Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041742.D
Acq On : 22 Dec 2020 15:26
Operator : SY/MD
Sample : L5148-01L 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Quant Time: Dec 23 04:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59277	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	34408	3.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.60%			
7) Chloroethane-d5	1.92	69	41210	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.58	63	59732	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	4.66	46	169493	55.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.60%			
24) Chloroform-d	5.08	84	89257	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	50758	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.74	84	167331	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	54986	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.90	98	140988	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.19	79	22974	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.64	63	148399	50.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55103	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55060	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	503	0.045	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	636	0.068	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	578	0.062	ug/L #	1
16) Methylene chloride	3.07	84	2113	0.191	ug/L	74
33) Benzene	5.74	78	1101	0.026	ug/L	100
35) Methylcyclohexane	6.71	83	13288	0.773	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6174	0.571	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1250	0.078	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	741	0.052	ug/L #	72
47) Tetrachloroethene	8.56	164	57971	7.792	ug/L	96
48) 2-Hexanone	8.64	43	17263	3.081	ug/L #	68
49) Dibromochloromethane	8.56	129	56109	6.106	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6415	0.790	ug/L	94

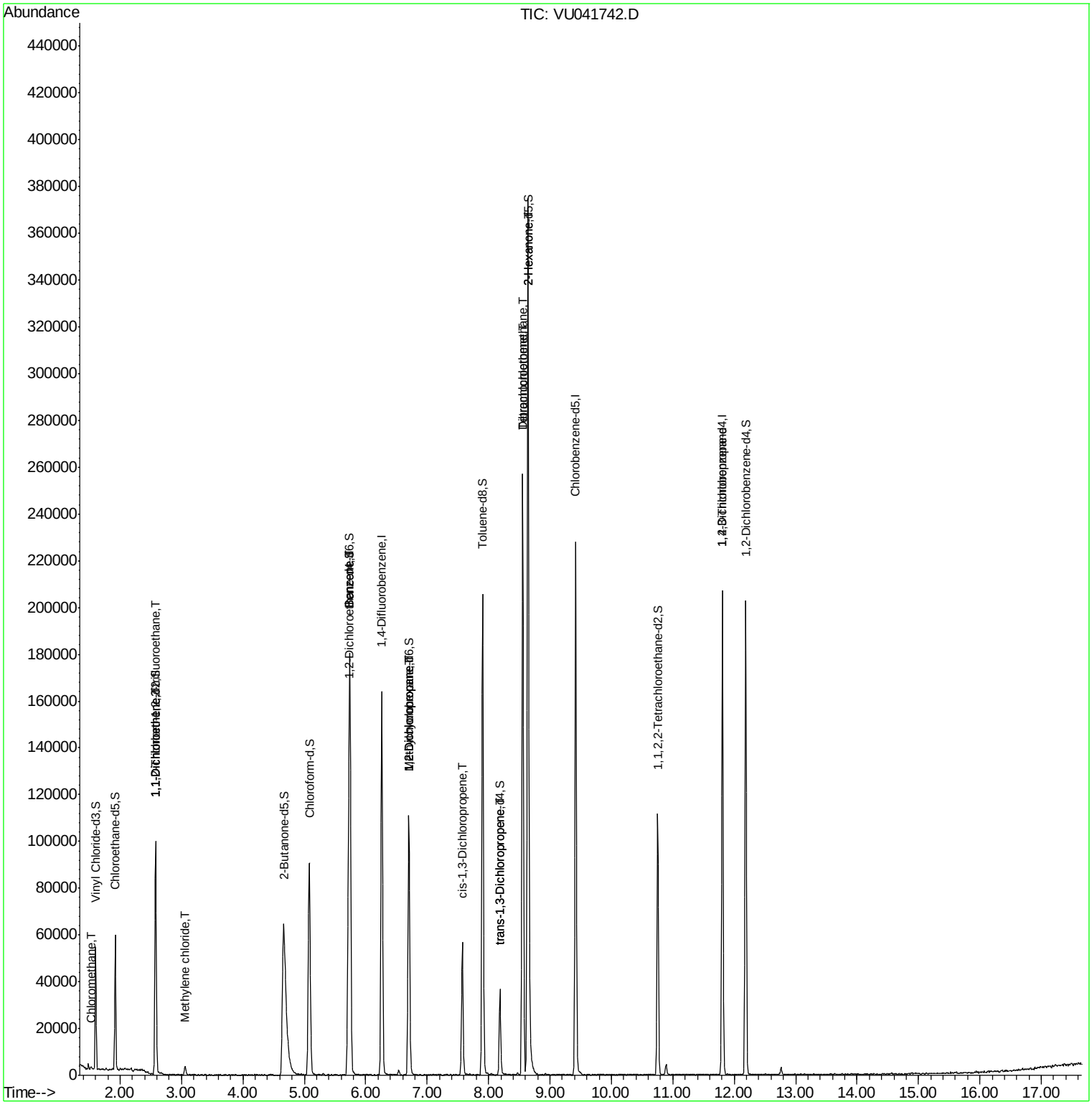
(#) = qualifier out of range (m) = manual integration (+) = signals summed

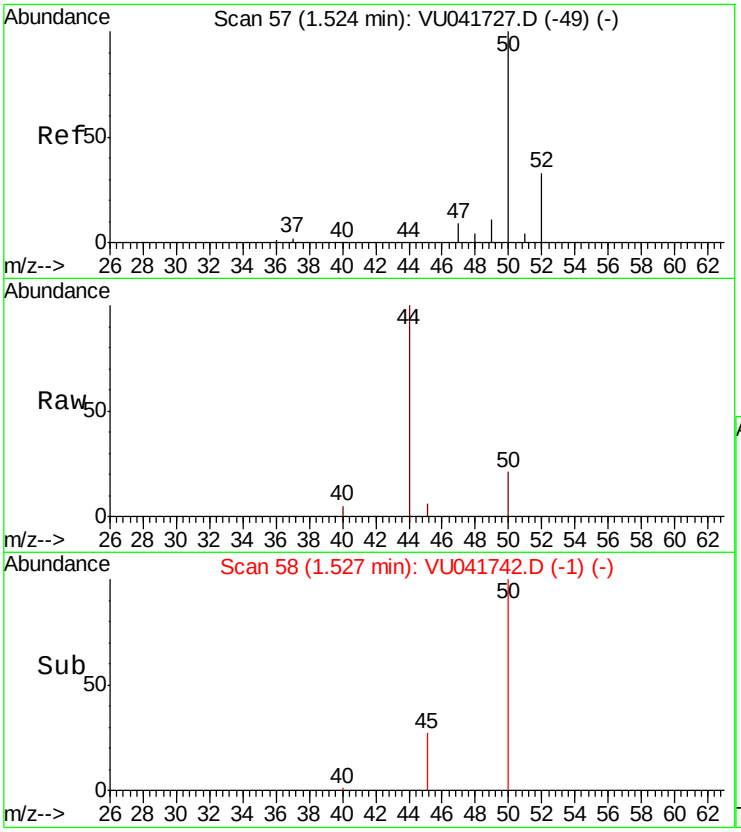
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041742.D
Acq On : 22 Dec 2020 15:26
Operator : SY/MD
Sample : L5148-01L 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Quant Time: Dec 23 04:08:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration



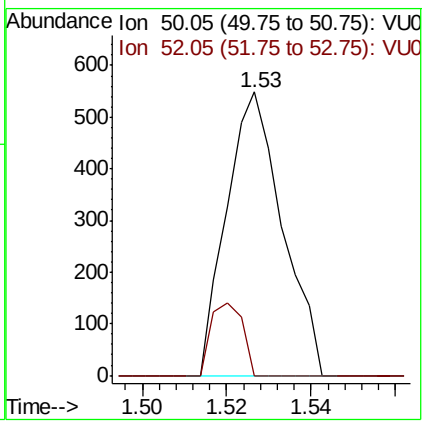


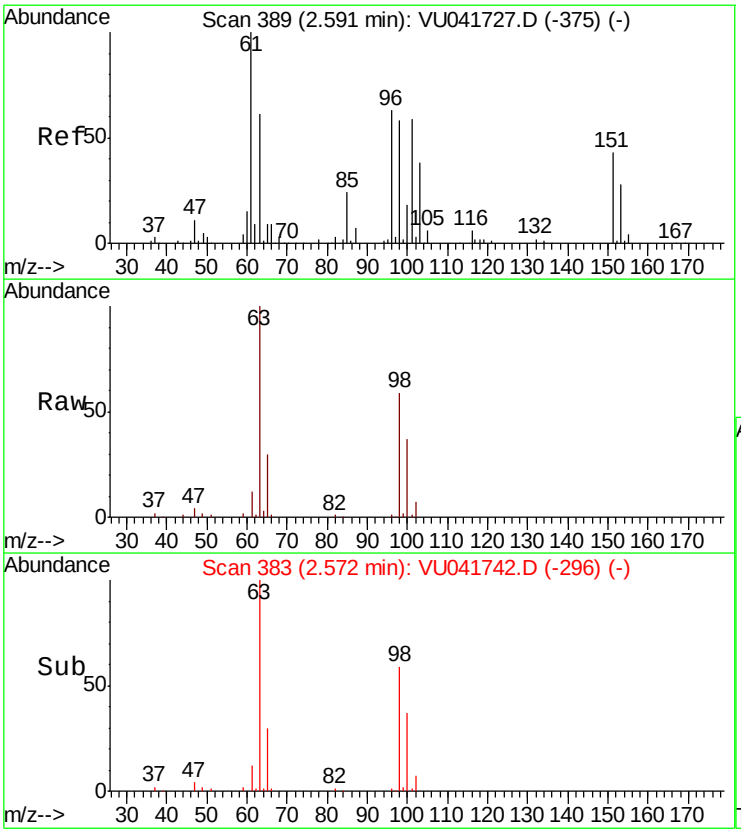
#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Tgt Ion: 50 Resp: 503

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.1	44.8#

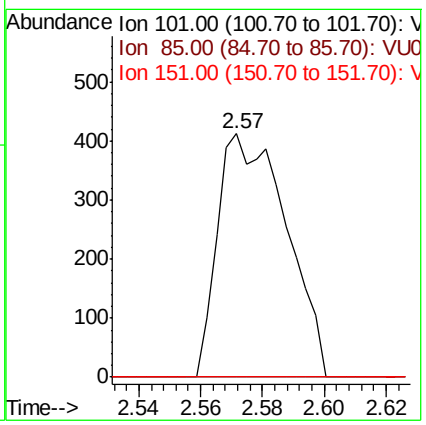


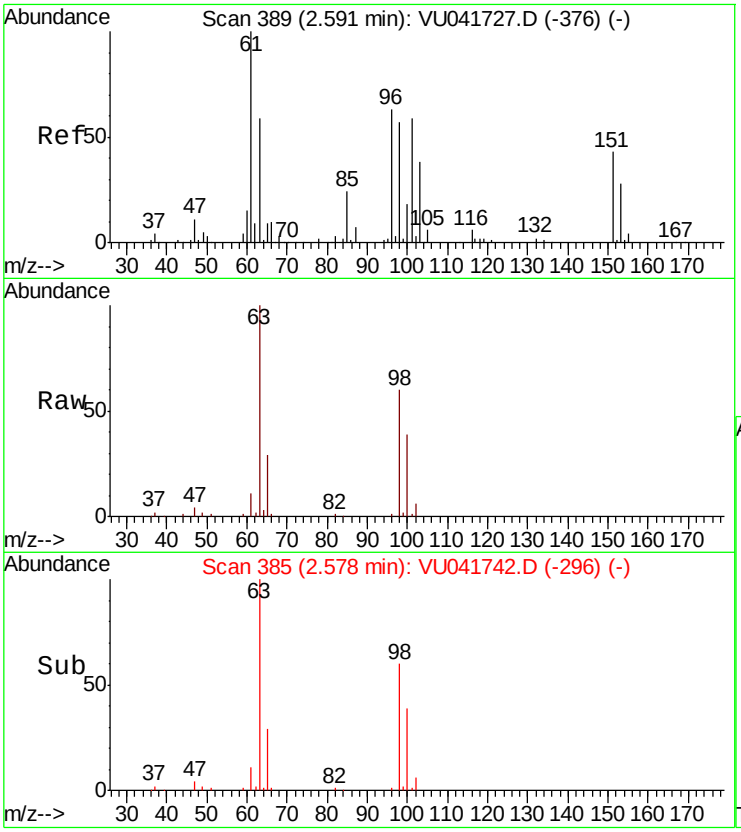


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion:101 Resp: 636

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



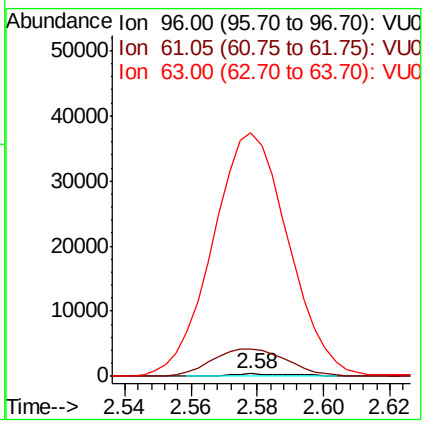


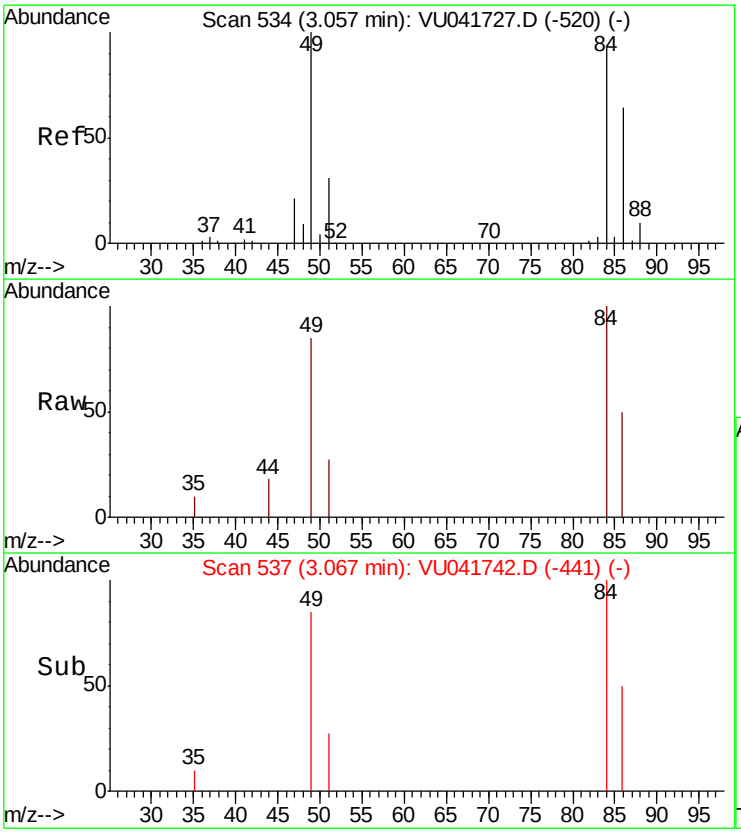
#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Tgt Ion: 96 Resp: 578

Ion	Ratio	Lower	Upper
96	100		
61	1095.9	123.8	230.0#
63	9563.2	81.0	150.4#

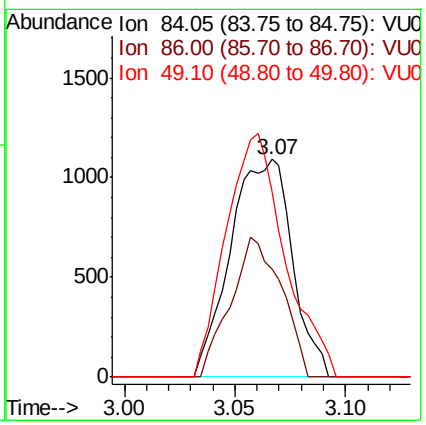


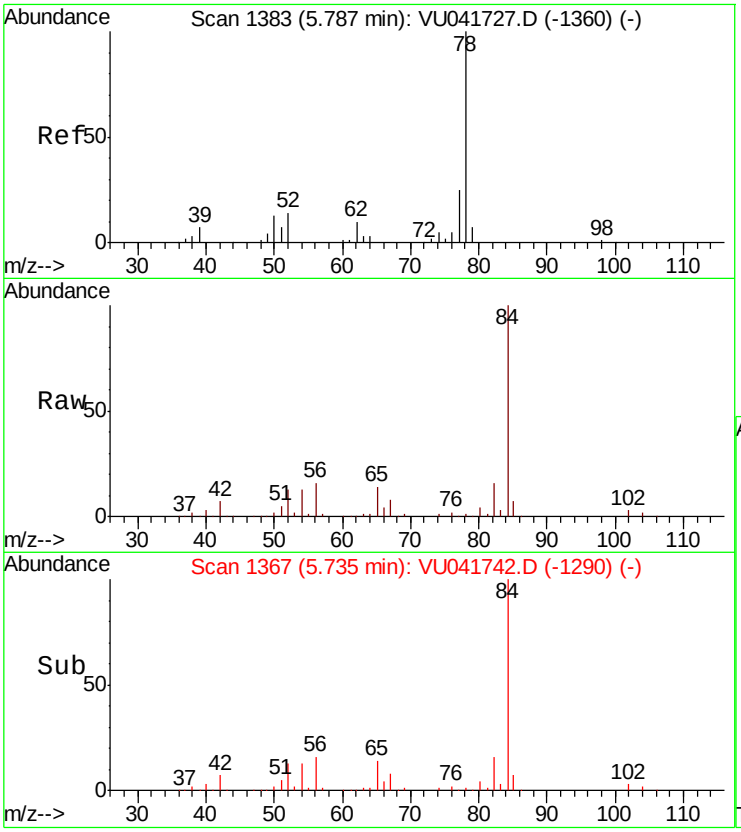


#16
Methylene chloride
Concen: 0.191 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion: 84 Resp: 2113

Ion	Ratio	Lower	Upper
84	100		
86	49.8	45.1	83.7
49	84.8	83.1	154.3

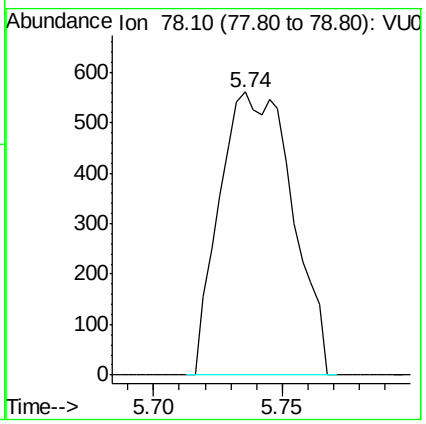


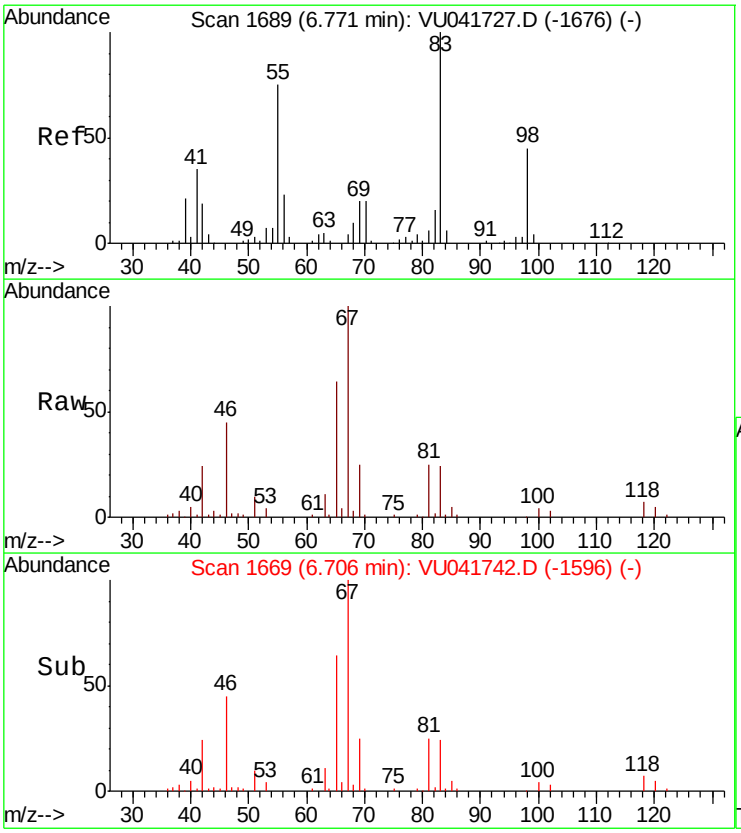


#33
Benzene
Concen: 0.026 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument :
MSVOA_U
ClientSampleId :
GB1T2DL

Tgt Ion: 78 Resp: 1101

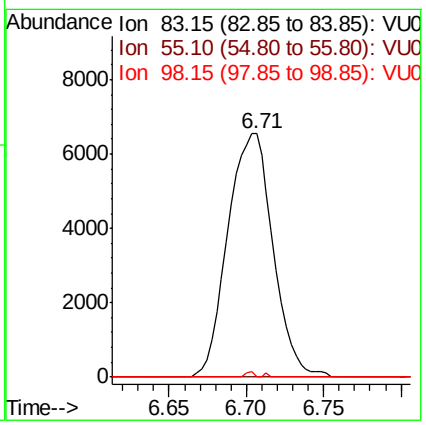


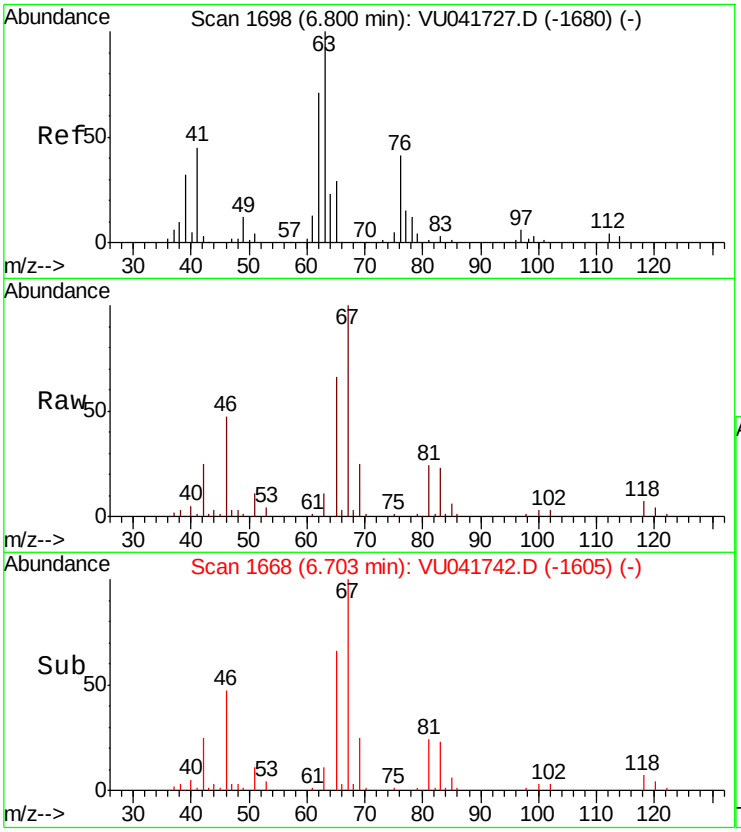


#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion: 83 Resp: 13288

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.4	36.6	54.8#



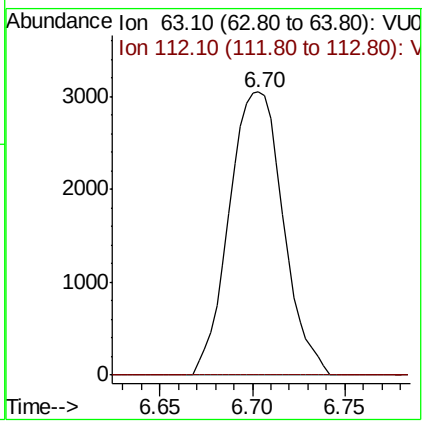


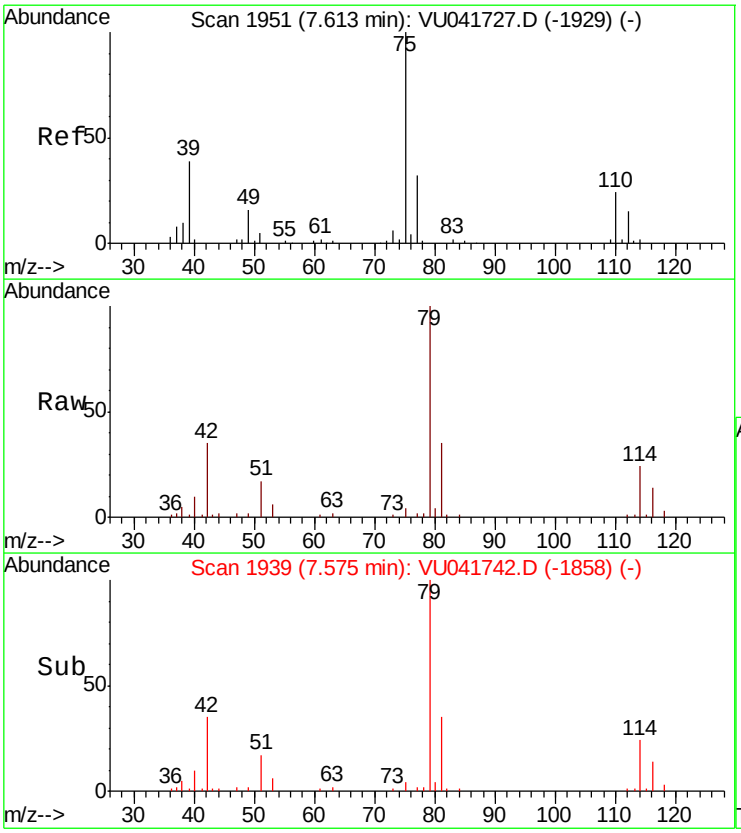
#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument :
MSVOA_U
ClientSampleId :
GB1T2DL

Tgt Ion: 63 Resp: 6174

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

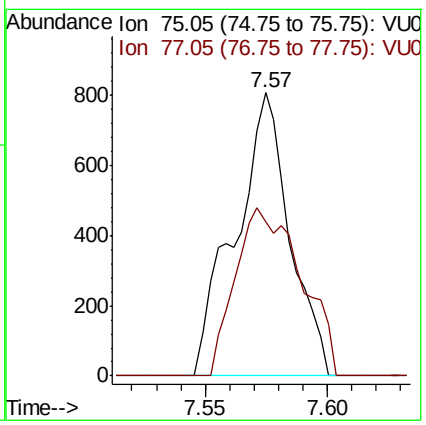


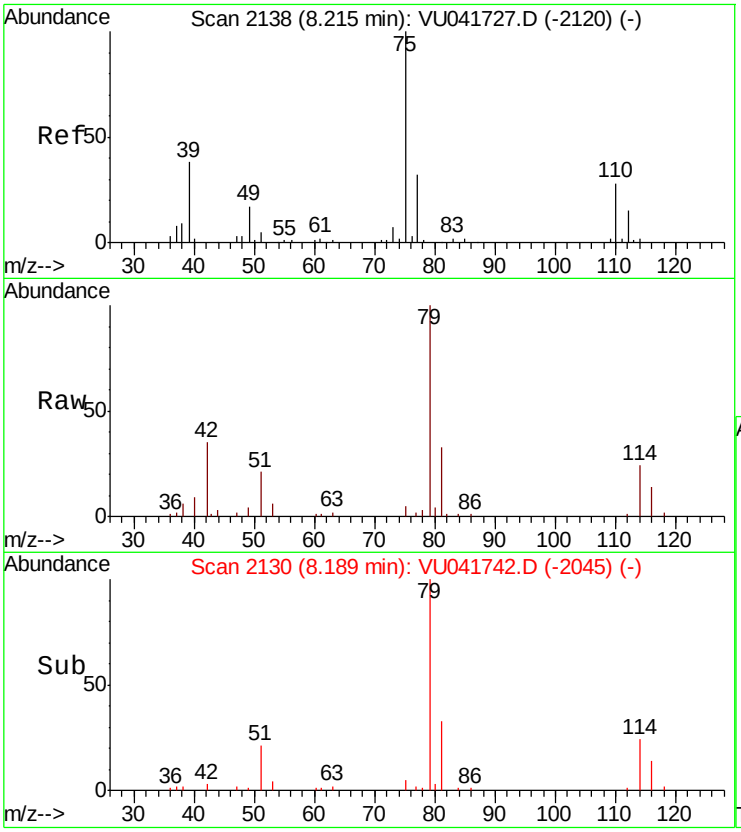


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion: 75 Resp: 1250

Ion	Ratio	Lower	Upper
75	100		
77	54.4	22.3	41.3#



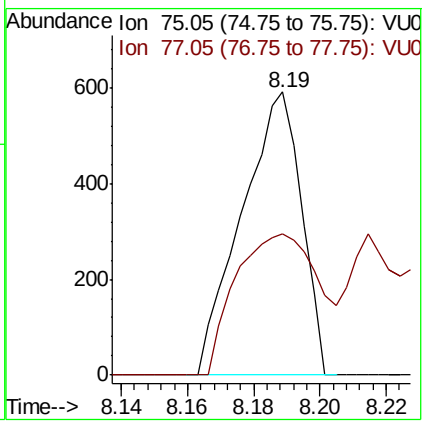


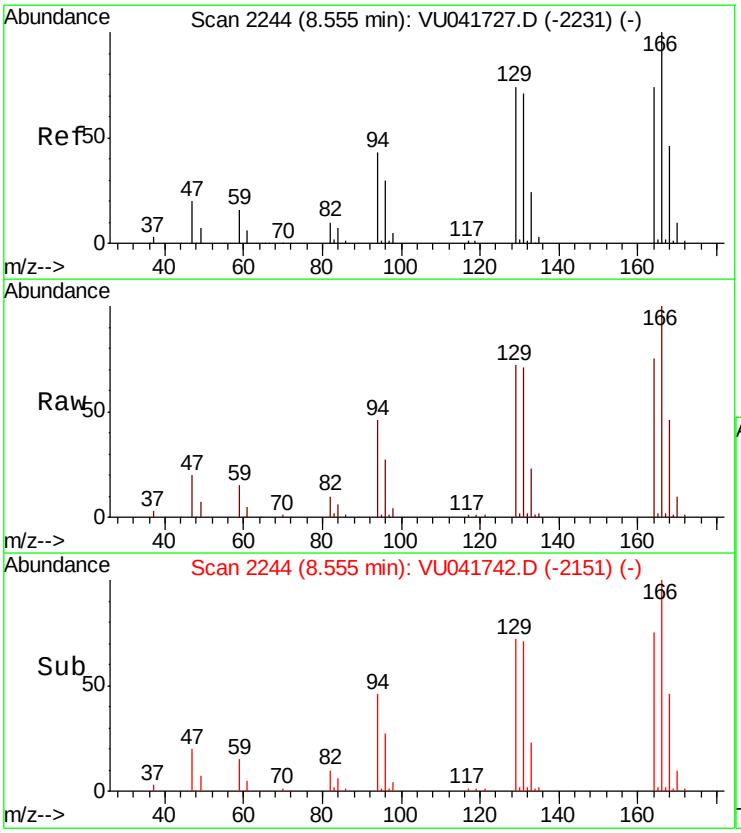
#44
trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Tgt Ion: 75 Resp: 741

Ion	Ratio	Lower	Upper
75	100		
77	50.0	23.8	44.2#

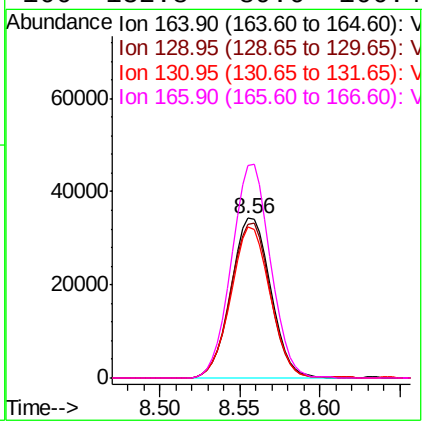


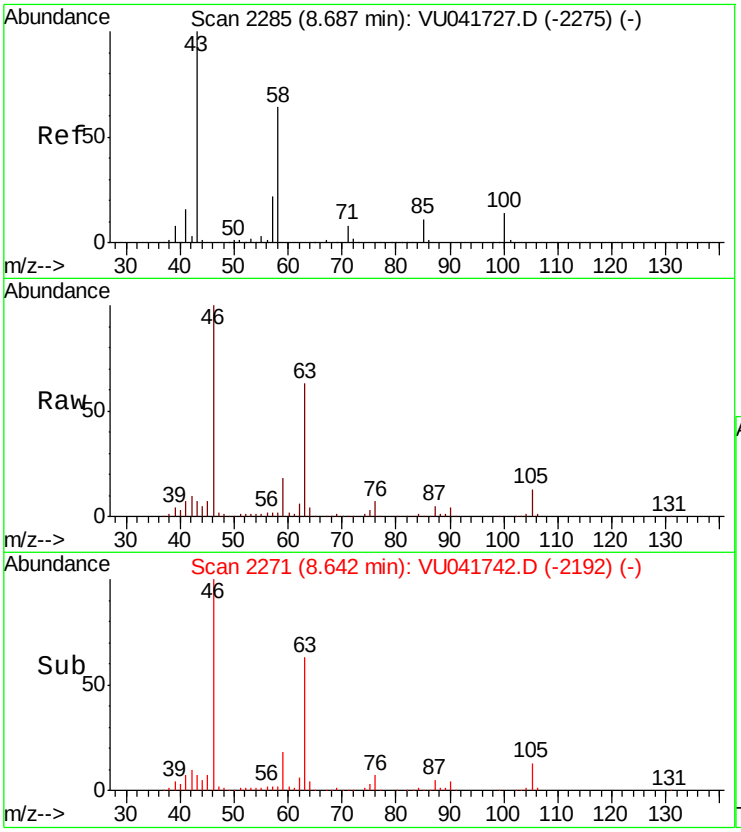


#47
Tetrachloroethene
Concen: 7.792 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion:164 Resp: 57971

Ion	Ratio	Lower	Upper
164	100		
129	96.2	72.2	134.0
131	94.5	66.9	124.3
166	132.8	89.6	166.4



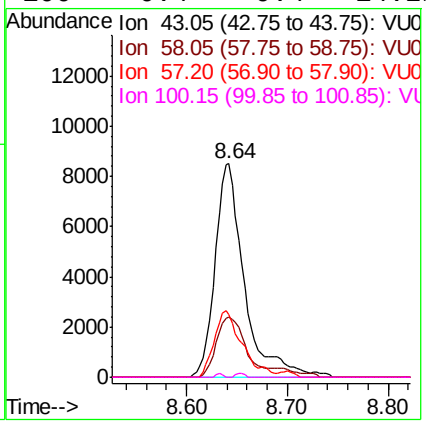


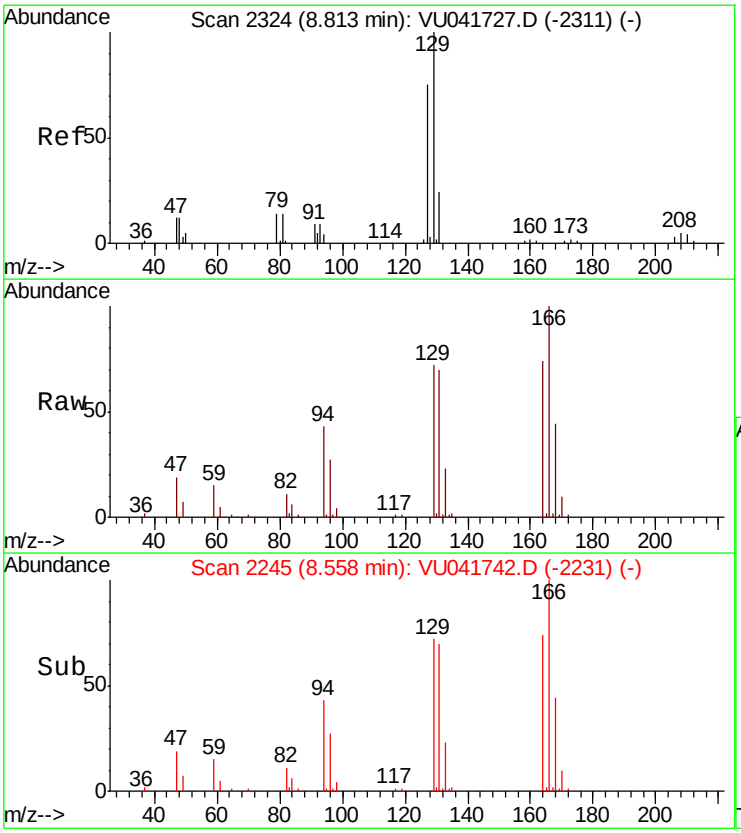
#48
2-Hexanone
Concen: 3.081 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument : MSVOA_U
ClientSampleId : GB1T2DL

Tgt Ion: 43 Resp: 17263

Ion	Ratio	Lower	Upper
43	100		
58	31.9	47.9	71.9#
57	29.6	16.5	24.7#
100	0.4	9.4	14.2#

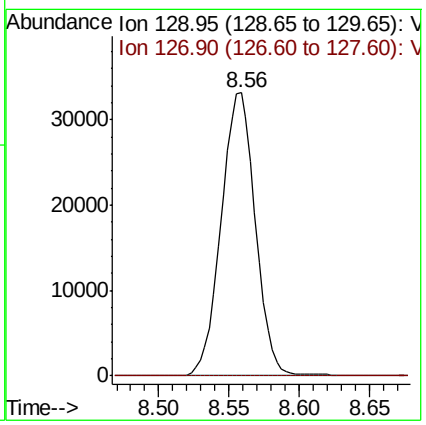


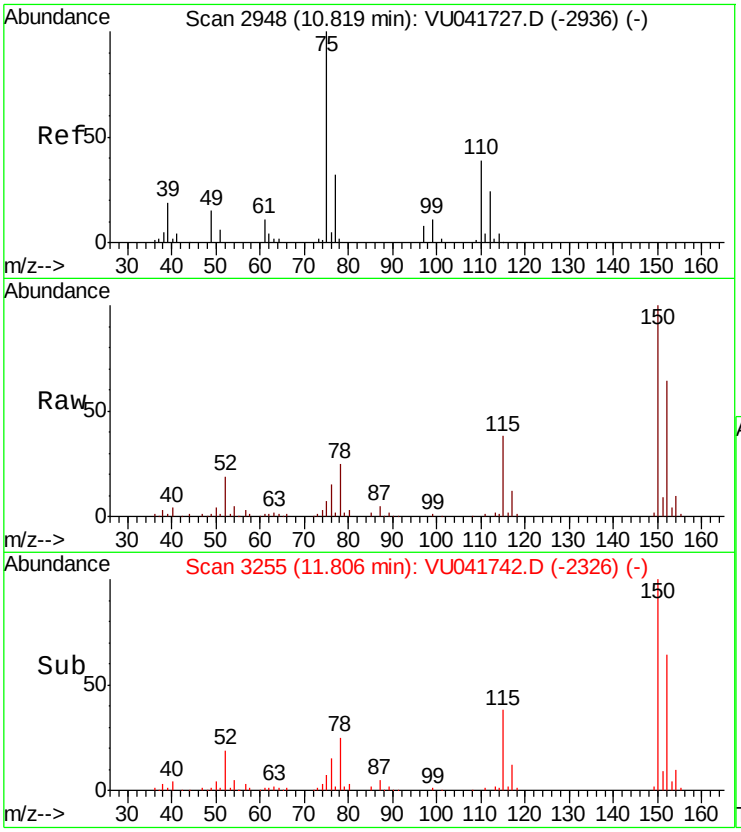


#49
Dibromochloromethane
Concen: 6.106 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Tgt Ion:129 Resp: 56109

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.790 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041742.D
Acq: 22 Dec 2020 15:26

Instrument :
MSVOA_U
ClientSampleId :
GB1T2DL

Tgt Ion: 75 Resp: 6415

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.2	39.2