Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039757.D
Acq On : 06 Aug 2020 15:14
Operator : SY/MD
Sample : L3572-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 07 03:25:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 03:23:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32175	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21352	5.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	1.92	69	21431	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.57	63	29017	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.67	46	126842	69.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.30%#			
24) Chloroform-d	5.08	84	46694	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.72	65	31771	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	83920	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.71	67	28381	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.91	98	64543	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	8.19	79	7909	3.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.20%			
46) 2-Hexanone-d5	8.64	63	113717	91.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 183.88%#			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35599	6.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 122.80%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	28701	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.37	96	548	0.108	ug/L #	74
22) cis-1,2-Dichloroethene	4.69	96	3866	0.698	ug/L	98
34) Trichloroethene	6.55	95	3926	0.758	ug/L	90
35) Methylcyclohexane	6.71	83	6557	0.793	ug/L #	21
37) 1,2-Dichloropropane	6.71	63	3671	0.693	ug/L #	86
48) 2-Hexanone	8.64	43	15496	5.423	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	4461	1.168	ug/L #	80

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

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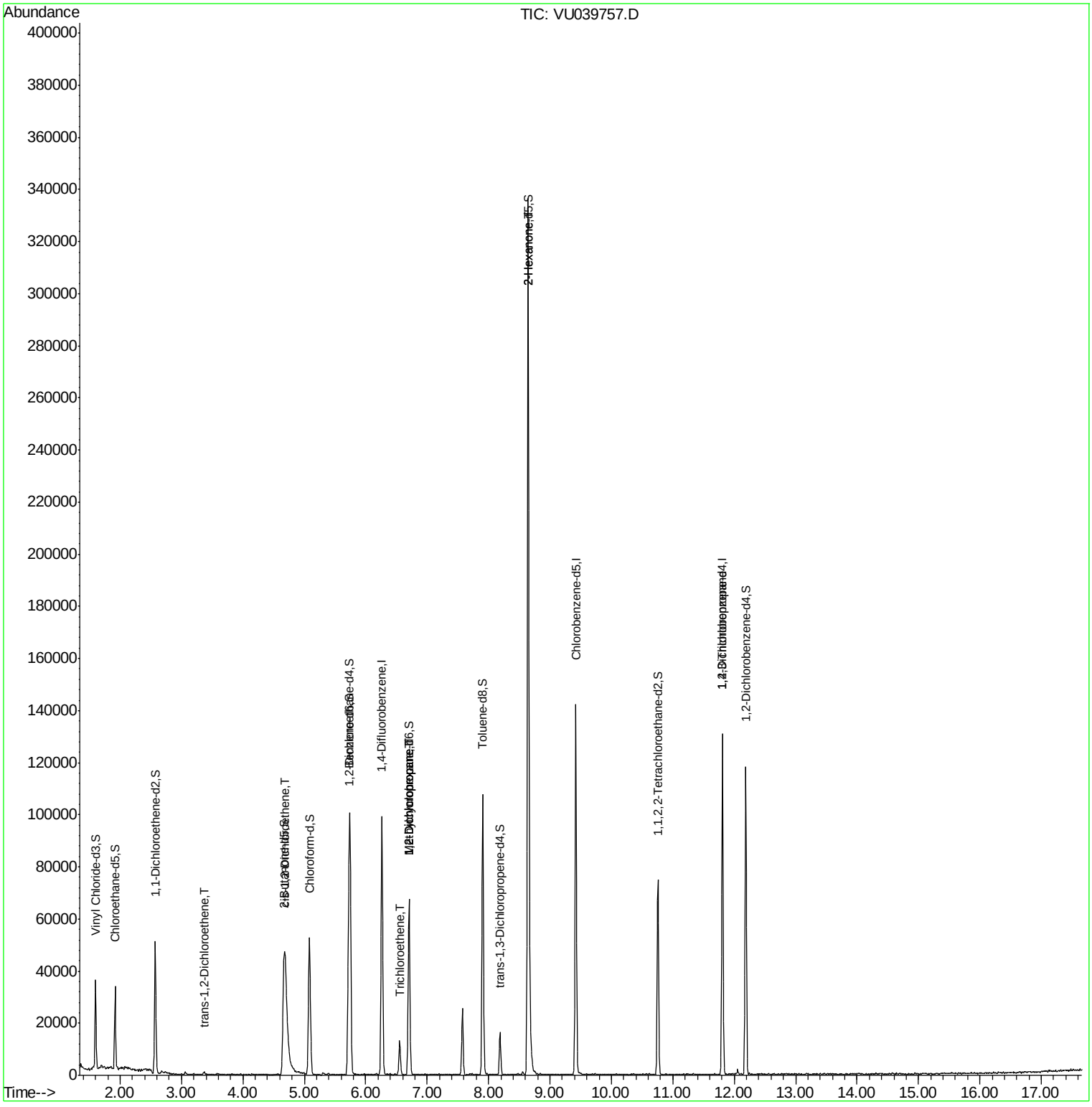
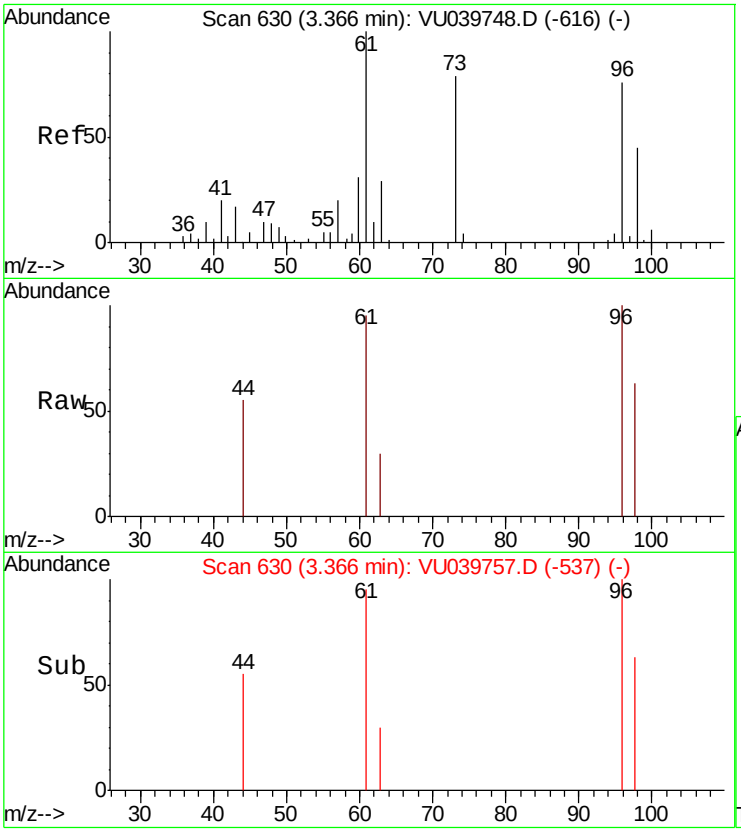


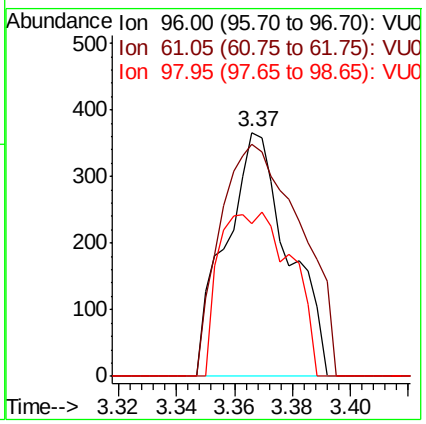


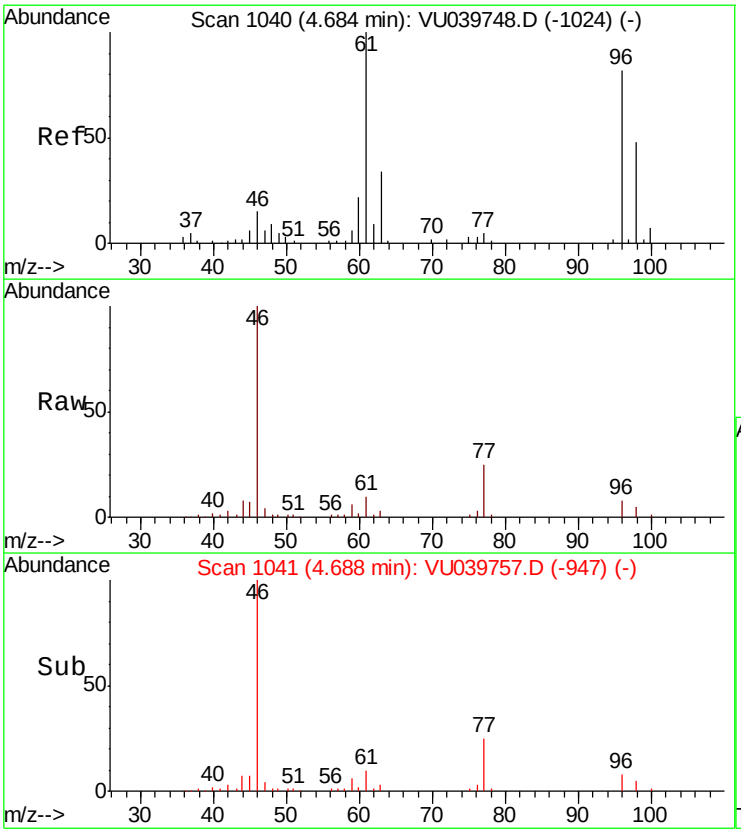
#18
trans-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.37 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 548

Ion	Ratio	Lower	Upper
96	100		
61	95.4	96.5	179.1#
98	62.8	40.9	76.0

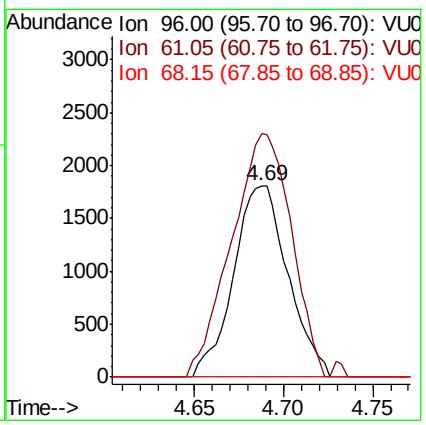


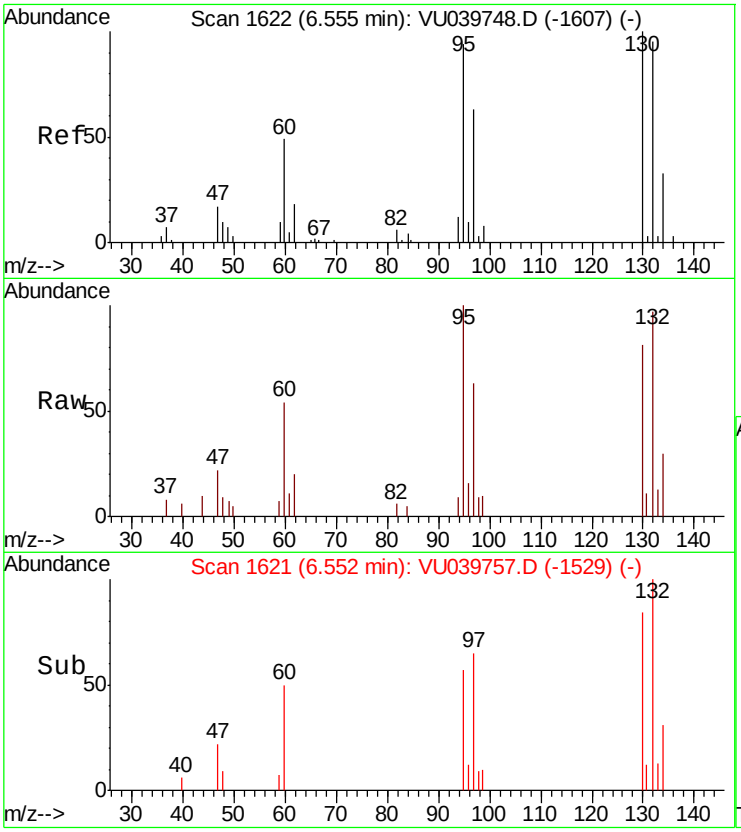


#22
cis-1,2-Dichloroethene
Concen: 0.698 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Tgt Ion: 96 Resp: 3866

Ion	Ratio	Lower	Upper
96	100		
61	127.2	87.4	162.2
68	0.0	0.0	0.0



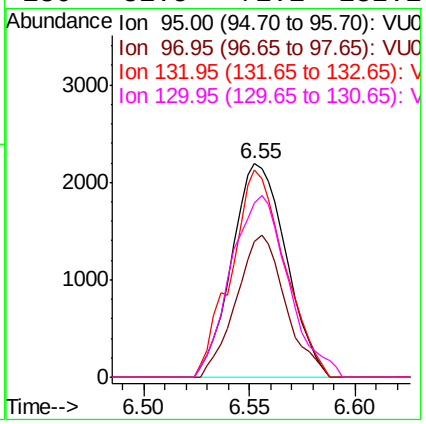


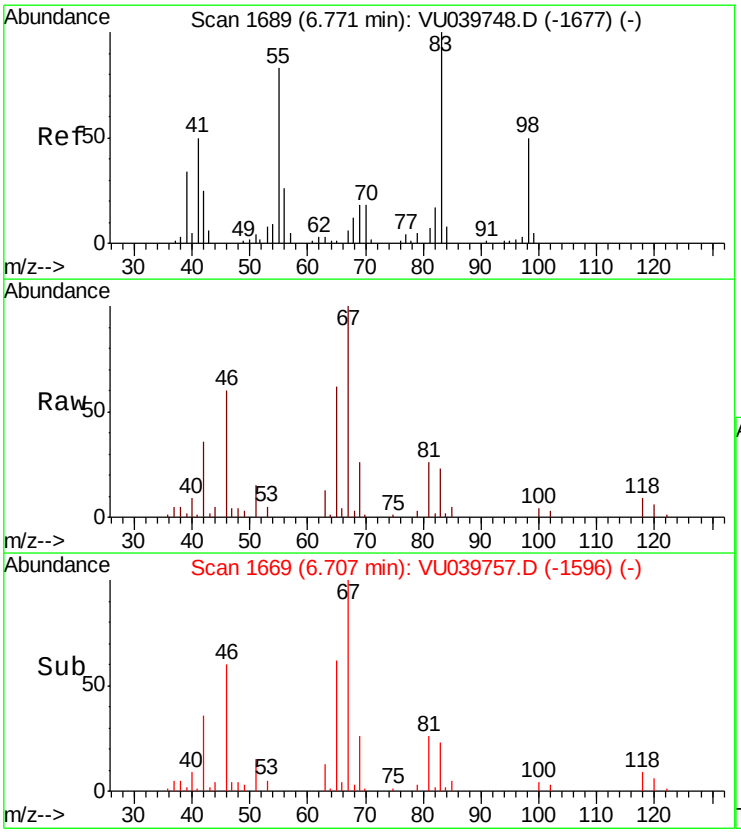
#34
Trichloroethene
Concen: 0.758 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3926

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.0	81.8
132	97.0	71.7	133.3
130	81.5	71.1	132.1

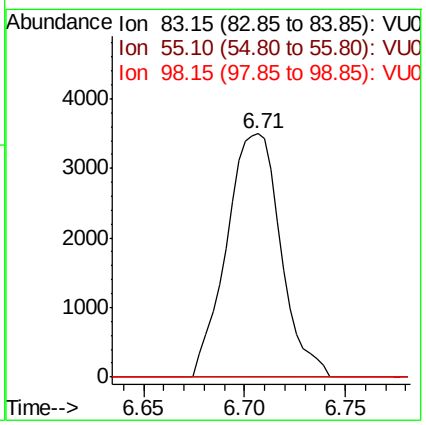


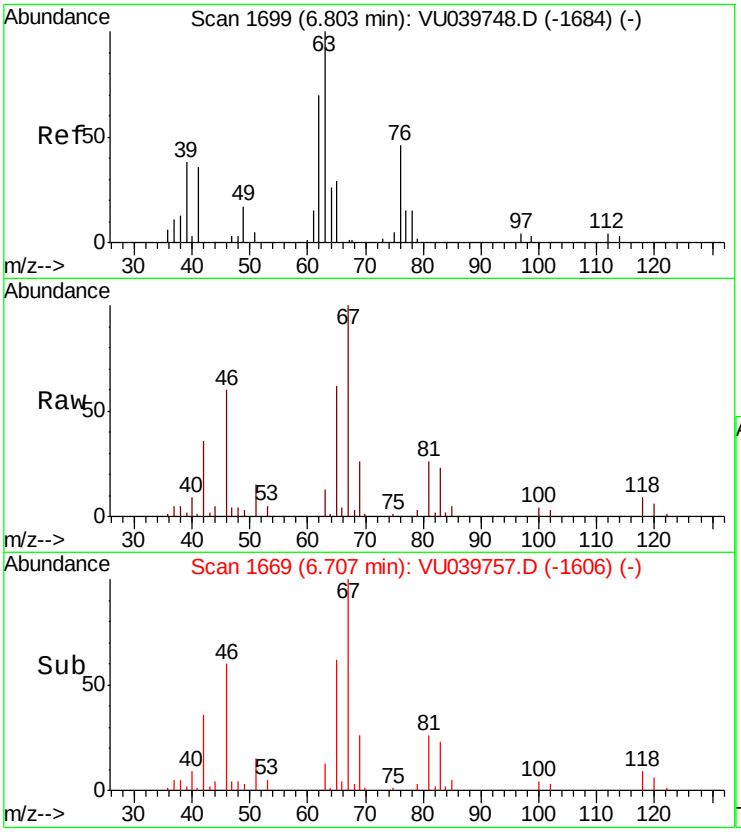


#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Tgt Ion: 83 Resp: 6557

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	4.2	39.0	58.4#



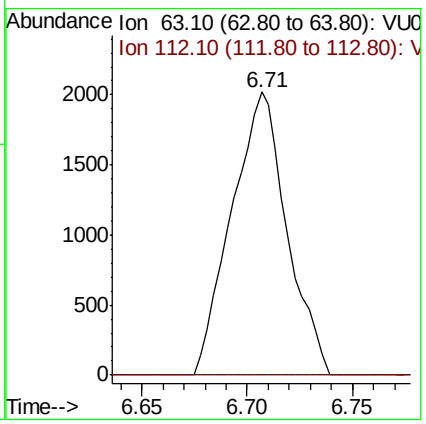


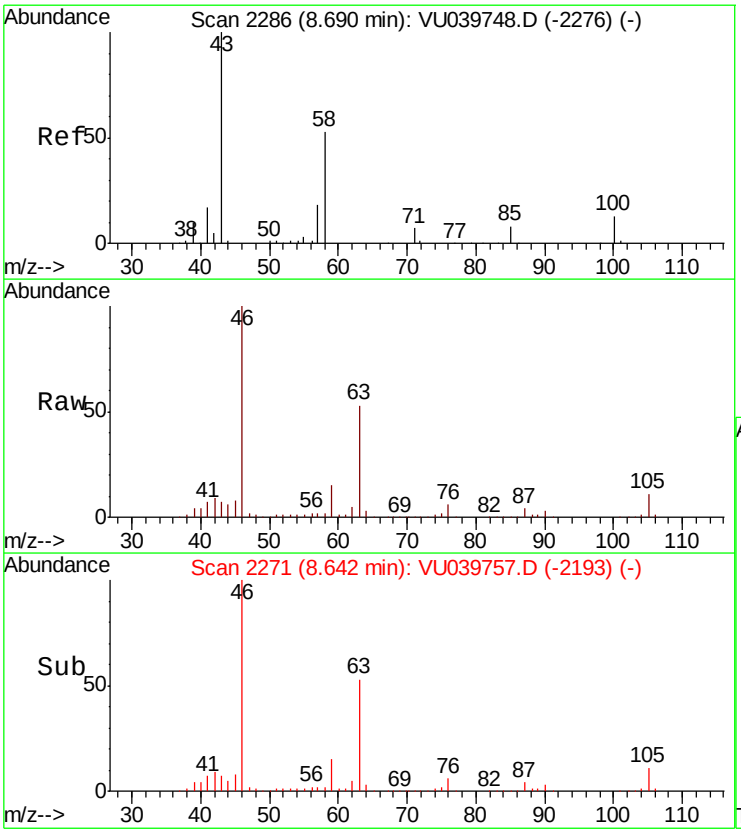
#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3671

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

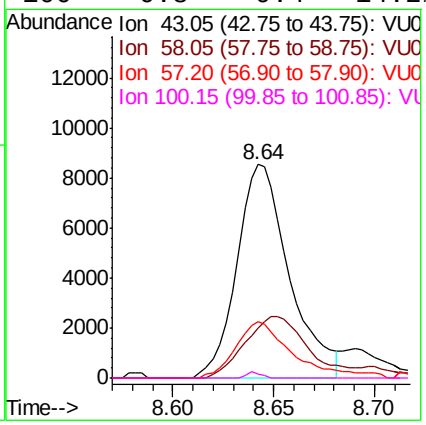


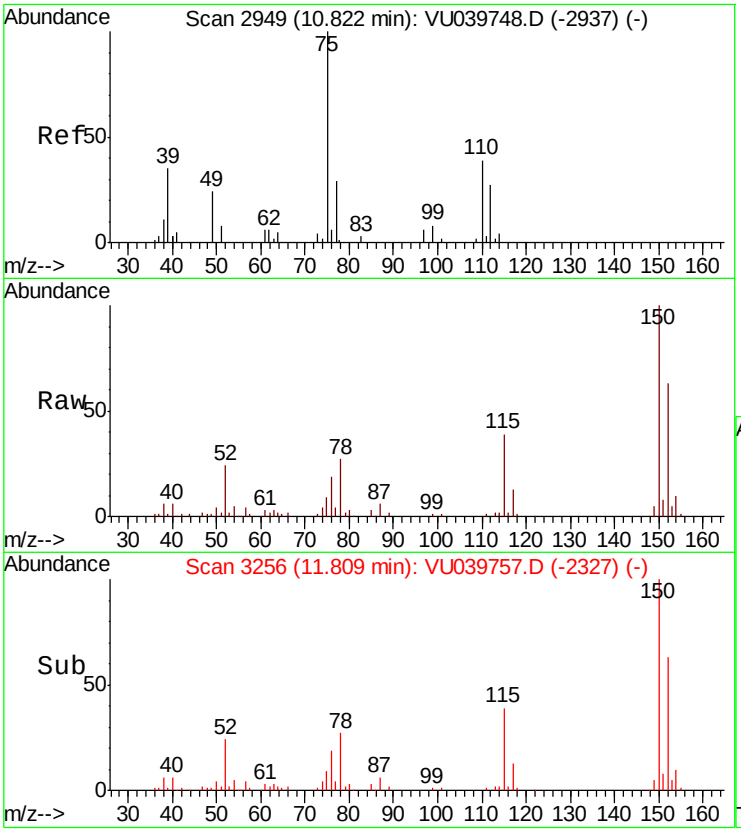


#48
2-Hexanone
Concen: 5.423 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Tgt Ion: 43 Resp: 15496

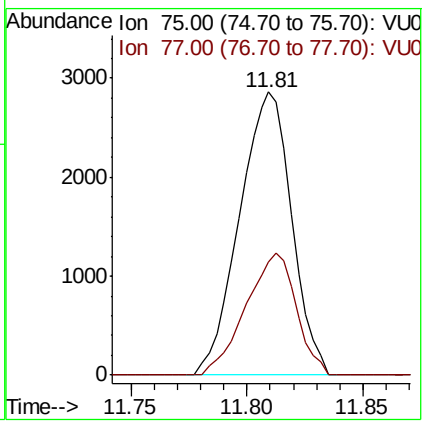
Ion	Ratio	Lower	Upper
43	100		
58	34.4	41.8	62.8#
57	28.7	14.2	21.4#
100	0.8	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 1.168 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039757.D
Acq: 06 Aug 2020 15:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4461

Ion	Ratio	Lower	Upper
75	100		
77	41.8	24.6	37.0#