Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041613.D
Acq On : 14 Dec 2020 16:10
Operator : SY/MD
Sample : VIBLK06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK06

Quant Time: Dec 15 00:49:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	146033	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59189	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	42685	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	1.92	69	35288	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.57	63	65340	3.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.20%			
20) 2-Butanone-d5	4.66	46	142832	43.55	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.10%			
24) Chloroform-d	5.08	84	78011	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
26) 1,2-Dichloroethane-d4	5.72	65	46783	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
32) Benzene-d6	5.74	84	162273	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.40%			
36) 1,2-Dichloropropane-d6	6.70	67	51255	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.00%			
41) Toluene-d8	7.90	98	142623	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
43) trans-1,3-Dichloropropene-	8.18	79	21845	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.64	63	125893	40.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46564	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48450	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	805	0.067	ug/L	96
8) Chloroethane	1.96	64	290	0.032	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	462	0.046	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	533	0.054	ug/L #	1
16) Methylene chloride	3.06	84	2641	0.223	ug/L	90
27) 1,2-Dichloroethane	5.75	62	854	0.065	ug/L #	73
35) Methylcyclohexane	6.70	83	11833	0.654	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5413	0.475	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	914	0.061	ug/L	95
47) Tetrachloroethene	8.56	164	2658	0.339	ug/L	92
48) 2-Hexanone	8.64	43	13597	2.304	ug/L #	66
49) Dibromochloromethane	8.56	129	2638	0.273	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7209	0.842	ug/L	96

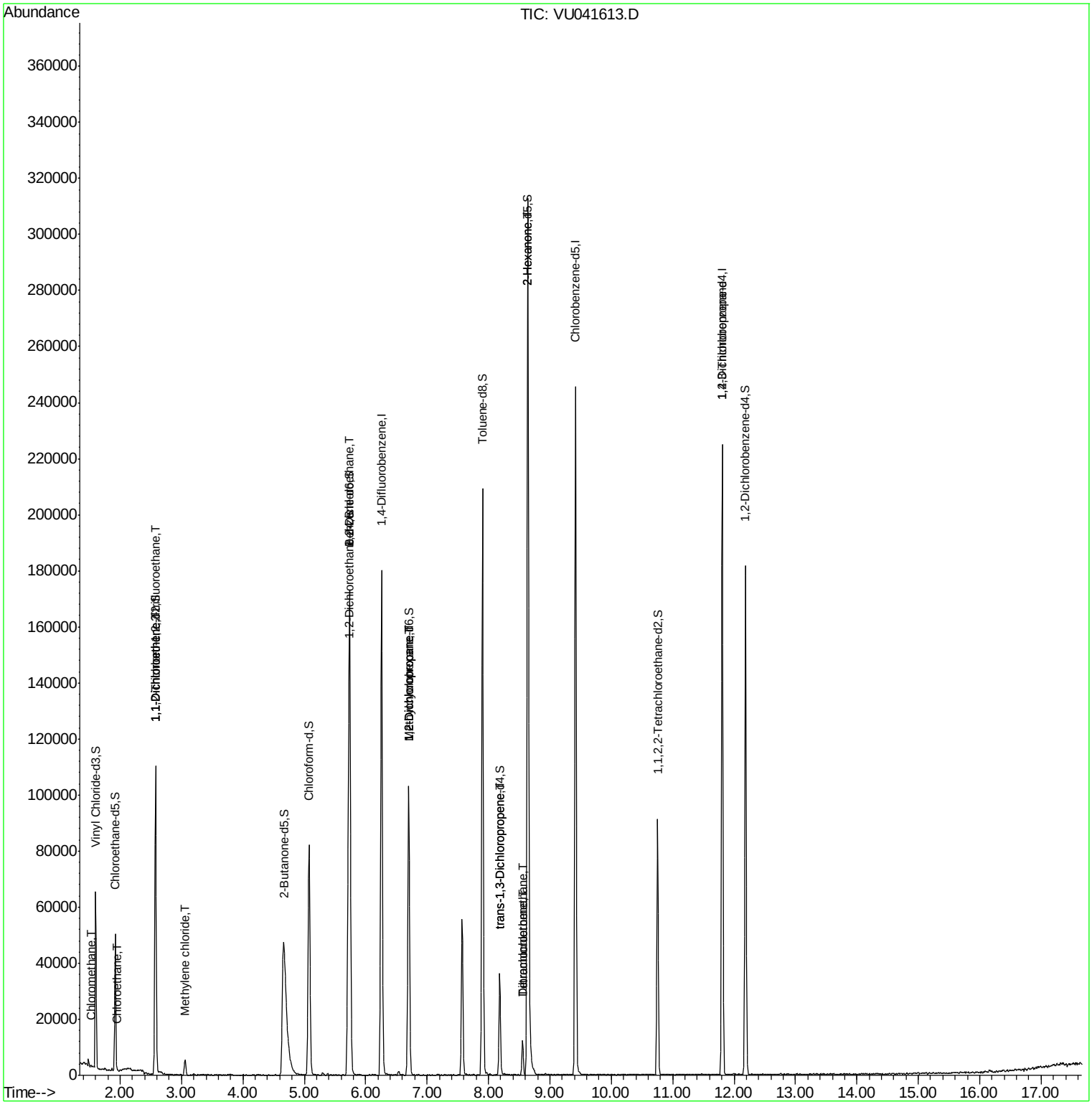
(#) = qualifier out of range (m) = manual integration (+) = signals summed

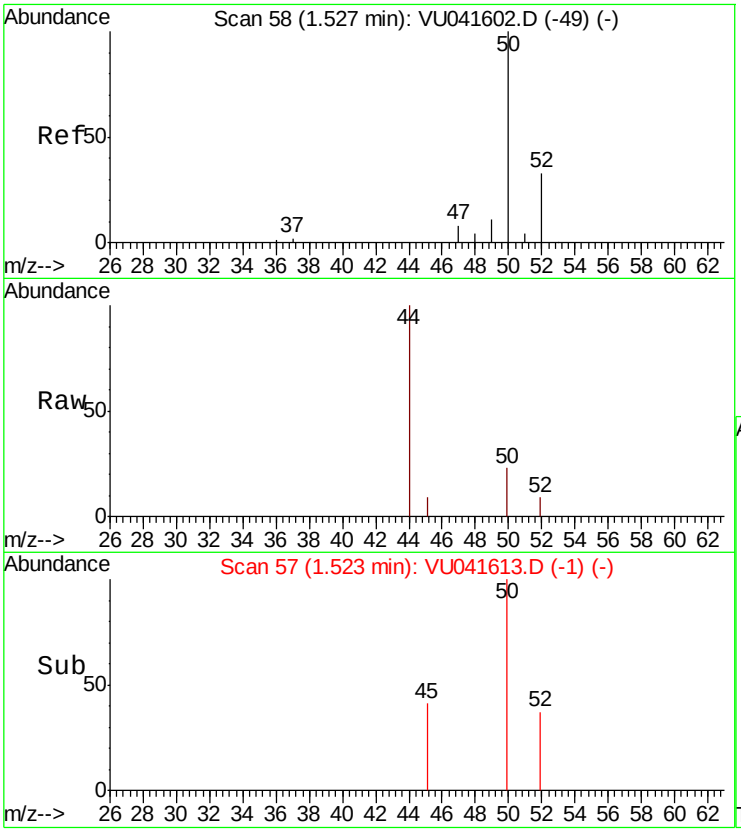
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041613.D
Acq On : 14 Dec 2020 16:10
Operator : SY/MD
Sample : VIBLK06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK06

Quant Time: Dec 15 00:49:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

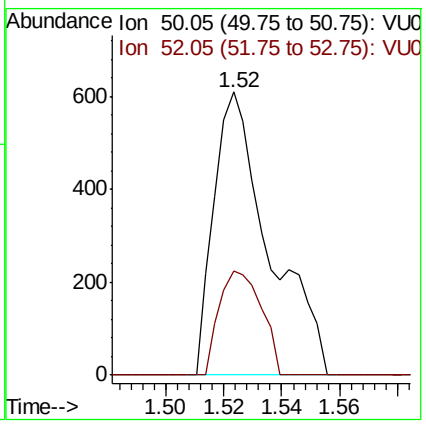




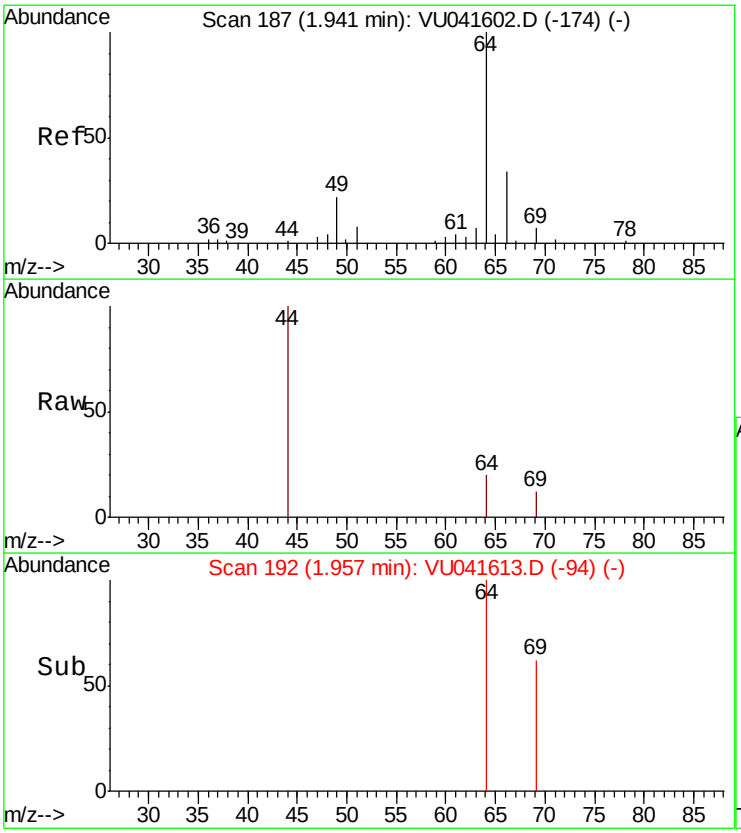
#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion: 50 Resp: 805

Ion	Ratio	Lower	Upper
50	100		
52	36.9	24.1	44.8



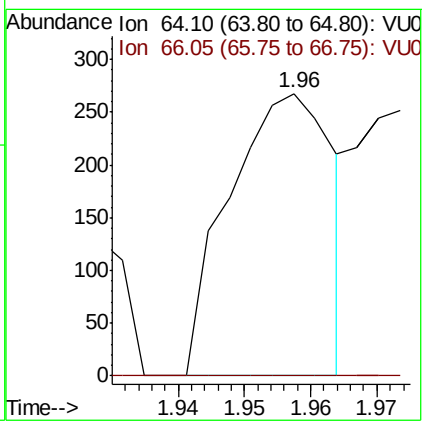
Instrument :
MSVOA_U
ClientSampleId :
VIBLK06

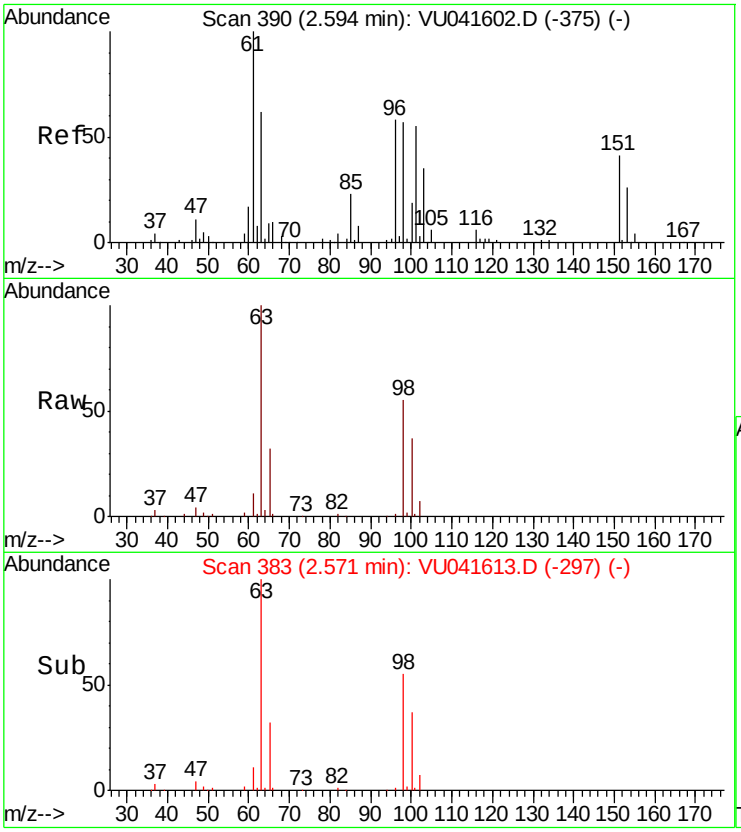


#8
Chloroethane
Concen: 0.032 ug/L
RT: 1.96 min Scan# 192
Delta R.T. 0.02 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion: 64 Resp: 290

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.6	40.0#



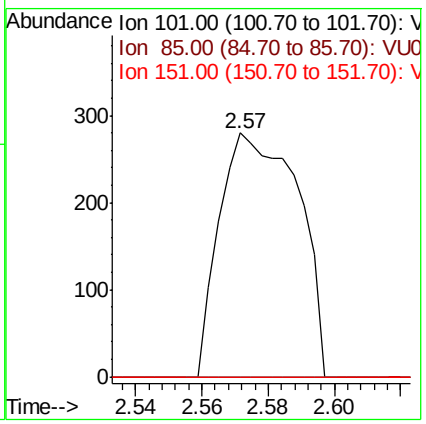


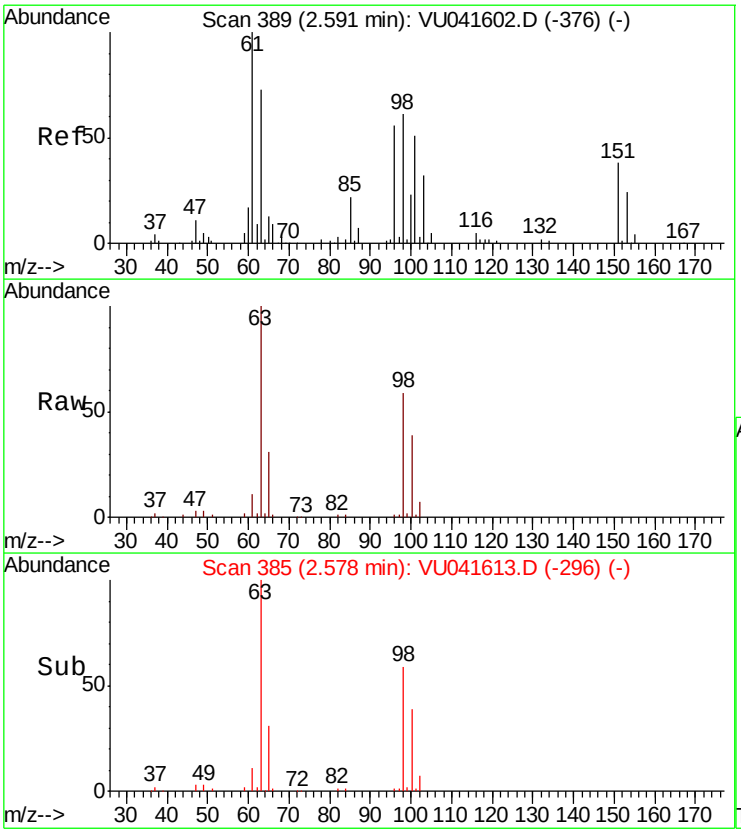
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument :
MSVOA_U
ClientSampleId :
VIBLK06

Tgt Ion:101 Resp: 462

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

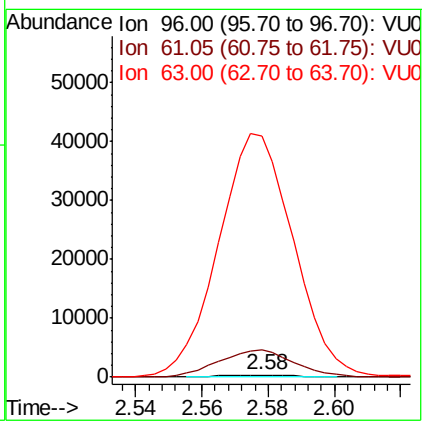


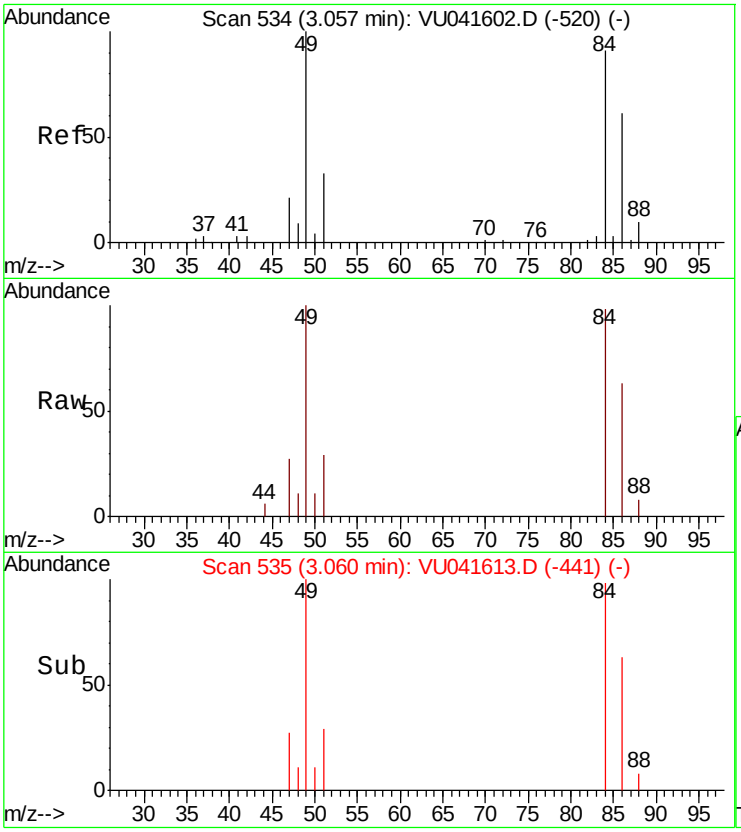


#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion: 96 Resp: 533

Ion	Ratio	Lower	Upper
96	100		
61	1175.0	123.8	230.0#
63	10542.3	81.0	150.4#



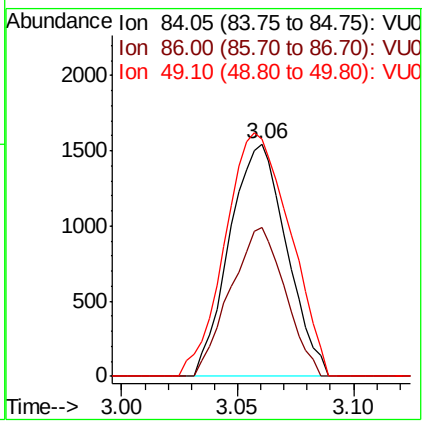


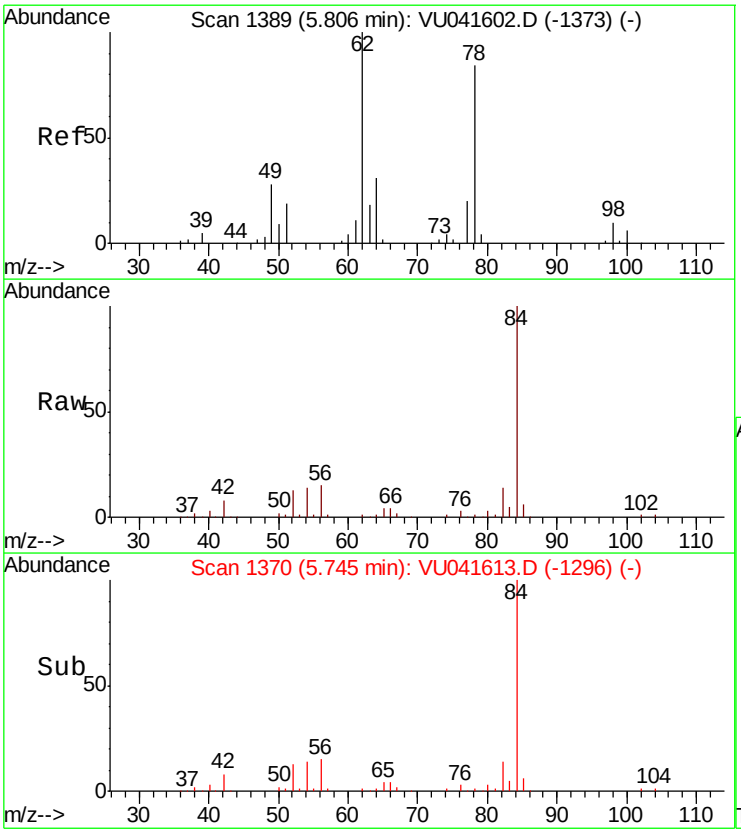
#16
Methylene chloride
Concen: 0.223 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument : MSVOA_U
ClientSampleId : VIBLK06

Tgt Ion: 84 Resp: 2641

Ion	Ratio	Lower	Upper
84	100		
86	63.9	45.1	83.7
49	101.8	83.1	154.3

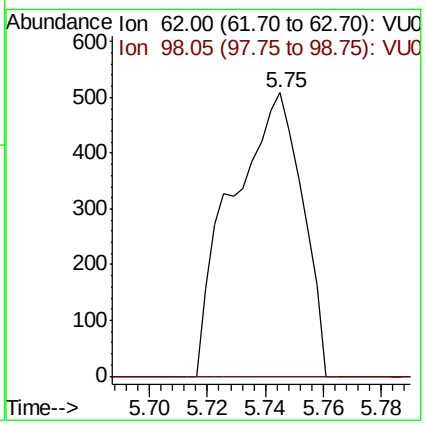


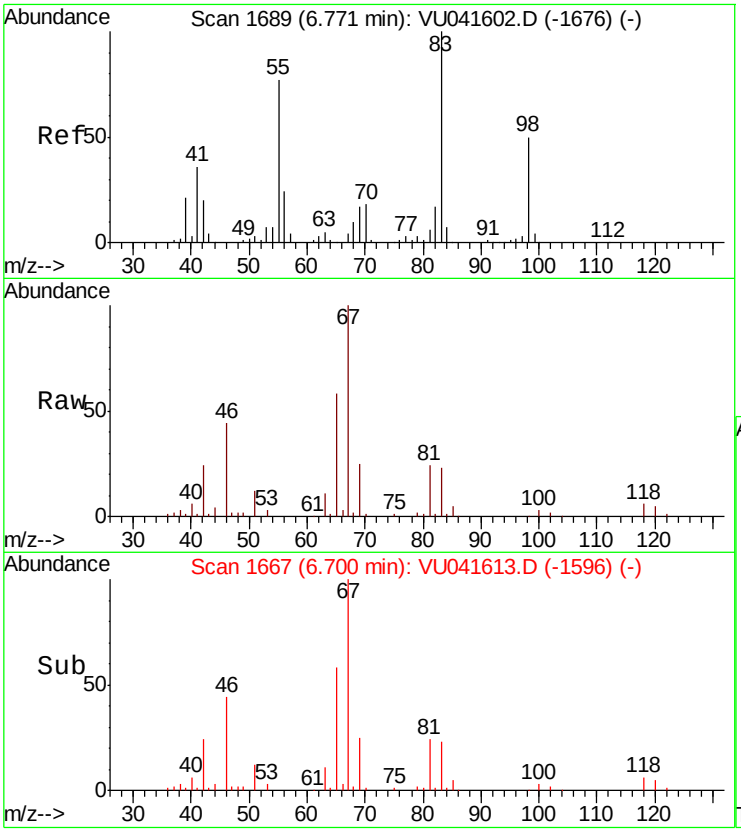


#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion: 62 Resp: 854

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#



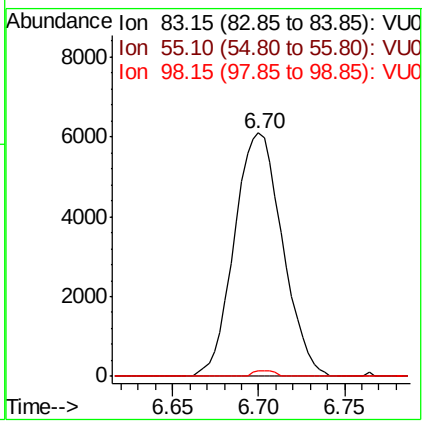


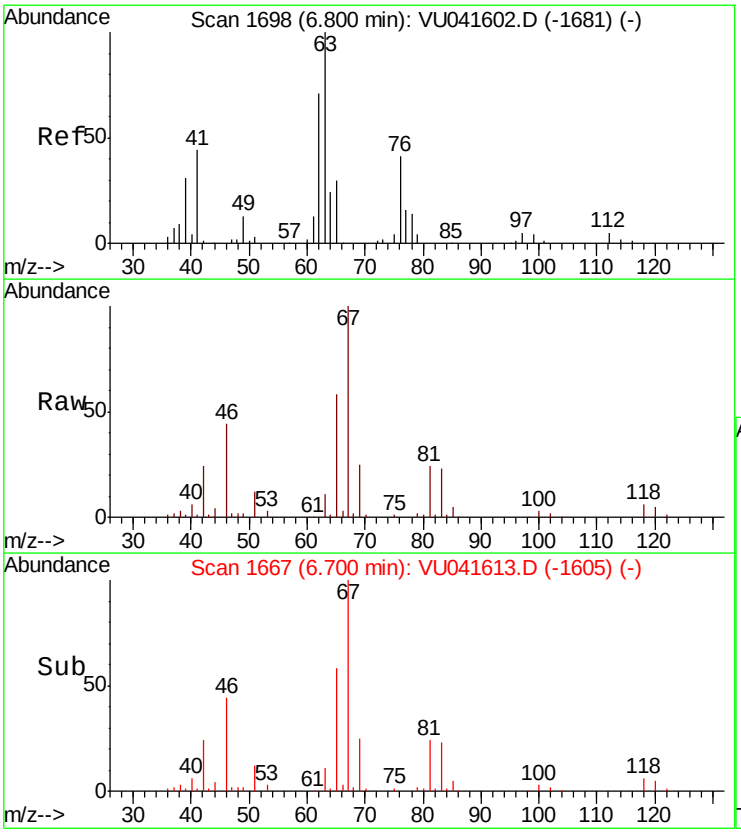
#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument : MSVOA_U
ClientSampleId : VIBLK06

Tgt Ion: 83 Resp: 11833

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	1.0	36.6	54.8#

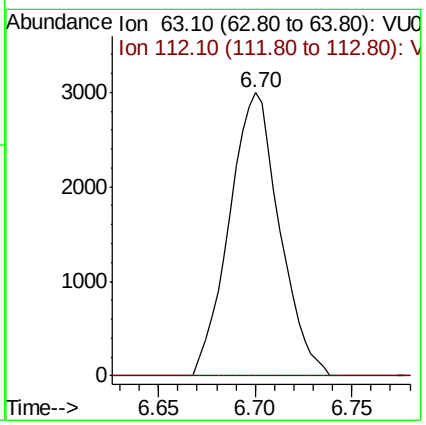


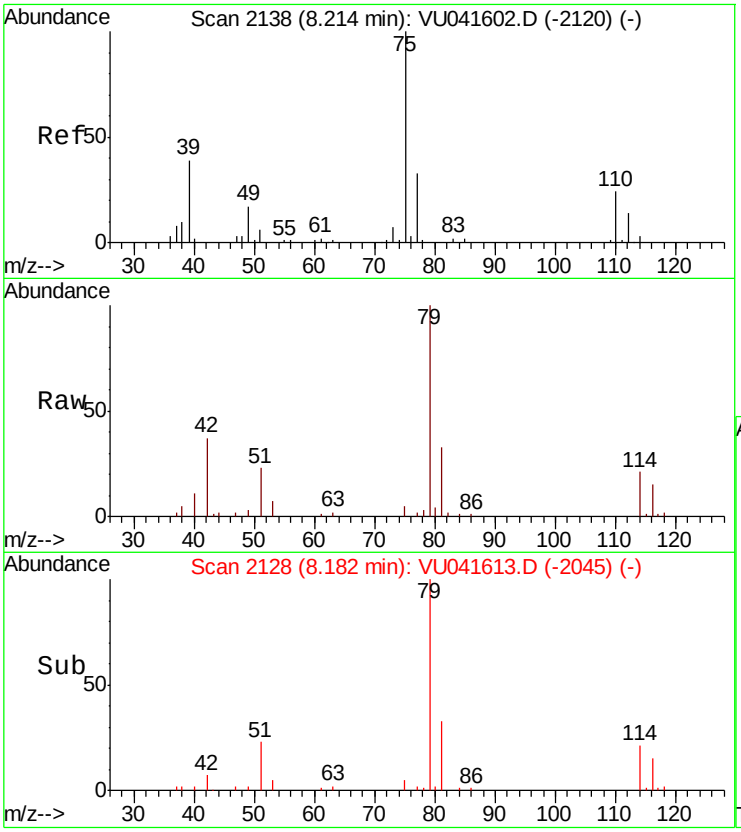


#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion: 63 Resp: 5413

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



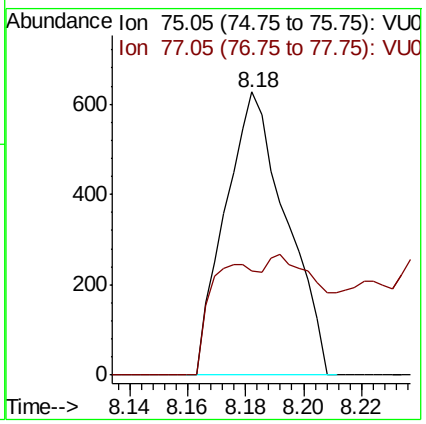


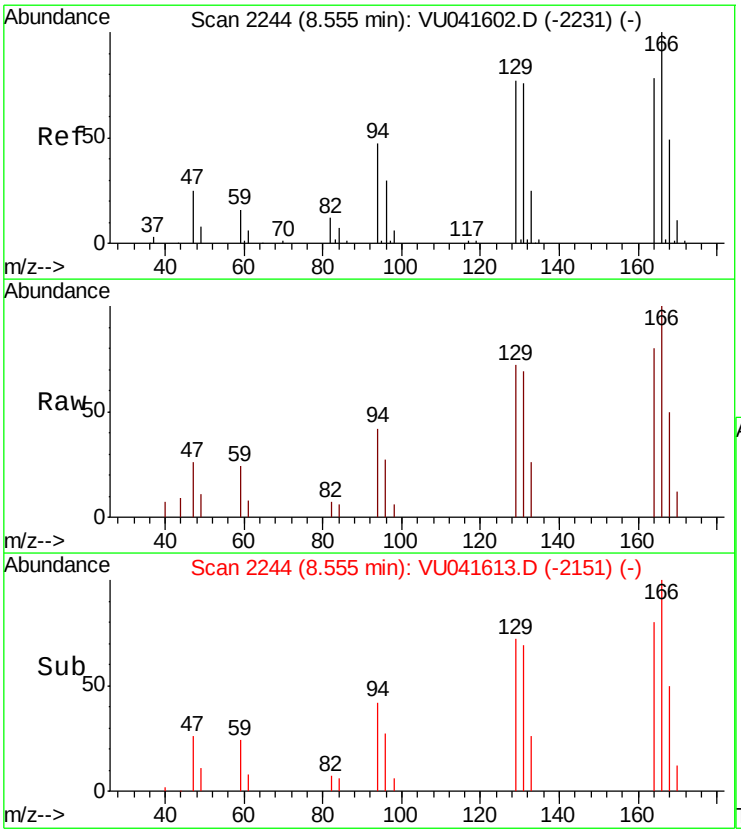
#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument : MSVOA_U
ClientSampleId : VIBLK06

Tgt Ion: 75 Resp: 914

Ion	Ratio	Lower	Upper
75	100		
77	36.8	23.8	44.2

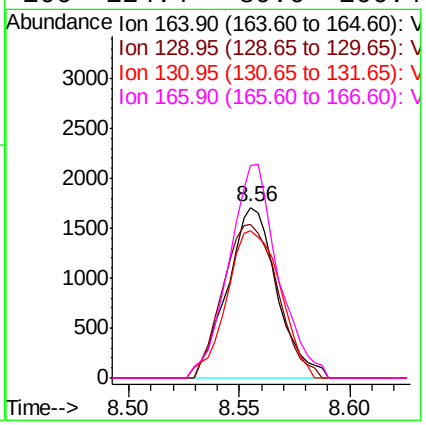


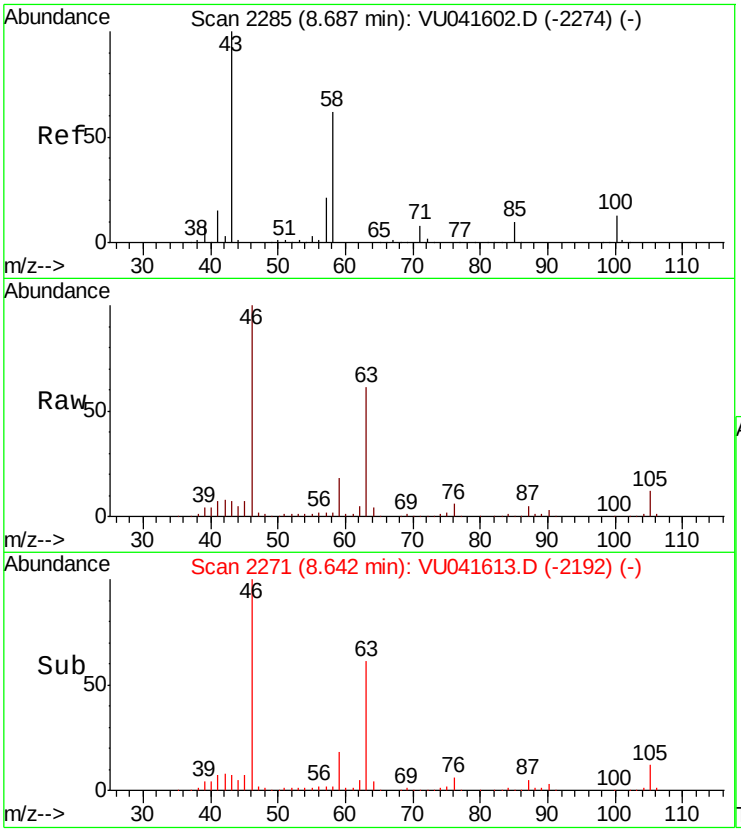


#47
Tetrachloroethene
Concen: 0.339 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion:164 Resp: 2658

Ion	Ratio	Lower	Upper
164	100		
129	89.8	72.2	134.0
131	86.2	66.9	124.3
166	124.4	89.6	166.4



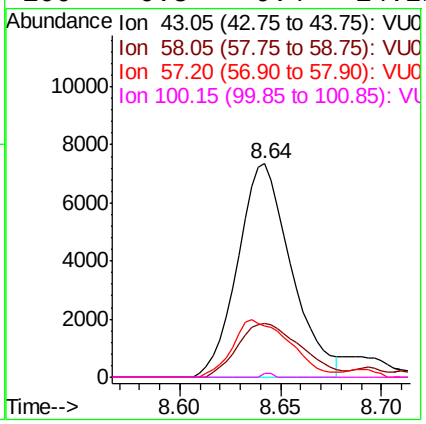


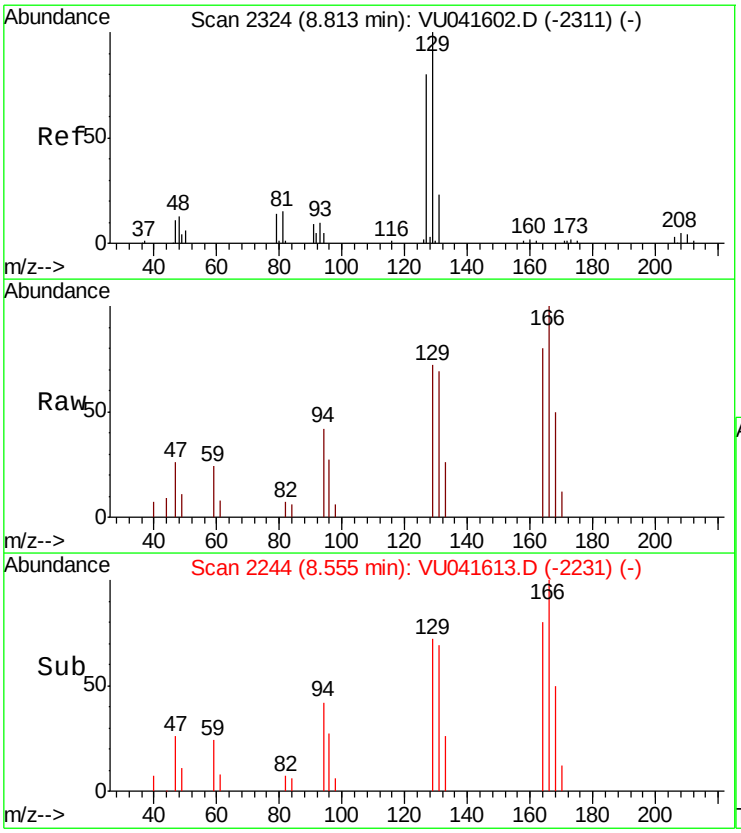
#48
2-Hexanone
Concen: 2.304 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument : MSVOA_U
ClientSampleId : VIBLK06

Tgt Ion: 43 Resp: 13597

Ion	Ratio	Lower	Upper
43	100		
58	29.8	47.9	71.9#
57	29.1	16.5	24.7#
100	0.3	9.4	14.2#

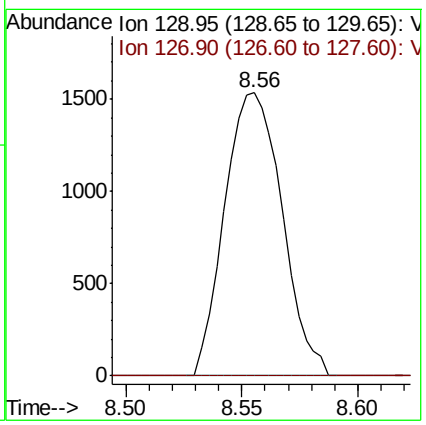


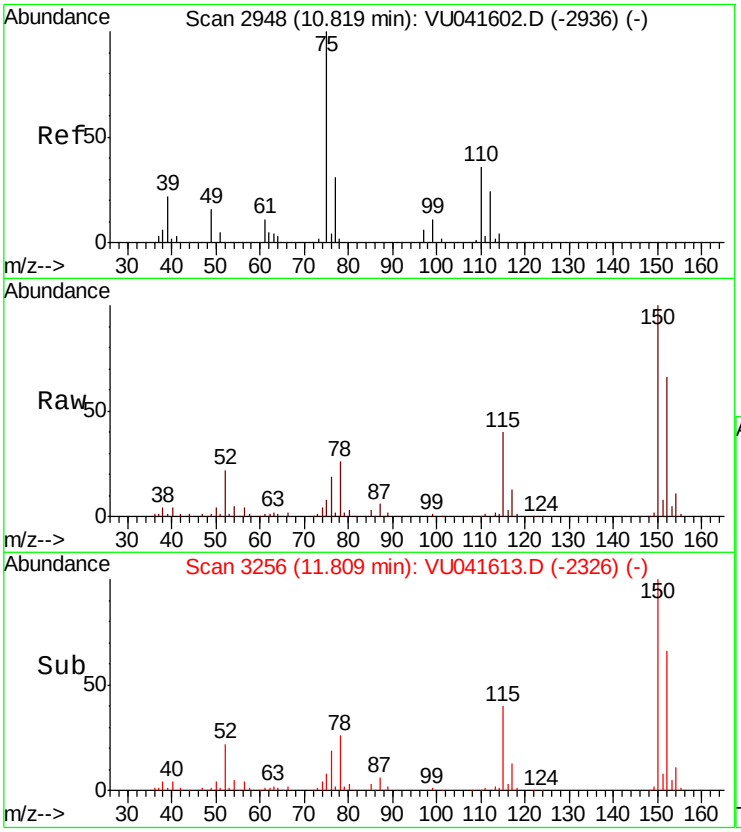


#49
Dibromochloromethane
Concen: 0.273 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Tgt Ion:129 Resp: 2638

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.842 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041613.D
Acq: 14 Dec 2020 16:10

Instrument :
MSVOA_U
ClientSampleId :
VIBLK06

Tgt Ion: 75 Resp: 7209

Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.2