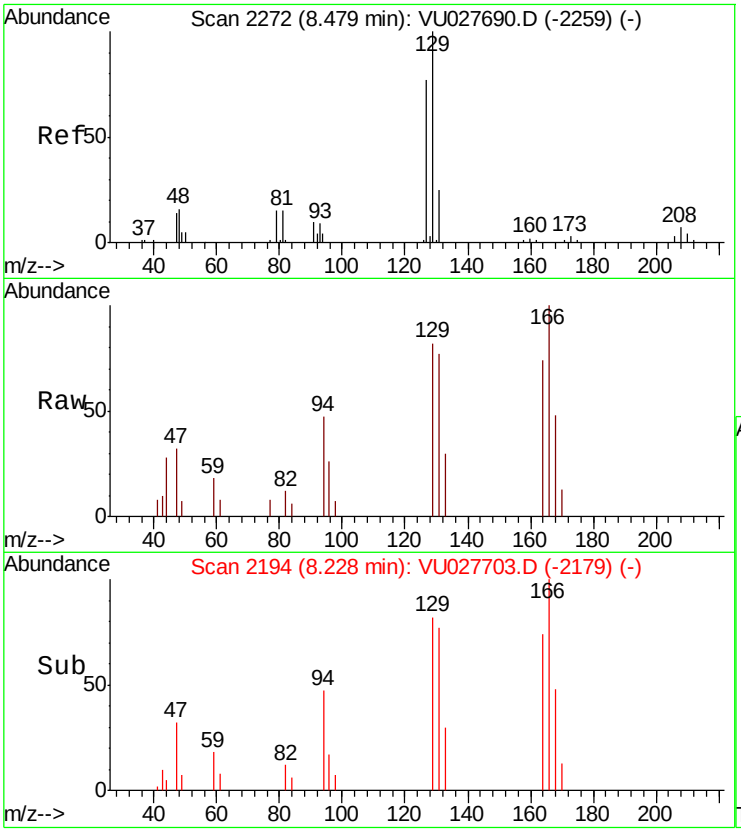


#48
2-Hexanone
Concen: 0.423 ug/L
RT: 8.38 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 43 Resp: 1356

Ion	Ratio	Lower	Upper
43	100		
58	43.9	42.7	64.1
57	28.4	14.5	21.7#
100	0.0	8.1	12.1#



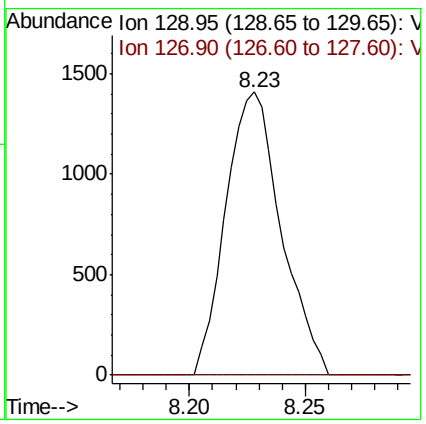


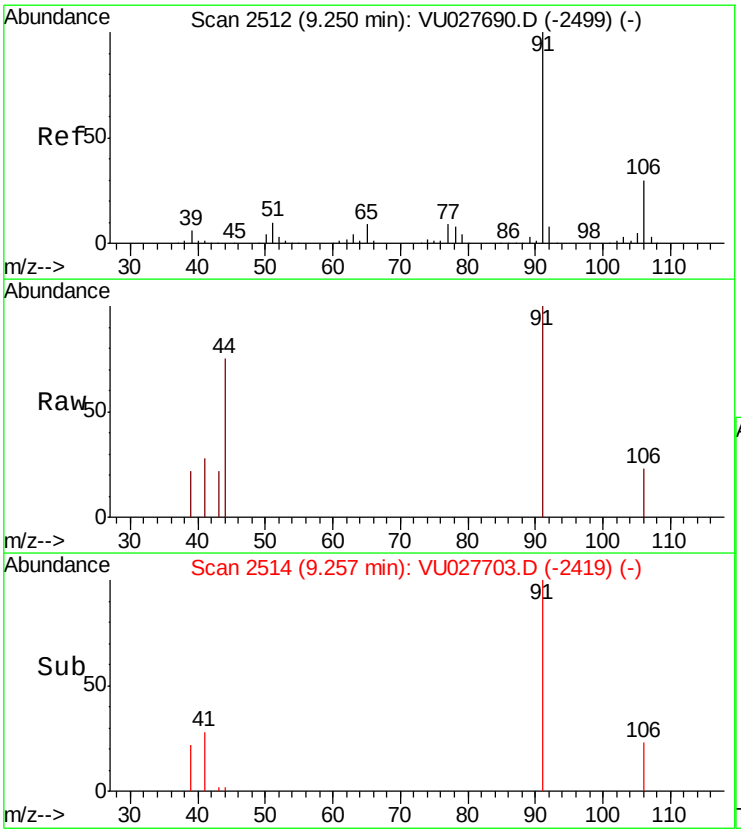
#49
Dibromochloromethane
Concen: 0.443 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion:129 Resp: 2345

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

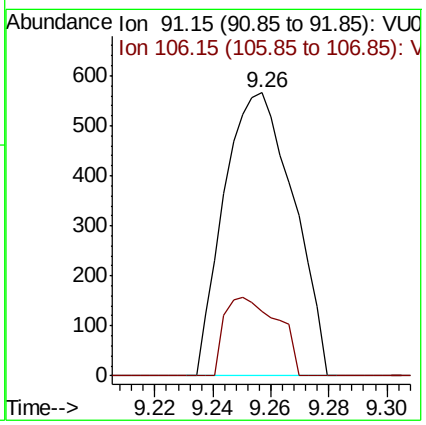


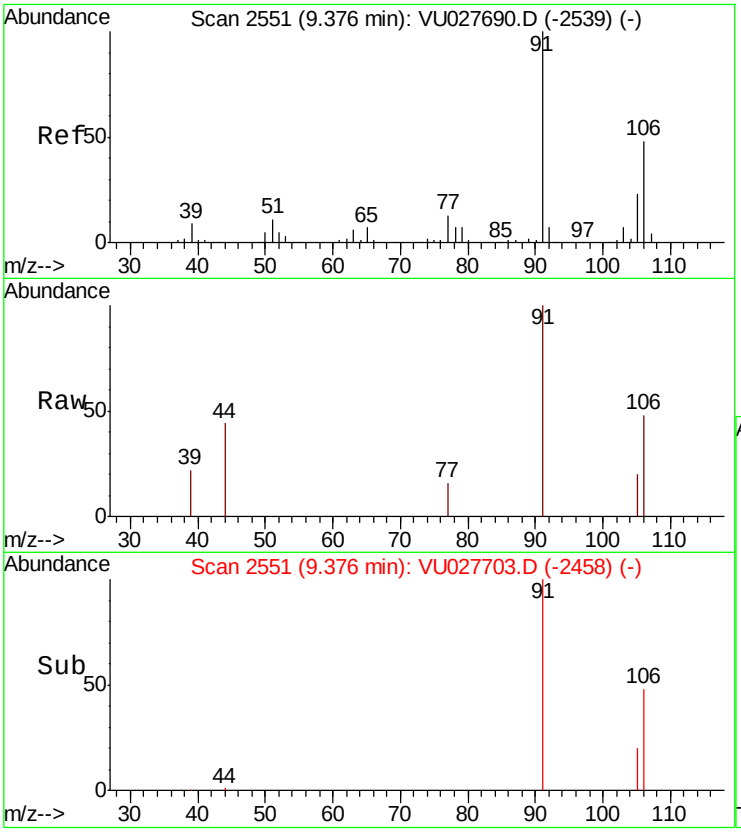


#52
Ethylbenzene
Concen: 0.034 ug/L
RT: 9.26 min Scan# 2514
Delta R.T. 0.01 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 91 Resp: 939

Ion	Ratio	Lower	Upper
91	100		
106	22.6	20.9	38.9



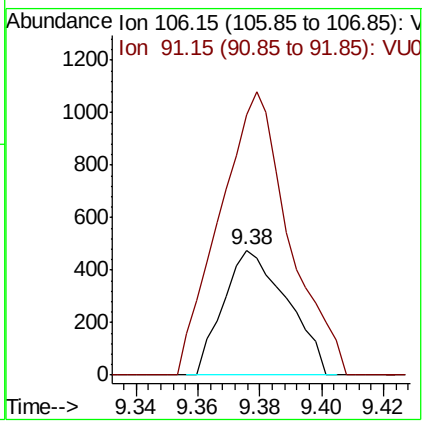


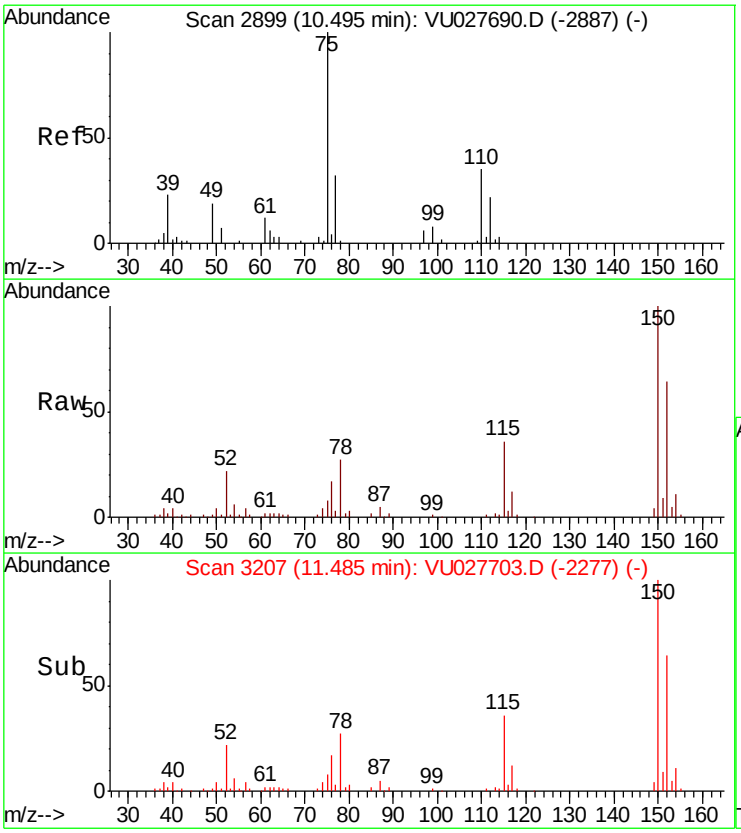
#53
m,p-xylene
Concen: 0.067 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
C0JB9

Tgt Ion:106 Resp: 685

Ion	Ratio	Lower	Upper
106	100		
91	208.2	146.8	272.6





#59
1,2,3-Trichloropropane
Concen: 1.116 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027703.D
Acq: 18 Oct 2018 16:51

Tgt Ion: 75 Resp: 4250

Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.9	40.3