Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039888.D
Acq On : 17 Aug 2020 15:27
Operator : SY/MD
Sample : L3517-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4M04

Quant Time: Aug 18 04:26:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35099	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17911	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.92	69	20307	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.58	63	25961	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.65	46	94934	54.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.40%			
24) Chloroform-d	5.08	84	46266	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.72	65	27937	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.74	84	82201	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.70	67	29776	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.91	98	65723	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	8.19	79	10756	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.64	63	67673	54.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28341	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30225	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
3) Chloromethane	1.59	50	3030	0.489	ug/L #	72
5) Vinyl chloride	1.61	62	79236	13.336	ug/L	94
13) Acetone	2.66	43	1641	1.604	ug/L	87
18) trans-1,2-Dichloroethene	3.37	96	5967	1.230	ug/L	98
21) 2-Butanone	4.83	43	5045	3.129	ug/L #	53
22) cis-1,2-Dichloroethene	4.69	96	35238	6.676	ug/L	97
34) Trichloroethene	6.26	95	1392	0.268	ug/L #	4
35) Methylcyclohexane	6.70	83	6835	0.824	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3681	0.693	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	988	0.136	ug/L	98
42) Toluene	7.97	91	1787	0.085	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	4618	1.205	ug/L #	69

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

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Instrument : MSVOA_U
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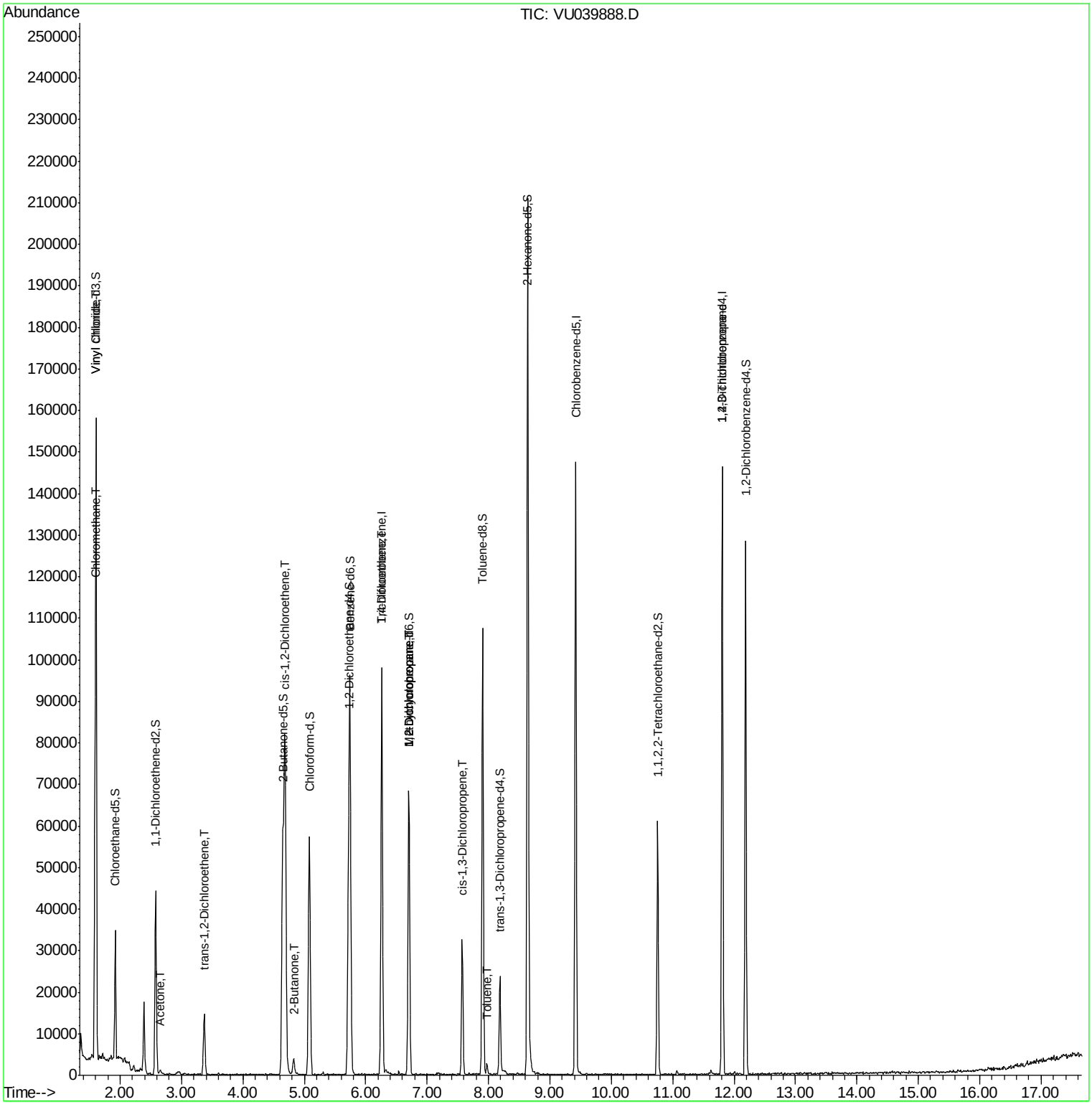
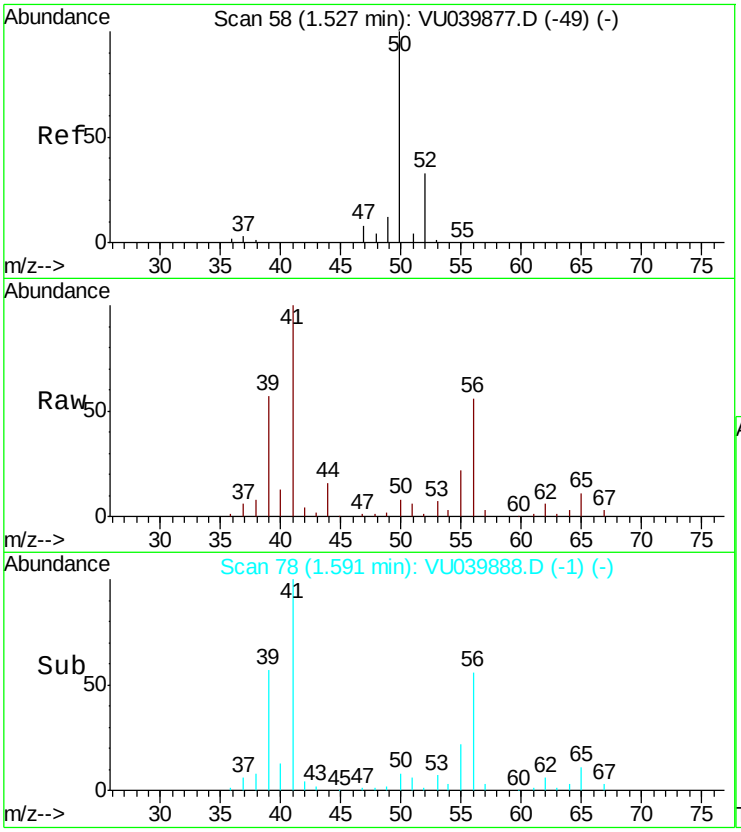
Quant Time: Aug 18 04:26:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration



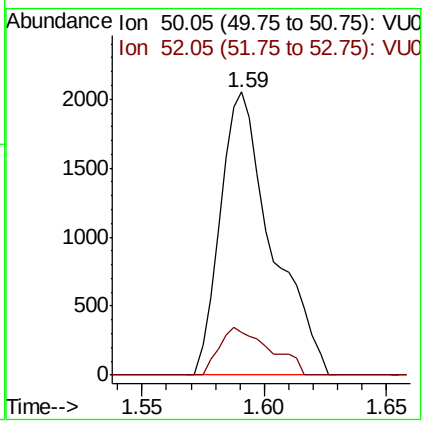


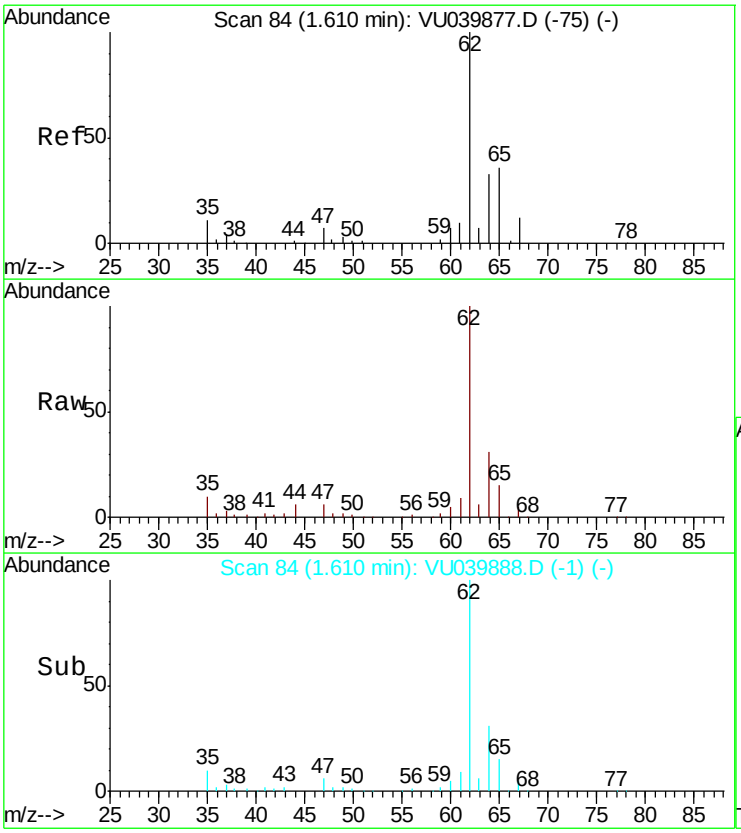
#3
Chloromethane
Concen: 0.489 ug/L
RT: 1.59 min Scan# 78
Delta R.T. 0.06 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
F4M04

Tgt Ion: 50 Resp: 3030

Ion	Ratio	Lower	Upper
50	100		
52	15.2	21.6	40.0#

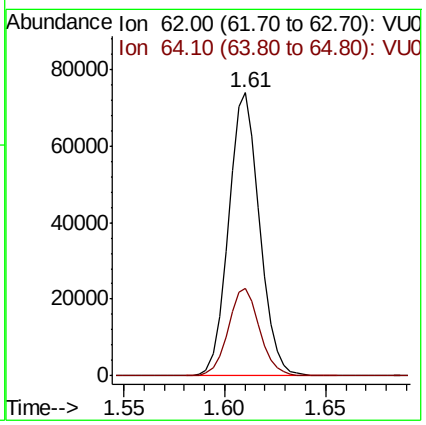


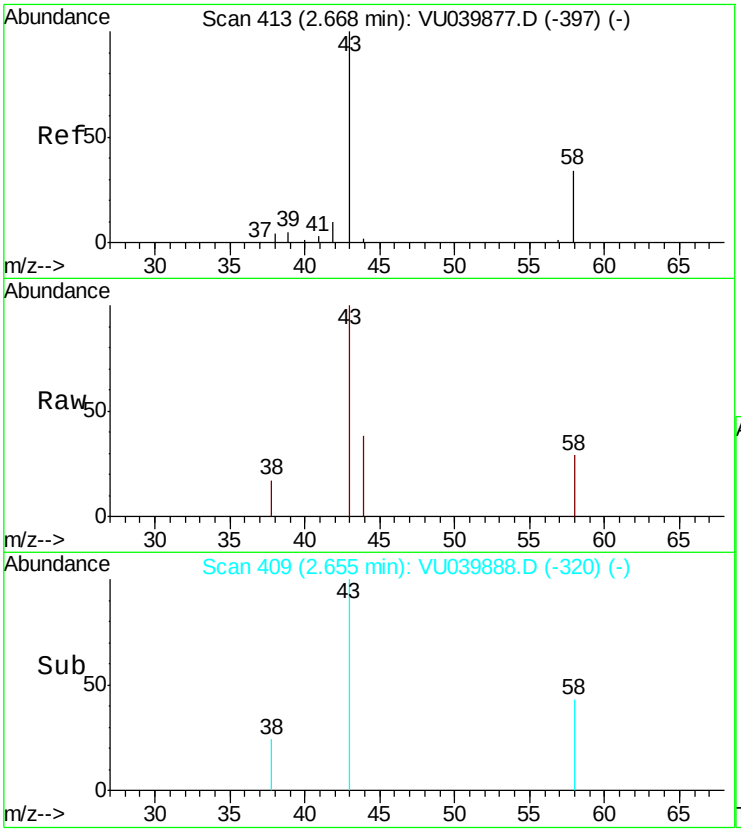


#5
Vinyl chloride
Concen: 13.336 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 62 Resp: 79236

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.1	44.7



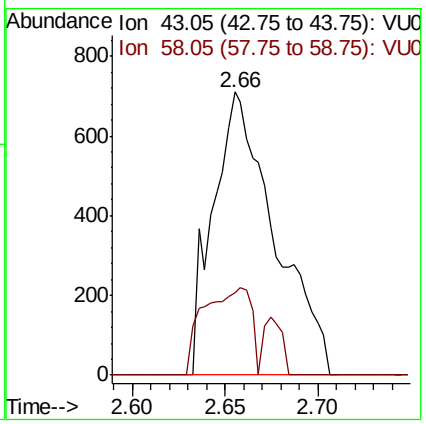


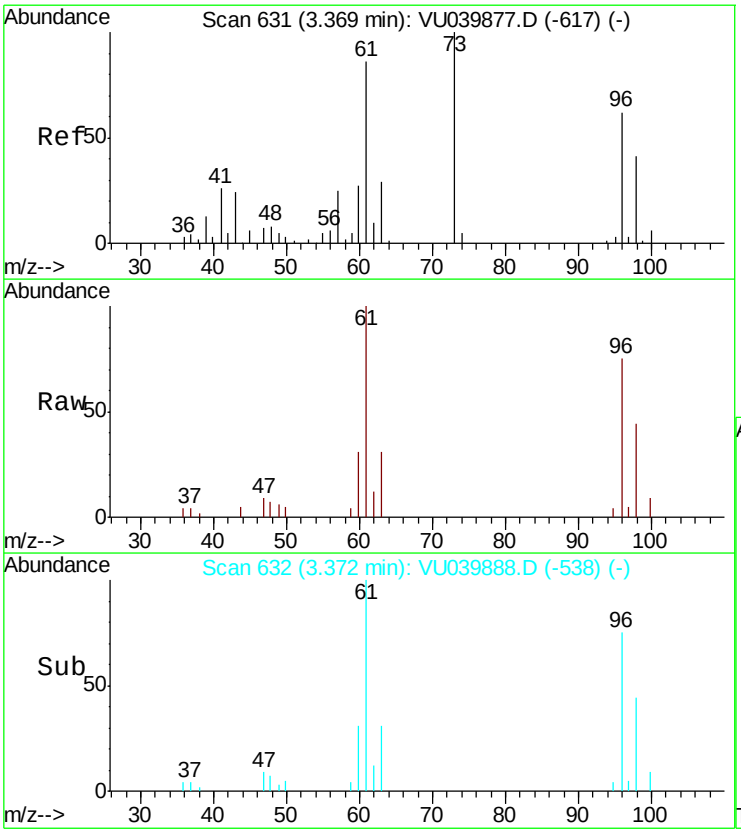
#13
Acetone
Concen: 1.604 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
F4M04

Tgt Ion: 43 Resp: 1641

Ion	Ratio	Lower	Upper
43	100		
58	23.6	0.0	61.8

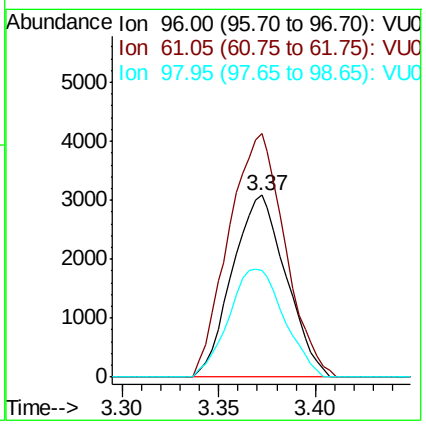


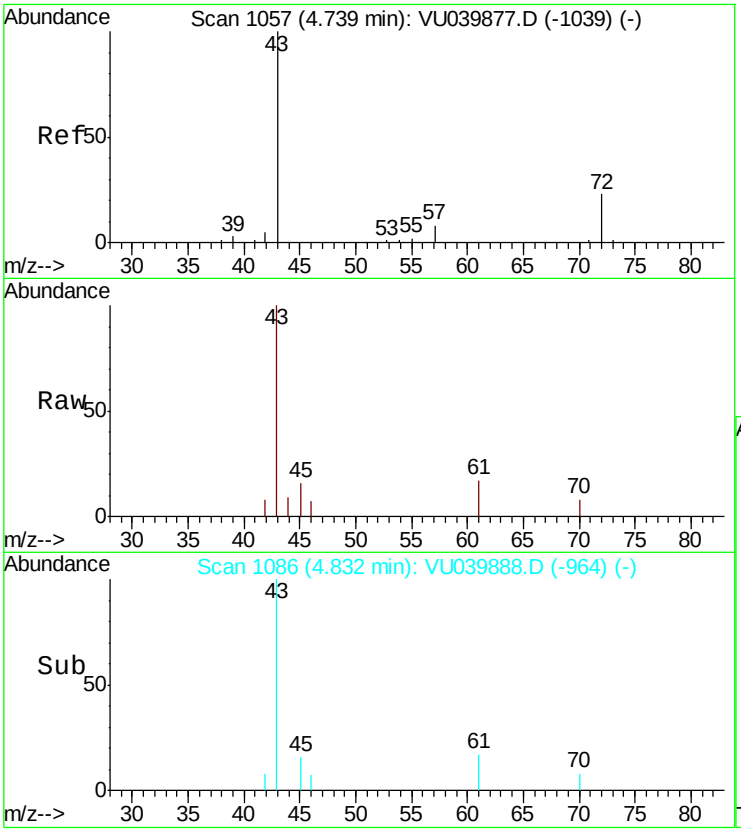


#18
trans-1,2-Dichloroethene
Concen: 1.230 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 96 Resp: 5967

Ion	Ratio	Lower	Upper
96	100		
61	133.9	96.5	179.1
98	58.7	40.9	76.0



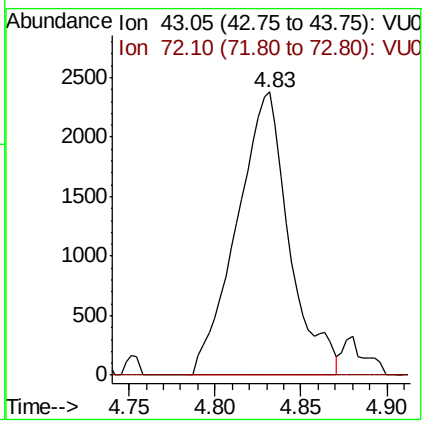


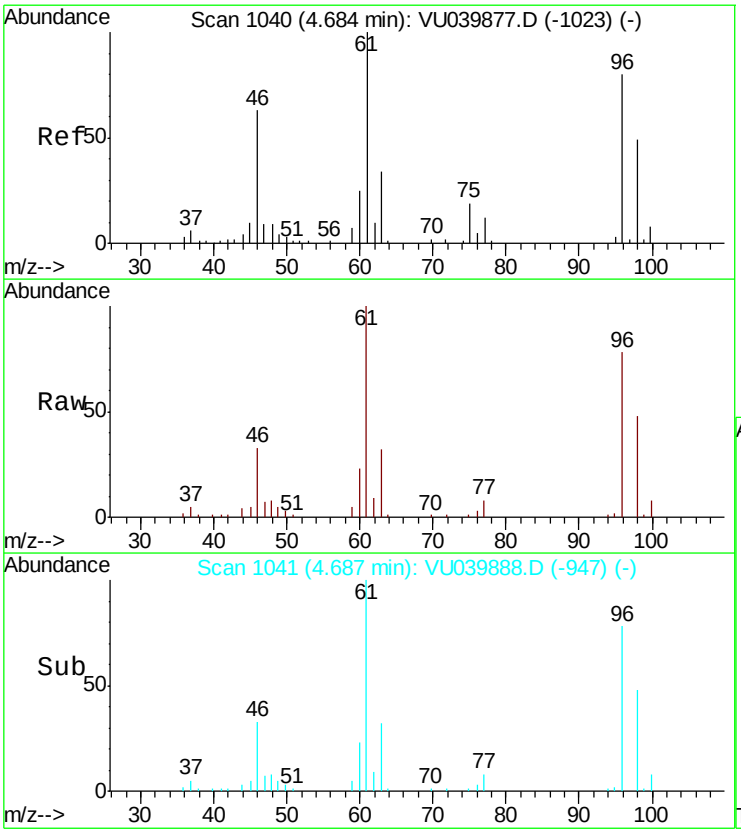
#21
2-Butanone
Concen: 3.129 ug/L
RT: 4.83 min Scan# 1086
Delta R.T. 0.09 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument : MSVOA_U
ClientSampleId : F4M04

Tgt Ion: 43 Resp: 5045

Ion	Ratio	Lower	Upper
43	100		
72	1.9	13.0	39.0#

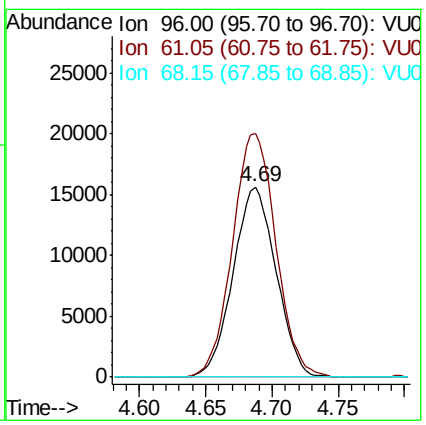


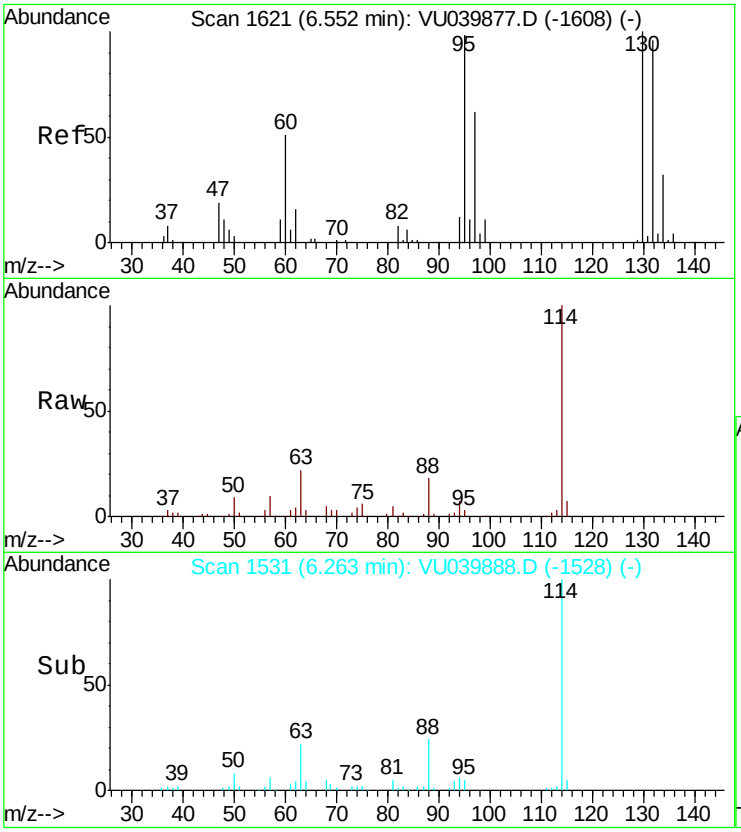


#22
cis-1,2-Dichloroethene
Concen: 6.676 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 96 Resp: 35238

Ion	Ratio	Lower	Upper
96	100		
61	128.1	87.4	162.2
68	0.0	0.0	0.0



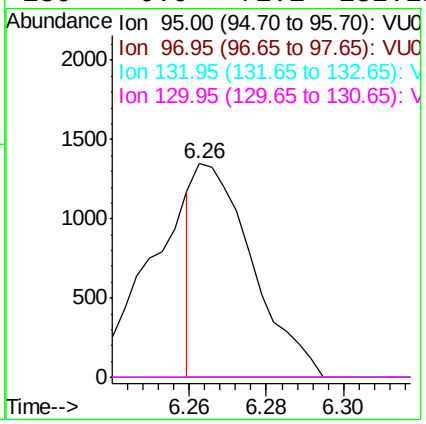


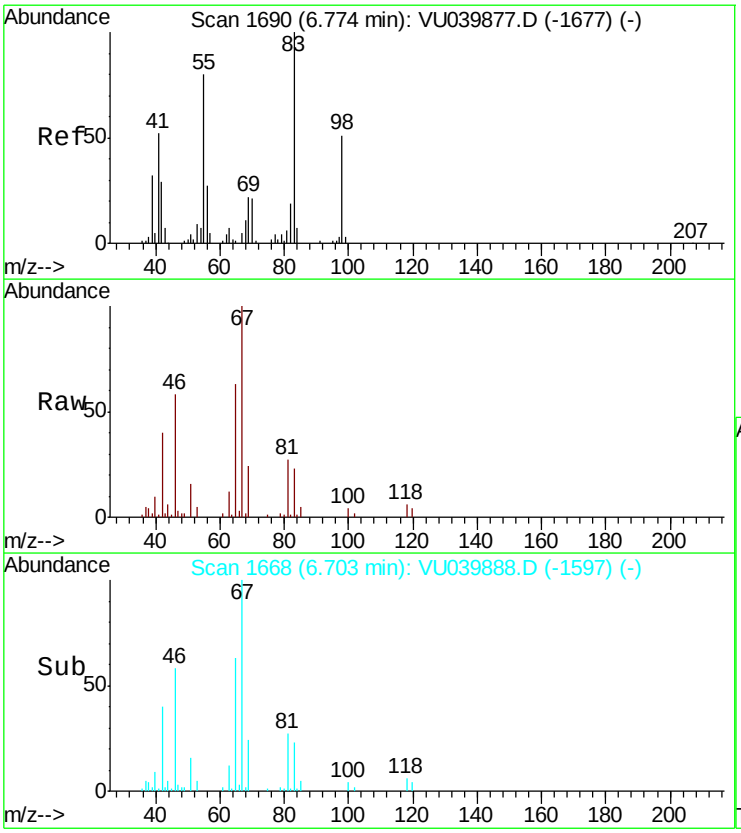
#34
Trichloroethene
Concen: 0.268 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
F4M04

Tgt Ion: 95 Resp: 1392

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.0	81.8#
132	0.0	71.7	133.3#
130	0.0	71.1	132.1#

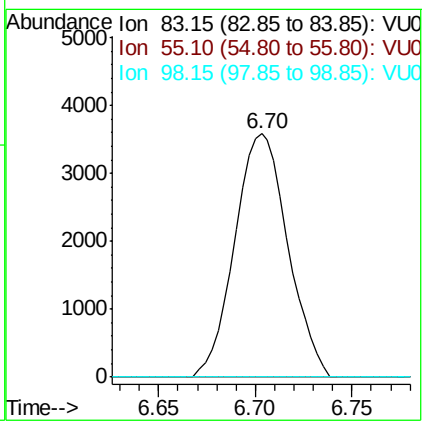


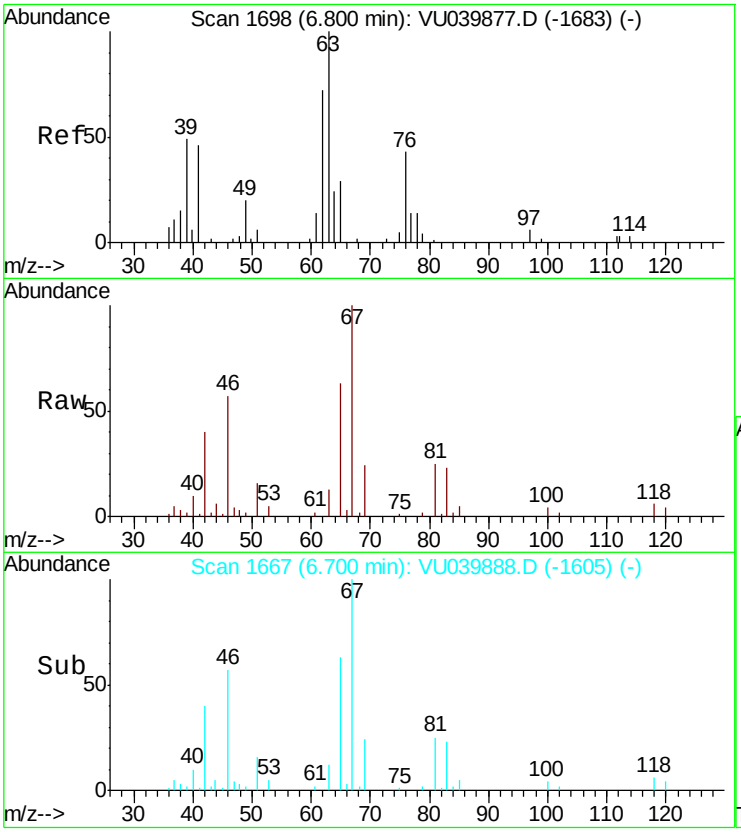


#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 83 Resp: 6835

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.3	39.0	58.4#



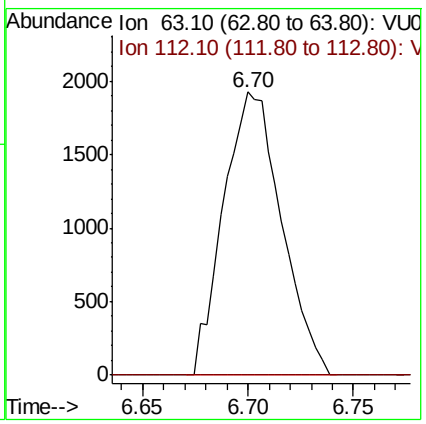


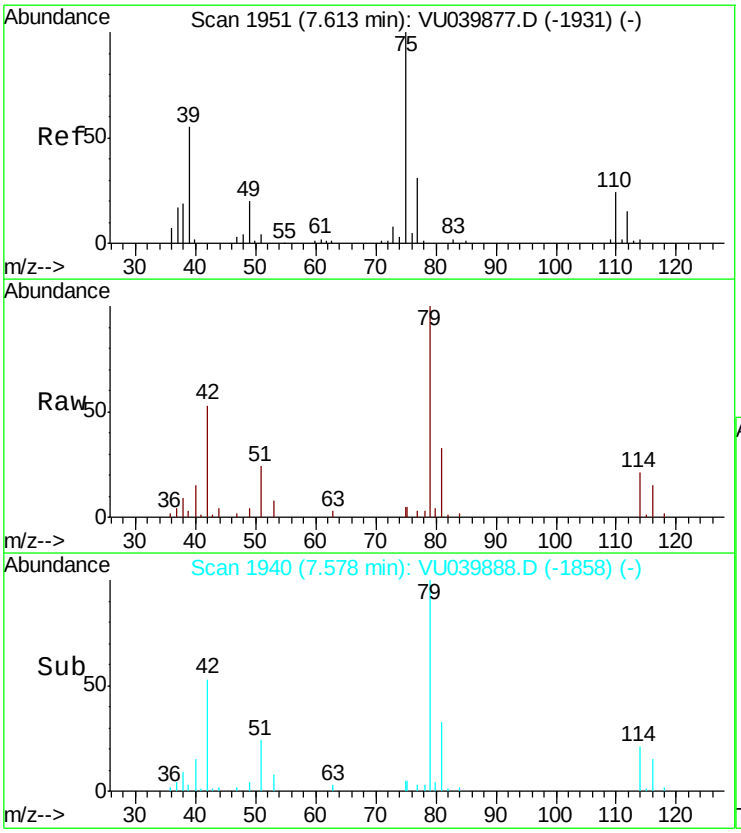
#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument : MSVOA_U
ClientSampleId : F4M04

Tgt Ion: 63 Resp: 3681

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

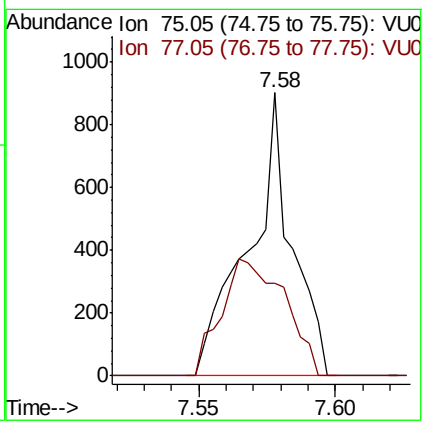


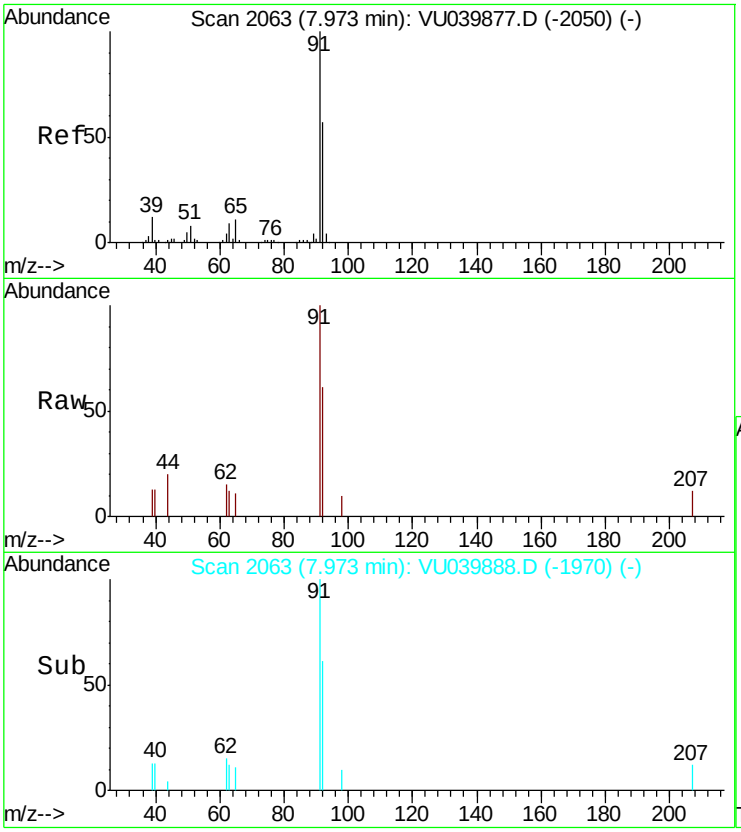


#39
cis-1,3-Dichloropropene
Concen: 0.136 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 75 Resp: 988

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.4	41.6



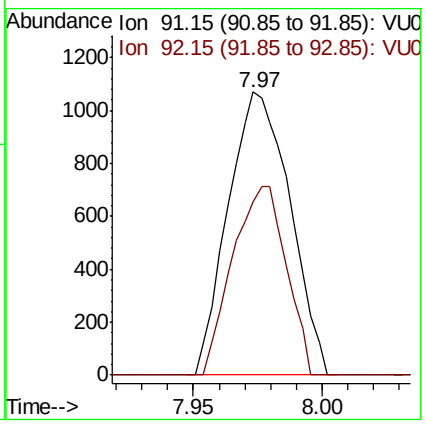


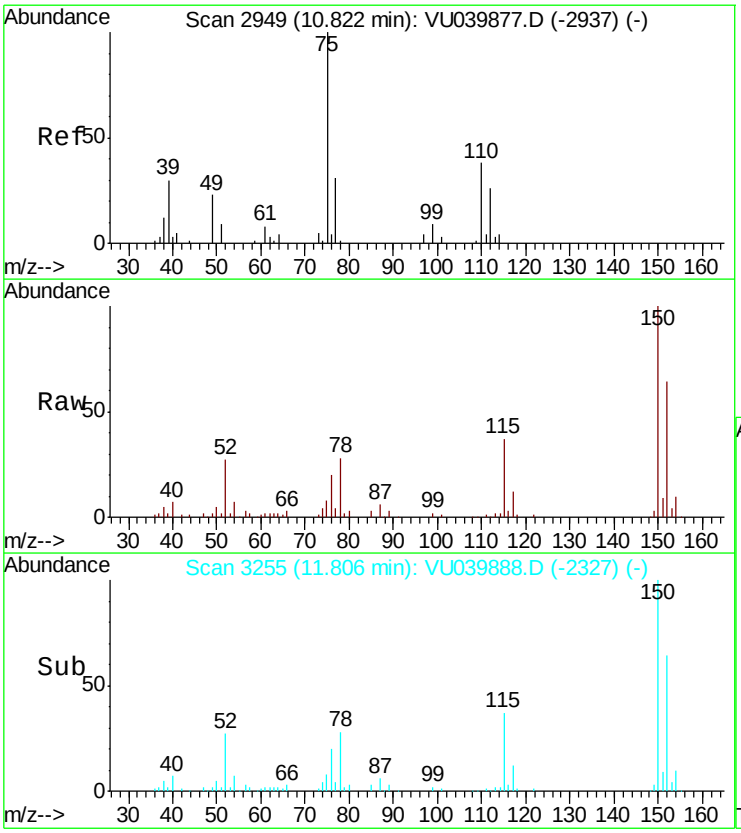
#42
Toluene
Concen: 0.085 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Instrument :
MSVOA_U
ClientSampleId :
F4M04

Tgt Ion: 91 Resp: 1787

Ion	Ratio	Lower	Upper
91	100		
92	61.1	41.6	77.3





#59
1,2,3-Trichloropropane
Concen: 1.205 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039888.D
Acq: 17 Aug 2020 15:27

Tgt Ion: 75 Resp: 4618

Ion	Ratio	Lower	Upper
75	100		
77	47.7	24.6	37.0#