Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021420\

Quantitation Report (Not Reviewed)

Data File : VU036790.D
Acq On : 14 Feb 2020 16:31
Operator : JC/MD
Sample : L1537-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AQ3

Quant Time: Feb 14 23:43:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	123221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	114182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45007	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	40897	3.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.20%			
7) Chloroethane-d5	1.93	69	40250	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.59	63	58031	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.67	46	116250	52.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.62%			
24) Chloroform-d	5.11	84	75524	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.74	65	45025	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.76	84	165003	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.73	67	54038	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.93	98	145790	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	8.21	79	19082	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.66	63	98240	50.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.46%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41379	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	44537	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
34) Trichloroethene	6.29	95	2173	0.242	ug/L #	8
35) Methylcyclohexane	6.73	83	11817	0.830	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5793	0.602	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1490	0.107	ug/L #	81
48) 2-Hexanone	8.66	43	13421	2.527	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	7174	1.130	ug/L	98
69) Naphthalene	14.12	128	2828	0.190	ug/L #	87

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

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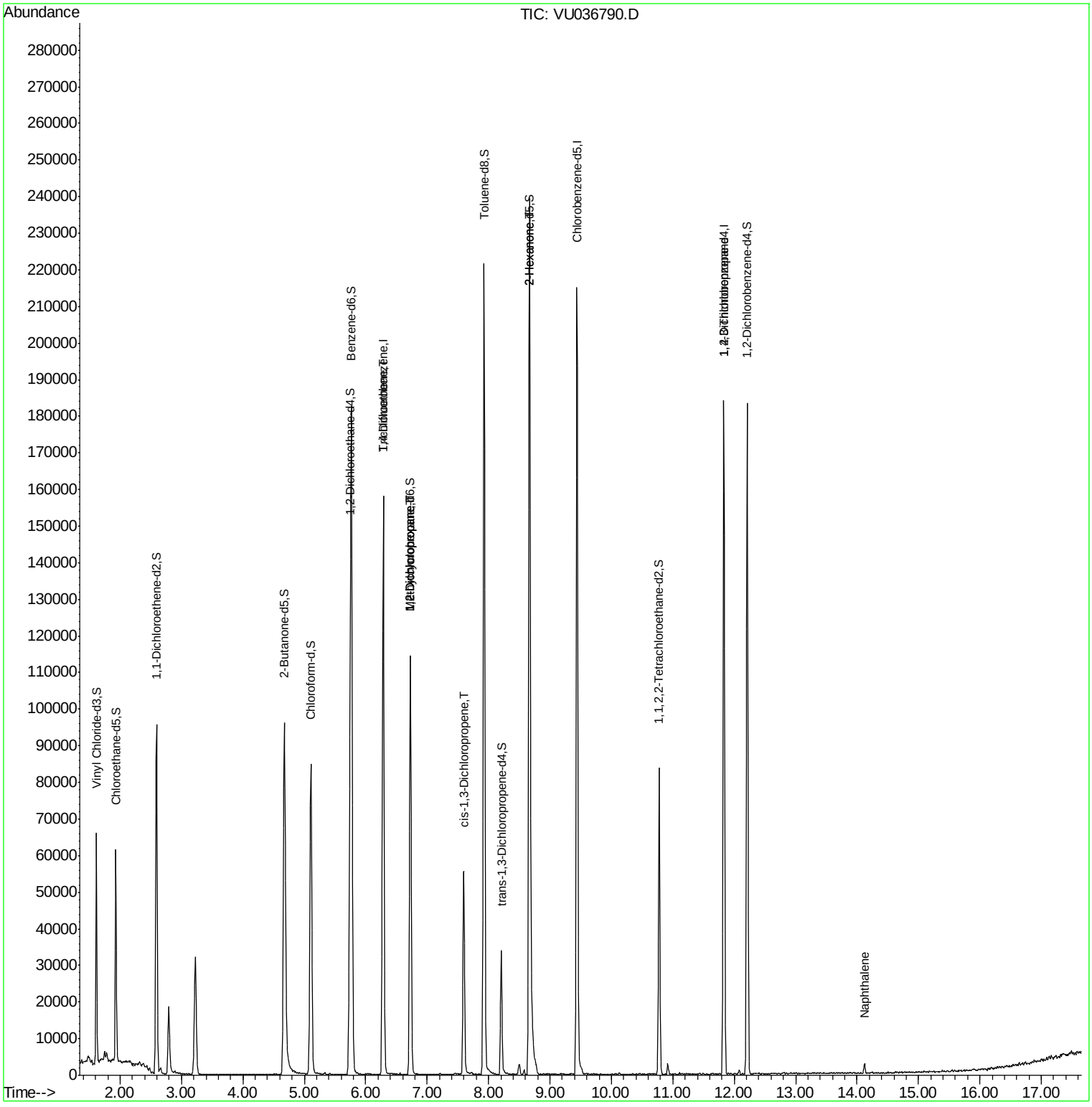
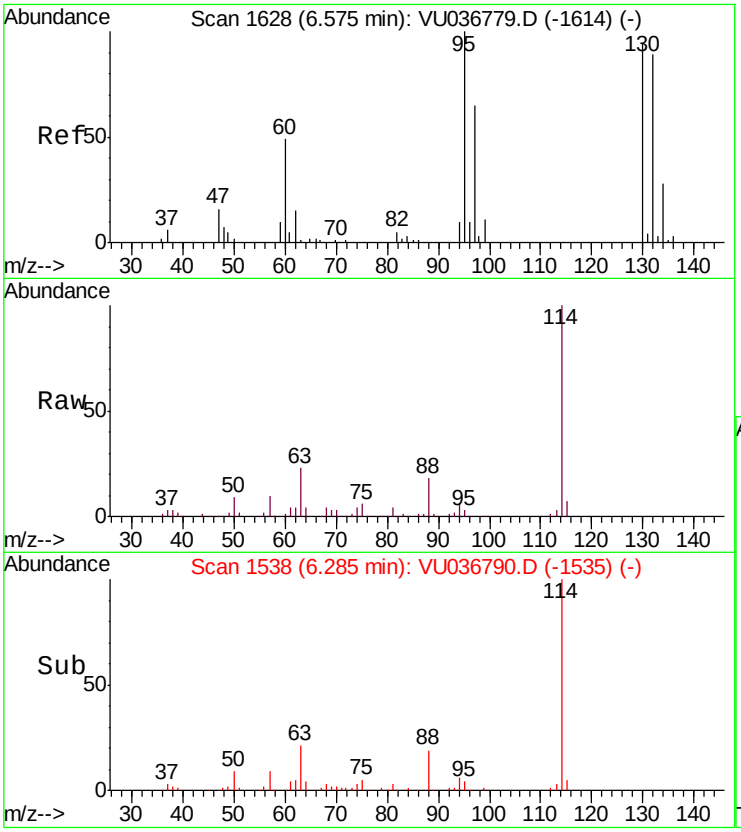
ClientSampleId :
C0AQ3

Quant Time: Feb 14 23:43:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration



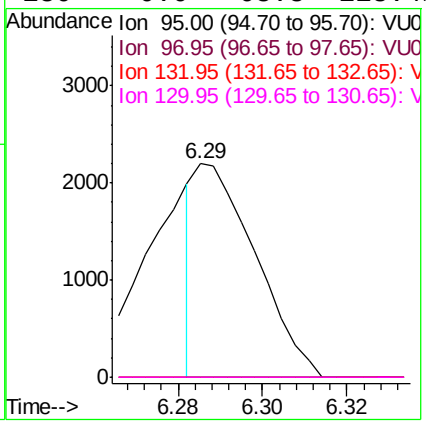


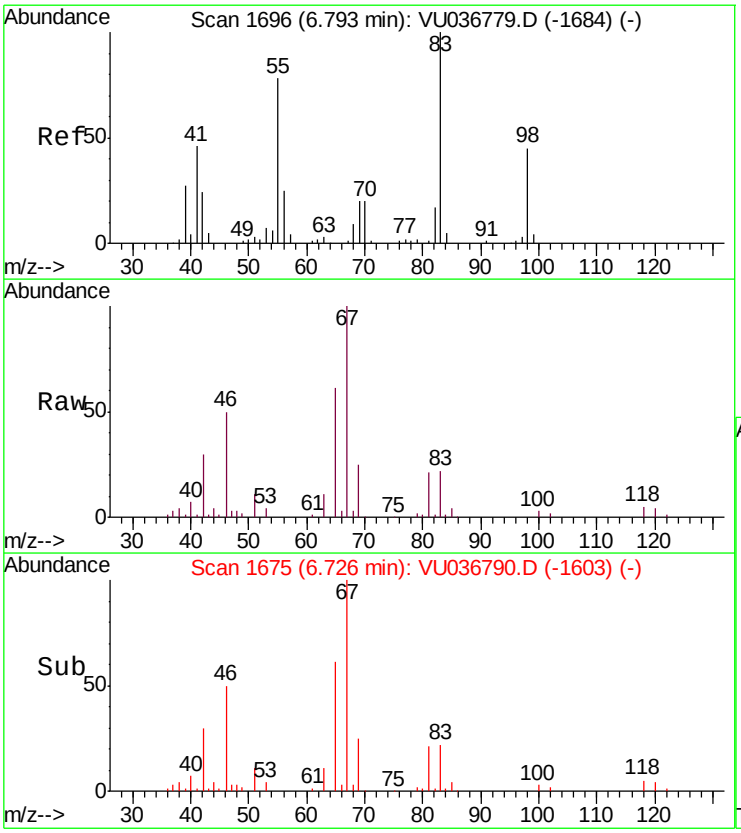
#34
Trichloroethene
Concen: 0.242 ug/L
RT: 6.29 min Scan# 1538
Delta R.T. -0.29 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
C0AQ3

Tgt Ion: 95 Resp: 2173

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.6	84.8#
132	0.0	62.8	116.6#
130	0.0	63.8	118.4#

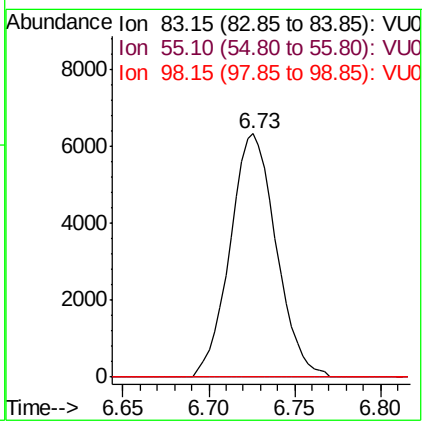


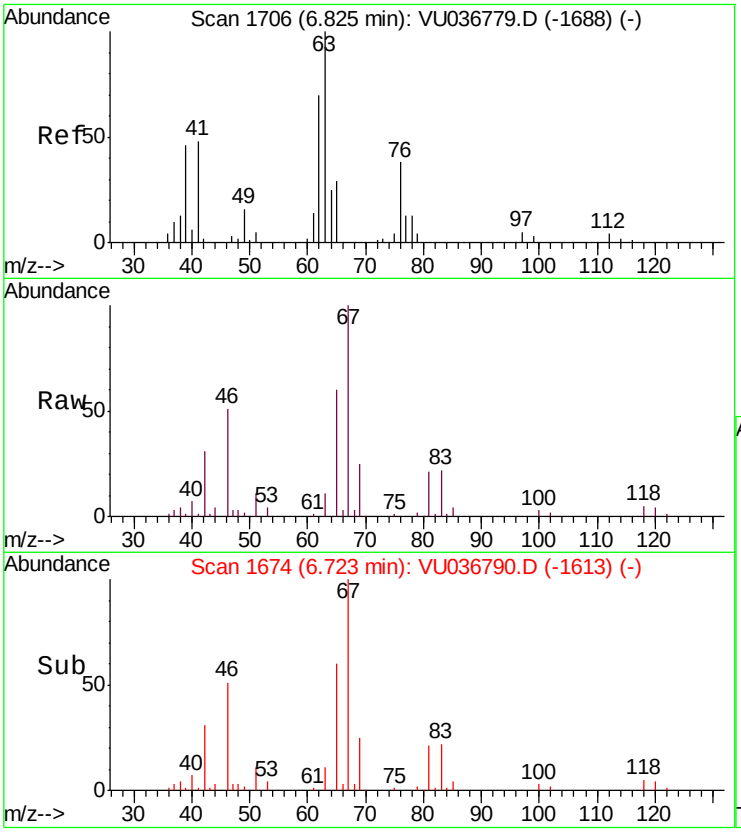


#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 83 Resp: 11817

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.6	34.2	51.4#



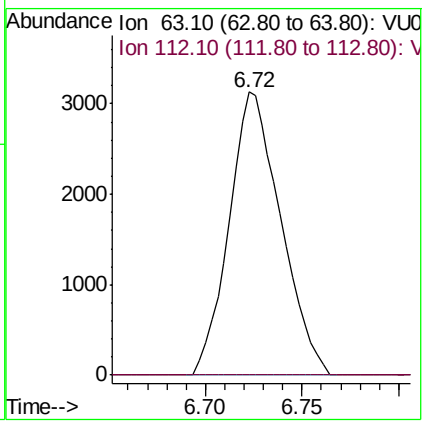


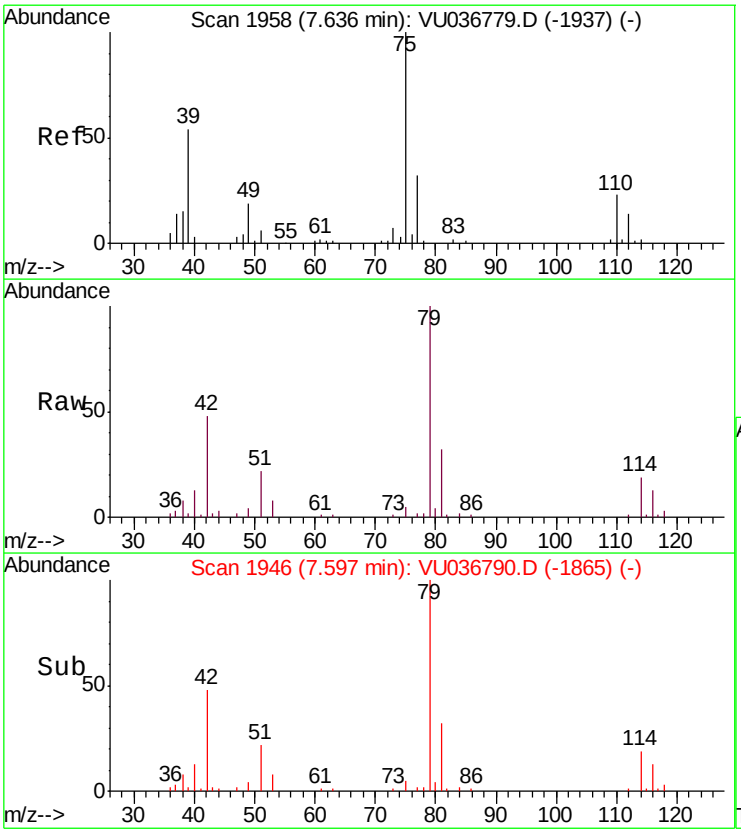
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Instrument : MSVOA_U
ClientSampleId : C0AQ3

Tgt Ion: 63 Resp: 5793

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

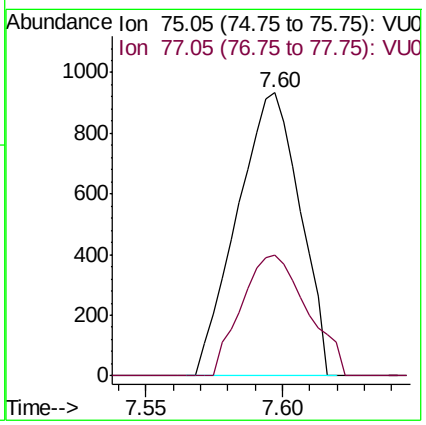


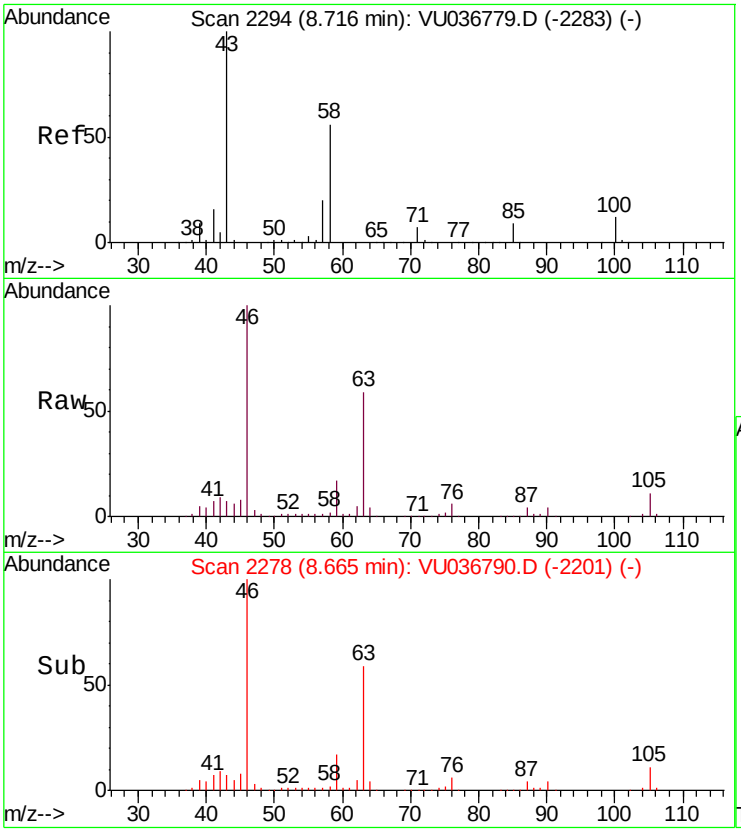


#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 75 Resp: 1490

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.5	41.9#



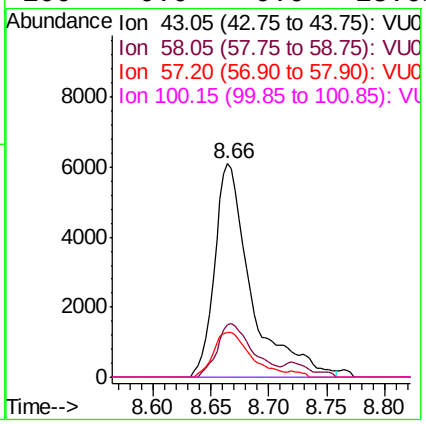


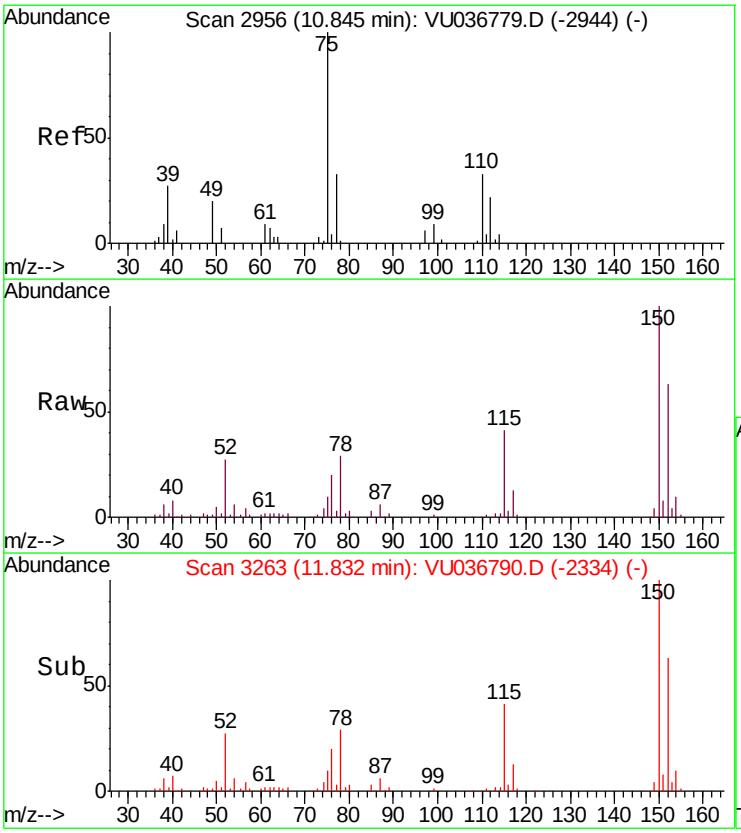
#48
2-Hexanone
Concen: 2.527 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Instrument : MSVOA_U
ClientSampleId : C0AQ3

Tgt Ion: 43 Resp: 13421

Ion	Ratio	Lower	Upper
43	100		
58	24.5	43.6	65.4#
57	21.6	15.0	22.4
100	0.0	9.0	13.6#

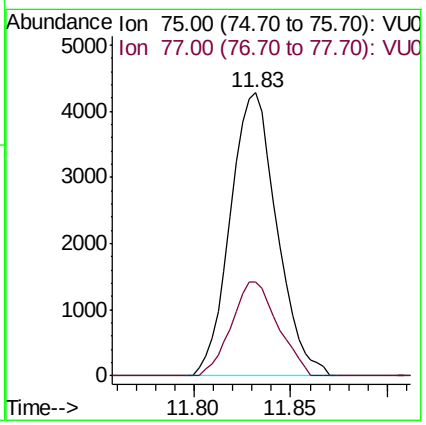


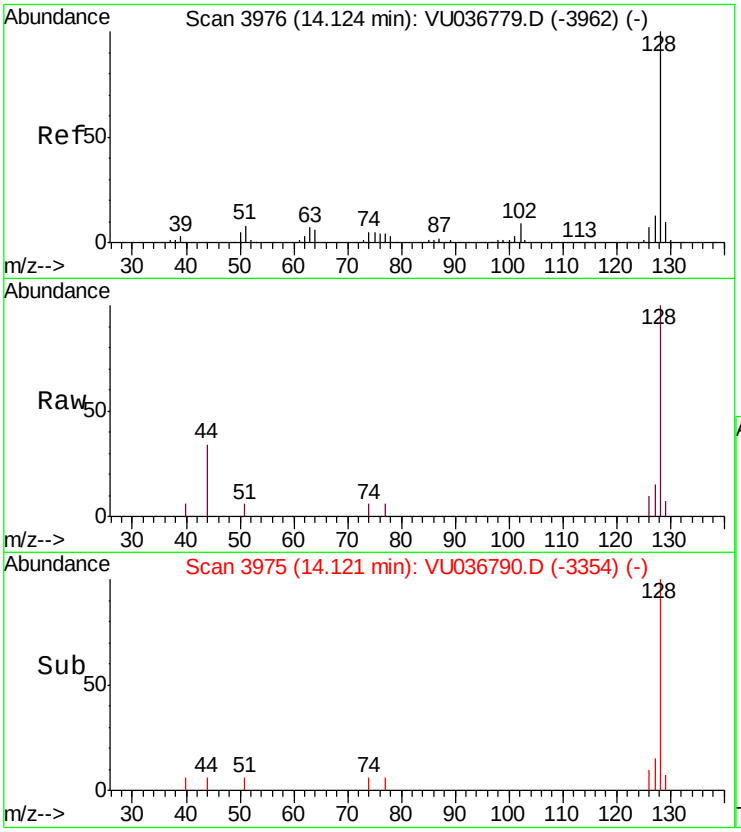


#59
1,2,3-Trichloropropane
Concen: 1.130 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Tgt Ion: 75 Resp: 7174

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.6	38.4





#69
Naphthalene
Concen: 0.190 ug/L
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU036790.D
Acq: 14 Feb 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
C0AQ3

Tgt Ion:128 Resp: 2828

Ion	Ratio	Lower	Upper
128	100		
129	3.7	9.0	13.4#
127	10.3	10.8	16.2#