Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081020\
Data File : VU039829.D
Acq On : 10 Aug 2020 17:22
Operator : SY/MD
Sample : VIBLK47
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 11 04:59:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20879	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.92	69	19647	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.58	63	29510	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.66	46	80538	44.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.96%			
24) Chloroform-d	5.08	84	44497	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.72	65	26303	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.74	84	81730	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.70	67	25207	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.91	98	59061	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	8.19	79	8755	3.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.00%			
46) 2-Hexanone-d5	8.64	63	50978	42.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24255	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30459	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
8) Chloroethane	1.93	64	1055	0.232	ug/L #	55
16) Methylene chloride	3.06	84	1588	0.217	ug/L #	74
22) cis-1,2-Dichloroethene	4.69	96	6590	1.197	ug/L	90
34) Trichloroethene	6.27	95	1514	0.302	ug/L #	4
35) Methylcyclohexane	6.70	83	6276	0.784	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3098	0.604	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	773	0.111	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	4998	1.351	ug/L	91

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

Quantitation Report (Not Reviewed)

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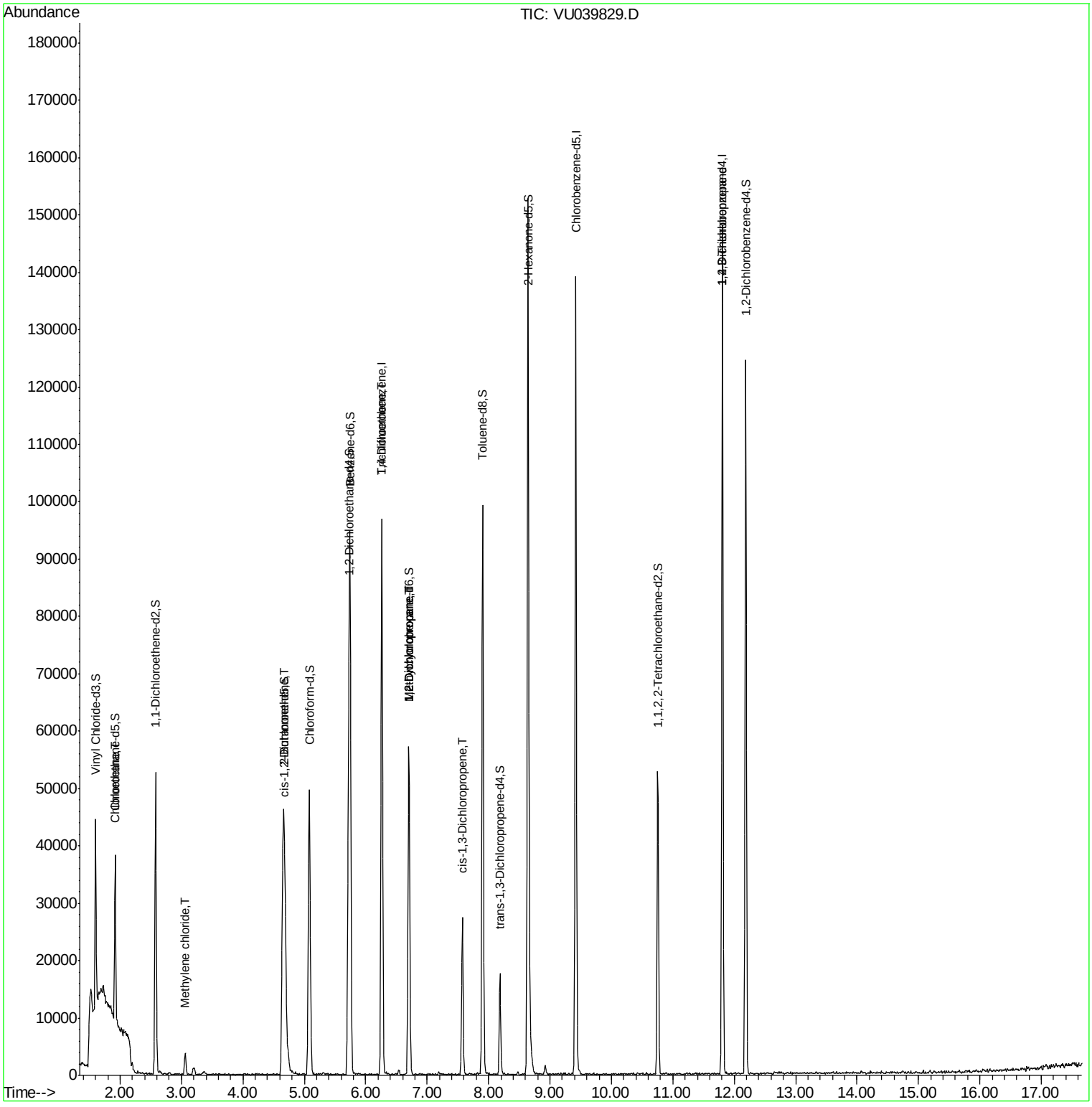
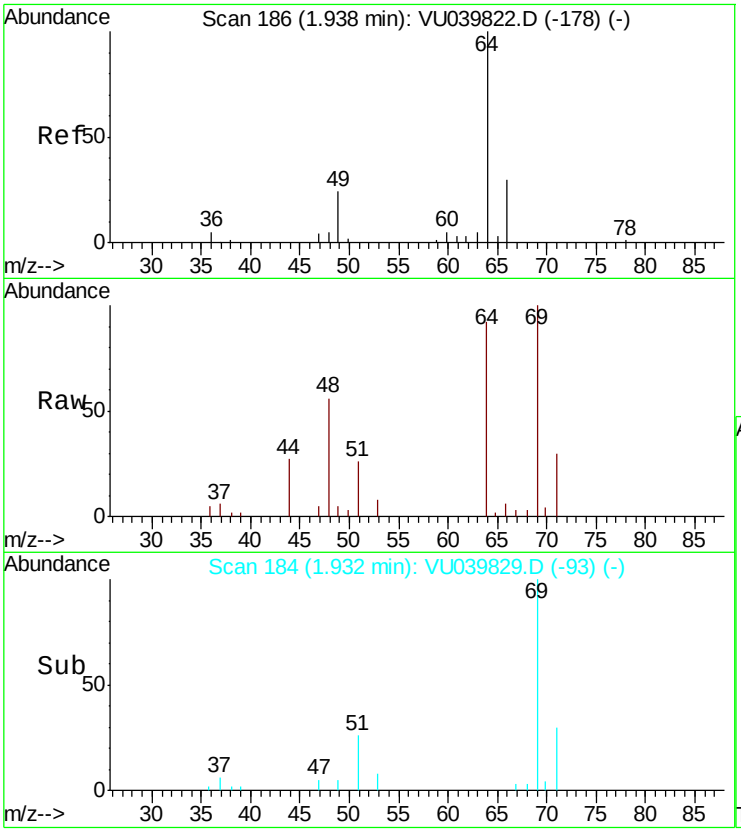
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 11 04:59:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 11 04:57:12 2020
Response via : Initial Calibration



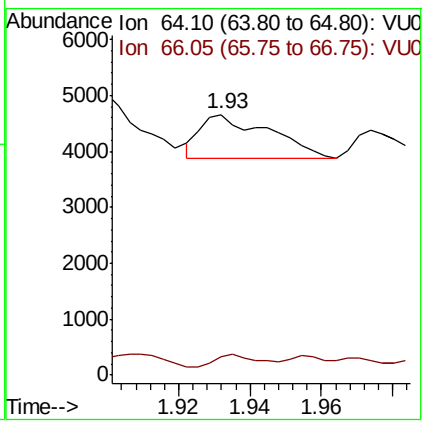


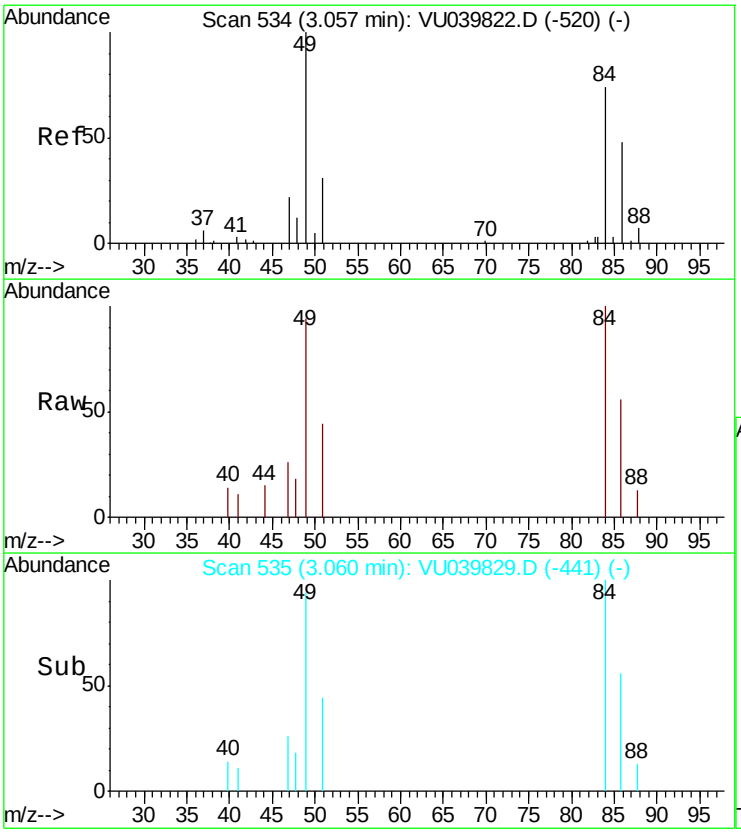
#8
Chloroethane
Concen: 0.232 ug/L
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 1055

Ion	Ratio	Lower	Upper
64	100		
66	6.7	22.3	41.3#

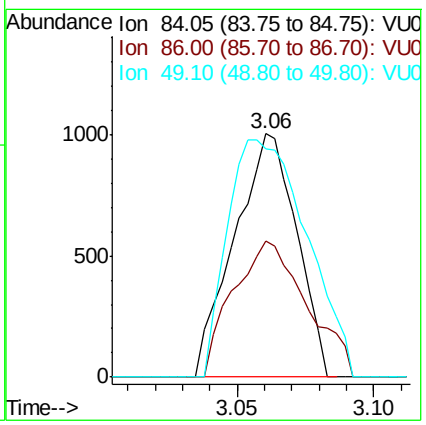


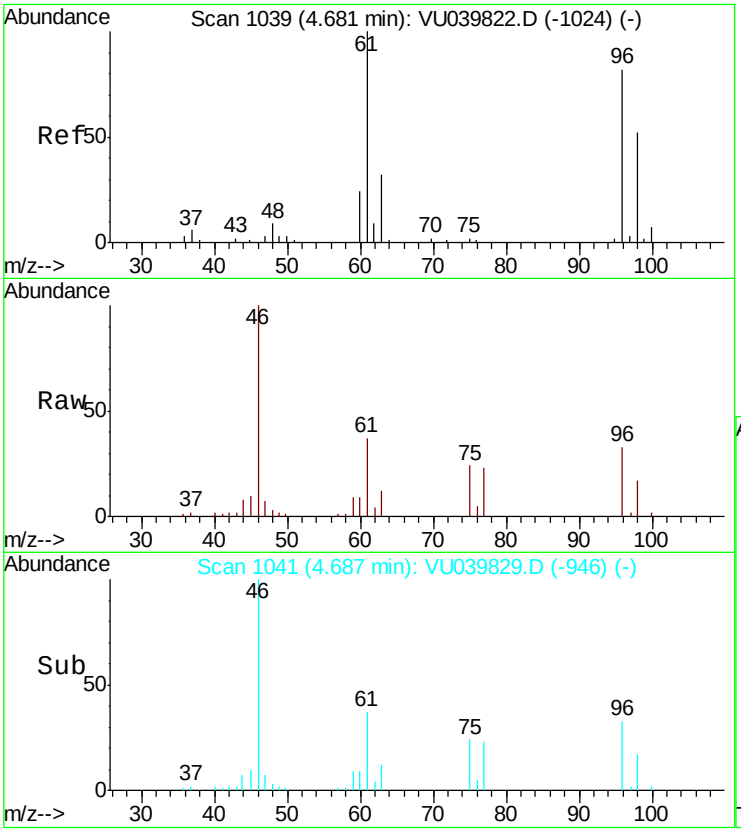


#16
Methylene chloride
Concen: 0.217 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Tgt Ion: 84 Resp: 1588

Ion	Ratio	Lower	Upper
84	100		
86	55.7	43.9	81.5
49	93.9	94.4	175.4#



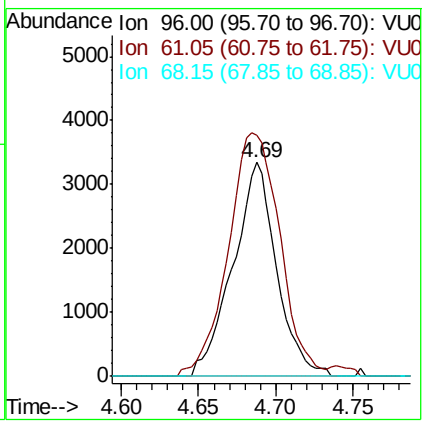


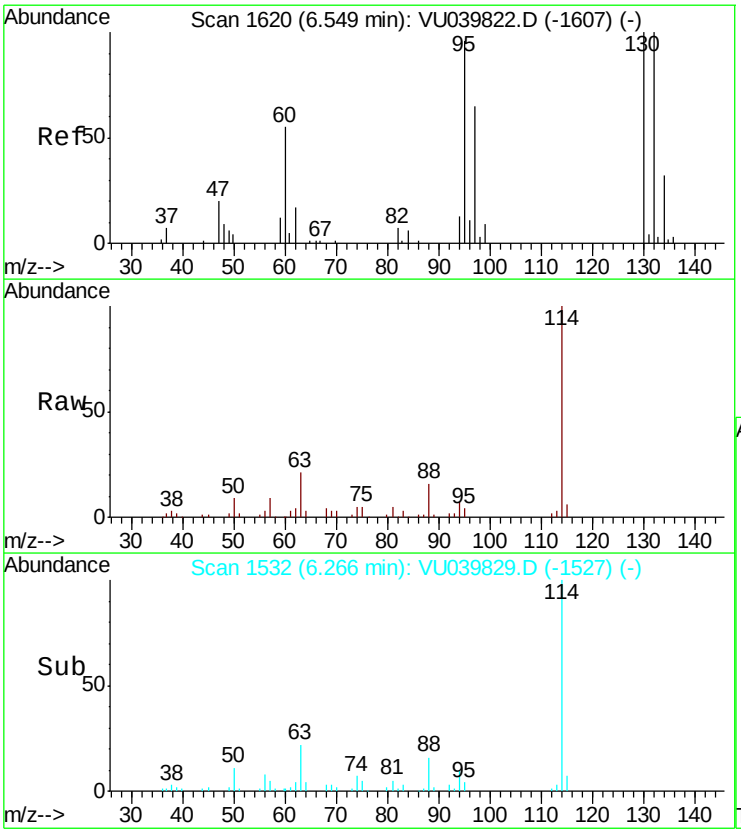
#22
cis-1,2-Dichloroethene
Concen: 1.197 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 6590

Ion	Ratio	Lower	Upper
96	100		
61	112.9	87.4	162.2
68	0.0	0.0	0.0

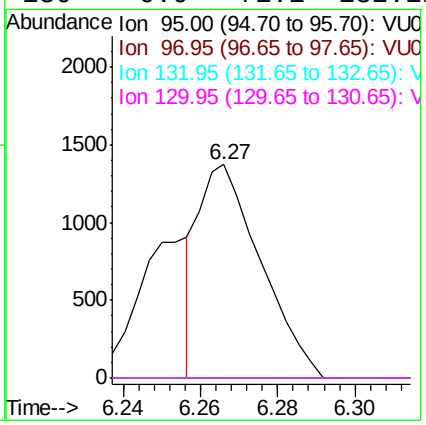


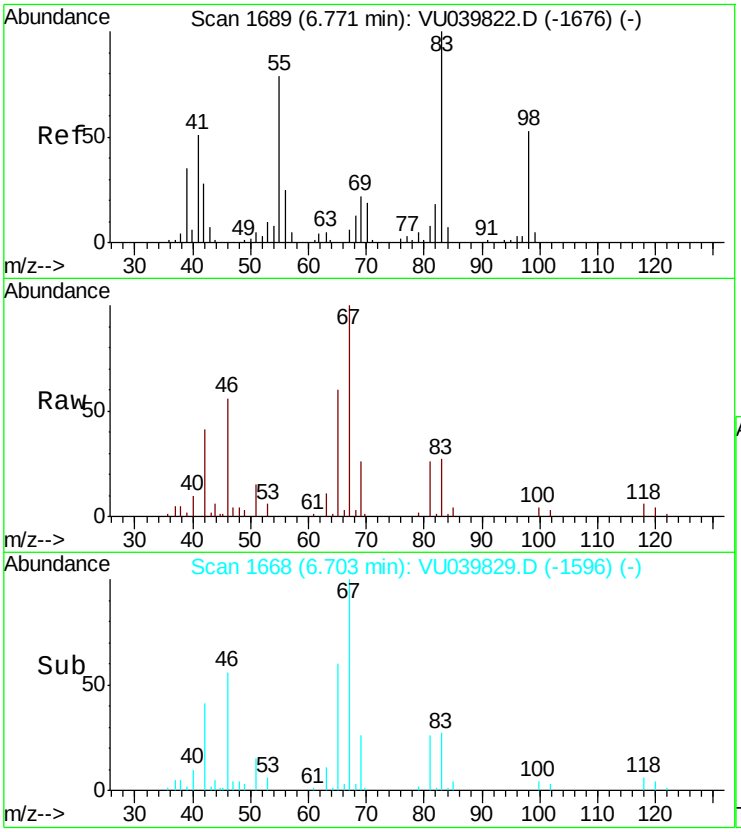


#34
Trichloroethene
Concen: 0.302 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.28 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Tgt Ion: 95 Resp: 1514

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#



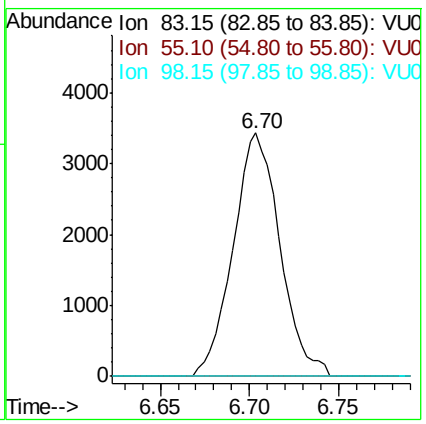


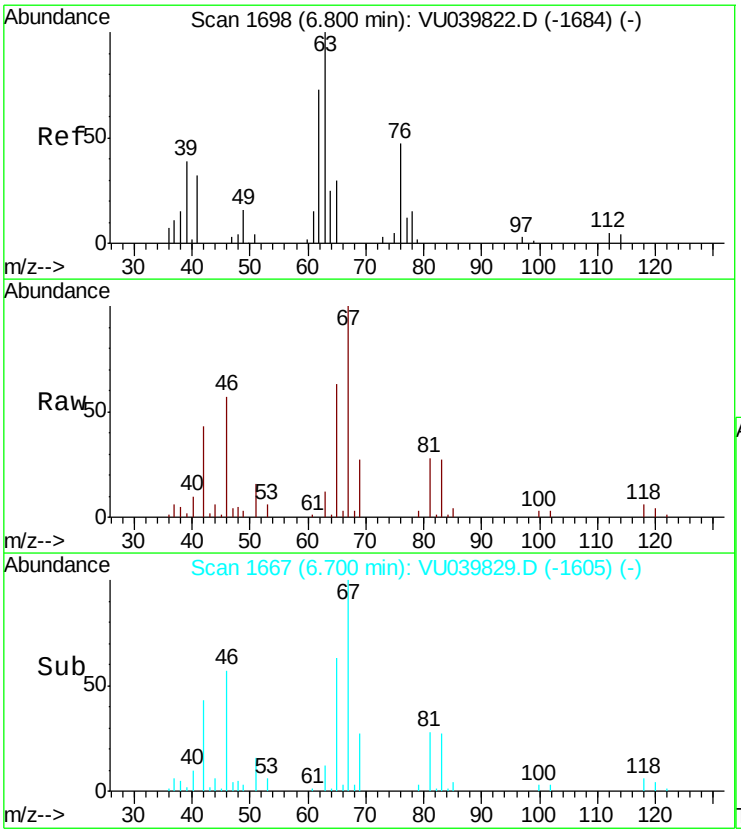
#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 6276

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

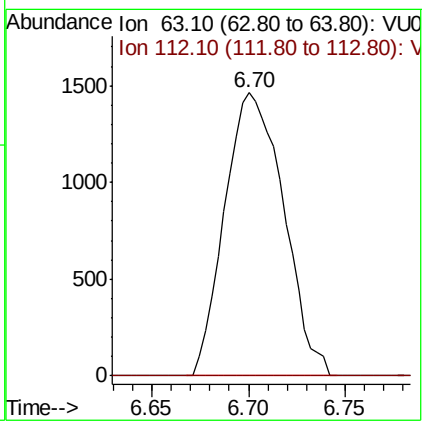


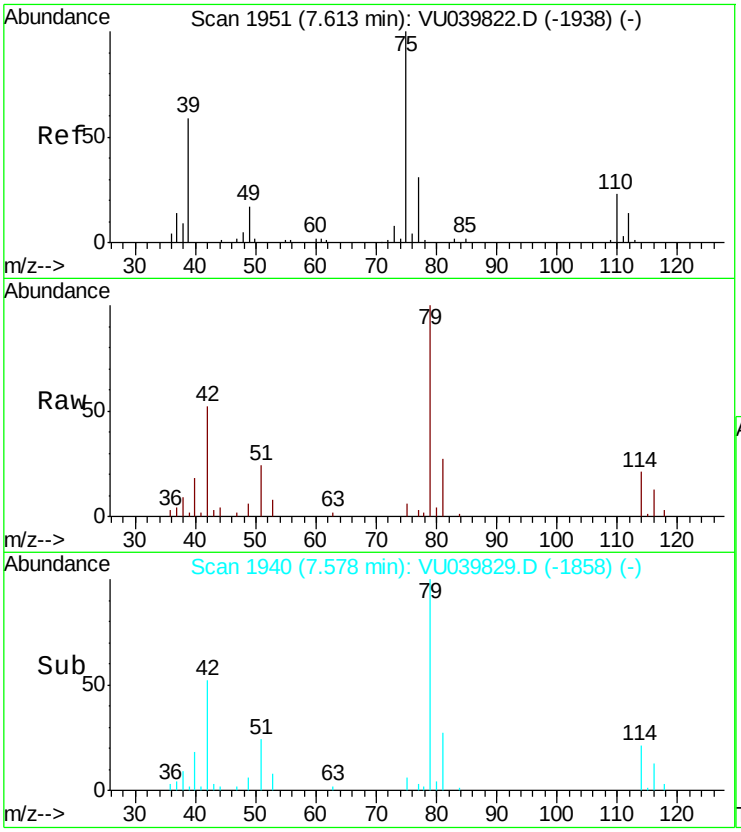


#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Tgt Ion: 63 Resp: 3098

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



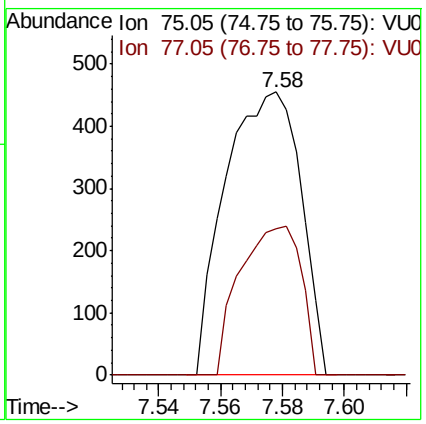


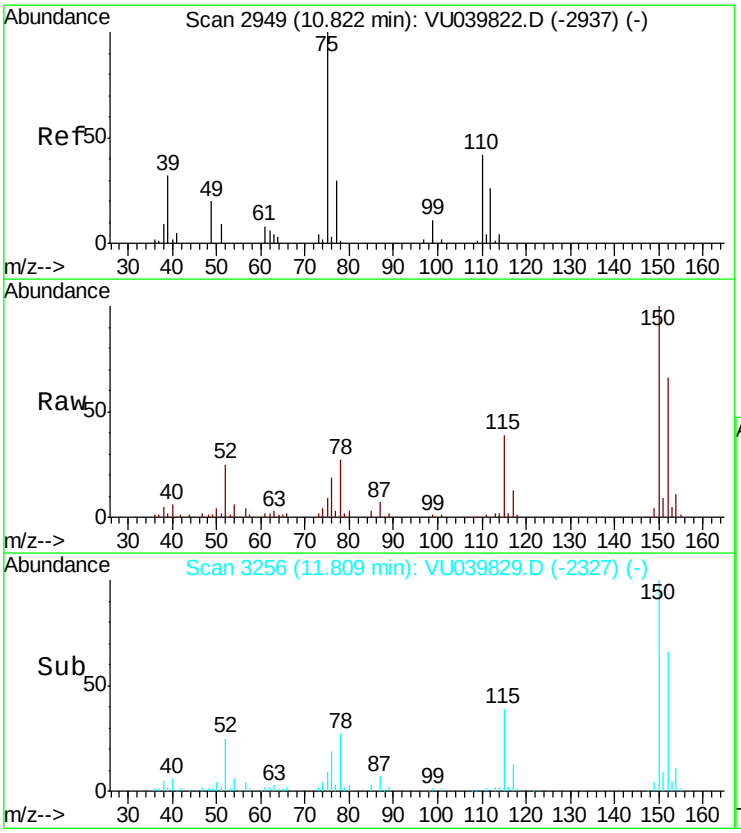
#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 773

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.4	41.6#





#59
1,2,3-Trichloropropane
Concen: 1.351 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039829.D
Acq: 10 Aug 2020 17:22

Tgt Ion: 75 Resp: 4998

Ion	Ratio	Lower	Upper
75	100		
77	35.6	24.6	37.0