Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028770.D
Acq On : 18 Dec 2018 15:16
Operator : MD/SY
Sample : J6441-04
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE8B7

Quant Time: Dec 19 00:42:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111236	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	80118	41.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.10%			
7) Chloroethane-d5	1.64	69	46691	32.30	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.60%#			
11) 1,1-Dichloroethene-d2	2.23	63	100313	29.50	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.00%#			
21) 2-Butanone-d5	4.19	46	118217	76.34	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.34%			
24) Chloroform-d	4.64	84	122826	40.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.48%			
26) 1,2-Dichloroethane-d4	5.30	65	79055	39.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.58%			
32) Benzene-d6	5.33	84	274675	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.10%			
36) 1,2-Dichloropropane-d6	6.33	67	95496	41.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.38%			
41) Toluene-d8	7.56	98	252156	42.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.68%			
43) trans-1,3-Dichloropropene-	7.85	79	43116	40.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.32%			
47) 2-Hexanone-d5	8.32	63	104444	93.02	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.02%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	145818	48.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	113417	50.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.50%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2892	1.094	ug/L	92
6) Bromomethane	1.60	94	406	0.591	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	987	0.688	ug/L #	21
12) 1,1-Dichloroethene	2.23	96	820	0.603	ug/L #	1
13) Acetone	2.34	43	1131	0.653	ug/L	93
15) Methyl Acetate	2.63	43	3900	1.616	ug/L #	71
33) Benzene	5.38	78	25366	3.444	ug/L	100
37) 1,2-Dichloropropane	6.32	63	9073	4.121	ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2194	0.702	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1584	0.550	ug/L	94
51) Chlorobenzene	9.12	112	5687	1.262	ug/L	95
52) Ethylbenzene	9.25	91	19664	2.374	ug/L	98
53) m,p-Xylene	9.38	106	10208	3.404	ug/L	92
54) o-xylene	9.78	106	50585	17.181	ug/L	100
55) Styrene	9.78	104	2933	0.587	ug/L #	1
56) Isopropylbenzene	10.17	105	826567	107.699	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	2255	0.712	ug/L #	55

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028770.D
Acq On : 18 Dec 2018 15:16
Operator : MD/SY
Sample : J6441-04
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE8B7

Quant Time: Dec 19 00:42:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 1,2,3-Trichloropropane	10.59	75	18850	7.578	ug/L	#	1
66) 1,2-Dibromo-3-chloropropan	12.55	75	1102	1.476	ug/L	#	25
69) Naphthalene	13.75	128	29144	3.395	ug/L		99

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

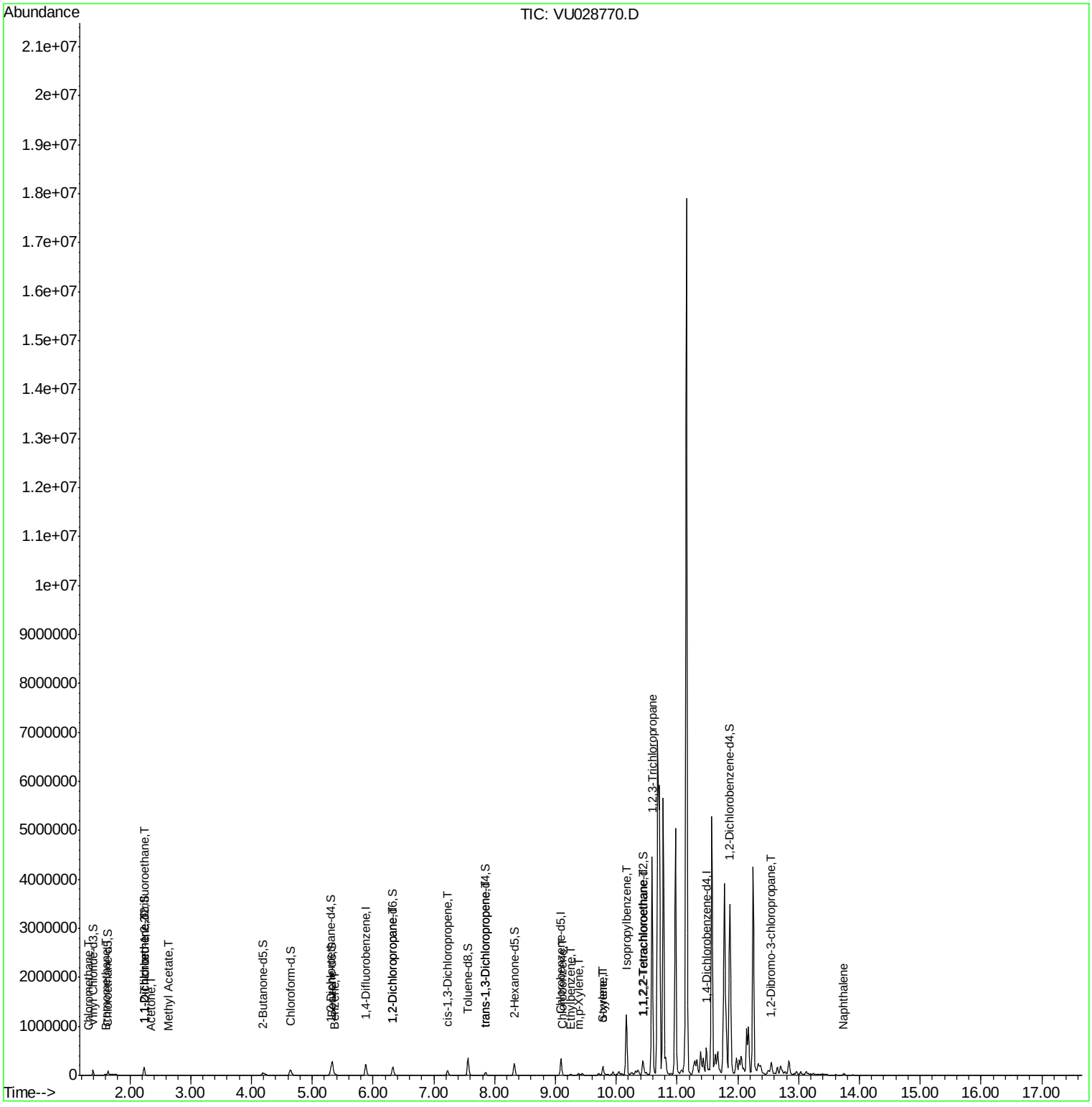
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

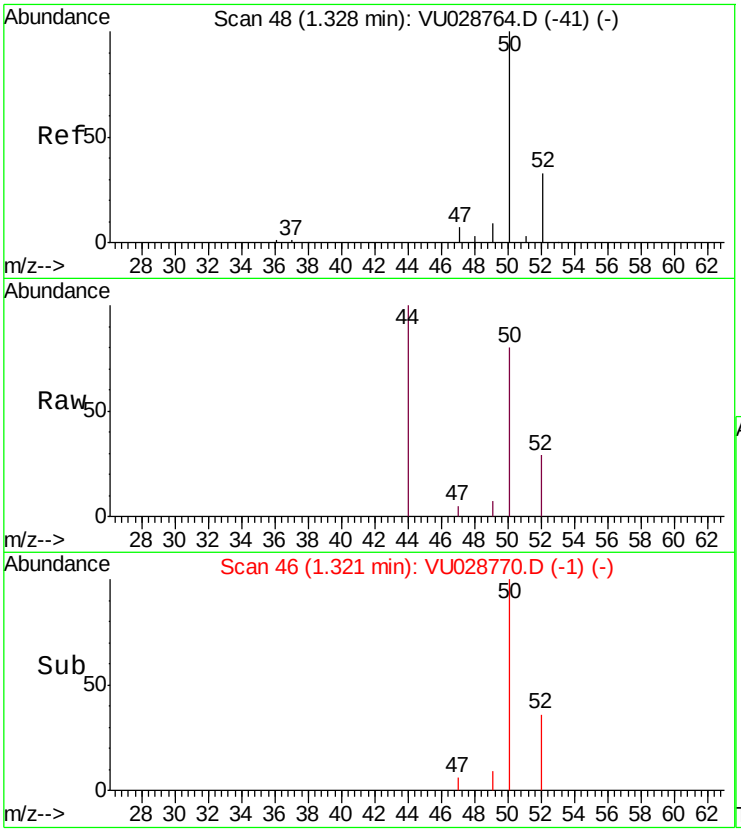
Quantitation Report (Not Reviewed)

Data File : VU028770.D
Acq On : 18 Dec 2018 15:16
Operator : MD/SY
Sample : J6441-04
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Quant Time: Dec 19 00:42:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration



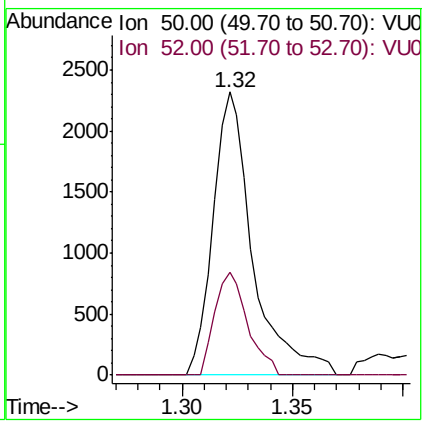


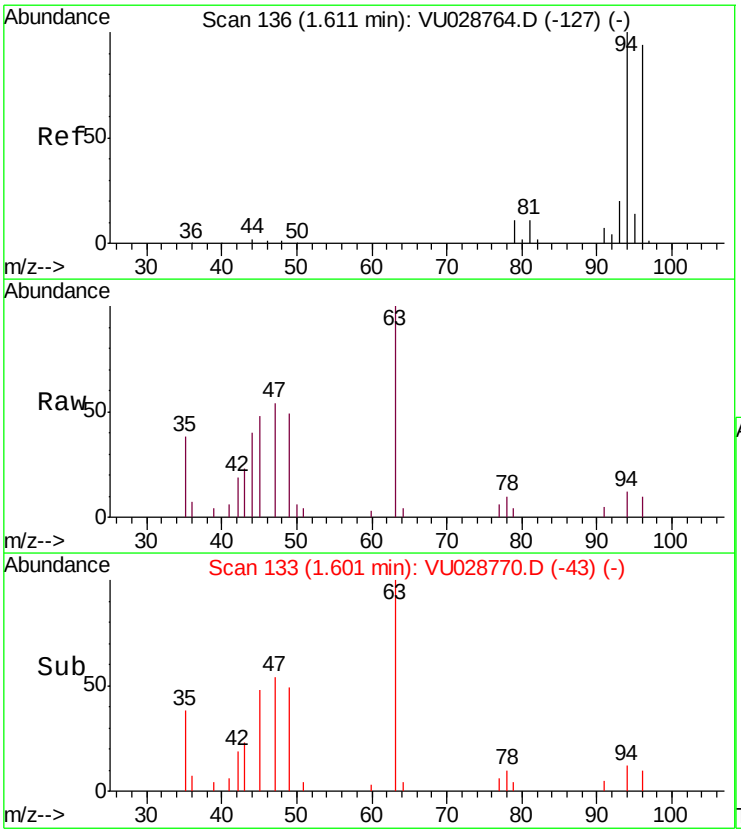
#3
Chloromethane
Concen: 1.094 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion: 50 Resp: 2892

Ion	Ratio	Lower	Upper
50	100		
52	36.2	22.0	41.0

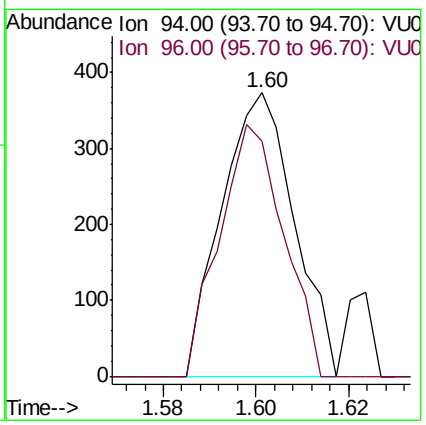


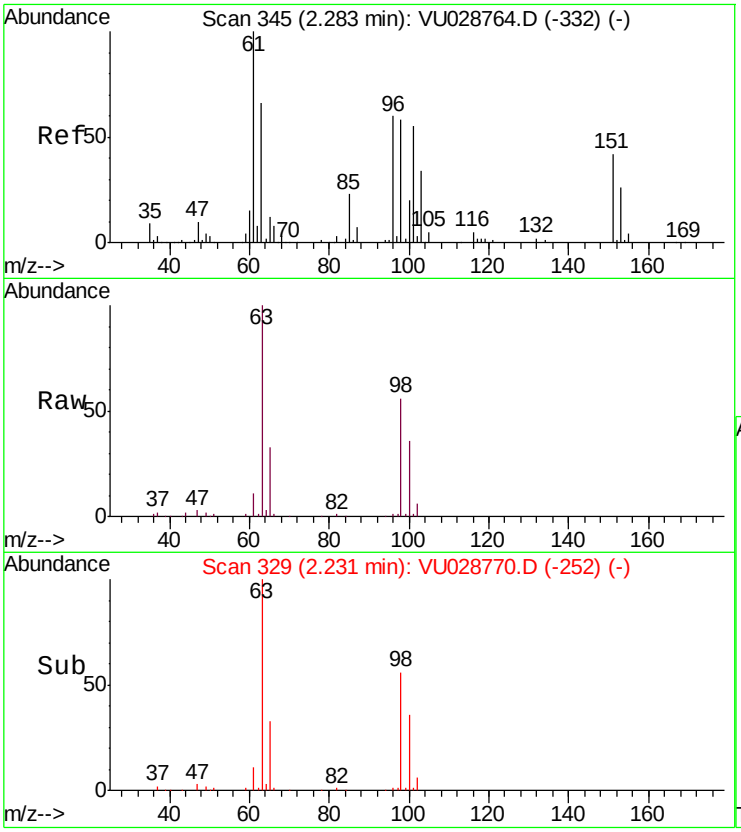


#6
Bromomethane
Concen: 0.591 ug/L
RT: 1.60 min Scan# 133
Delta R.T. -0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 94 Resp: 406

Ion	Ratio	Lower	Upper
94	100		
96	83.1	62.9	116.9



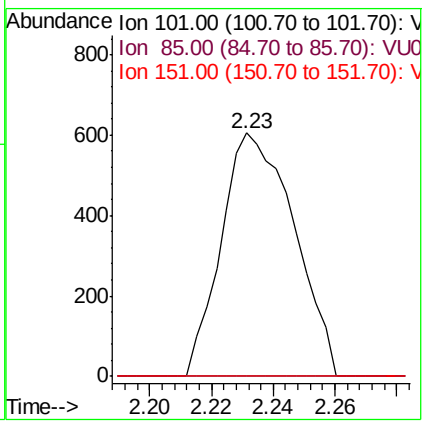


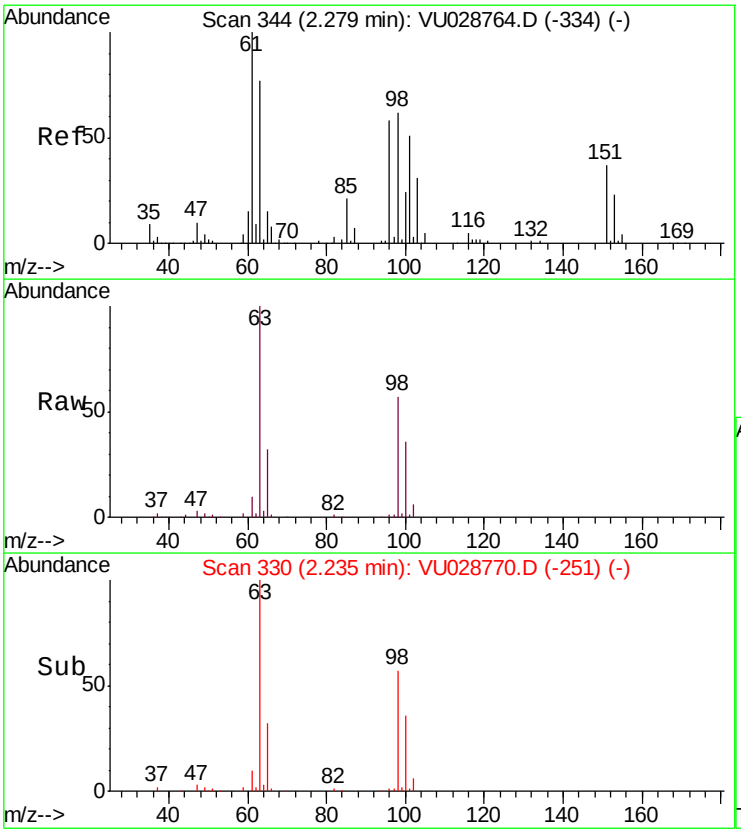
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.23 min Scan# 329
Delta R.T. -0.05 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument : MSVOA_U
ClientSampleId : BE8B7

Tgt Ion:101 Resp: 987

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	55.8	83.8#

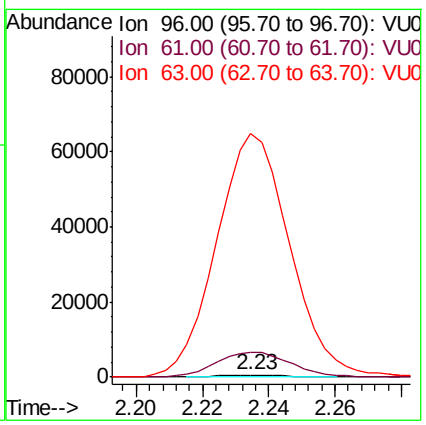


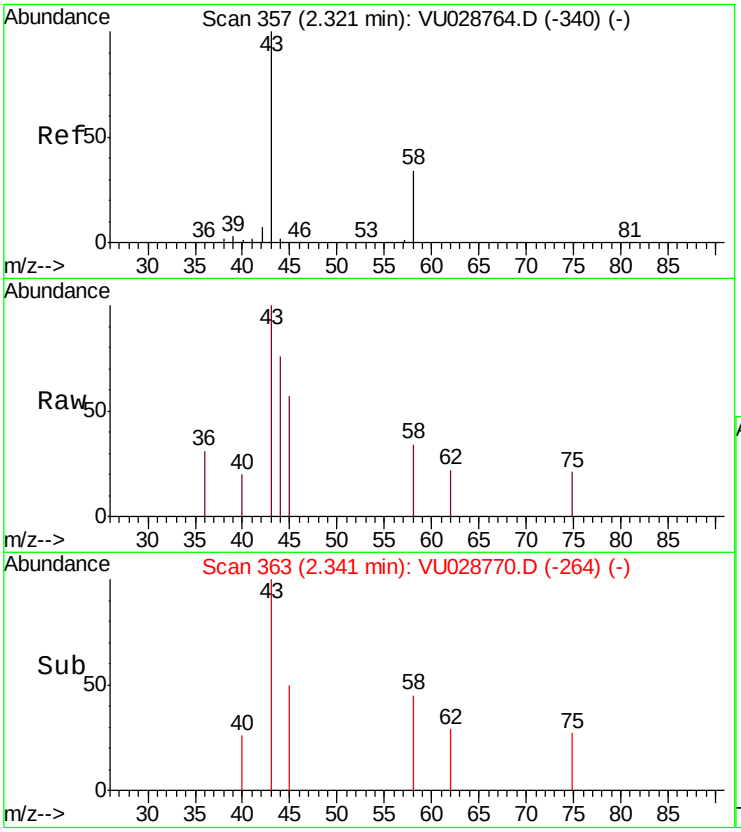


#12
1,1-Dichloroethene
Concen: 0.603 ug/L
RT: 2.23 min Scan# 330
Delta R.T. -0.04 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 96 Resp: 820

Ion	Ratio	Lower	Upper
96	100		
61	1161.6	143.2	266.0#
63	11164.2	130.1	241.7#



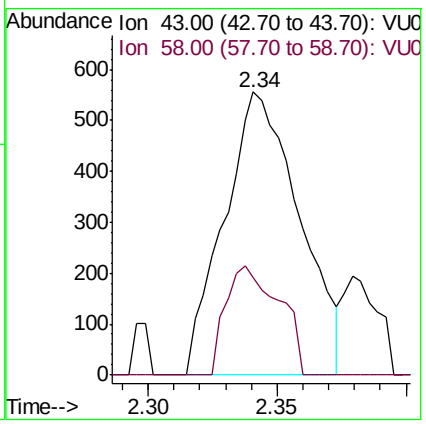


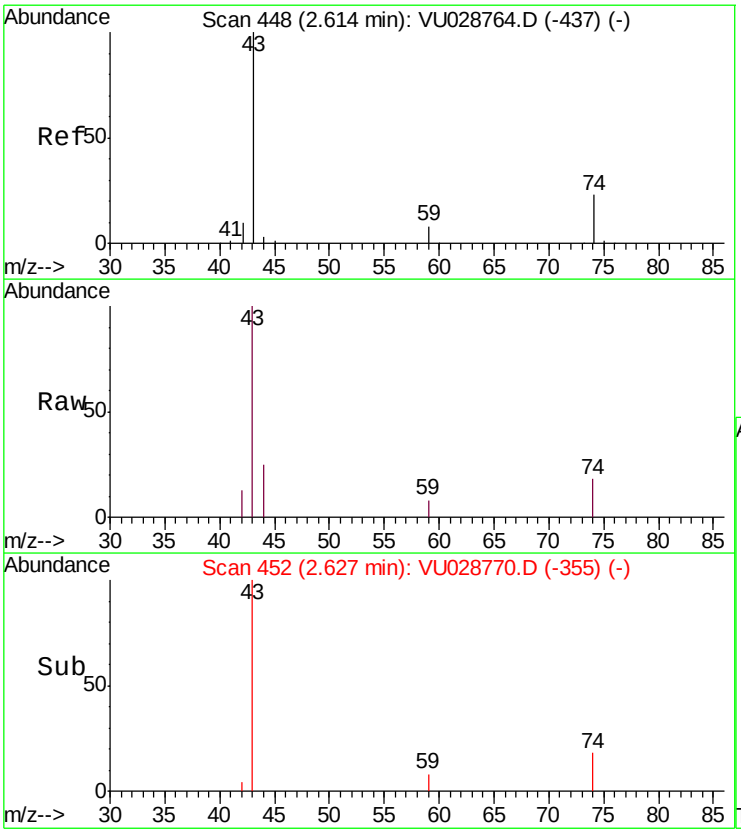
#13
Acetone
Concen: 0.653 ug/L
RT: 2.34 min Scan# 363
Delta R.T. 0.02 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument : MSVOA_U
ClientSampleId : BE8B7

Tgt Ion: 43 Resp: 1131

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	62.0

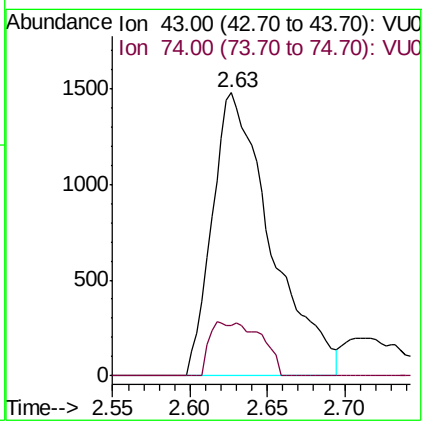


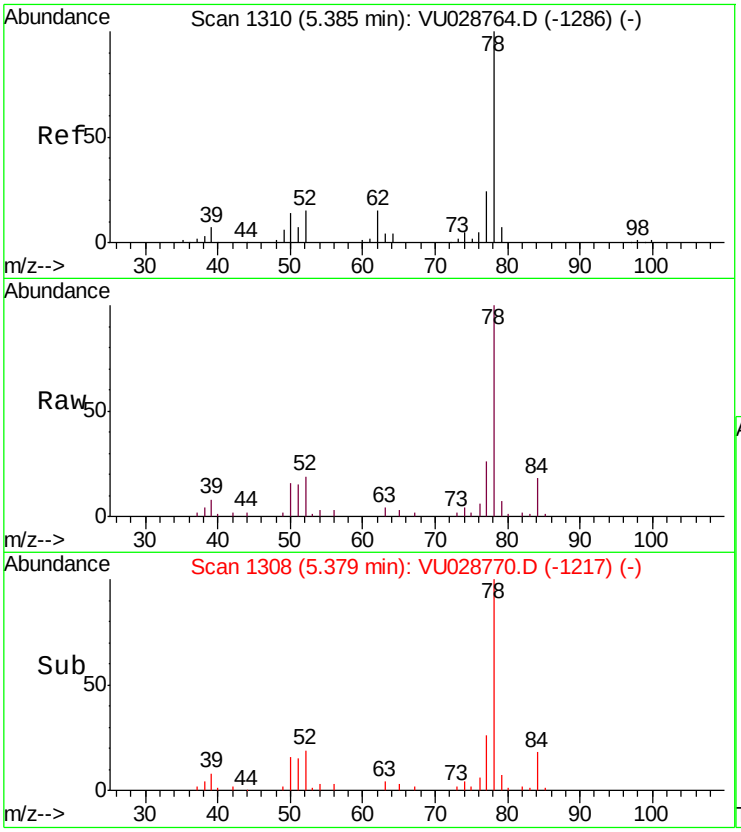


#15
Methyl Acetate
Concen: 1.616 ug/L
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 43 Resp: 3900

Ion	Ratio	Lower	Upper
43	100		
74	6.0	15.4	23.0#

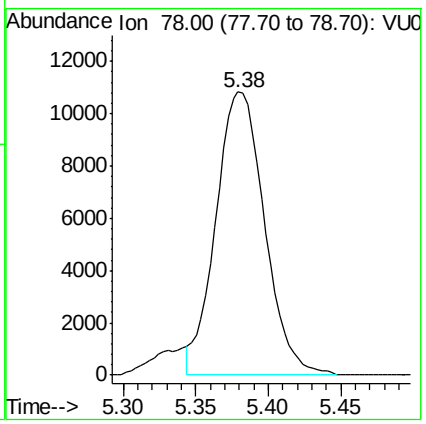


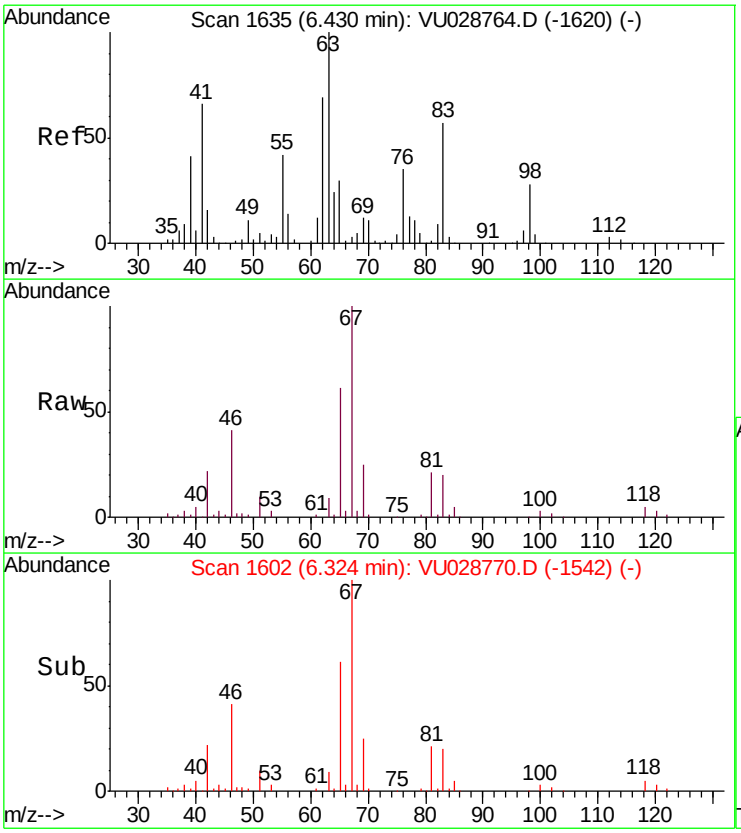


#33
Benzene
Concen: 3.444 ug/L
RT: 5.38 min Scan# 1308
Delta R.T. -0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion: 78 Resp: 25366

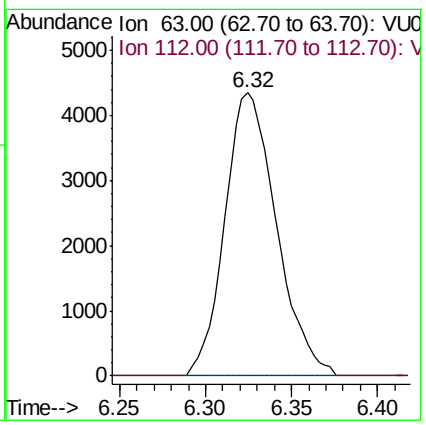


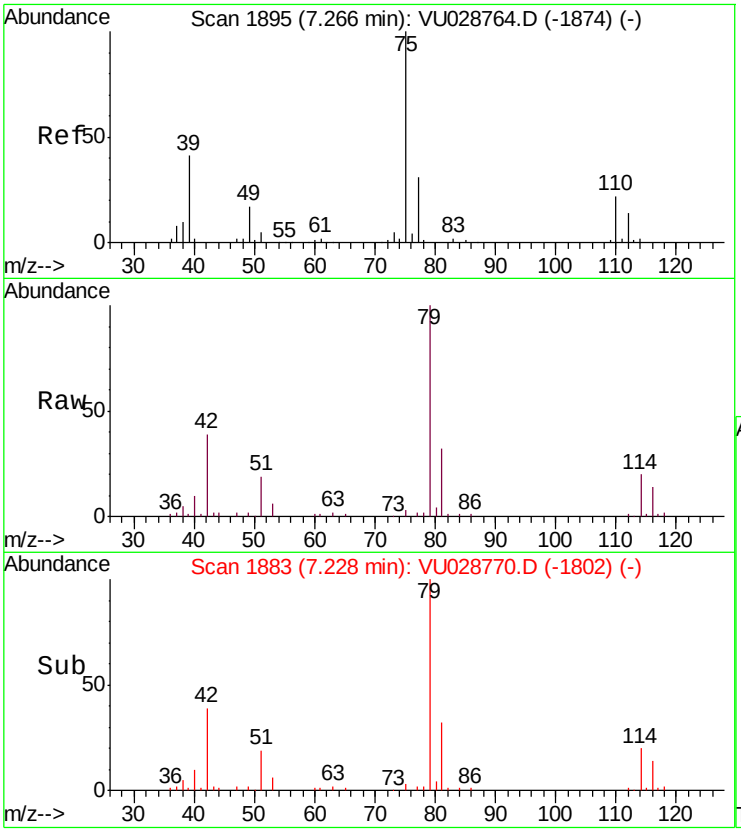


#37
1,2-Dichloropropane
Concen: 4.121 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 63 Resp: 9073

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.4	3.6#



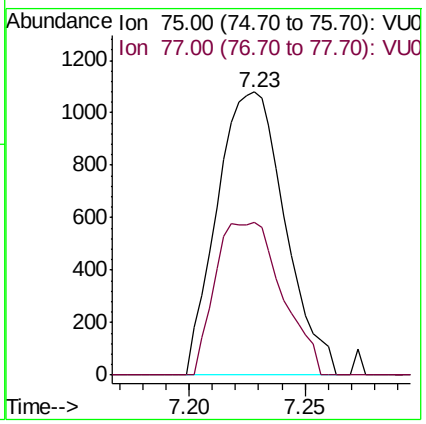


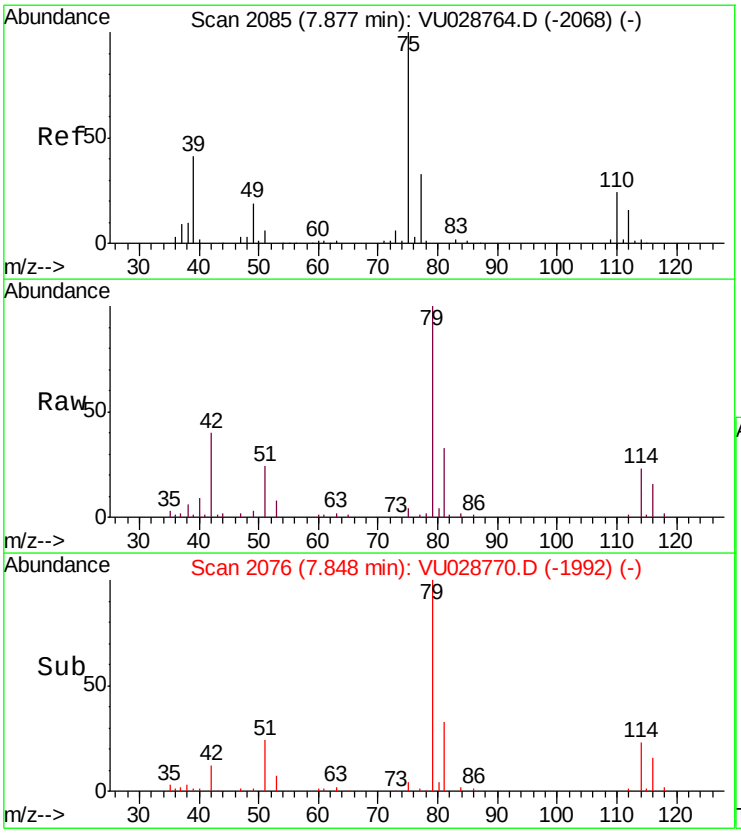
#39
cis-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion: 75 Resp: 2194

Ion	Ratio	Lower	Upper
75	100		
77	54.1	21.8	40.6#

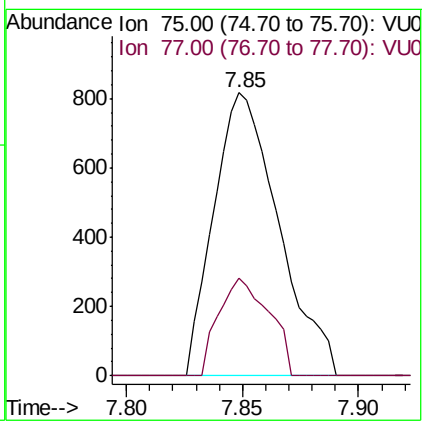


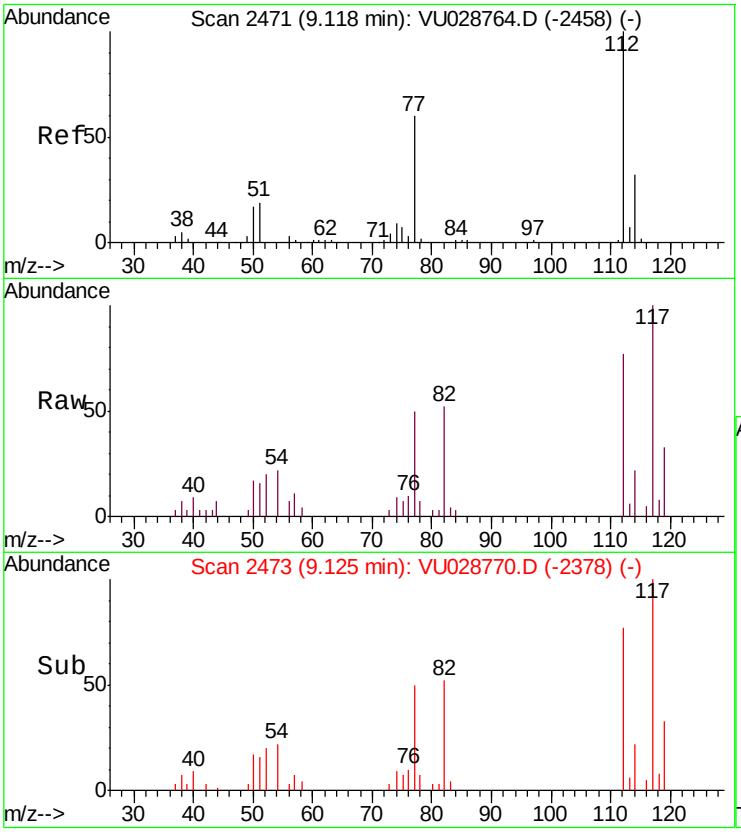


#44
trans-1,3-Dichloropropene
Concen: 0.550 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 75 Resp: 1584

Ion	Ratio	Lower	Upper
75	100		
77	34.5	21.8	40.6



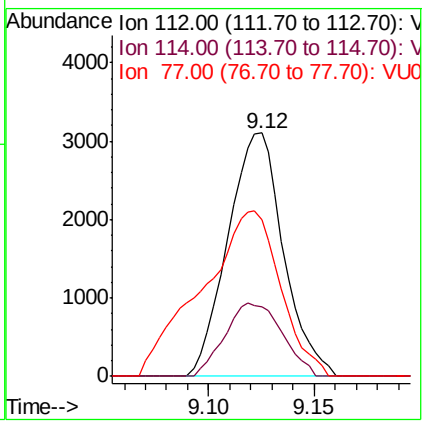


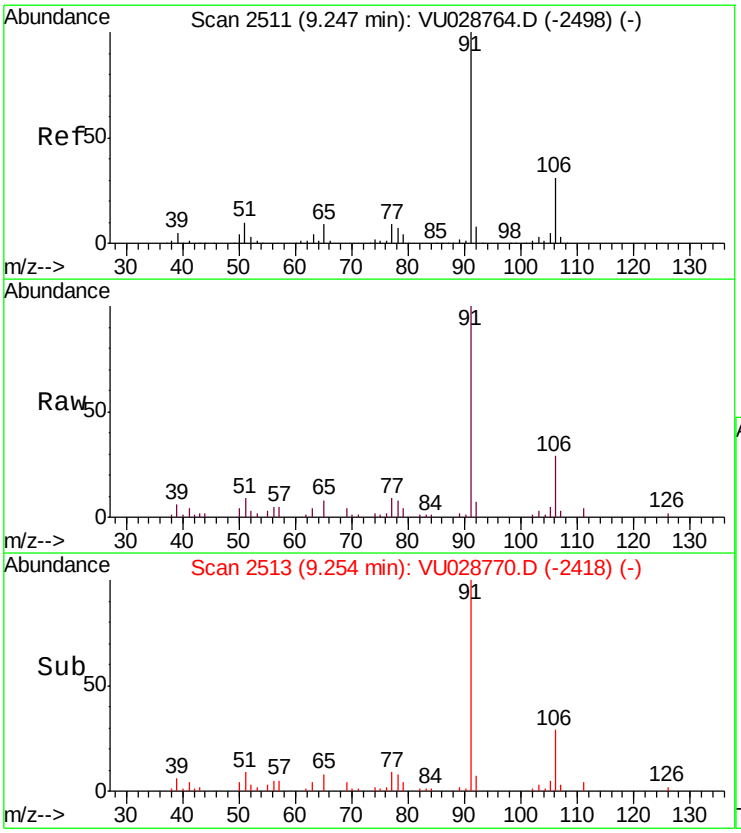
#51
Chlorobenzene
Concen: 1.262 ug/L
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion:112 Resp: 5687

Ion	Ratio	Lower	Upper
112	100		
114	28.6	23.0	42.6
77	64.3	53.9	80.9

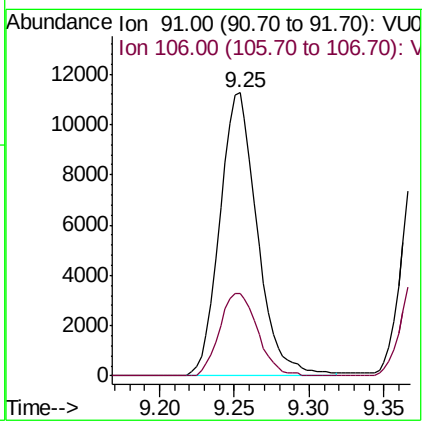


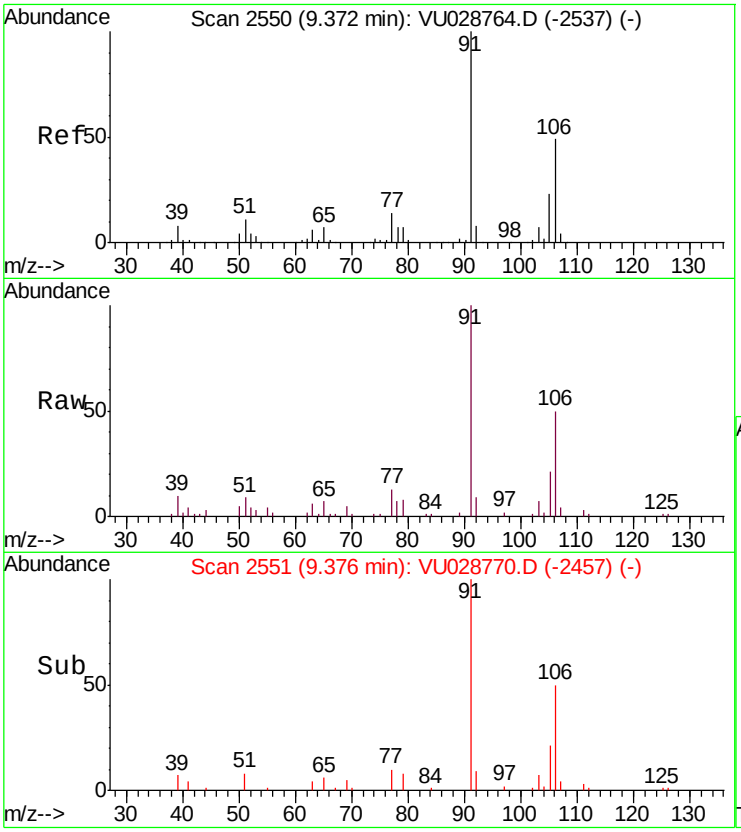


#52
Ethylbenzene
Concen: 2.374 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 91 Resp: 19664

Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.0	39.0



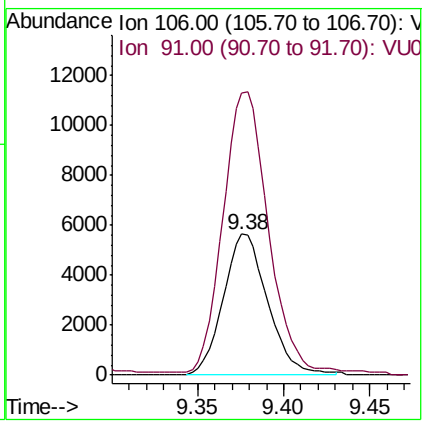


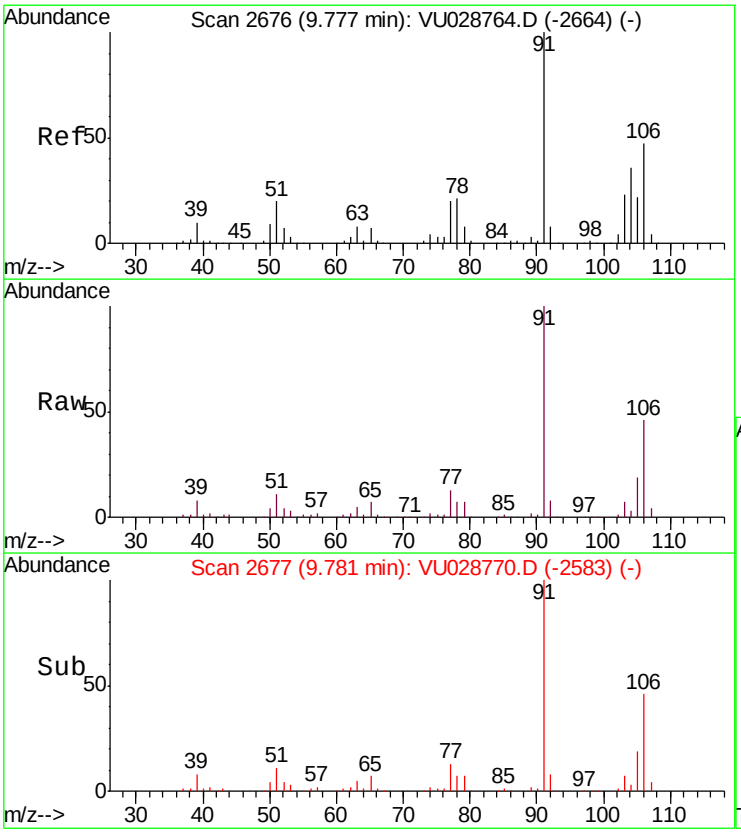
#53
m,p-Xylene
Concen: 3.404 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion:106 Resp: 10208

Ion	Ratio	Lower	Upper
106	100		
91	200.2	148.8	276.4

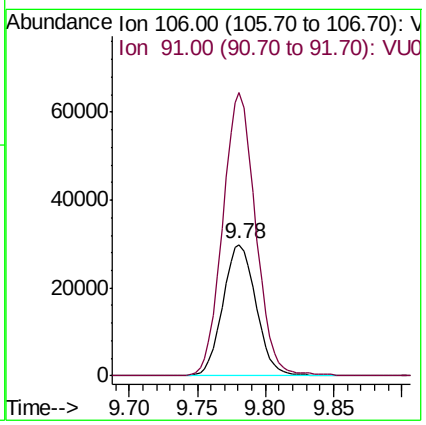


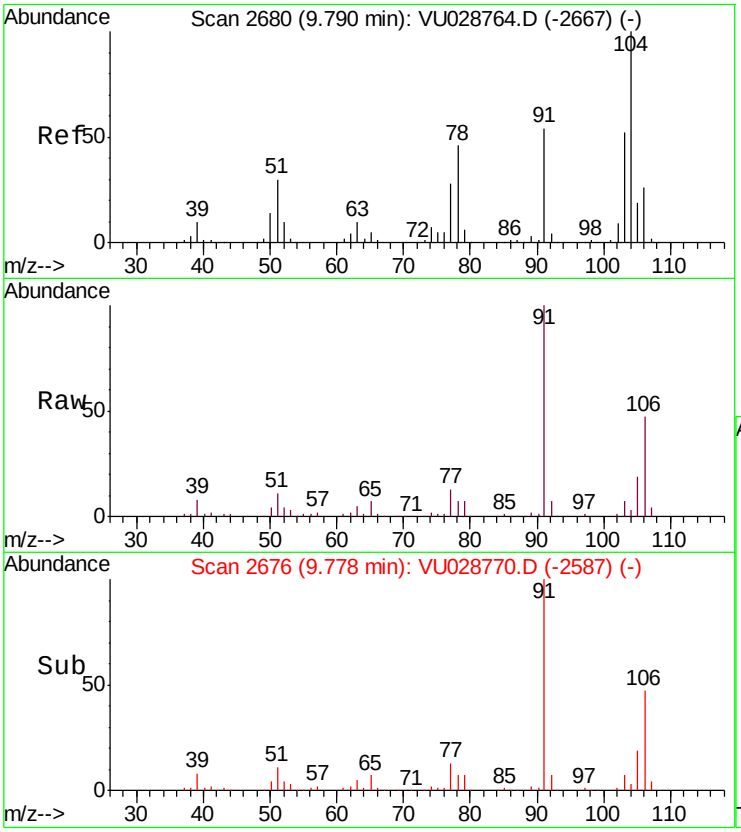


#54
o-xylene
Concen: 17.181 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion:106 Resp: 50585

Ion	Ratio	Lower	Upper
106	100		
91	215.8	151.4	281.2



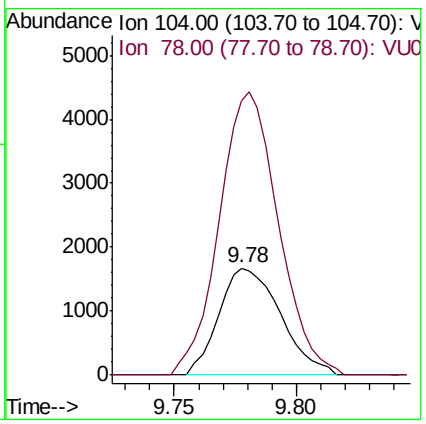


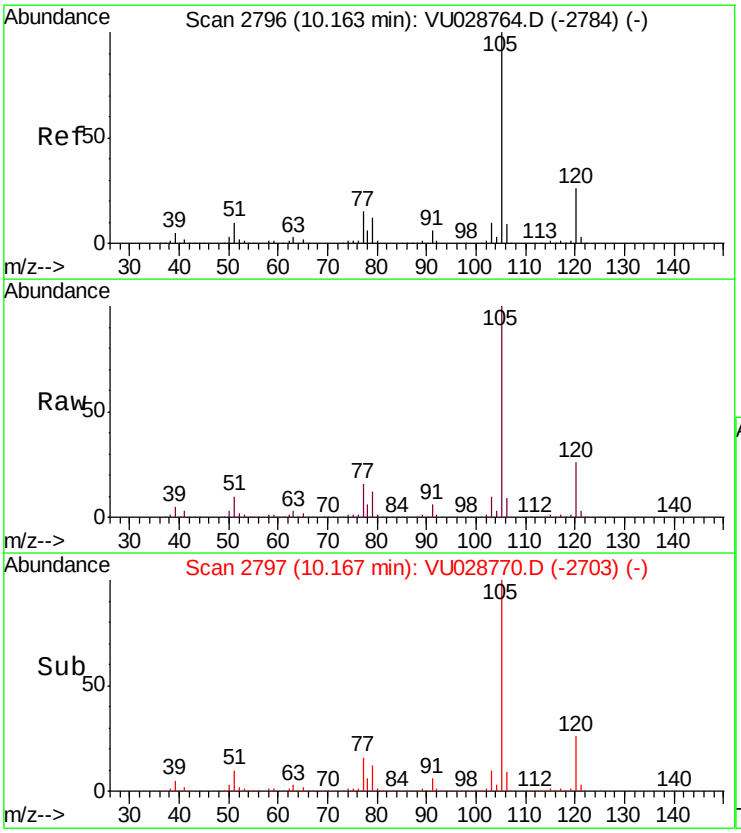
#55
Styrene
Concen: 0.587 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument : MSVOA_U
ClientSampleId : BE8B7

Tgt Ion:104 Resp: 2933

Ion	Ratio	Lower	Upper
104	100		
78	256.9	34.1	63.3#

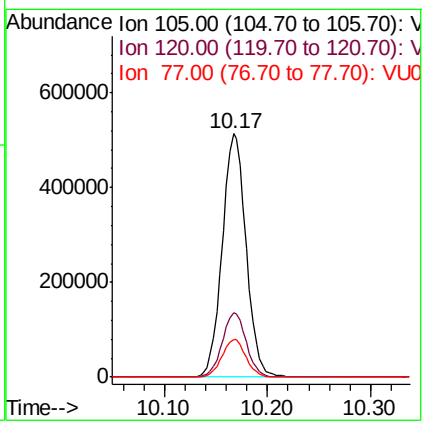


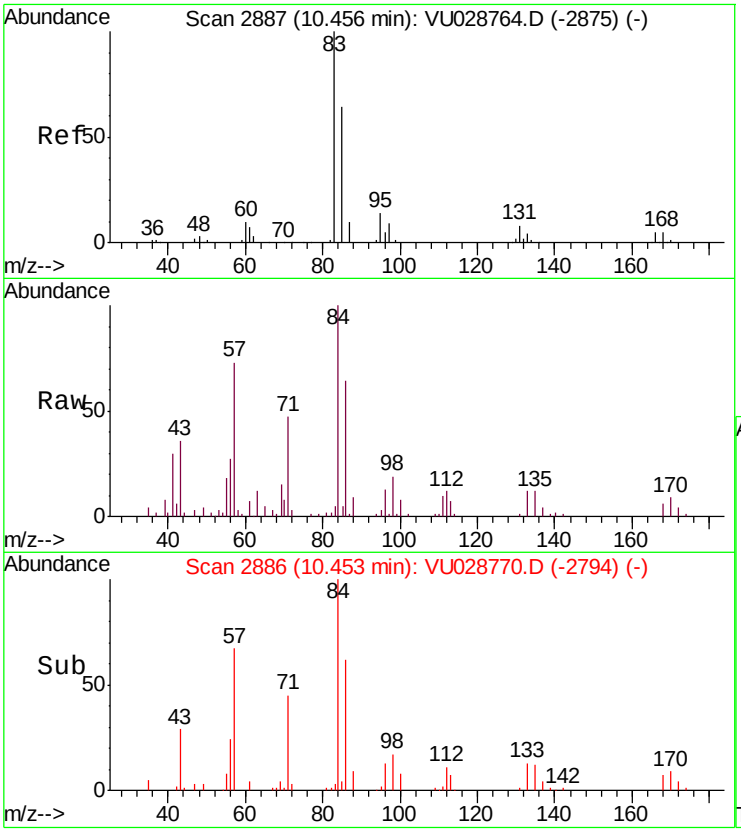


#56
Isopropylbenzene
Concen: 107.699 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion:105 Resp: 826567

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.2	30.2
77	15.8	13.1	19.7



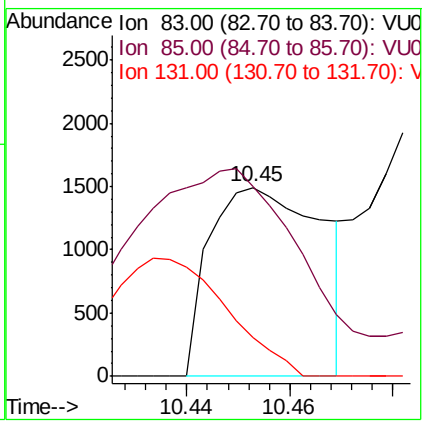


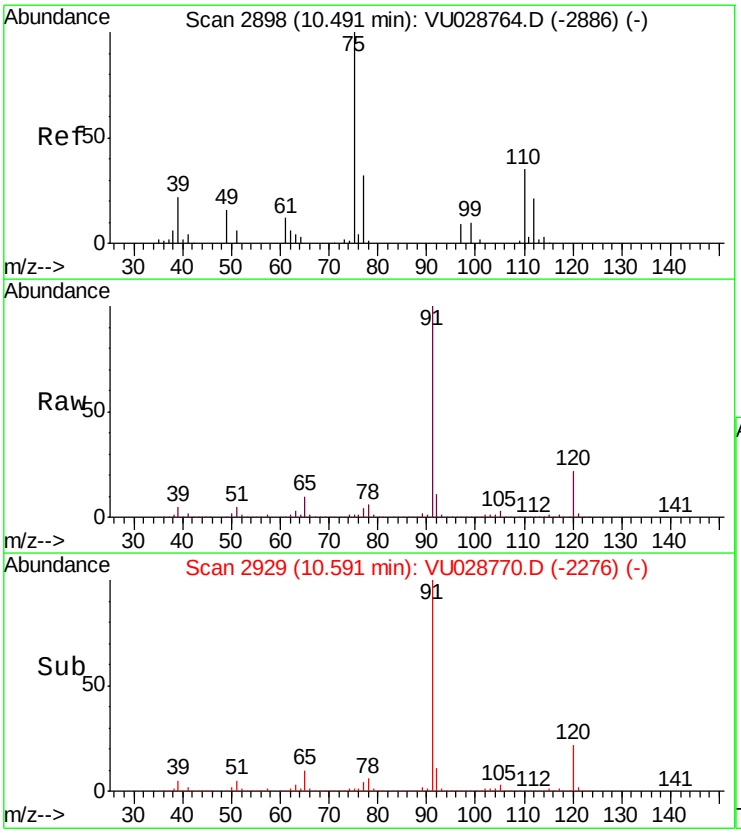
#58
1,1,2,2-Tetrachloroethane
Concen: 0.712 ug/L
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument : MSVOA_U
ClientSampleId : BE8B7

Tgt Ion: 83 Resp: 2255

Ion	Ratio	Lower	Upper
83	100		
85	100.5	45.1	83.7#
131	20.5	6.4	9.6#

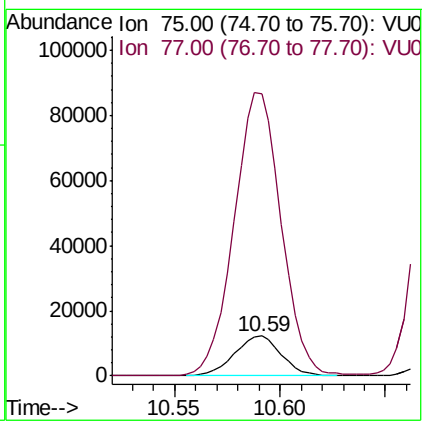


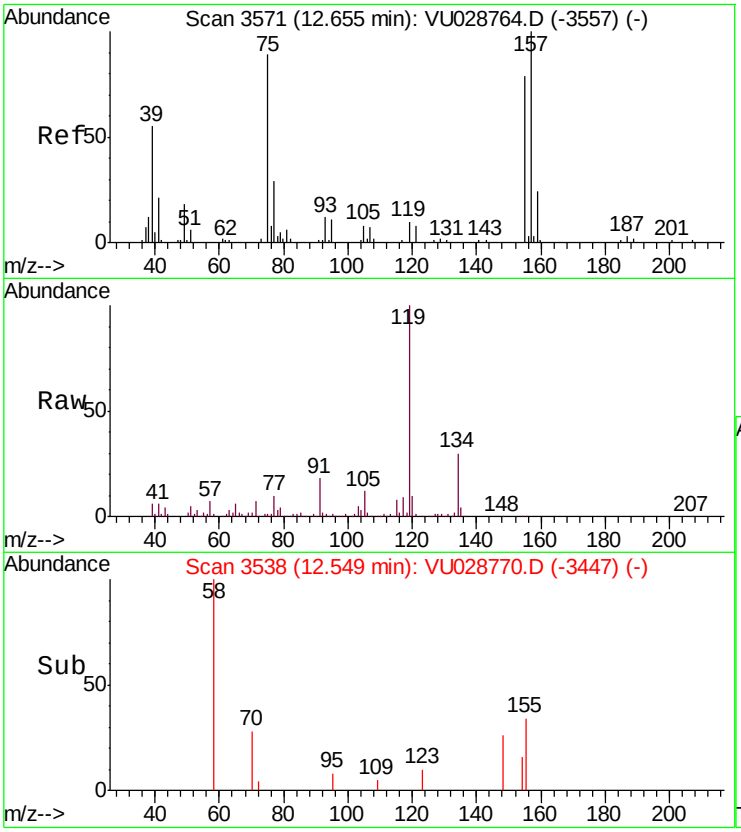


#59
1,2,3-Trichloropropane
Concen: 7.578 ug/L
RT: 10.59 min Scan# 2929
Delta R.T. 0.10 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion: 75 Resp: 18850

Ion	Ratio	Lower	Upper
75	100		
77	716.8	25.4	38.2#



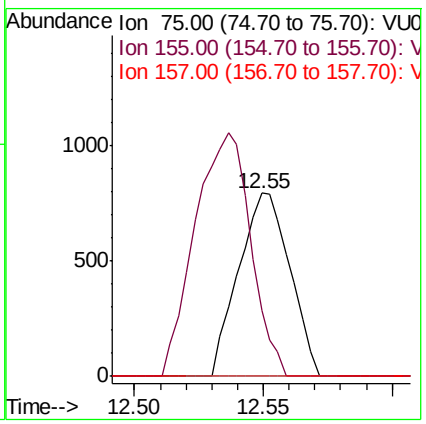


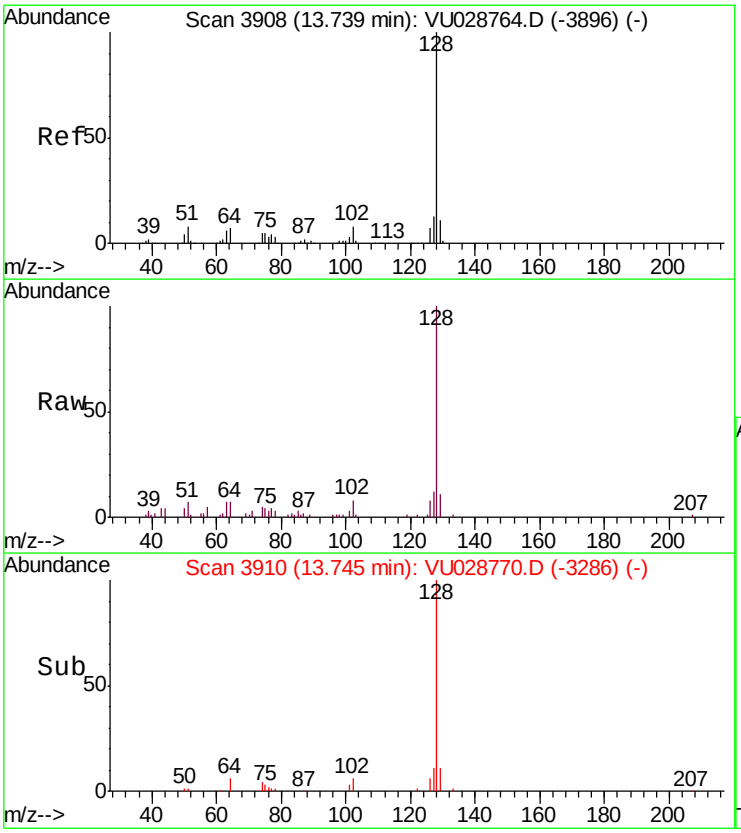
#66
1,2-Dibromo-3-chloropropane
Concen: 1.476 ug/L
RT: 12.55 min Scan# 3538
Delta R.T. -0.11 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Instrument :
MSVOA_U
ClientSampleId :
BE8B7

Tgt Ion: 75 Resp: 1102

Ion	Ratio	Lower	Upper
75	100		
155	35.7	59.9	89.9#
157	0.0	75.8	113.8#





#69
Naphthalene
Concen: 3.395 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028770.D
Acq: 18 Dec 2018 15:16

Tgt Ion:128 Resp: 29144

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	11.2	8.6	13.0