Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040230.D
Acq On : 21 Sep 2020 13:48
Operator : SY/MD
Sample : L4078-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AN4

Quant Time: Sep 22 07:14:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	630662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	602709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	273686	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	185074	5.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.60%			
7) Chloroethane-d5	1.92	69	145736	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.58	63	312499	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.66	46	125578	9.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 18.24%#			
24) Chloroform-d	5.08	84	366951	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.72	65	233280	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.74	84	718241	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.70	67	230177	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.90	98	648835	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
43) trans-1,3-Dichloropropene-	8.18	79	106340	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.64	63	95712	9.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 18.96%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	197364	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	236019	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	2790	0.049	ug/L #	22
25) Chloroform	5.11	83	15405	0.139	ug/L	93
33) Benzene	5.75	78	6020	0.028	ug/L	100
34) Trichloroethene	6.55	95	4240	0.073	ug/L	96
35) Methylcyclohexane	6.70	83	56413	0.637	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	27425	0.470	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	8345	0.097	ug/L #	66
44) trans-1,3-Dichloropropene	8.19	75	5264	0.066	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	40975	0.947	ug/L #	84

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

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Quant Title : TRACE VOA SOM01.0
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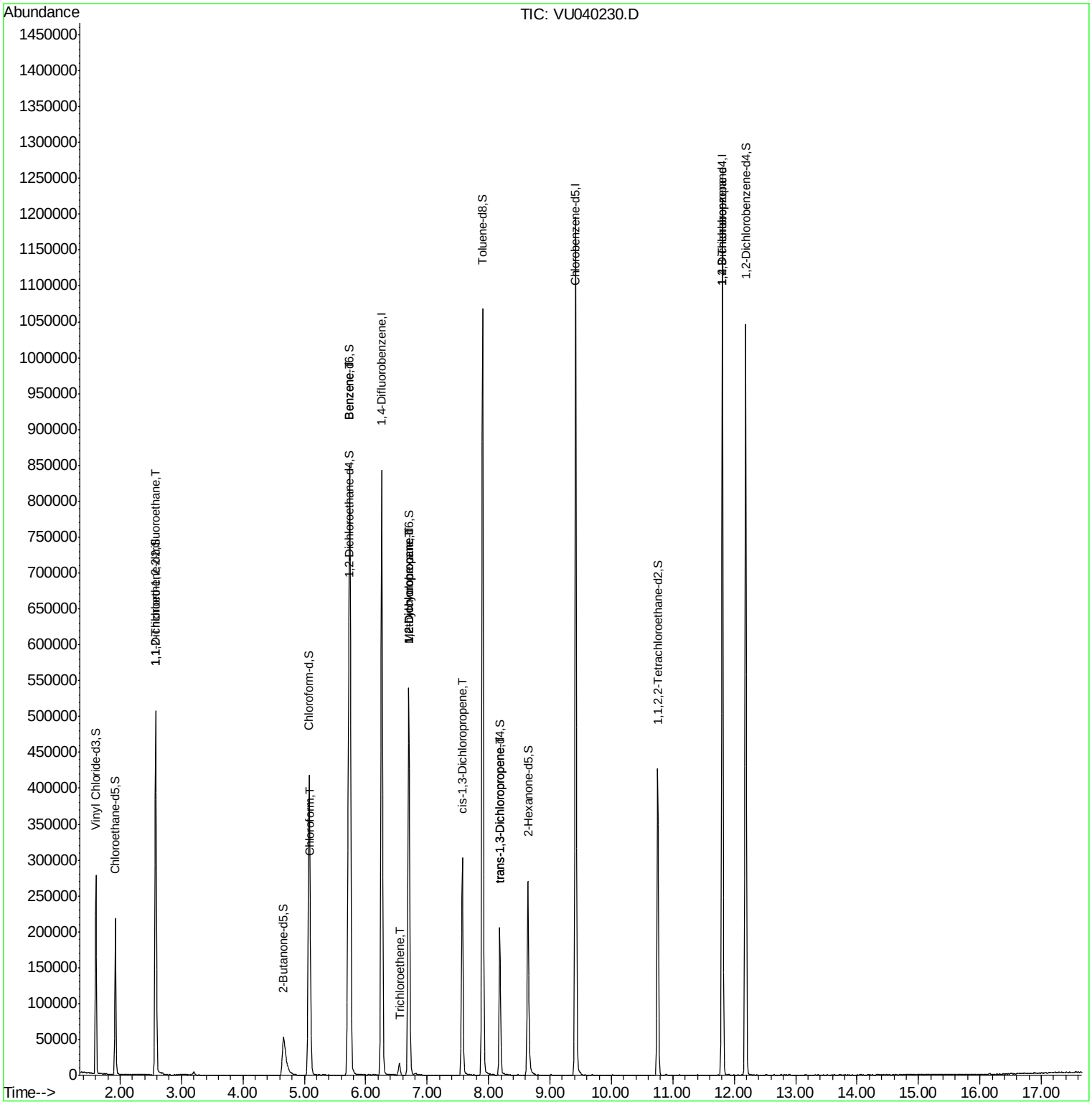
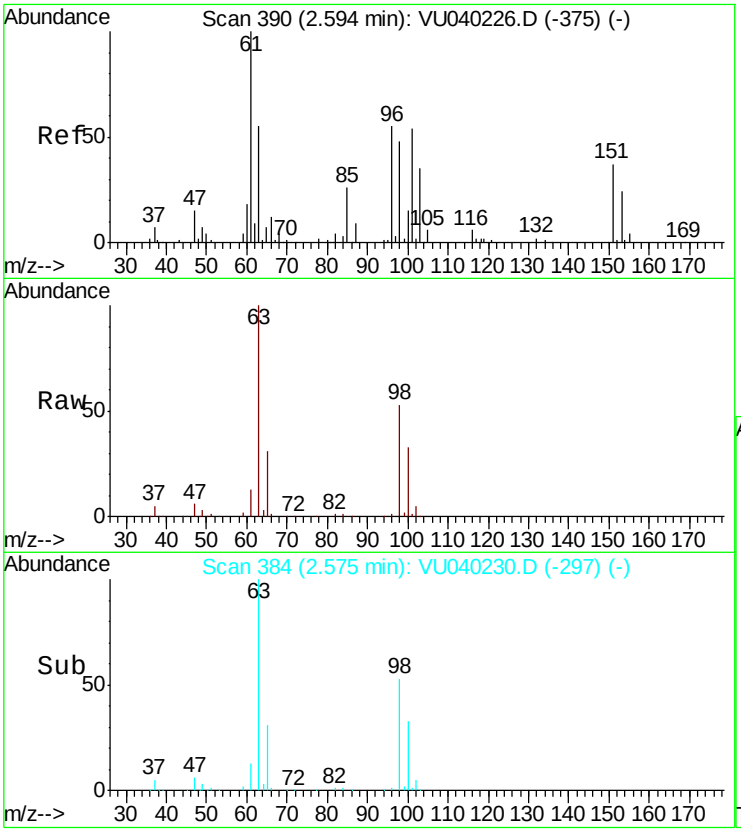


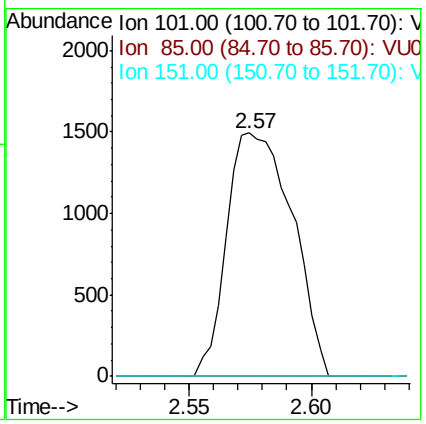


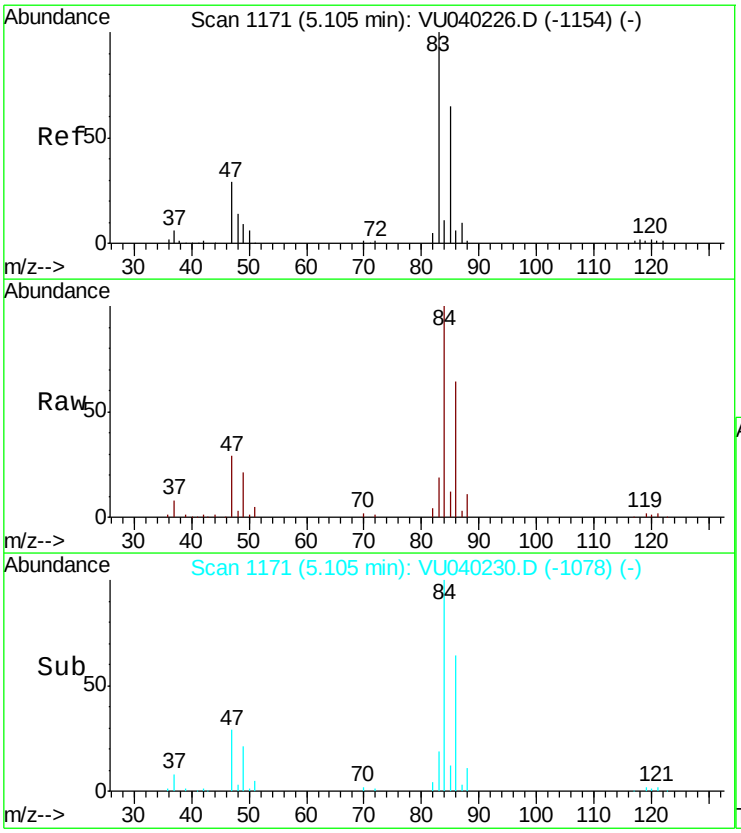
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
C0AN4

Tgt Ion:101 Resp: 2790

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.7	56.5#
151	0.0	53.9	80.9#

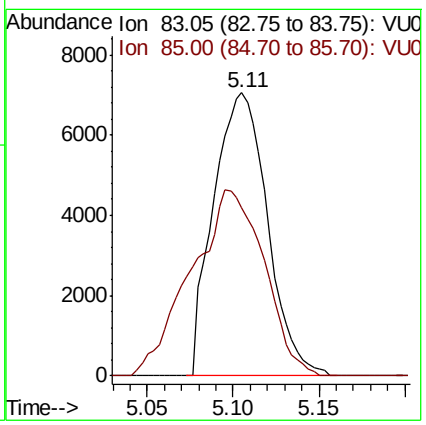


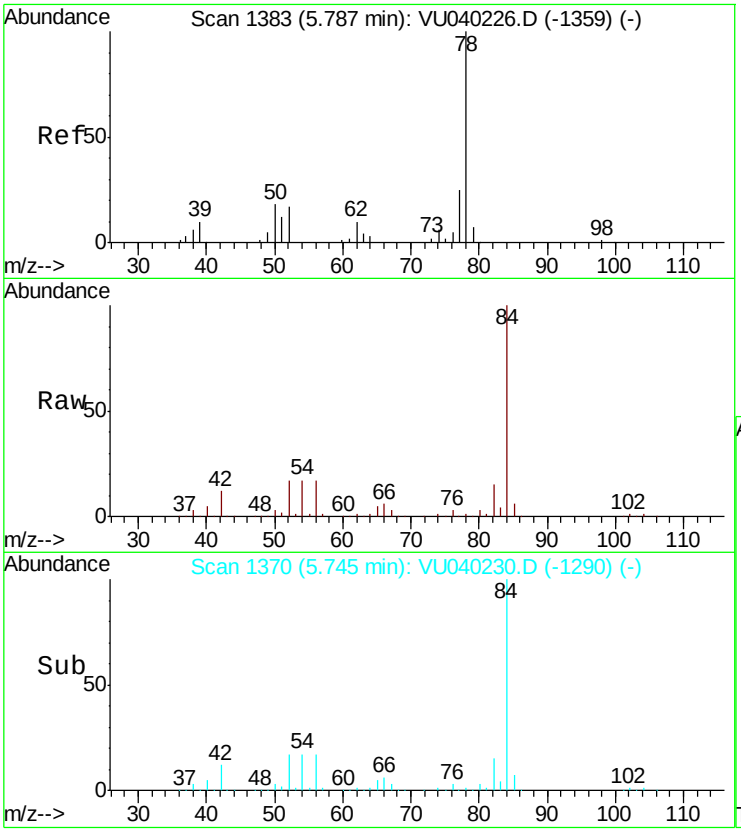


#25
Chloroform
Concen: 0.139 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Tgt Ion: 83 Resp: 15405

Ion	Ratio	Lower	Upper
83	100		
85	59.4	45.3	84.1

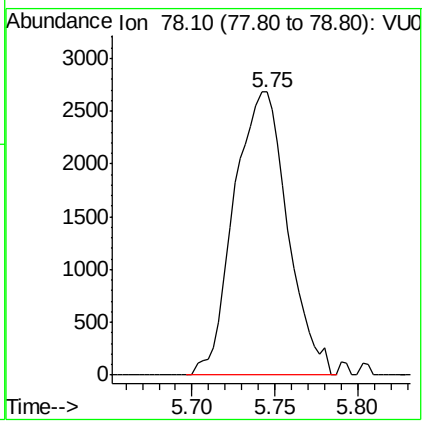


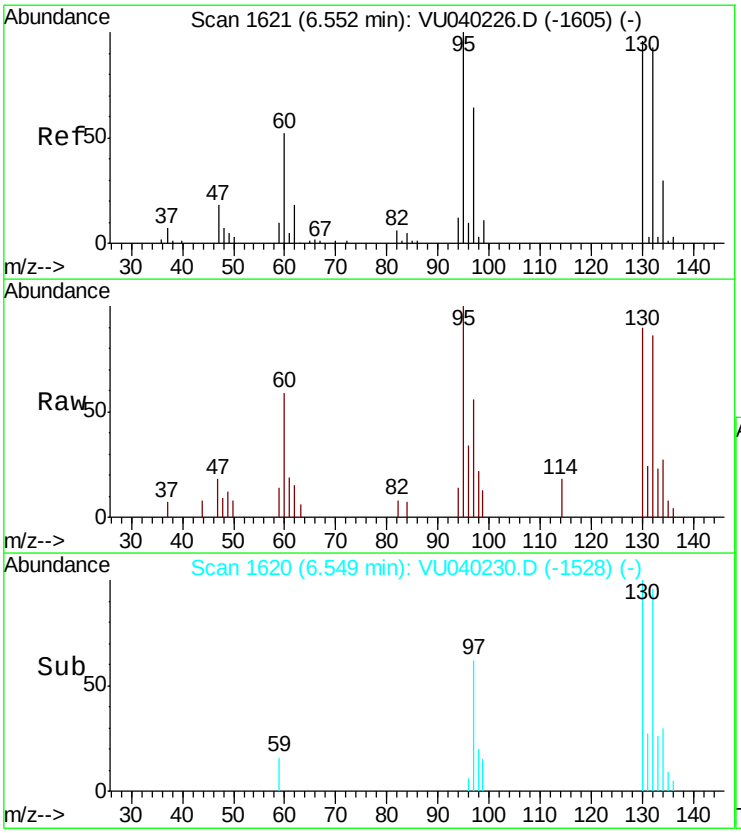


#33
Benzene
Concen: 0.028 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
C0AN4

Tgt Ion: 78 Resp: 6020

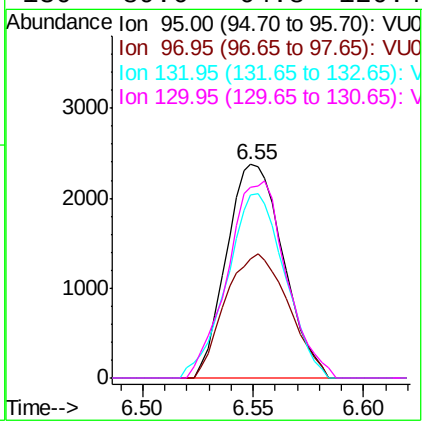


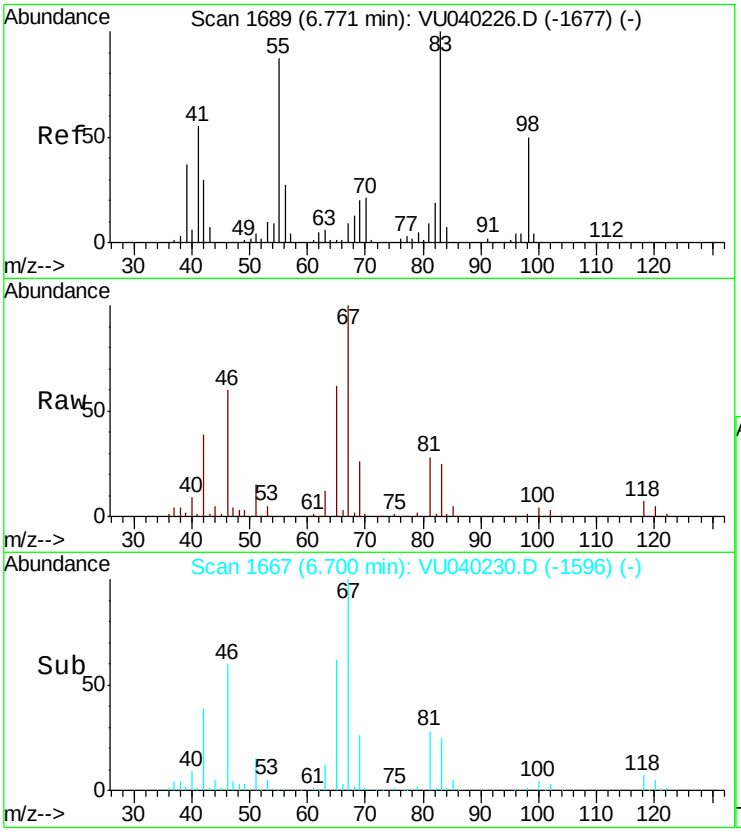


#34
Trichloroethene
Concen: 0.073 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Tgt Ion: 95 Resp: 4240

Ion	Ratio	Lower	Upper
95	100		
97	55.9	43.3	80.5
132	85.8	59.4	110.4
130	89.6	64.8	120.4



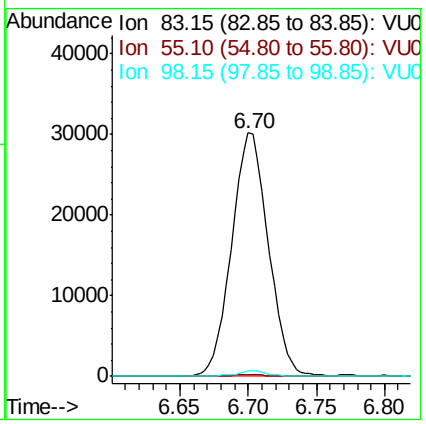


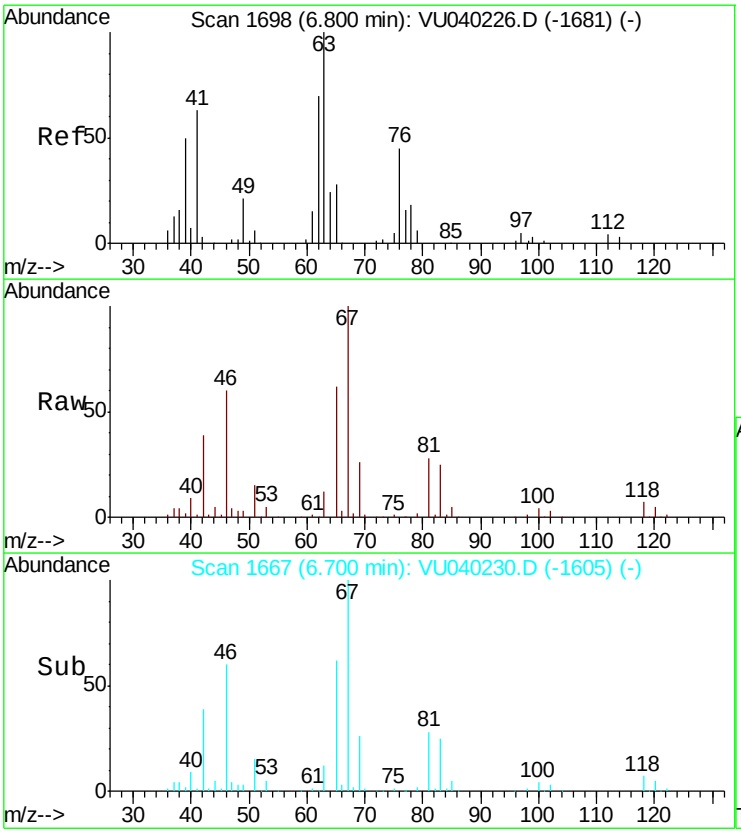
#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Instrument : MSVOA_U
ClientSampleId : C0AN4

Tgt Ion: 83 Resp: 56413

Ion	Ratio	Lower	Upper
83	100		
55	0.4	70.5	105.7#
98	1.7	37.8	56.6#

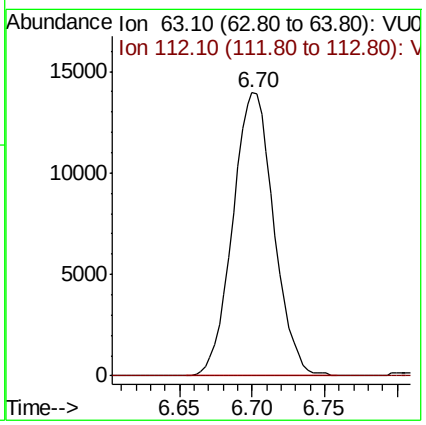


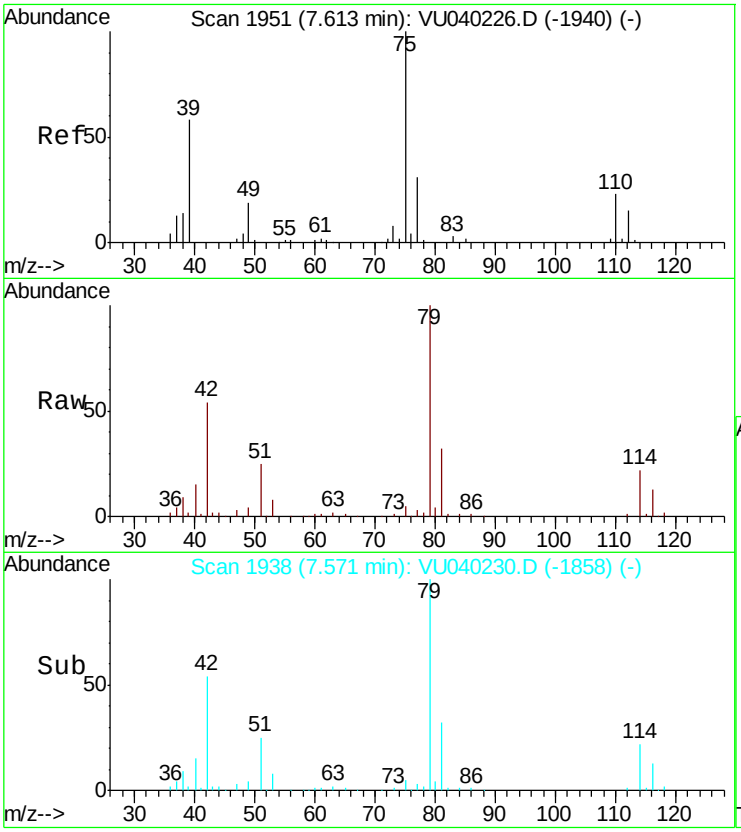


#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Tgt Ion: 63 Resp: 27425

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.2	4.8#



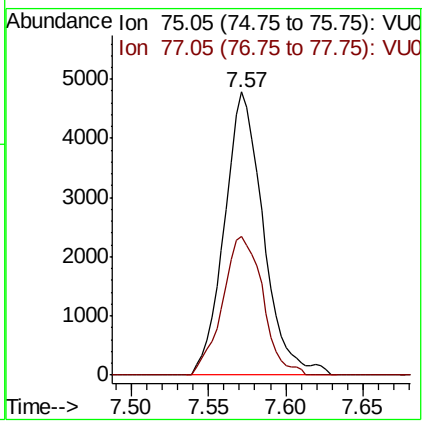


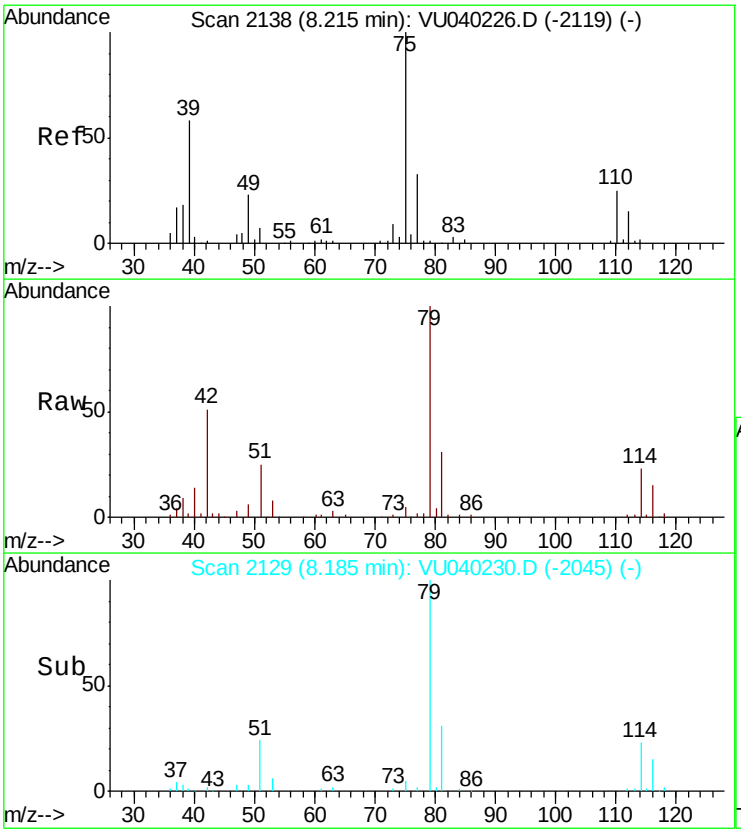
#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
C0AN4

Tgt Ion: 75 Resp: 8345

Ion	Ratio	Lower	Upper
75	100		
77	48.9	21.1	39.3#

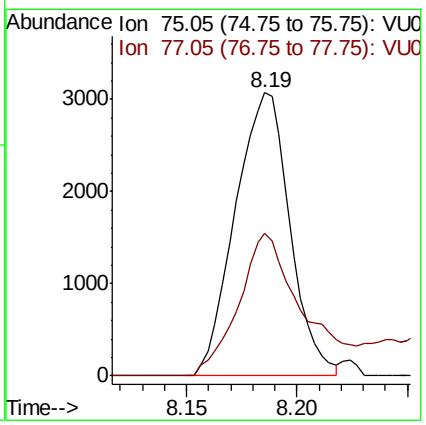


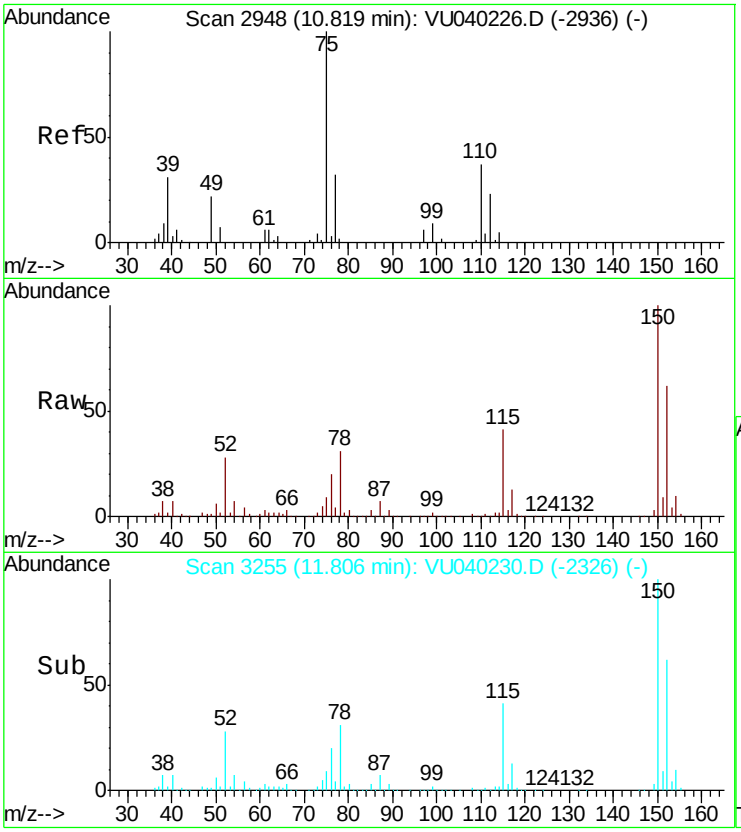


#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Tgt Ion: 75 Resp: 5264

Ion	Ratio	Lower	Upper
75	100		
77	50.2	23.9	44.3#





#59
1,2,3-Trichloropropane
Concen: 0.947 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040230.D
Acq: 21 Sep 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
C0AN4

Tgt Ion: 75 Resp: 40975

Ion	Ratio	Lower	Upper
75	100		
77	39.7	24.9	37.3#