Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120420\
Data File : VU041474.D
Acq On : 04 Dec 2020 16:38
Operator : SY/MD
Sample : VIBLK07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK07

Quant Time: Dec 05 05:26:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	48688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24487	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	12568	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.92	69	11646	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.58	63	23391	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	4.66	46	55229	58.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.78%			
24) Chloroform-d	5.08	84	36143	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.72	65	26224	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.74	84	56049	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.70	67	16782	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.90	98	51890	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	8.19	79	10111	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
46) 2-Hexanone-d5	8.64	63	39120	46.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.46%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17886	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24011	5.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.60%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	146	0.068	ug/L #	45
16) Methylene chloride	3.06	84	6007	1.579	ug/L	88
27) 1,2-Dichloroethane	5.74	62	407	0.077	ug/L #	79
33) Benzene	5.75	78	399	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	4917	0.916	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	2636	0.863	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	712	0.129	ug/L	99
44) trans-1,3-Dichloropropene	8.19	75	440	0.080	ug/L #	73
47) Tetrachloroethene	8.56	164	333	0.107	ug/L	88
48) 2-Hexanone	8.64	43	5966	3.033	ug/L #	72
49) Dibromochloromethane	8.56	129	305	0.076	ug/L #	12
59) 1,2,3-Trichloropropane	11.80	75	2596	0.876	ug/L #	84

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

Quantitation Report (Not Reviewed)

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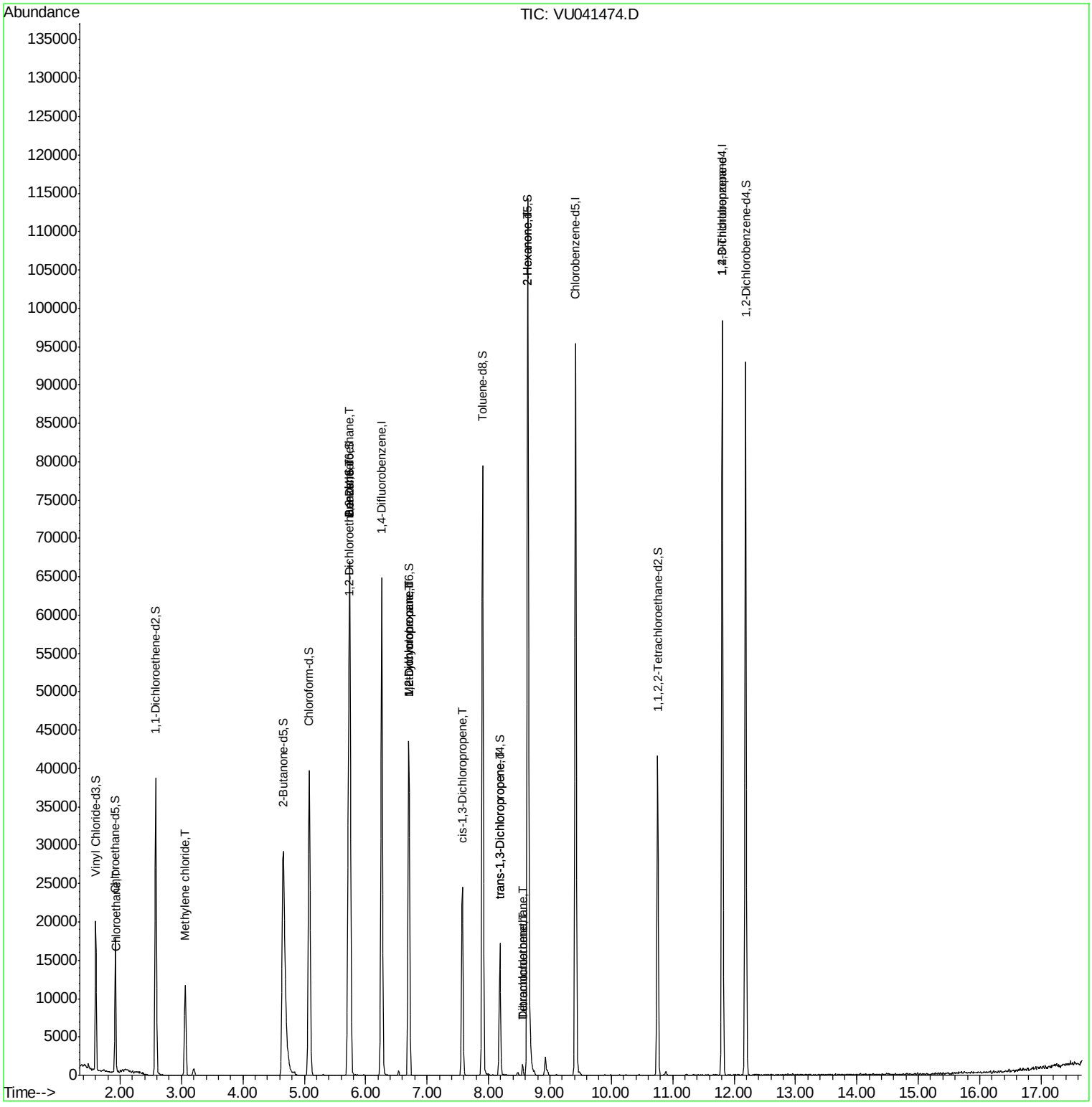
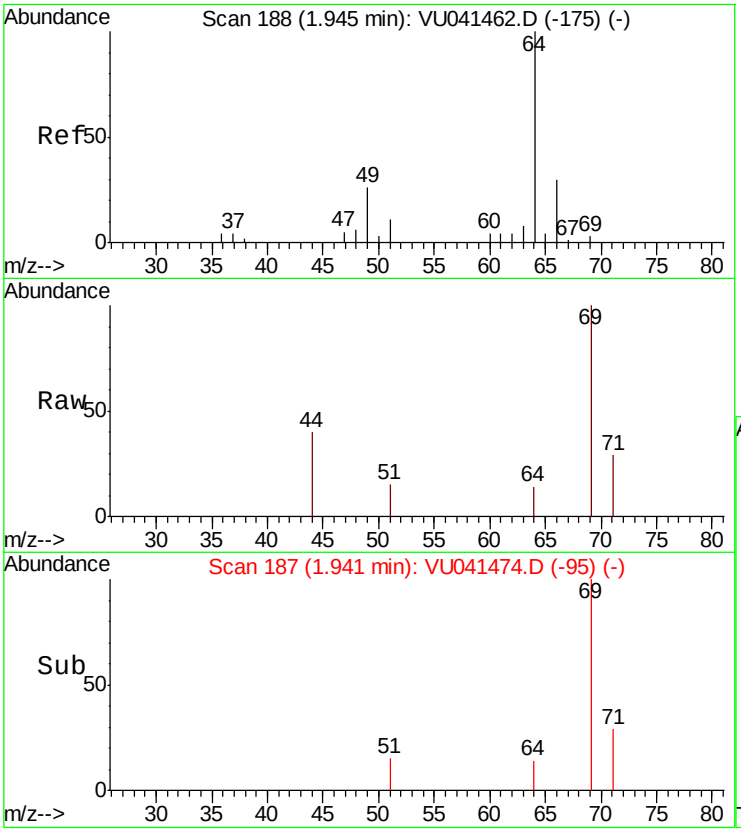
Operator : SY/MD
Sample : VIBLK07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK07

Quant Time: Dec 05 05:26:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 05 05:22:35 2020
Response via : Initial Calibration



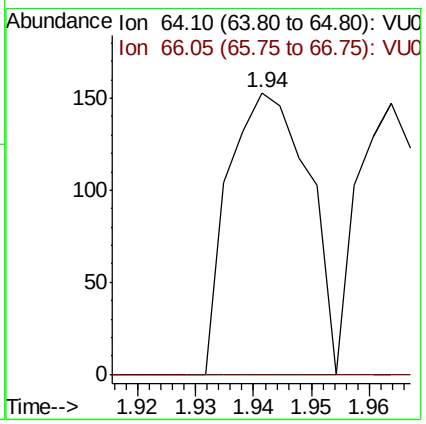


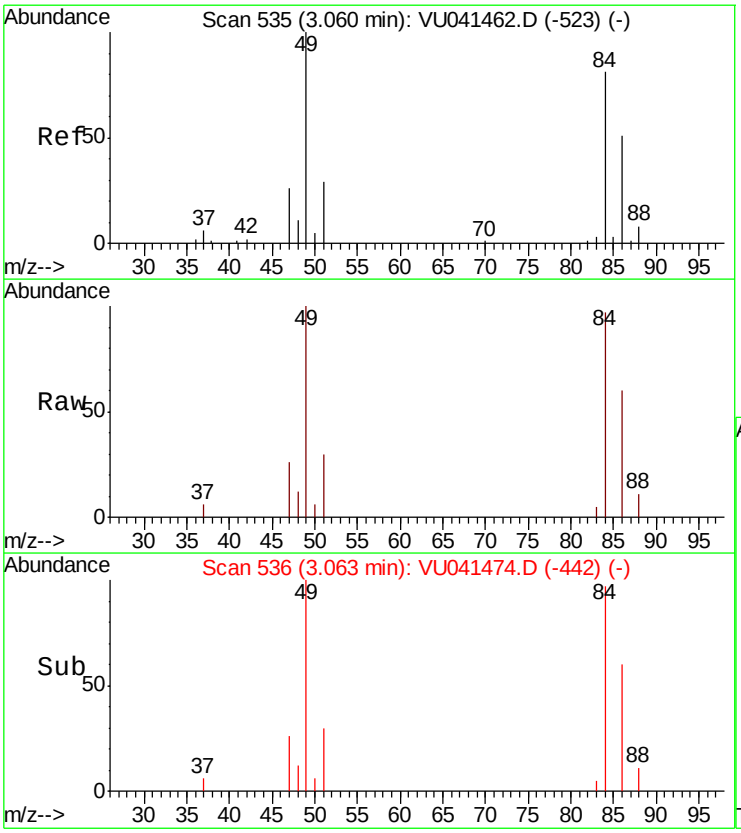
#8
Chloroethane
Concen: 0.068 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument :
MSVOA_U
ClientSampleId :
VIBLK07

Tgt Ion: 64 Resp: 146

Ion	Ratio	Lower	Upper
64	100		
66	0.0	20.9	38.9#

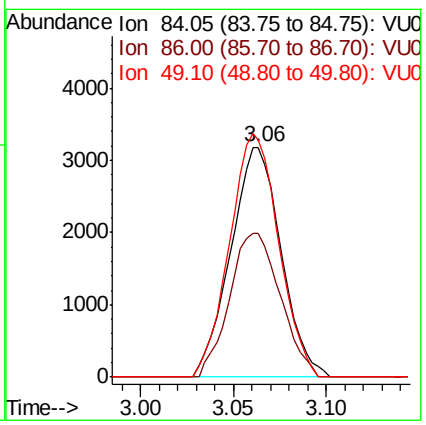


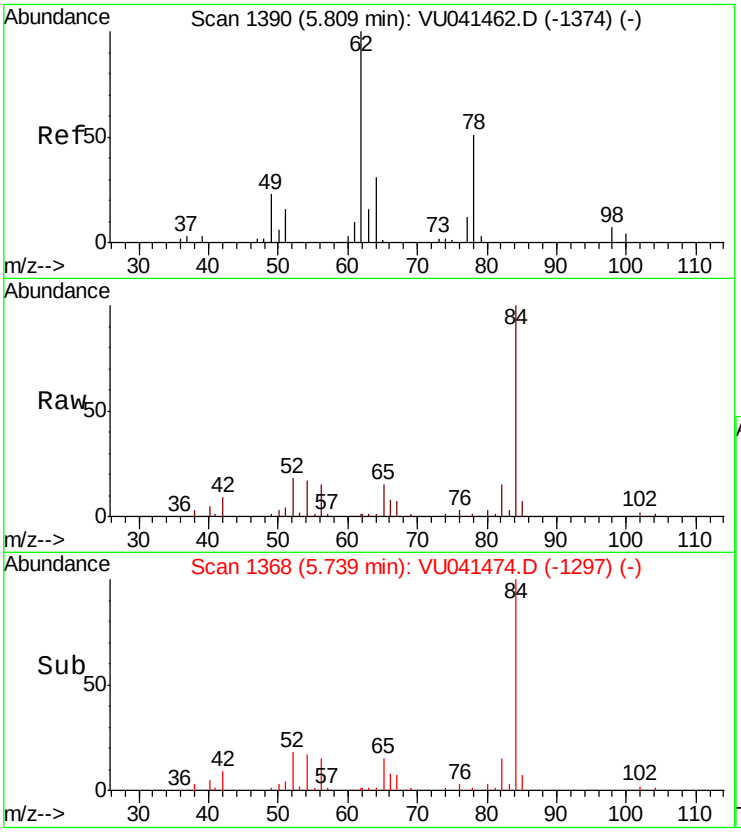


#16
Methylene chloride
Concen: 1.579 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 84 Resp: 6007

Ion	Ratio	Lower	Upper
84	100		
86	62.4	44.1	81.9
49	103.5	86.1	159.9



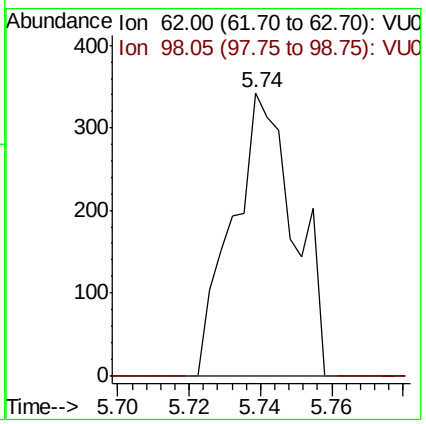


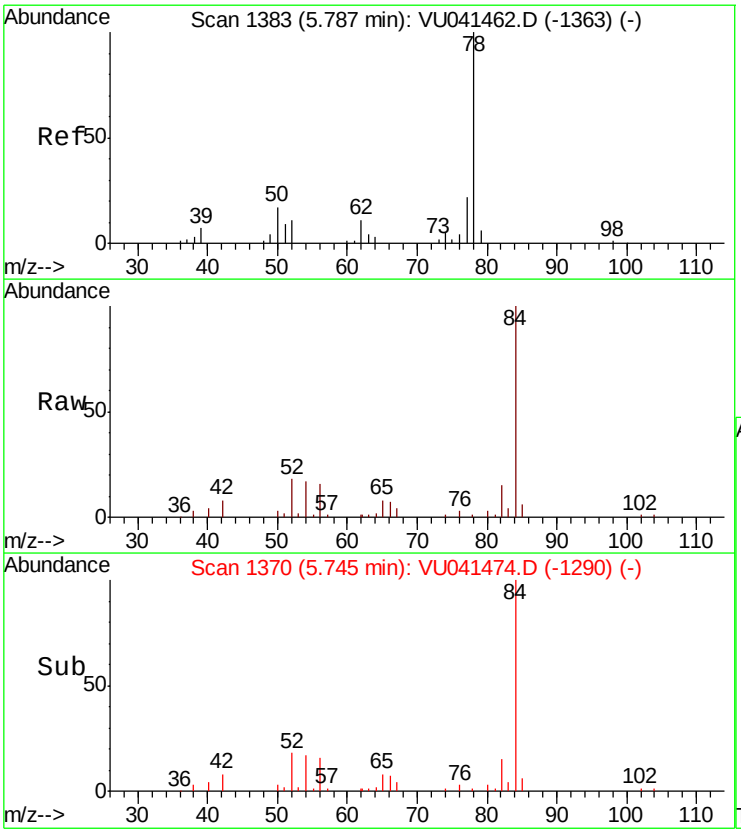
#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument :
MSVOA_U
ClientSampleId :
VIBLK07

Tgt Ion: 62 Resp: 407

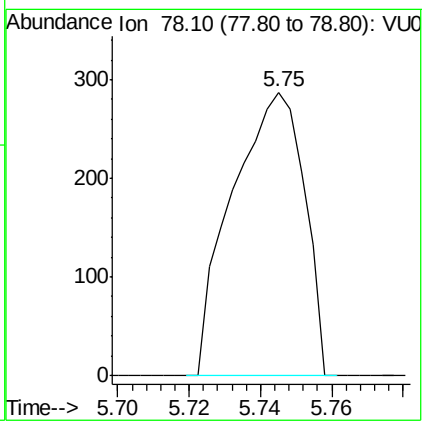
Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

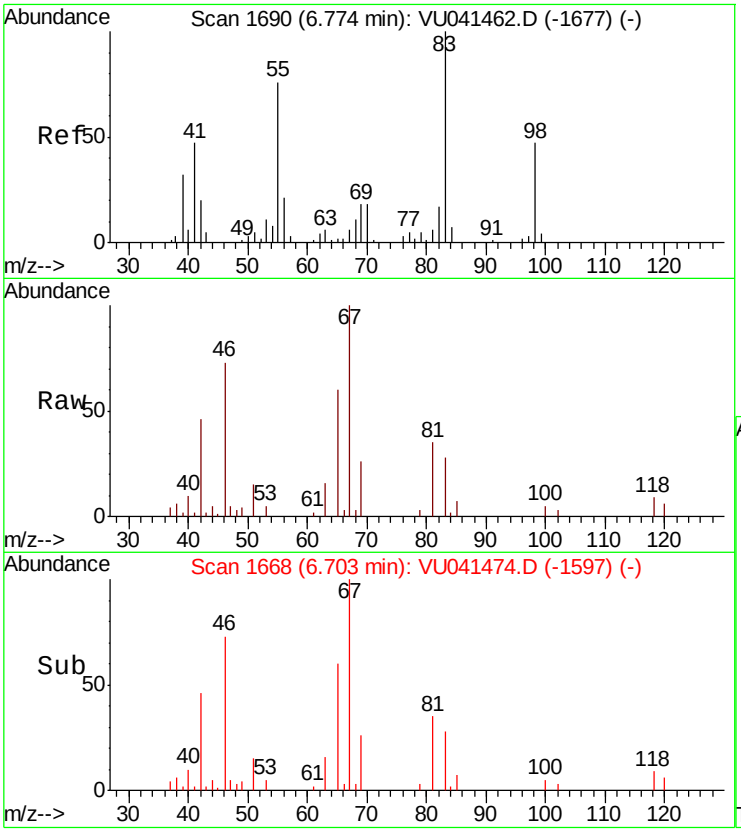




#33
Benzene
Concen: 0.031 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 78 Resp: 399



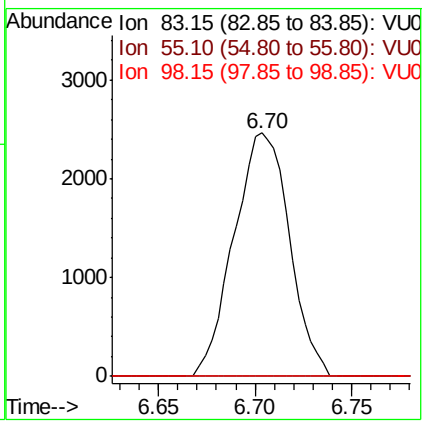


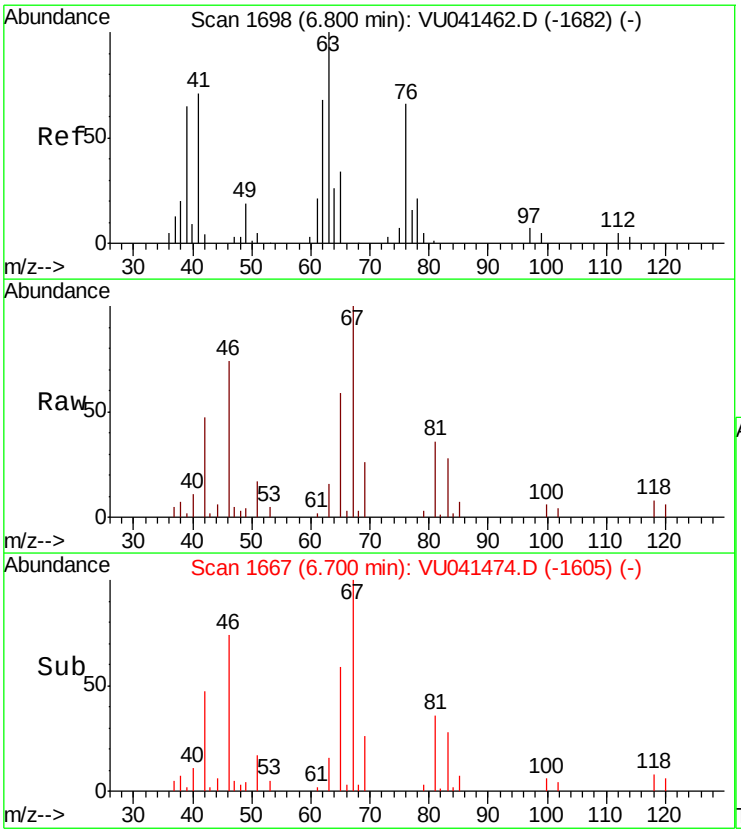
#35
Methylcyclohexane
Concen: 0.916 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument : MSVOA_U
ClientSampleId : VIBLK07

Tgt Ion: 83 Resp: 4917

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	0.0	38.7	58.1#

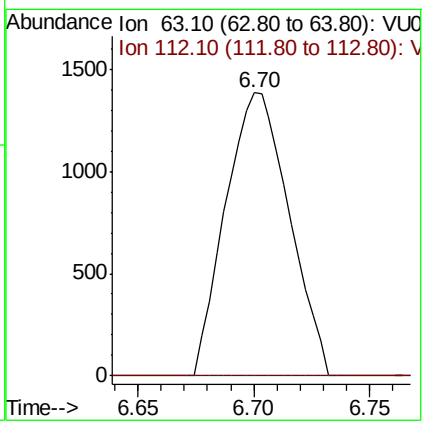


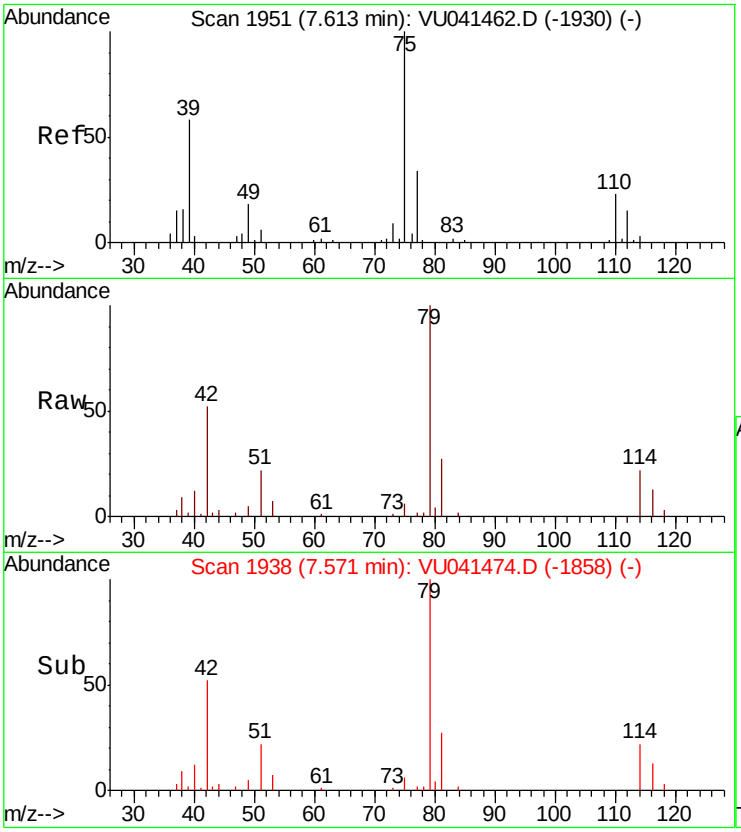


#37
1,2-Dichloropropane
Concen: 0.863 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 63 Resp: 2636

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#



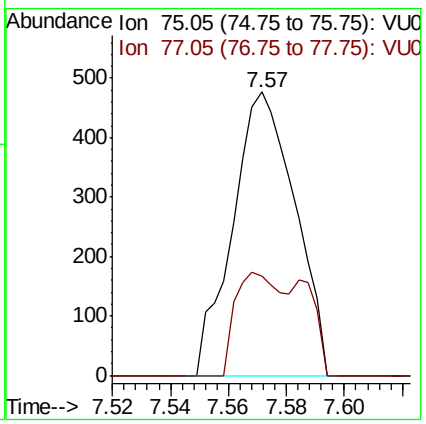


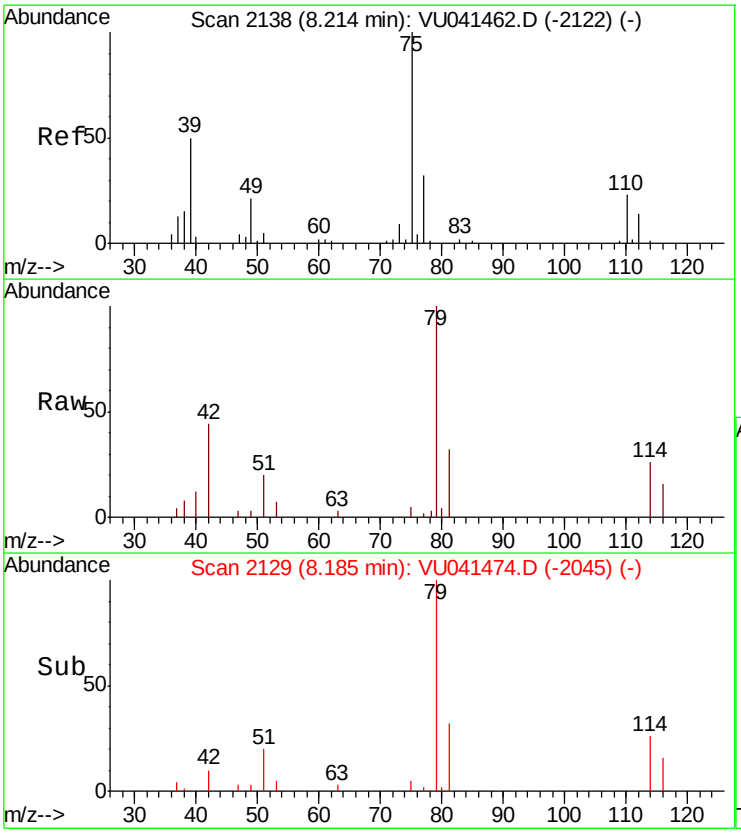
#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument :
MSVOA_U
ClientSampleId :
VIBLK07

Tgt Ion: 75 Resp: 712

Ion	Ratio	Lower	Upper
75	100		
77	35.0	24.0	44.6

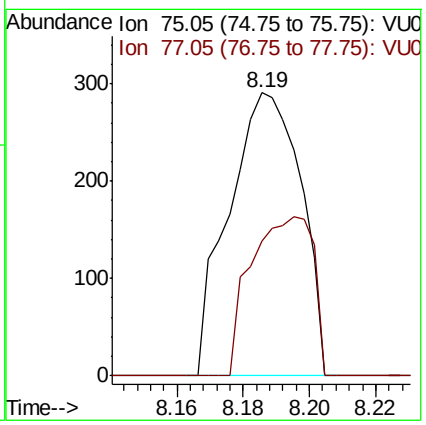


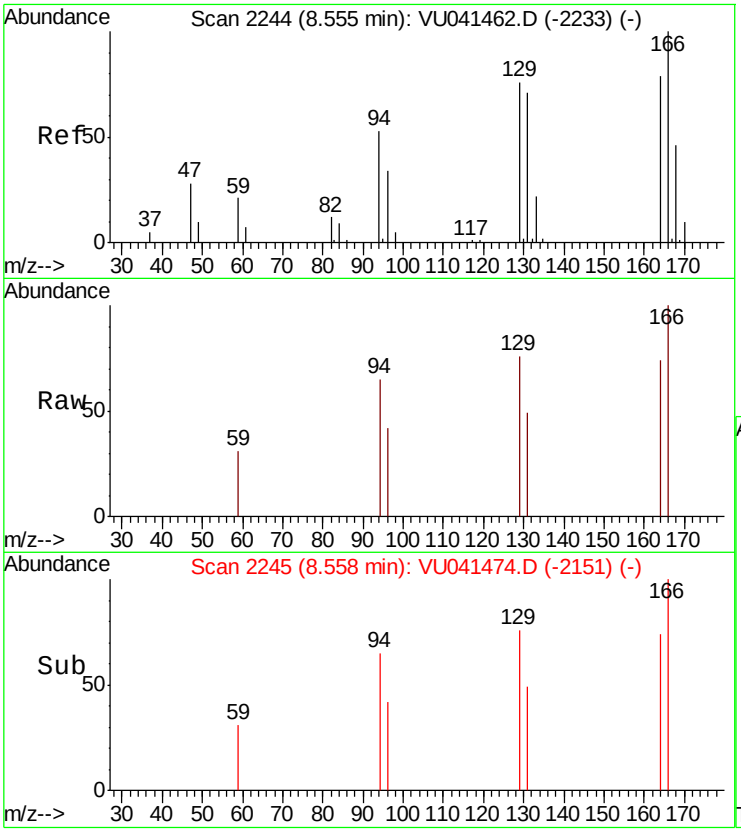


#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 75 Resp: 440

Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.7	42.3#



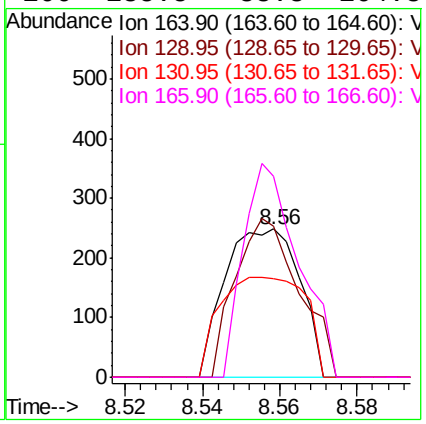


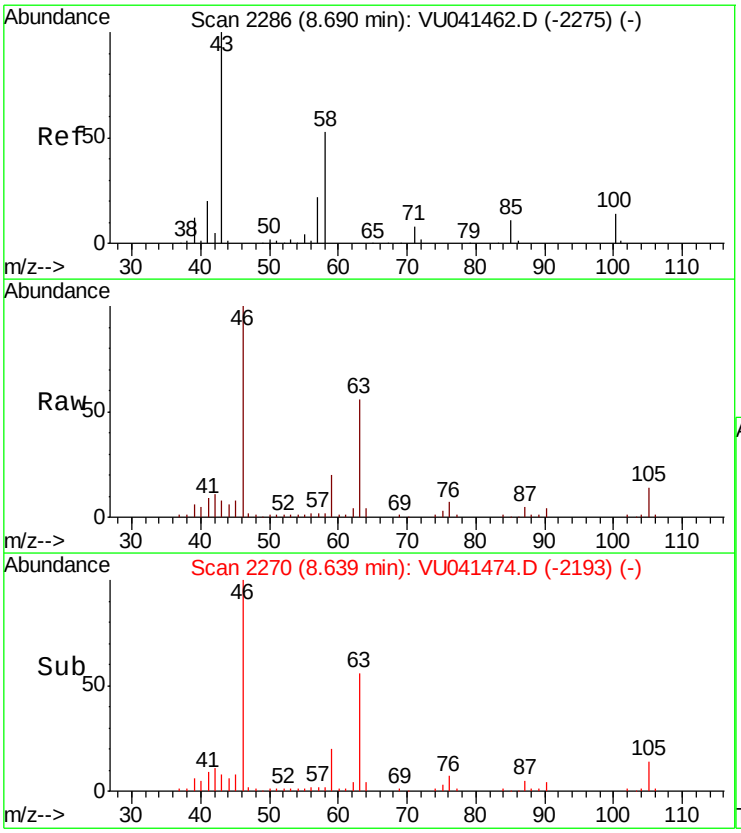
#47
Tetrachloroethene
Concen: 0.107 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument :
MSVOA_U
ClientSampleId :
VIBLK07

Tgt Ion:164 Resp: 333

Ion	Ratio	Lower	Upper
164	100		
129	102.4	67.1	124.7
131	66.5	63.3	117.7
166	135.5	88.8	164.8

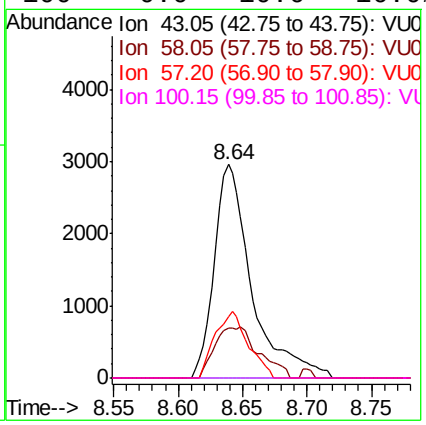


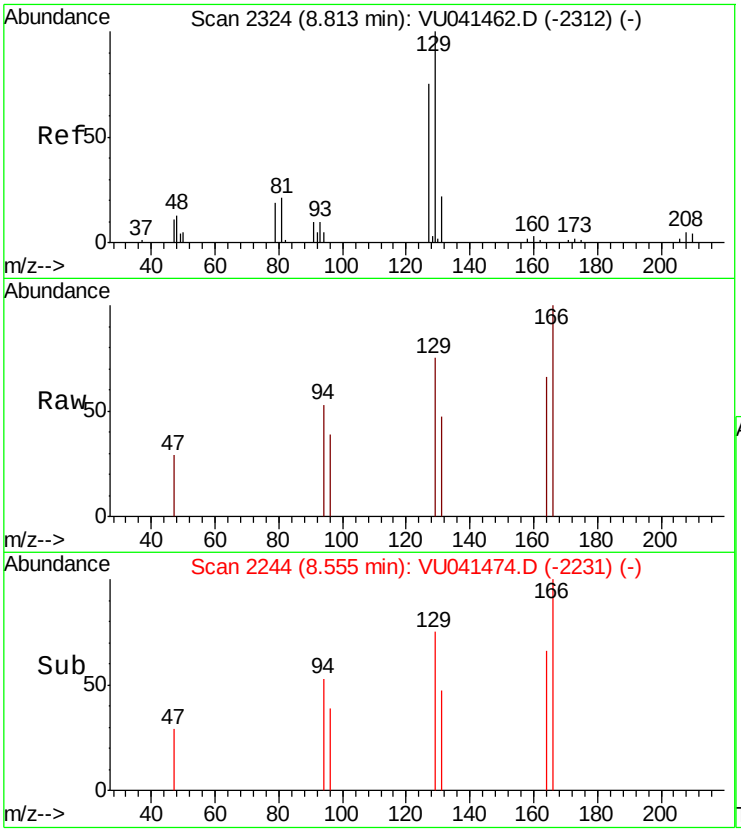


#48
2-Hexanone
Concen: 3.033 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 43 Resp: 5966

Ion	Ratio	Lower	Upper
43	100		
58	28.0	41.4	62.0#
57	27.3	17.1	25.7#
100	0.0	10.6	16.0#



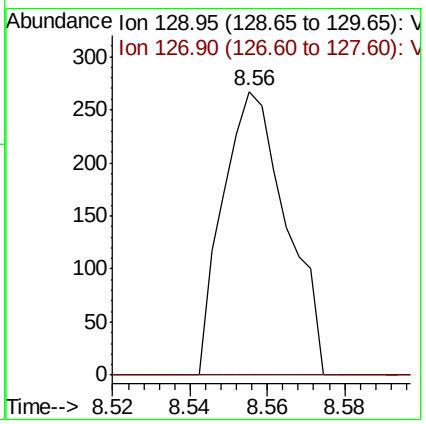


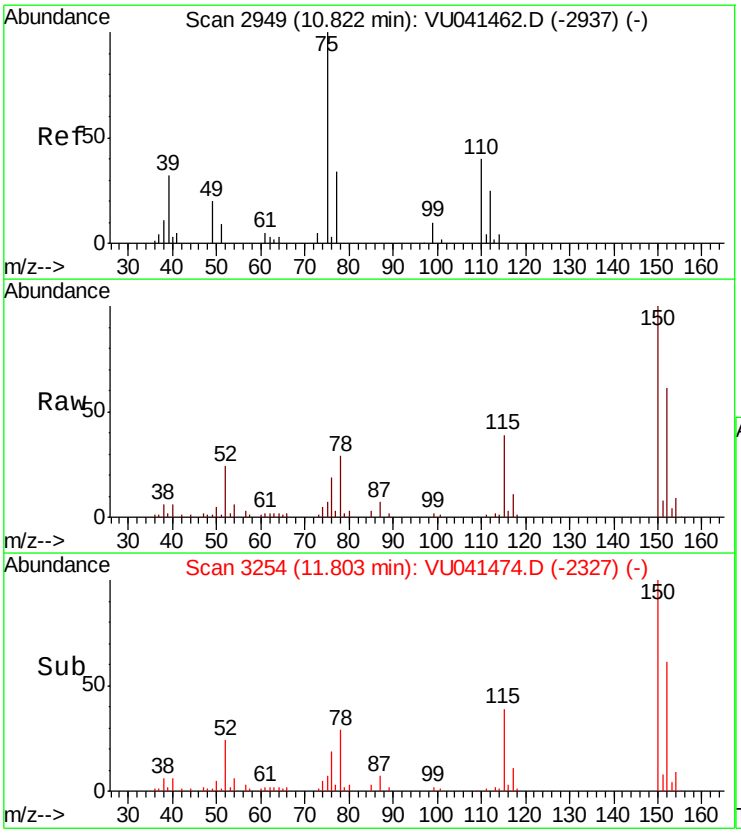
#49
Dibromochloromethane
Concen: 0.076 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Instrument : MSVOA_U
ClientSampleId : VIBLK07

Tgt Ion:129 Resp: 305

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#59
1,2,3-Trichloropropane
Concen: 0.876 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU041474.D
Acq: 04 Dec 2020 16:38

Tgt Ion: 75 Resp: 2596

Ion	Ratio	Lower	Upper
75	100		
77	42.0	26.3	39.5#