Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039546.D
Acq On : 17 Jul 2020 12:58
Operator : SY/MD
Sample : L3313-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Jul 17 23:41:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	80536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35755	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	20657	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.93	69	23253	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.58	63	31353	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.65	46	100695	47.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.30%			
24) Chloroform-d	5.09	84	46889	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.72	65	31851	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.74	84	93776	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.71	67	32504	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.91	98	81735	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	8.19	79	12728	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.64	63	71577	41.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.56%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28244	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	32944	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.58	96	321	0.067	ug/L #	1
16) Methylene chloride	3.07	84	2540	0.422	ug/L	99
25) Chloroform	5.11	83	5064	0.483	ug/L	90
34) Trichloroethene	6.27	95	1490	0.246	ug/L #	7
35) Methylcyclohexane	6.71	83	7533	0.777	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3861	0.605	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1081	0.112	ug/L #	50
48) 2-Hexanone	8.69	43	3988	1.016	ug/L #	81
59) 1,2,3-Trichloropropane	11.81	75	5638	1.199	ug/L	91

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

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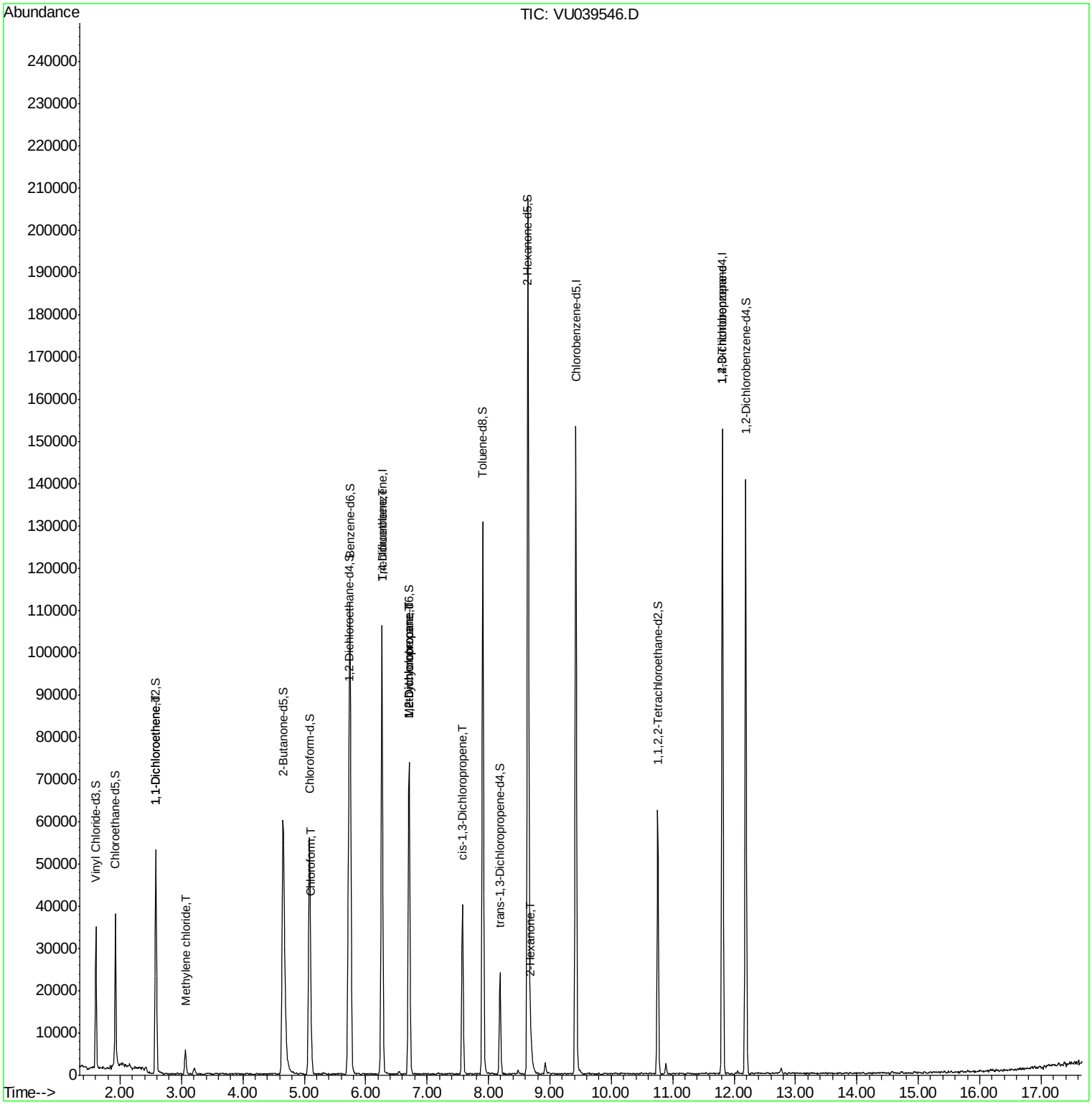
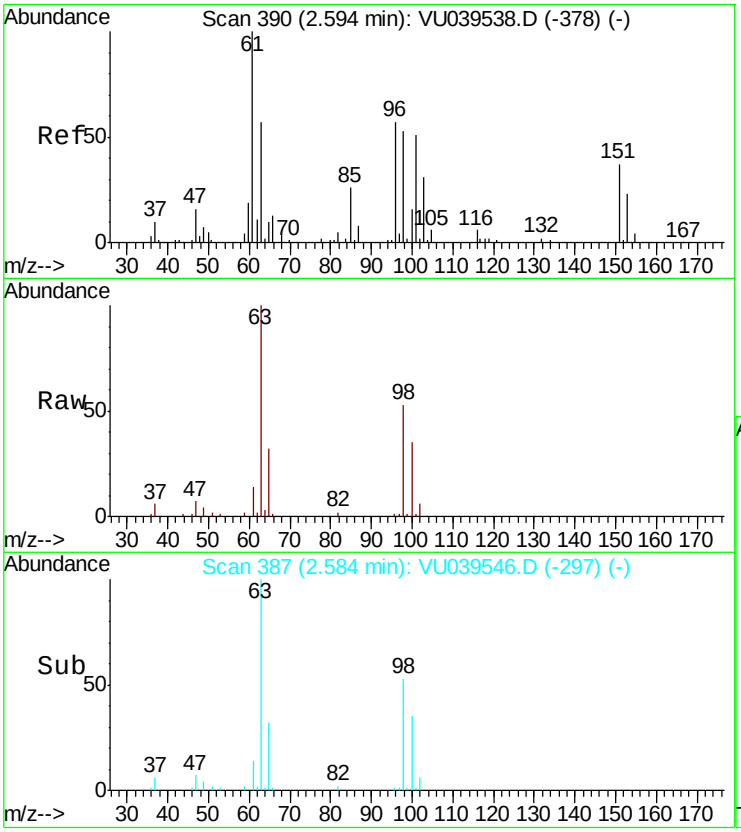


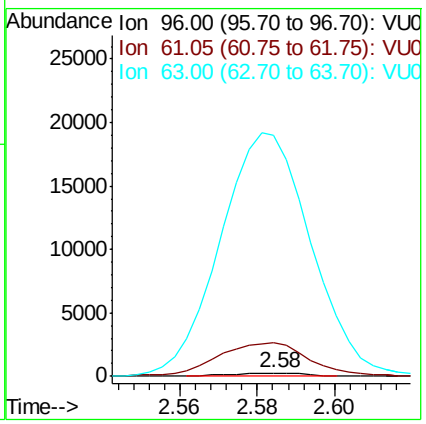


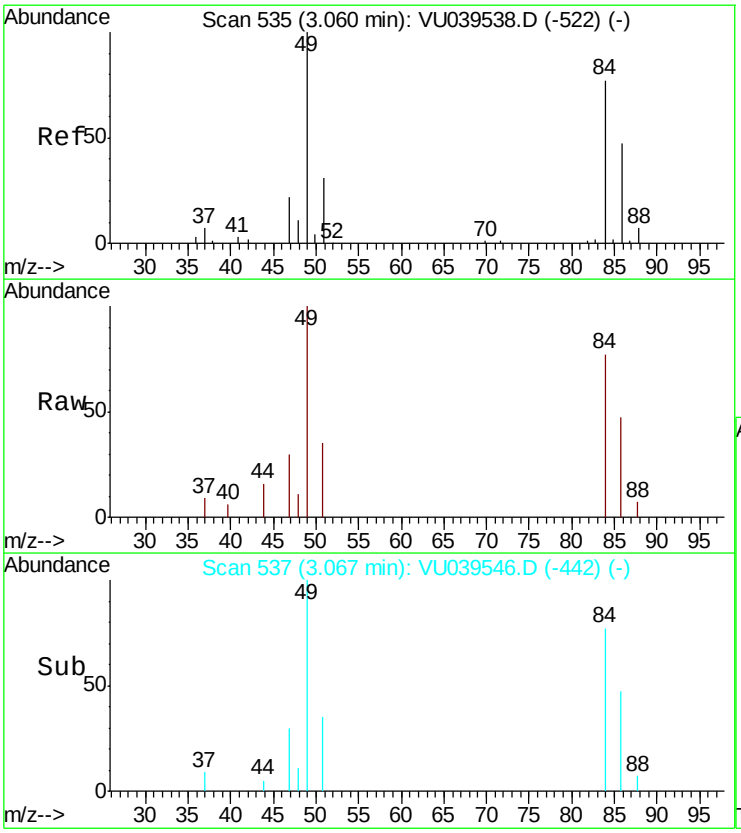
#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 321

Ion	Ratio	Lower	Upper
96	100		
61	1136.7	125.4	232.8#
63	8000.0	92.7	172.3#

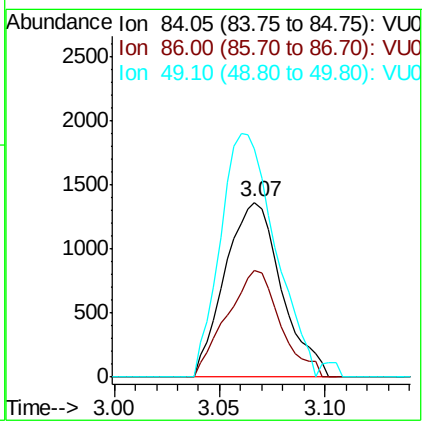


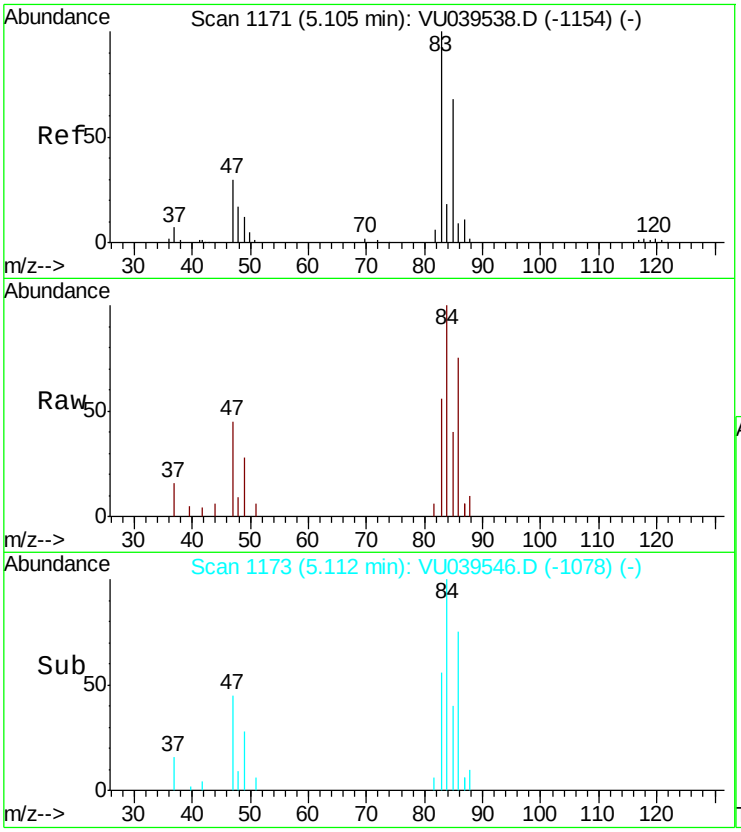


#16
Methylene chloride
Concen: 0.422 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Tgt Ion: 84 Resp: 2540

Ion	Ratio	Lower	Upper
84	100		
86	61.2	43.5	80.9
49	130.5	91.1	169.1



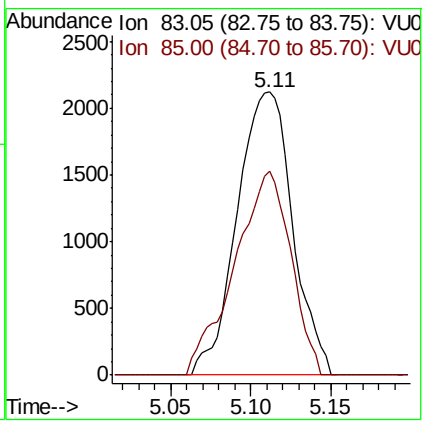


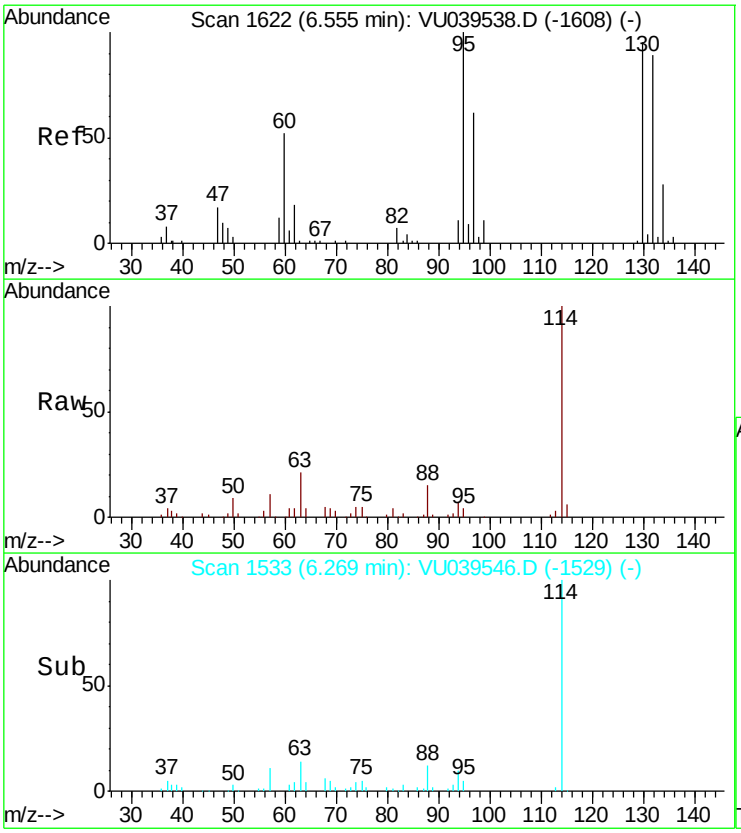
#25
Chloroform
Concen: 0.483 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 5064

Ion	Ratio	Lower	Upper
83	100		
85	72.3	44.9	83.5

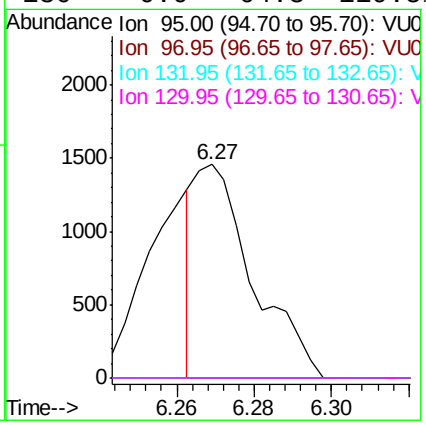


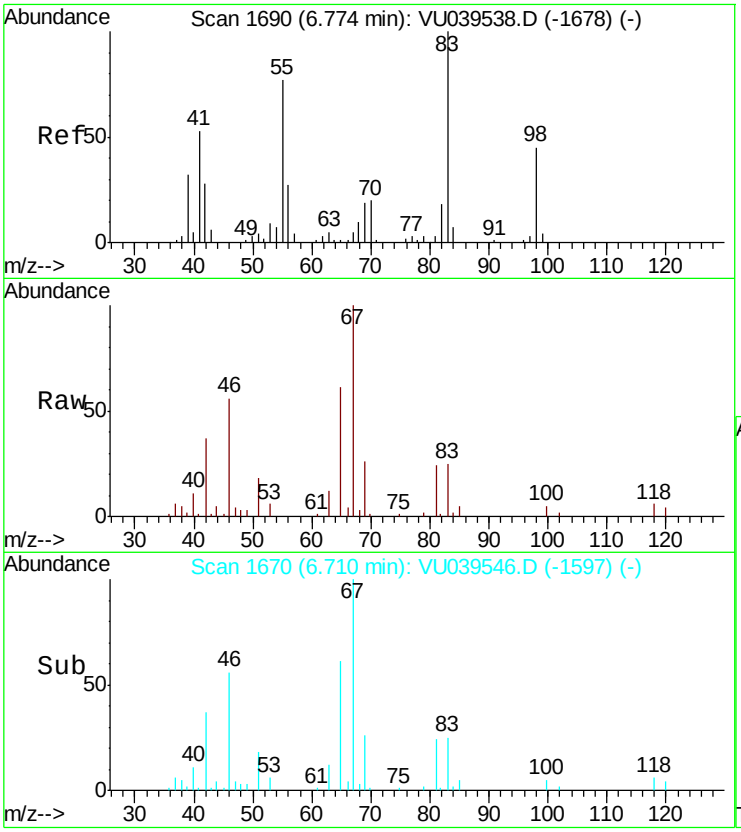


#34
Trichloroethene
Concen: 0.246 ug/L
RT: 6.27 min Scan# 1533
Delta R.T. -0.29 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Tgt Ion: 95 Resp: 1490

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.3	85.9#
132	0.0	64.0	118.8#
130	0.0	64.3	119.5#



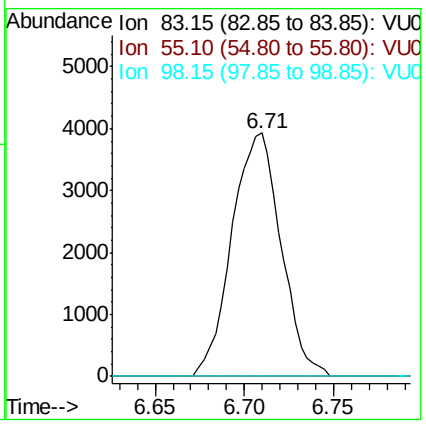


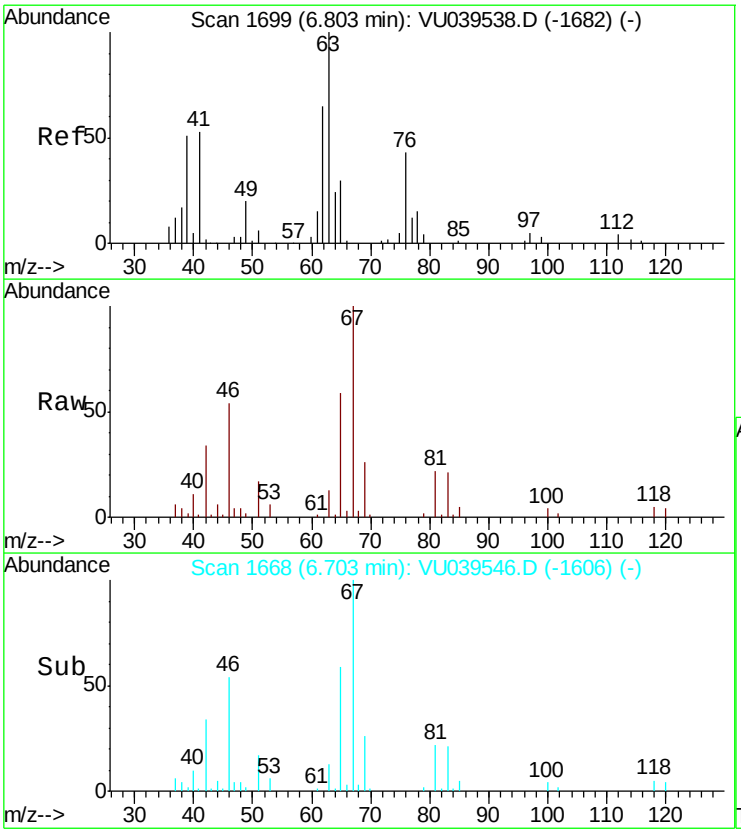
#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.06 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 7533

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.7	35.9	53.9#

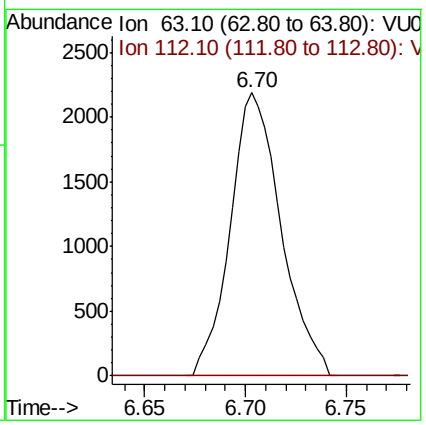


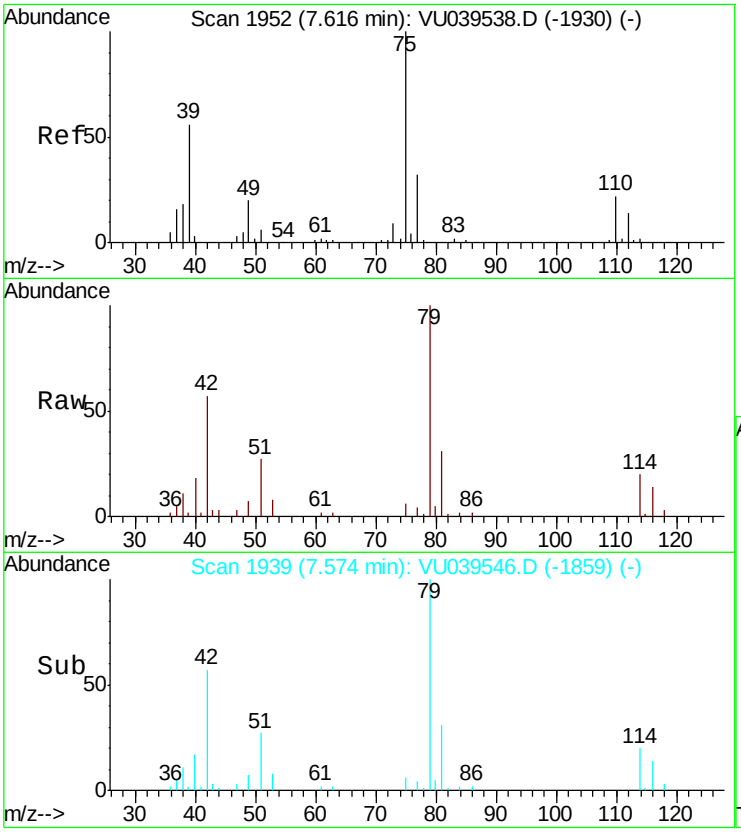


#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Tgt Ion: 63 Resp: 3861

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#



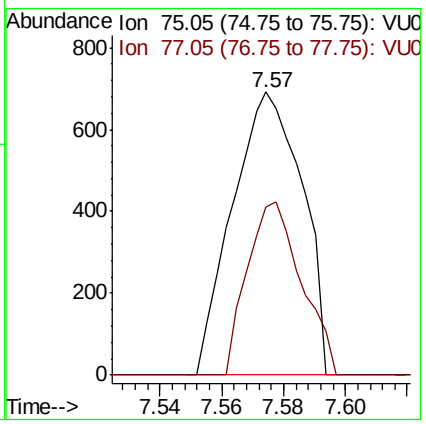


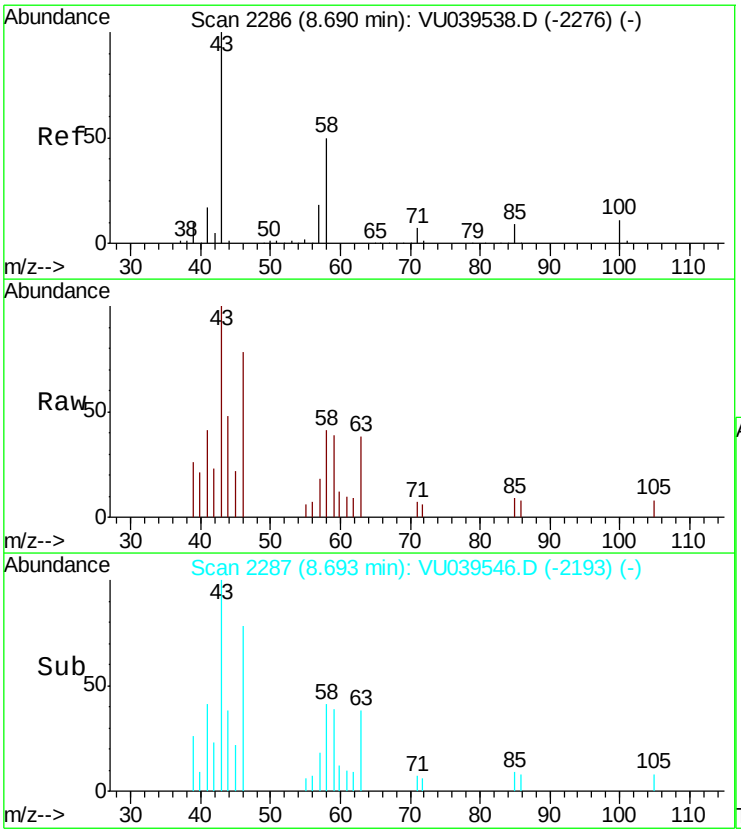
#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 75 Resp: 1081

Ion	Ratio	Lower	Upper
75	100		
77	59.4	22.3	41.3#

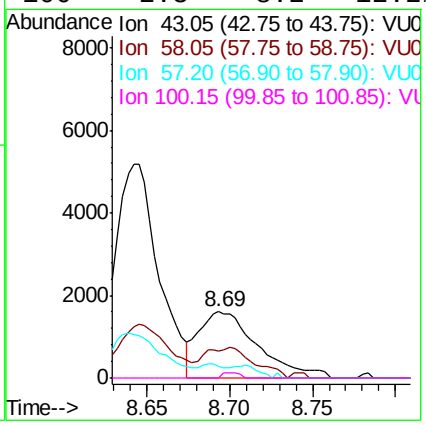


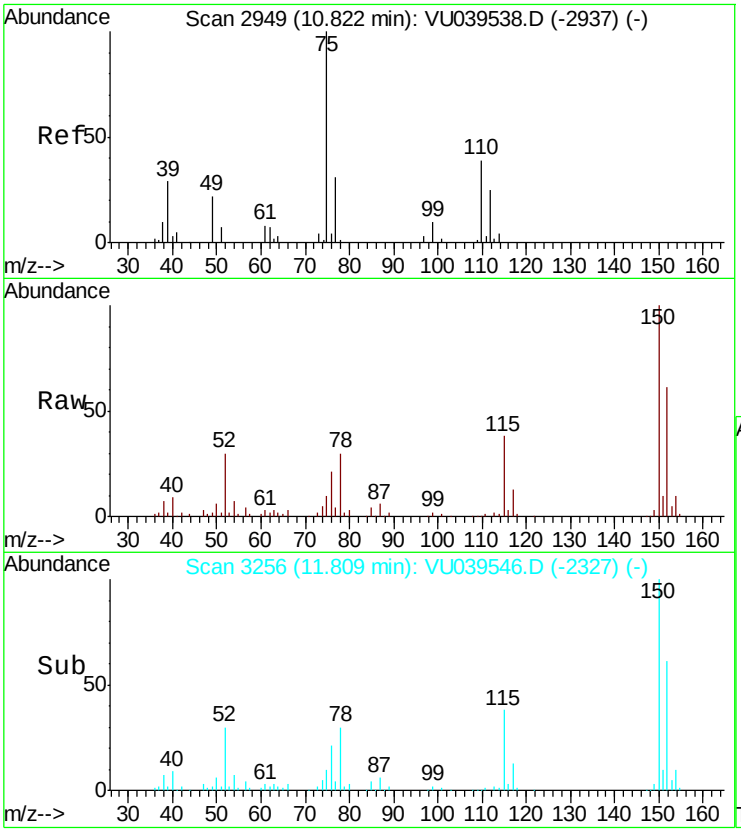


#48
2-Hexanone
Concen: 1.016 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Tgt Ion: 43 Resp: 3988

Ion	Ratio	Lower	Upper
43	100		
58	39.3	42.0	63.0#
57	8.7	14.0	21.0#
100	2.3	8.2	12.2#





#59
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039546.D
Acq: 17 Jul 2020 12:58

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 5638

Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.8	40.2