Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022020\

Quantitation Report (Not Reviewed)

Data File : VU036868.D
Acq On : 20 Feb 2020 15:03
Operator : JC/MD
Sample : L1580-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBDW3

Quant Time: Feb 21 00:52:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	131301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	122855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50618	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	44319	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.93	69	42806	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.59	63	64400	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.69	46	123468	52.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.28%			
24) Chloroform-d	5.11	84	81252	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.74	65	46156	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.76	84	174942	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.73	67	55319	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%			
41) Toluene-d8	7.92	98	156113	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	8.21	79	19052	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.66	63	103654	49.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.52%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41915	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	49366	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
13) Acetone	2.68	43	2941	0.971	ug/L	98
35) Methylcyclohexane	6.73	83	12389	0.809	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6037	0.583	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1338	0.089	ug/L #	49
59) 1,2,3-Trichloropropane	11.83	75	7952	1.164	ug/L	94
69) Naphthalene	14.12	128	41828	2.494	ug/L	98

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

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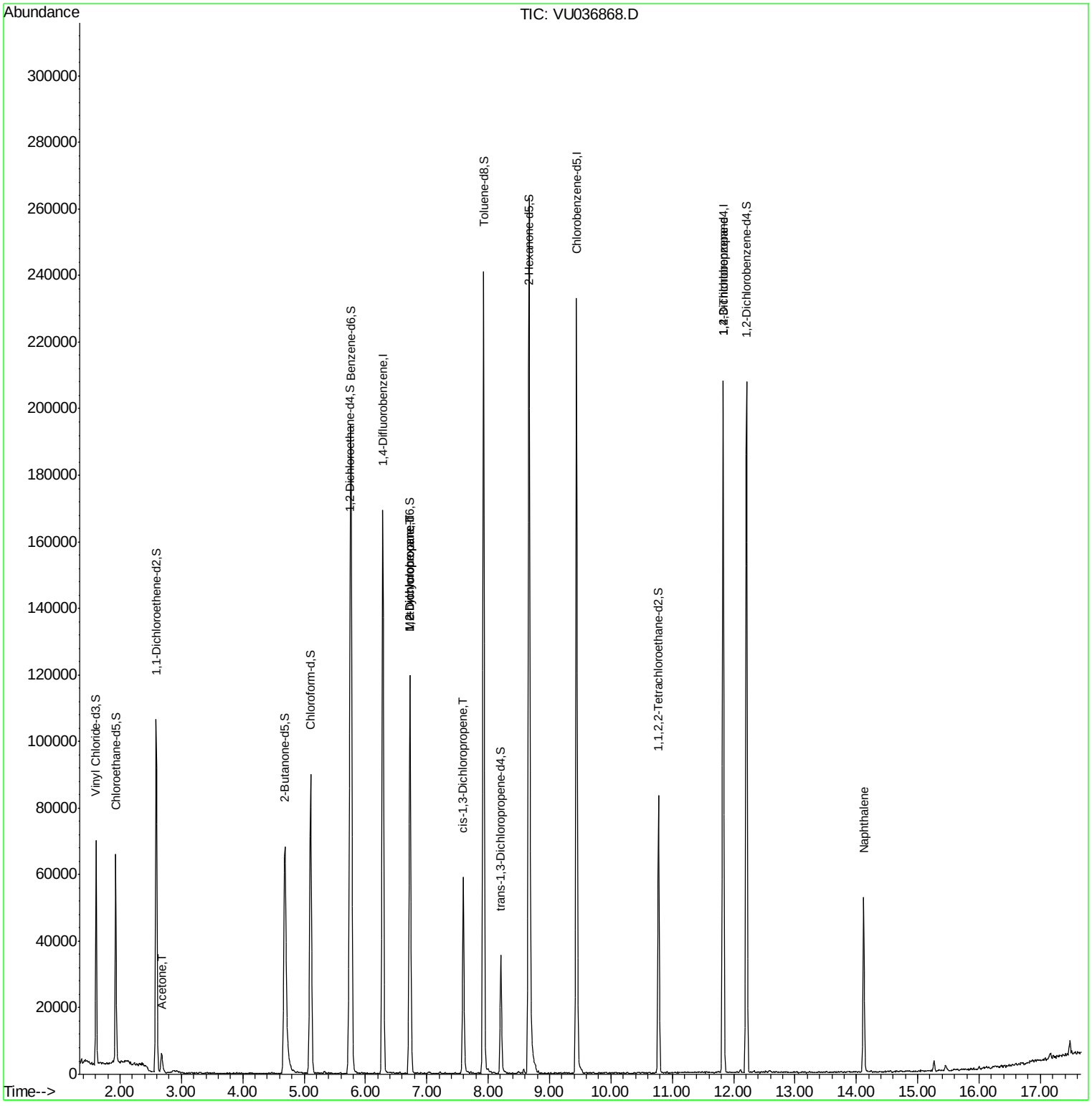
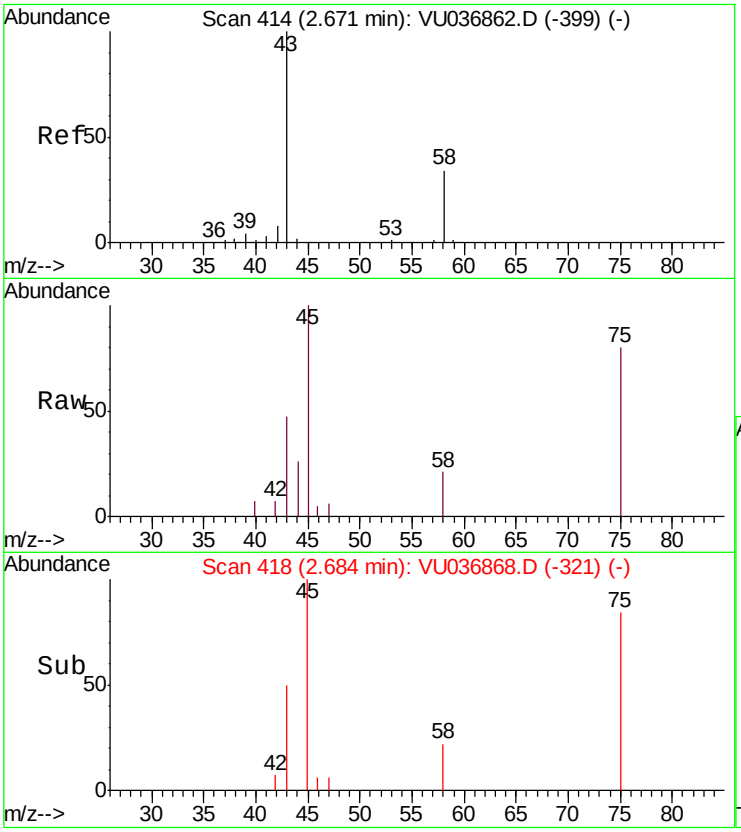
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration



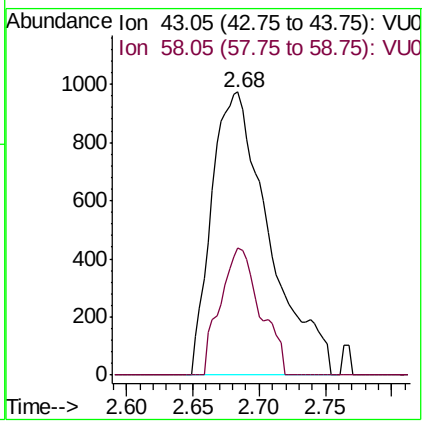


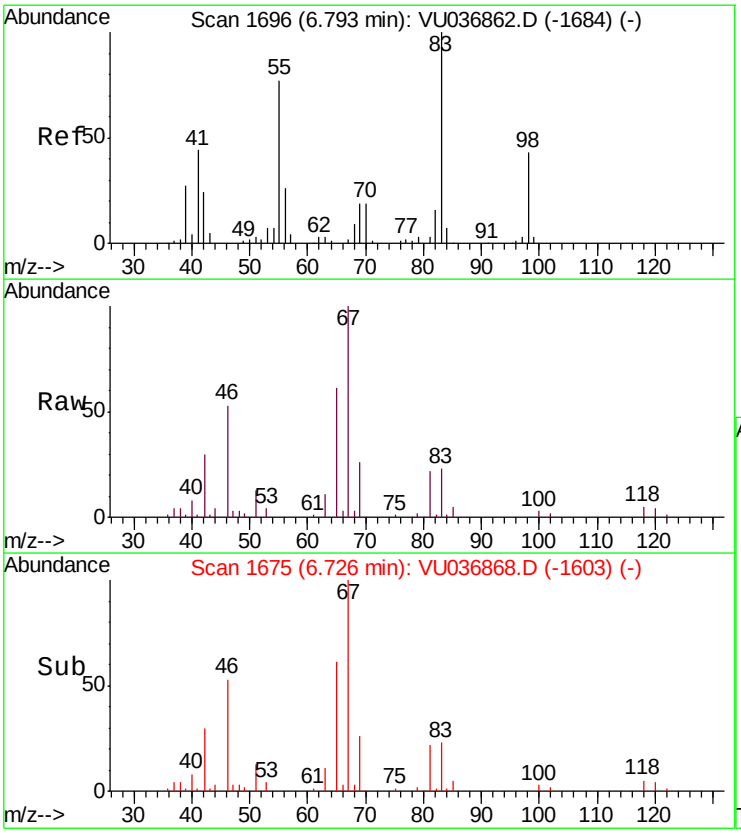
#13
Acetone
Concen: 0.971 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Instrument :
MSVOA_U
ClientSampleId :
DBDW3

Tgt Ion: 43 Resp: 2941

Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	64.2

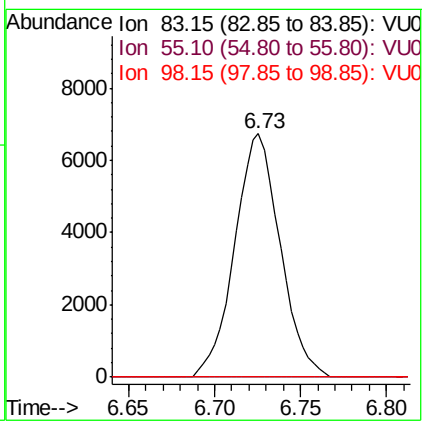


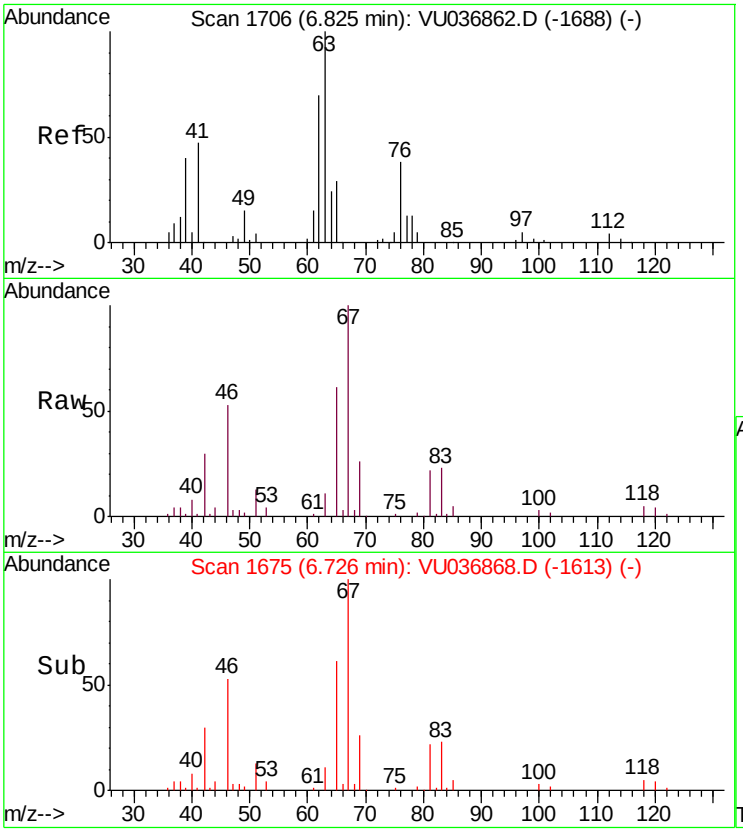


#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Tgt Ion: 83 Resp: 12389

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.0	34.2	51.4#



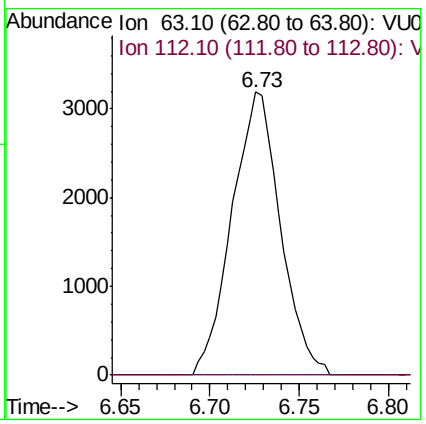


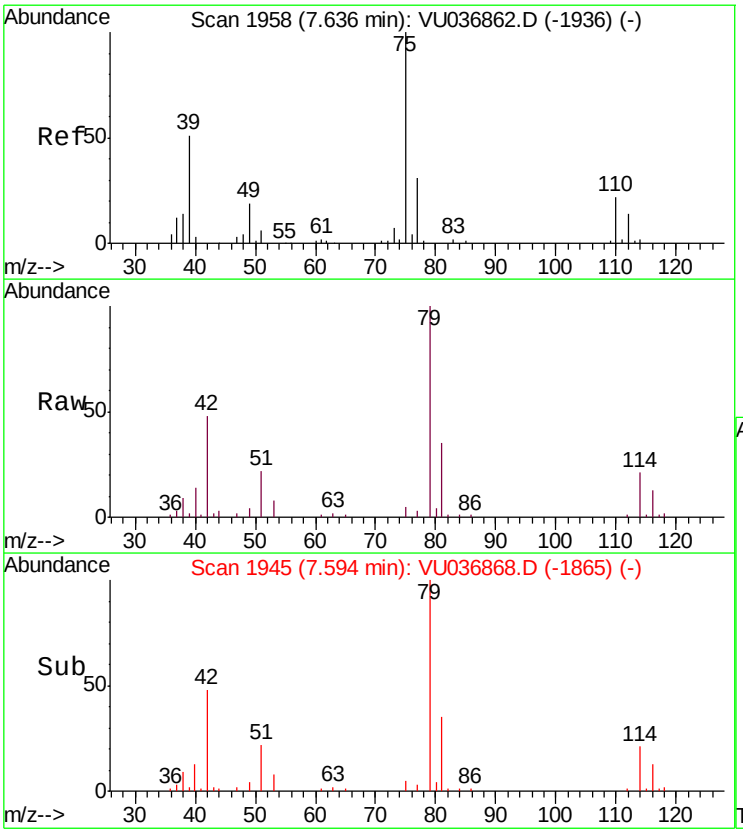
#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Instrument : MSVOA_U
ClientSampleId : DBDW3

Tgt Ion: 63 Resp: 6037

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

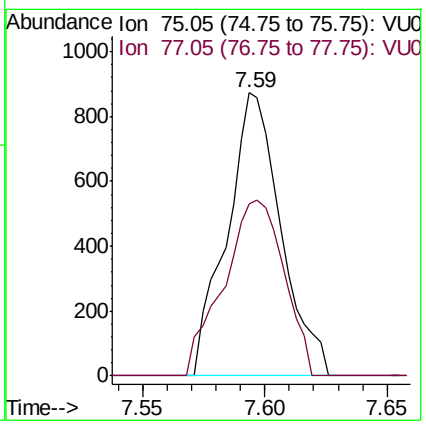


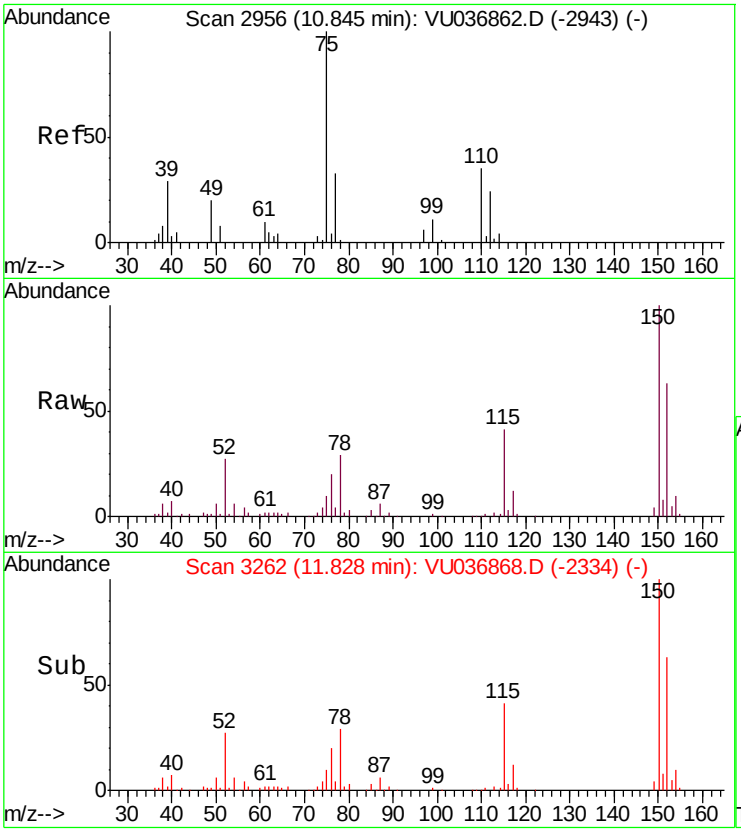


#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Tgt Ion: 75 Resp: 1338

Ion	Ratio	Lower	Upper
75	100		
77	60.7	22.5	41.9#



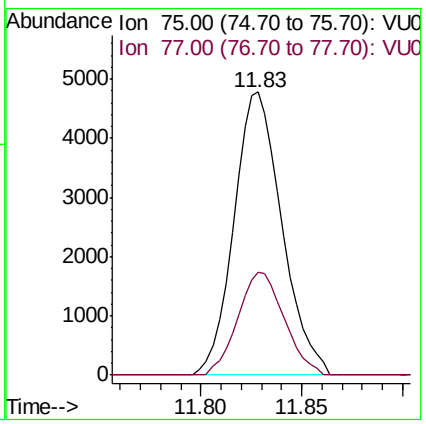


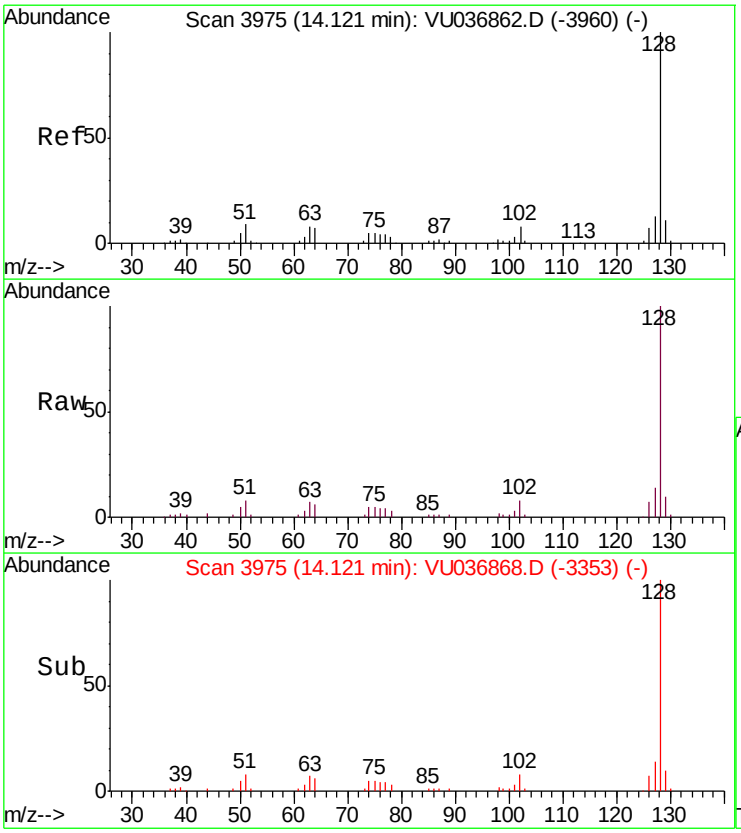
#59
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Instrument :
MSVOA_U
ClientSampleId :
DBDW3

Tgt Ion: 75 Resp: 7952

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.6	38.4





#69
Naphthalene
Concen: 2.494 ug/L
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU036868.D
Acq: 20 Feb 2020 15:03

Tgt Ion:128 Resp: 41828

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.4
127	13.1	10.8	16.2