Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041930.D
Acq On : 11 Jan 2021 19:06
Operator : SY/MD
Sample : M1027-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Quant Time: Jan 12 03:28:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108291	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	45428	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.92	69	43731	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.58	63	67402	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	4.66	46	145588	57.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.80%			
24) Chloroform-d	5.08	84	82546	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.72	65	48506	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.60%			
32) Benzene-d6	5.74	84	162125	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.70	67	56858	5.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.80%			
41) Toluene-d8	7.91	98	134454	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	8.19	79	20450	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.64	63	120940	58.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46481	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48625	5.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	9486	0.906	ug/L	91
3) Chloromethane	1.53	50	771	0.068	ug/L	99
9) Trichlorofluoromethane	2.15	101	726	0.045	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	624	0.072	ug/L #	20
12) 1,1-Dichloroethene	2.59	96	2177	0.258	ug/L #	1
16) Methylene chloride	3.06	84	9351	0.880	ug/L	97
19) 1,1-Dichloroethane	3.88	63	3156	0.205	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	2875	0.328	ug/L	97
25) Chloroform	5.10	83	1153	0.072	ug/L	92
34) Trichloroethene	6.56	95	38953	4.350	ug/L	92
35) Methylcyclohexane	6.70	83	12869	0.978	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5718	0.672	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1124	0.089	ug/L #	19
45) 1,1,2-Trichloroethane	8.56	97	380	0.058	ug/L #	1
47) Tetrachloroethene	8.56	164	49078	7.875	ug/L	98
48) 2-Hexanone	8.64	43	14274	3.585	ug/L #	67
49) Dibromochloromethane	8.56	129	50133	6.315	ug/L #	10

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041930.D
Acq On : 11 Jan 2021 19:06
Operator : SY/MD
Sample : M1027-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Quant Time: Jan 12 03:28:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration

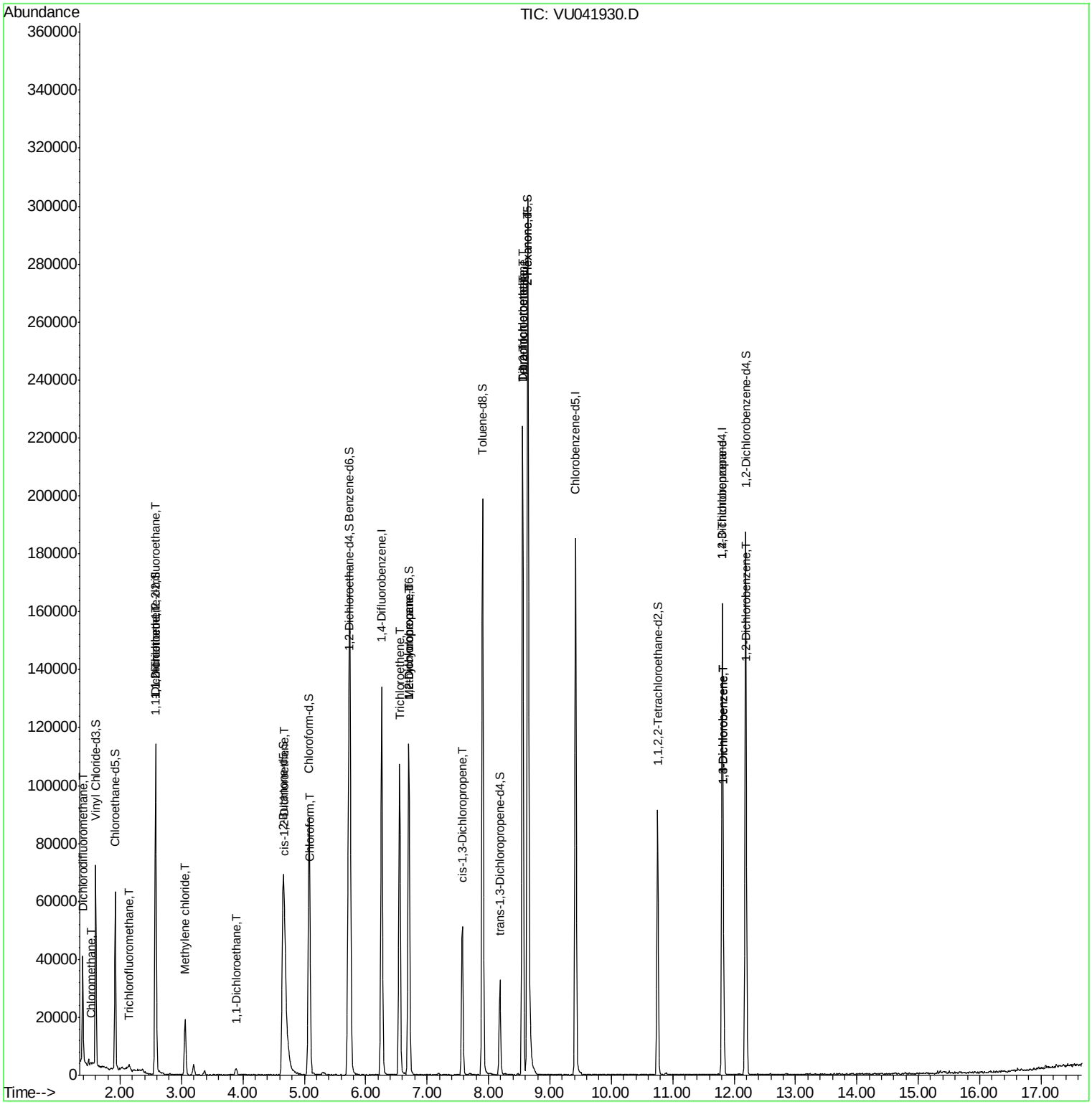
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 1,2,3-Trichloropropane	11.81	75	8109	1.305 ug/L #	77
62) 1,3-Dichlorobenzene	11.83	146	9029	0.656 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	9029	0.653 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	6235	0.470 ug/L	97

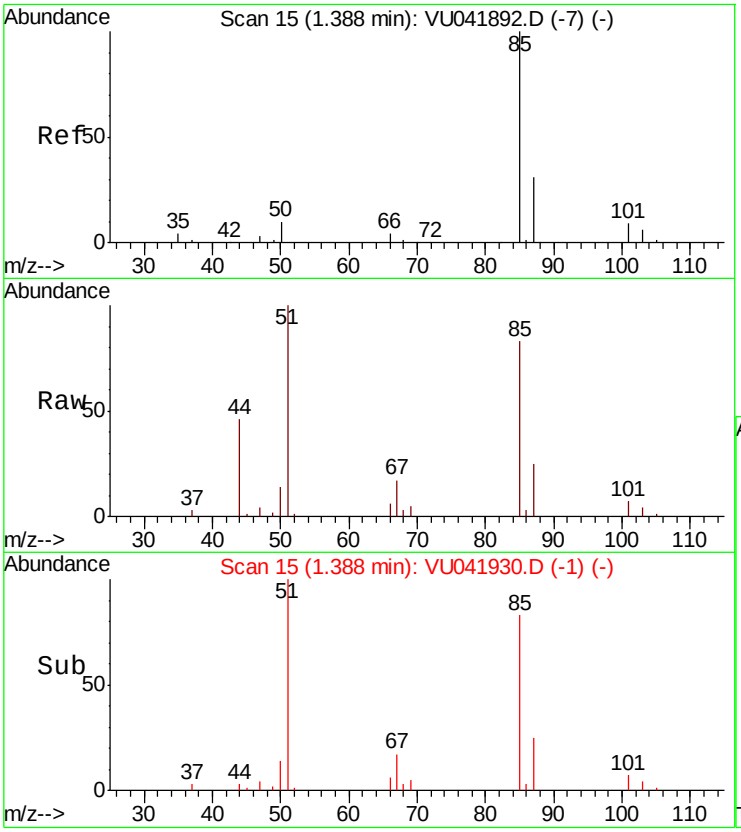
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041930.D
Acq On : 11 Jan 2021 19:06
Operator : SY/MD
Sample : M1027-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Quant Time: Jan 12 03:28:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 03:17:19 2021
Response via : Initial Calibration



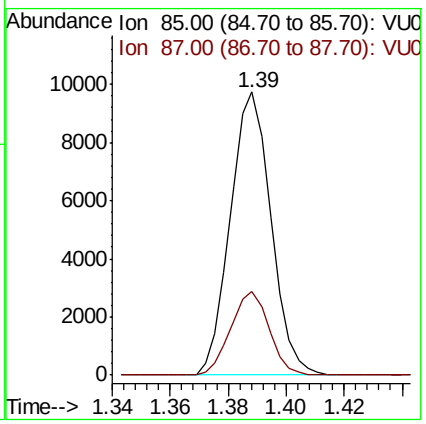


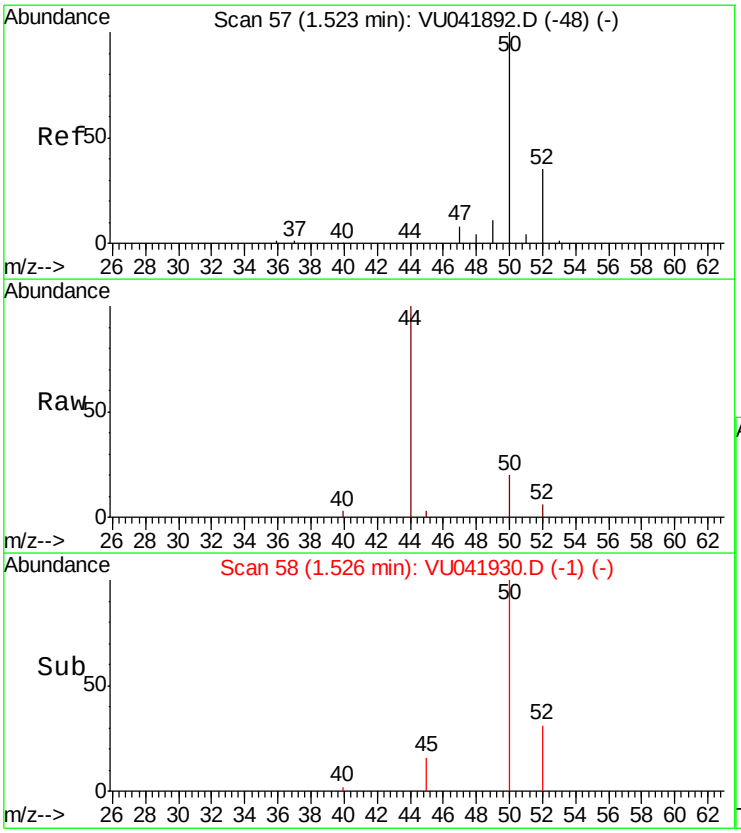
#2
Dichlorodifluoromethane
Concen: 0.906 ug/L
RT: 1.39 min Scan# 15
Delta R.T. 0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion: 85 Resp: 9486

Ion	Ratio	Lower	Upper
85	100		
87	28.0	26.3	39.5

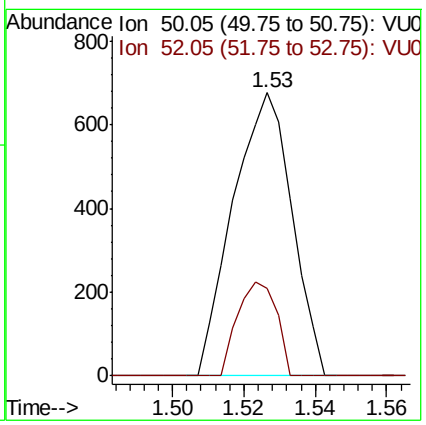


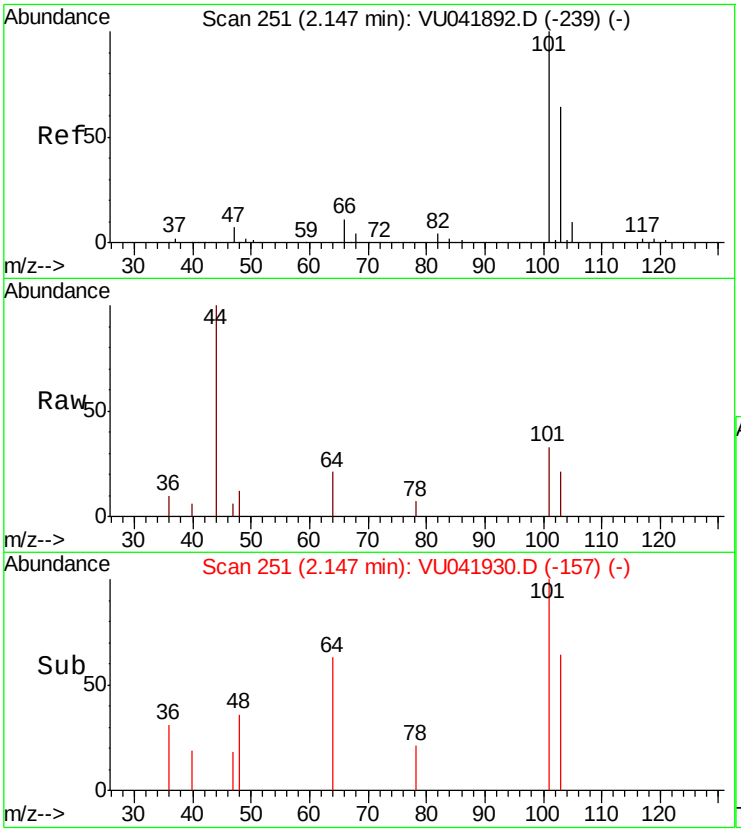


#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 50 Resp: 771

Ion	Ratio	Lower	Upper
50	100		
52	31.1	21.4	39.8



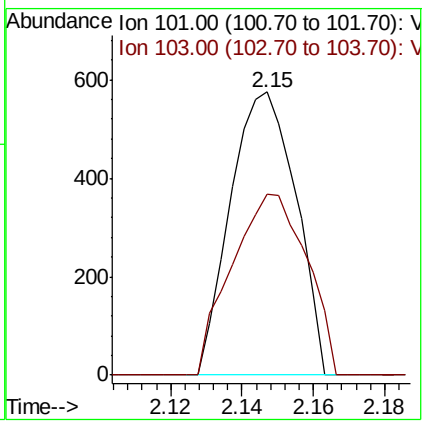


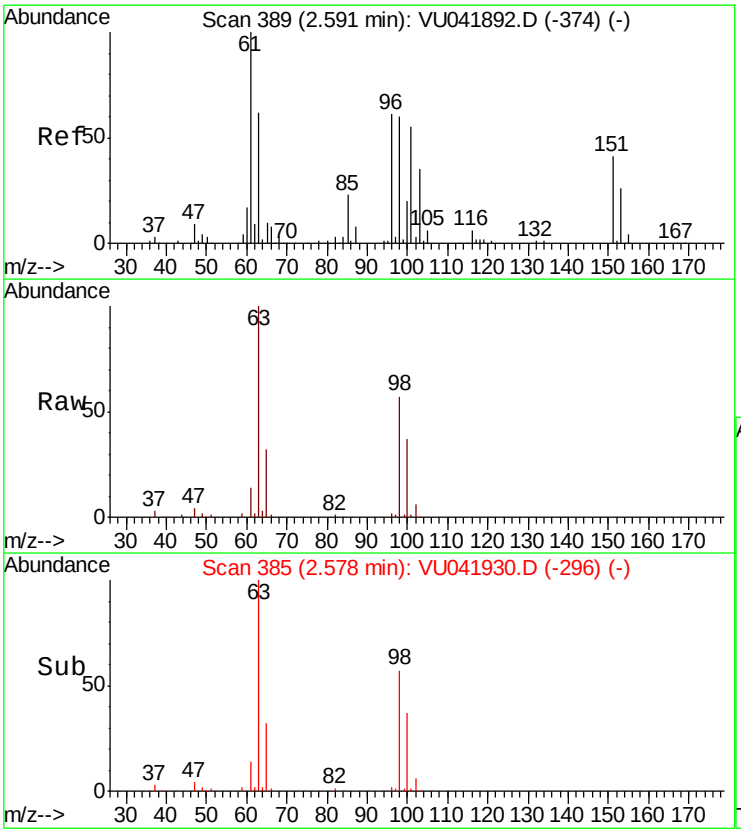
#9
Trichlorofluoromethane
Concen: 0.045 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Tgt Ion:101 Resp: 726

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.3	76.9

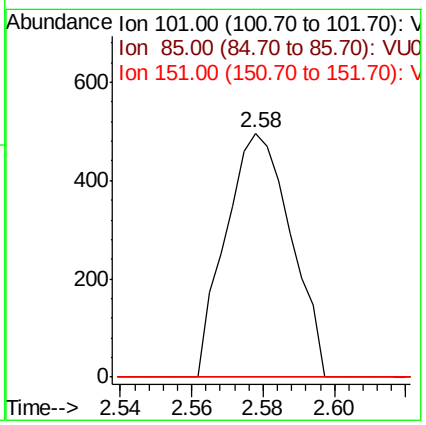


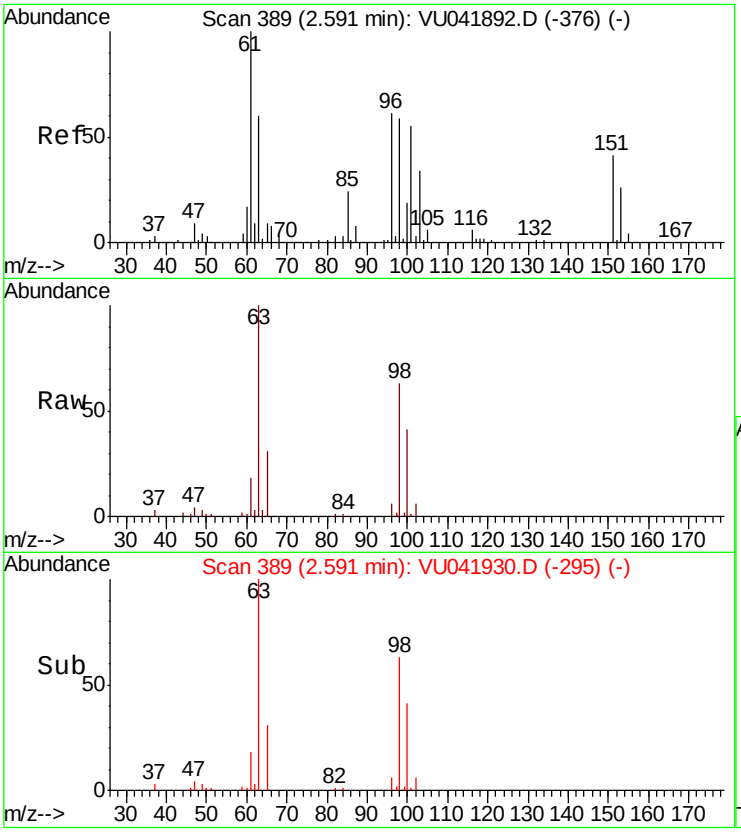


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion:101 Resp: 624

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	58.2	87.2#



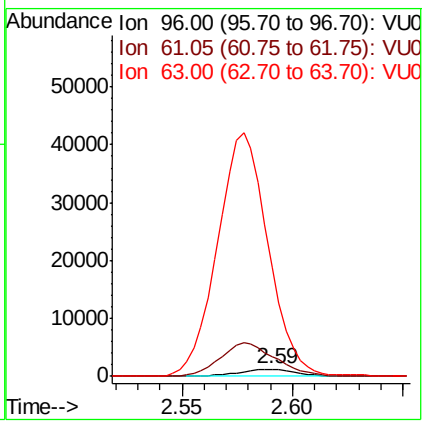


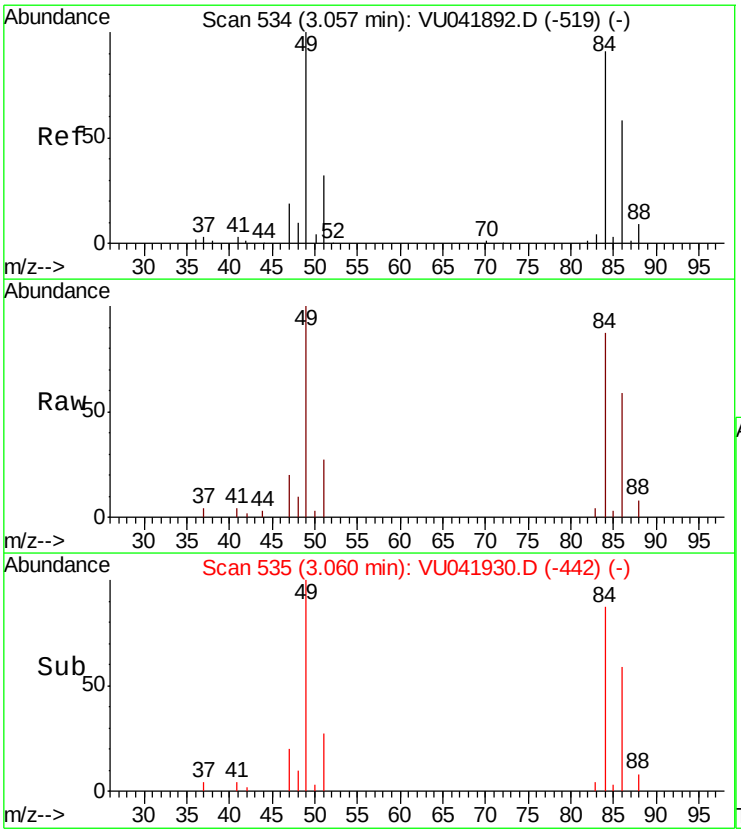
#12
1,1-Dichloroethene
Concen: 0.258 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Tgt Ion: 96 Resp: 2177

Ion	Ratio	Lower	Upper
96	100		
61	287.4	123.5	229.4#
63	1578.7	93.5	173.7#

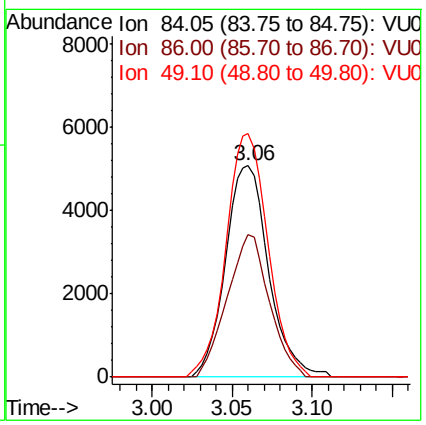


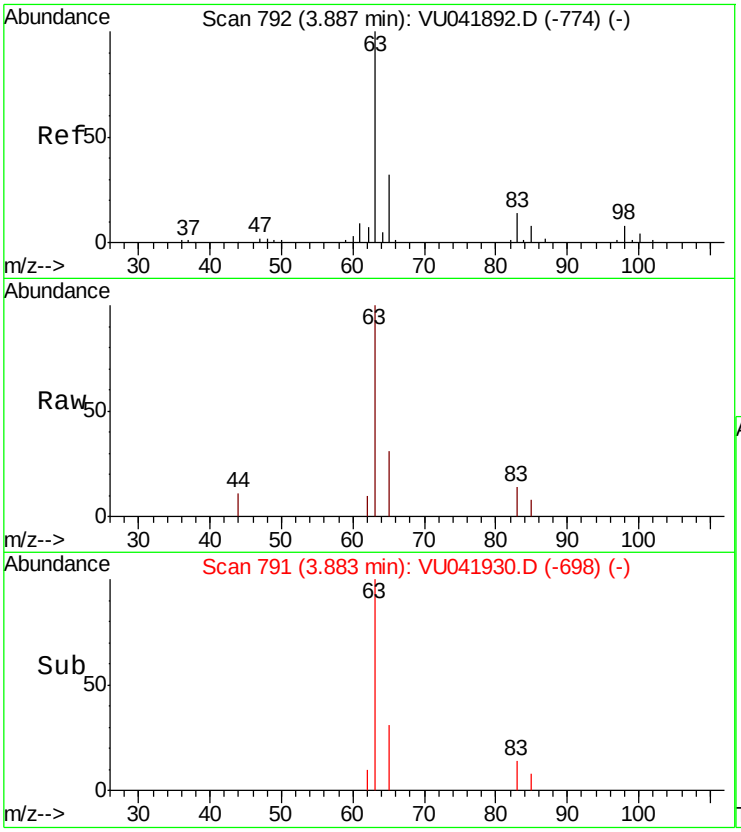


#16
Methylene chloride
Concen: 0.880 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 84 Resp: 9351

Ion	Ratio	Lower	Upper
84	100		
86	67.4	43.5	80.7
49	115.1	81.8	151.8



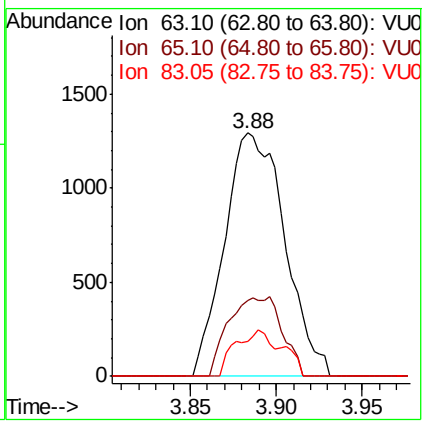


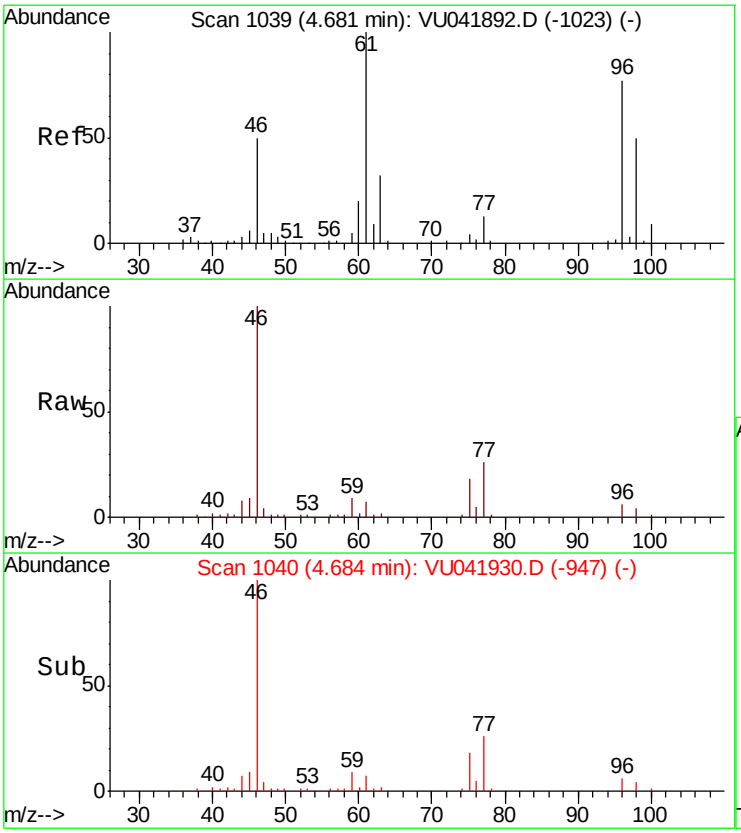
#19
1,1-Dichloroethane
Concen: 0.205 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Tgt Ion: 63 Resp: 3156

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.5
83	14.3	9.0	16.8

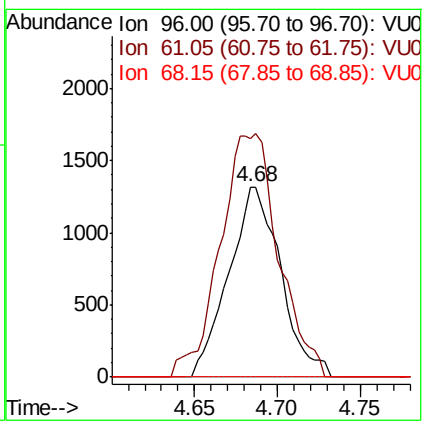


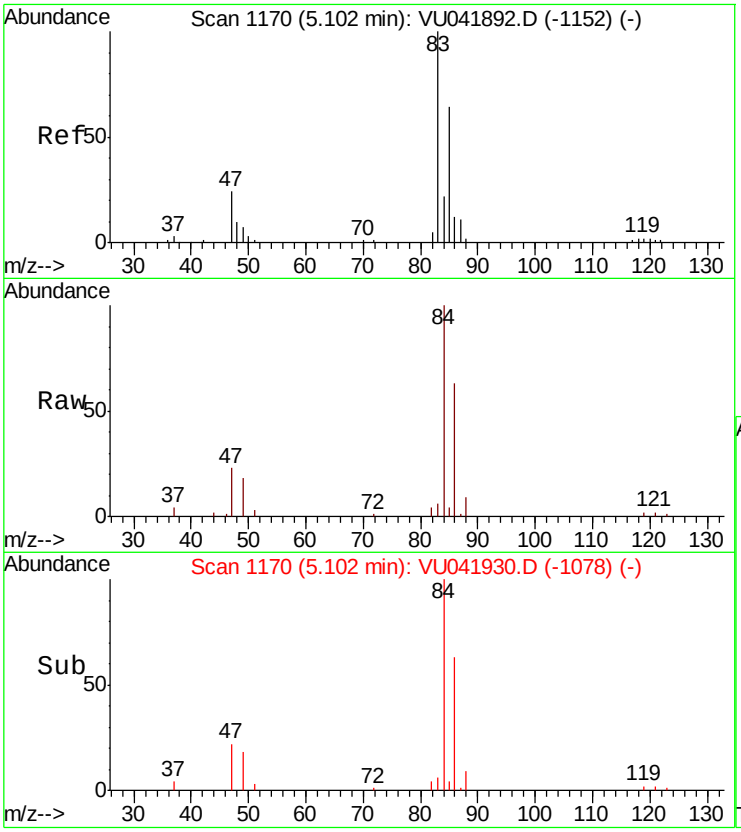


#22
cis-1,2-Dichloroethene
Concen: 0.328 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 96 Resp: 2875

Ion	Ratio	Lower	Upper
96	100		
61	125.3	90.3	167.7
68	0.0	0.0	0.0



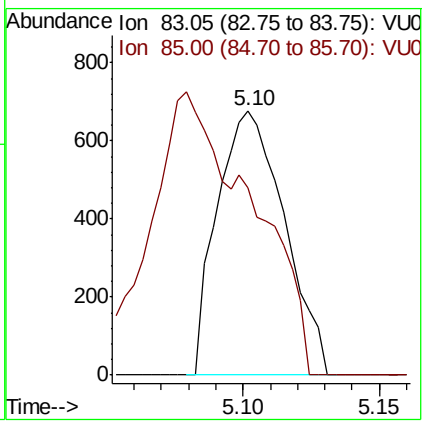


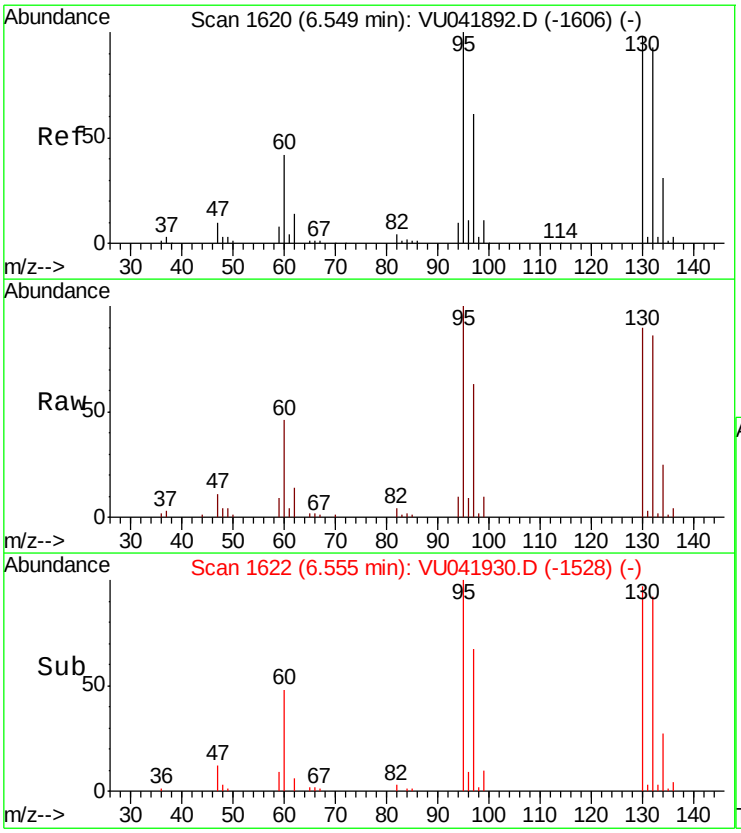
#25
Chloroform
Concen: 0.072 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion: 83 Resp: 1153

Ion	Ratio	Lower	Upper
83	100		
85	70.6	45.1	83.9

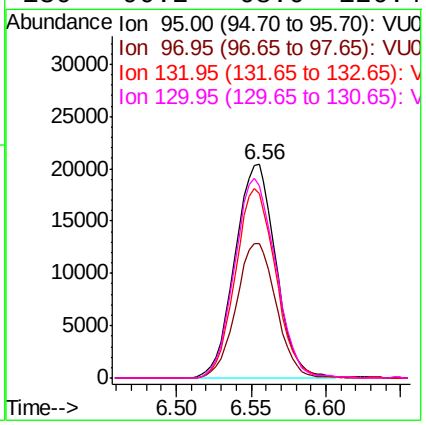


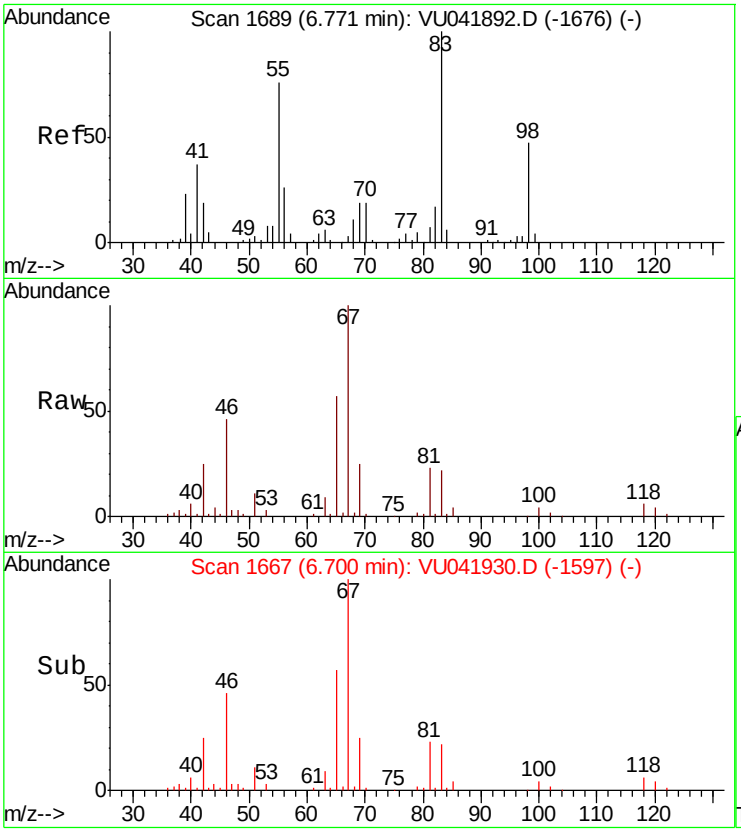


#34
Trichloroethene
Concen: 4.350 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 95 Resp: 38953

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.2	84.0
132	86.3	68.7	127.5
130	90.2	68.0	126.4



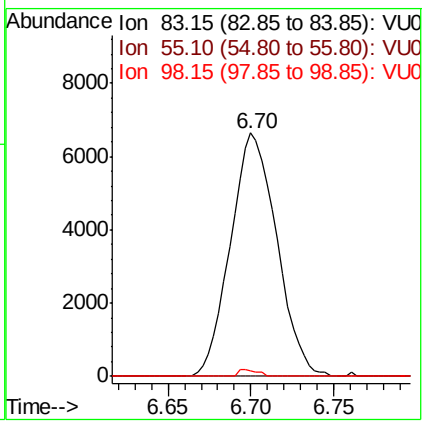


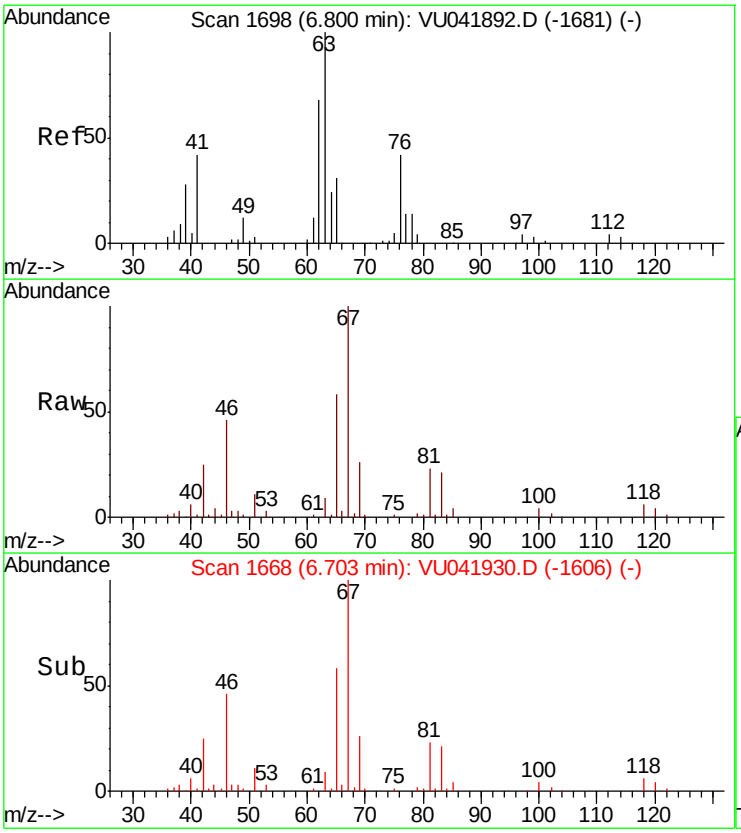
#35
Methylcyclohexane
Concen: 0.978 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Tgt Ion: 83 Resp: 12869

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.3	96.5#
98	1.1	36.6	54.8#

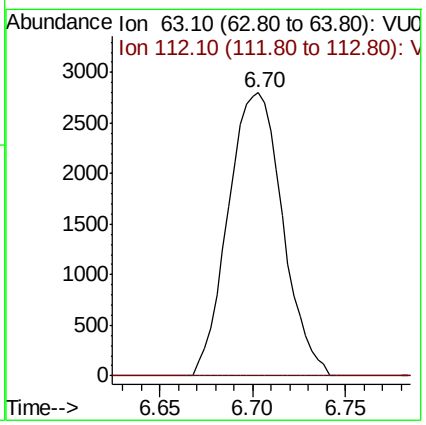


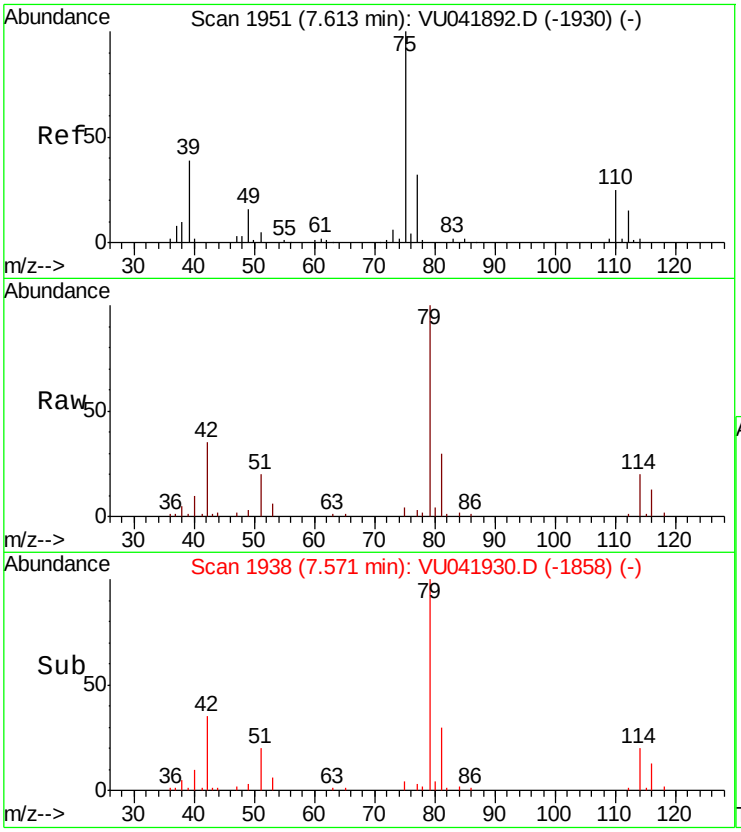


#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 63 Resp: 5718

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



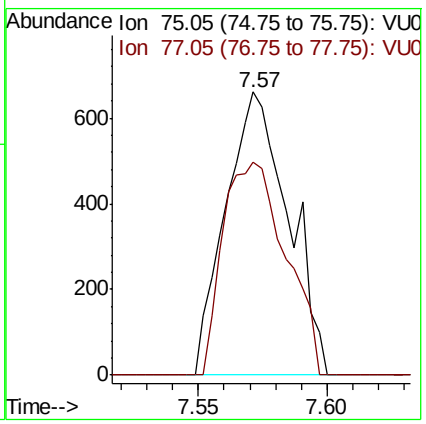


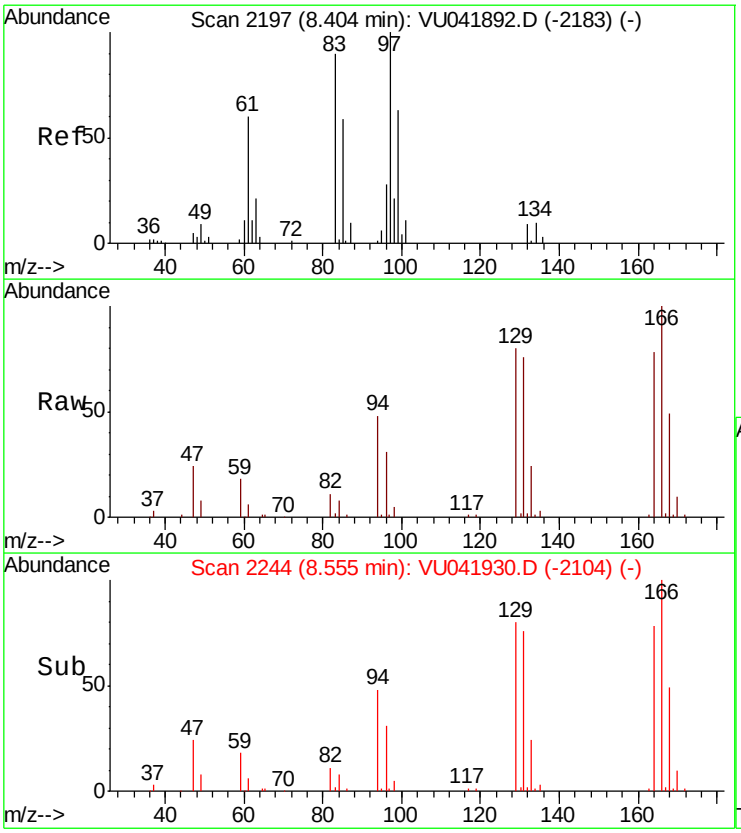
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion: 75 Resp: 1124

Ion	Ratio	Lower	Upper
75	100		
77	75.0	21.5	39.9#

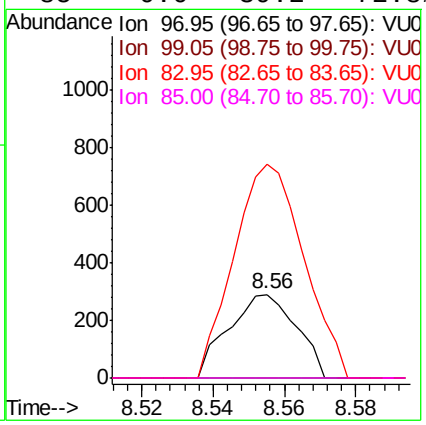


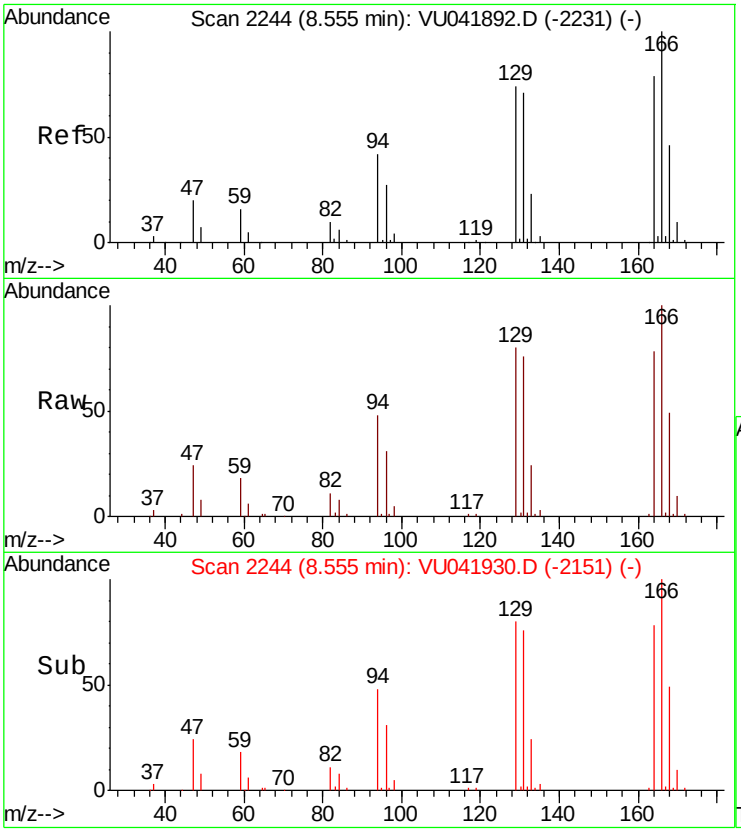


#45
1,1,2-Trichloroethane
Concen: 0.058 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.15 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 97 Resp: 380

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.1	83.9#
83	255.0	63.3	117.7#
85	0.0	39.2	72.8#



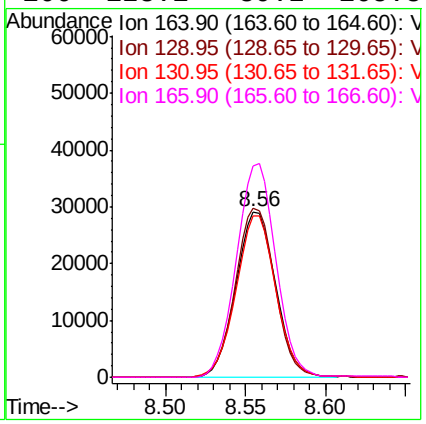


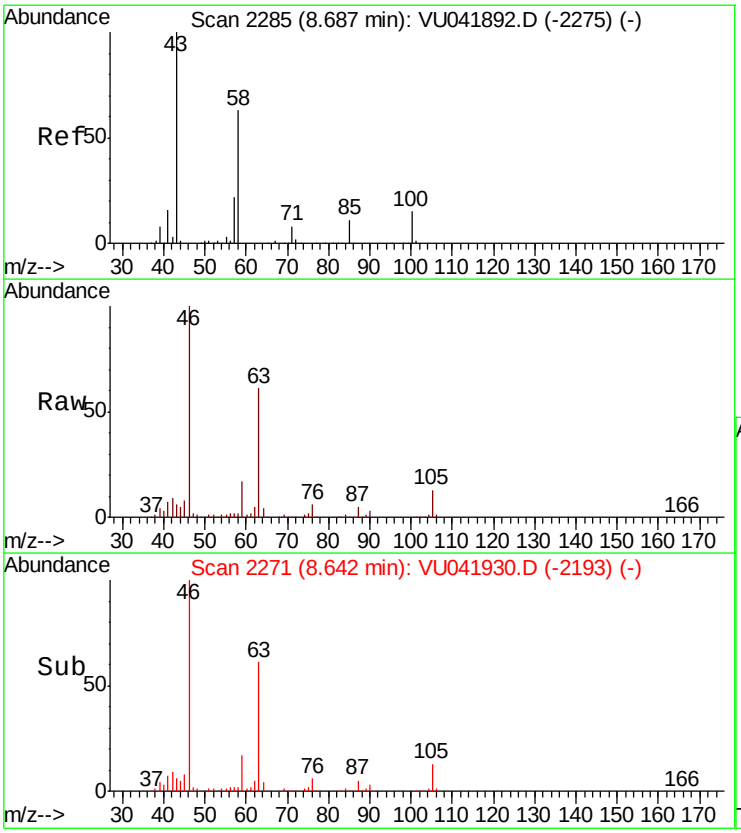
#47
Tetrachloroethene
Concen: 7.875 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument : MSVOA_U
ClientSampleId : BFXM4DL

Tgt Ion:164 Resp: 49078

Ion	Ratio	Lower	Upper
164	100		
129	102.1	69.2	128.6
131	97.7	69.7	129.5
166	128.1	89.2	165.8

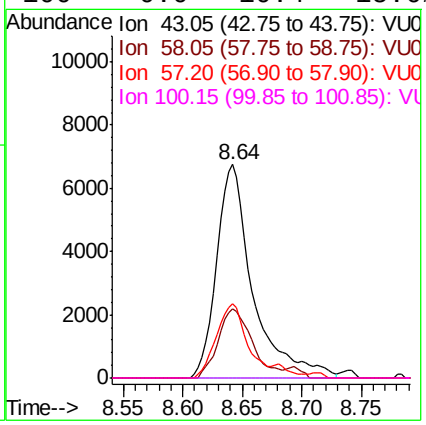


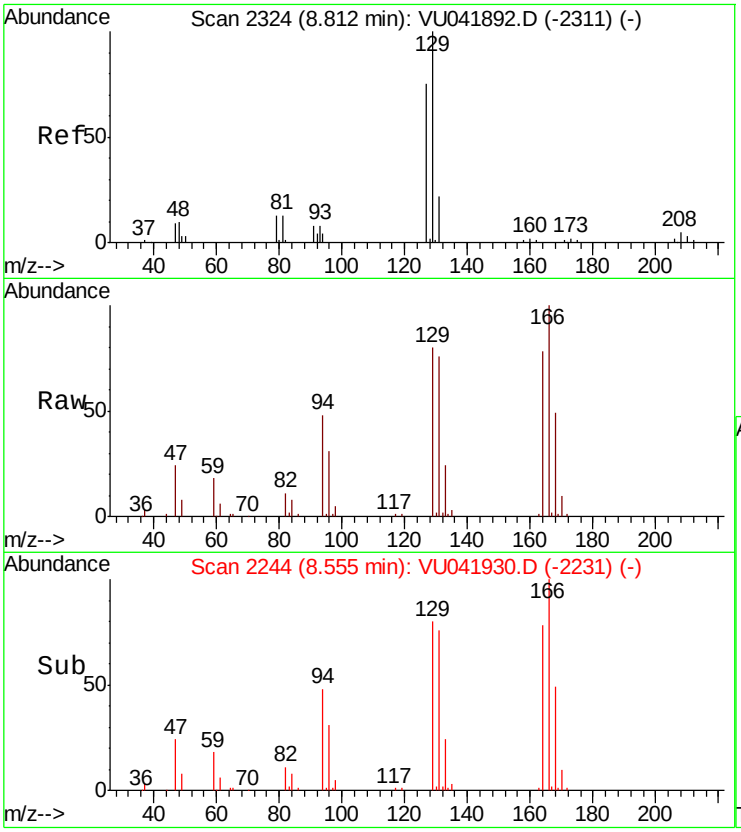


#48
2-Hexanone
Concen: 3.585 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 43 Resp: 14274

Ion	Ratio	Lower	Upper
43	100		
58	30.2	47.6	71.4#
57	29.5	17.1	25.7#
100	0.0	10.4	15.6#



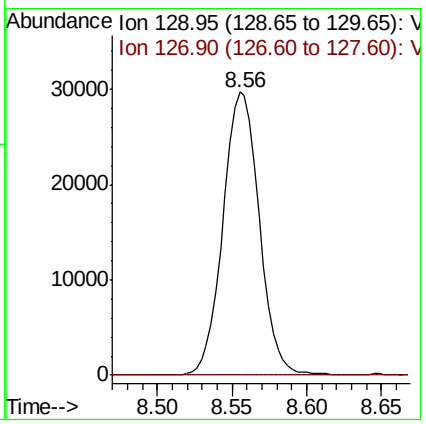


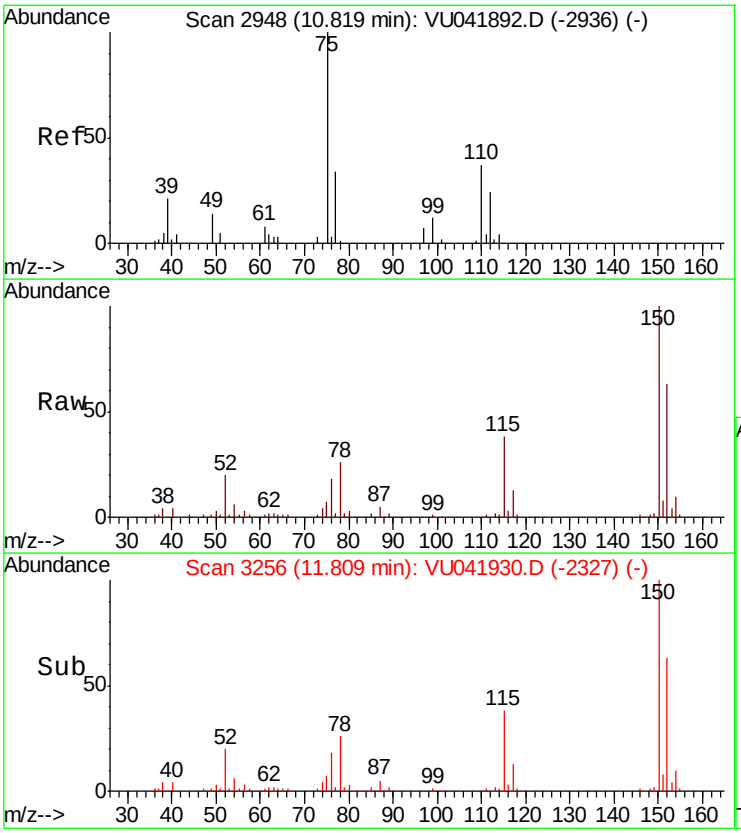
#49
Dibromochloromethane
Concen: 6.315 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion:129 Resp: 50133

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#

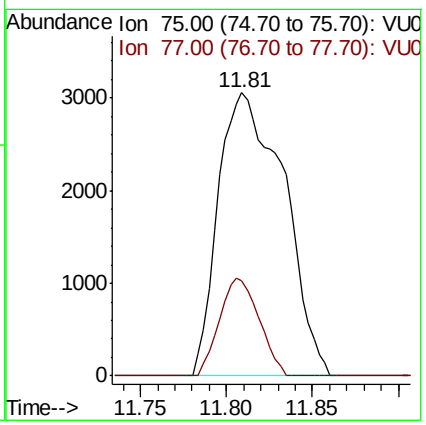


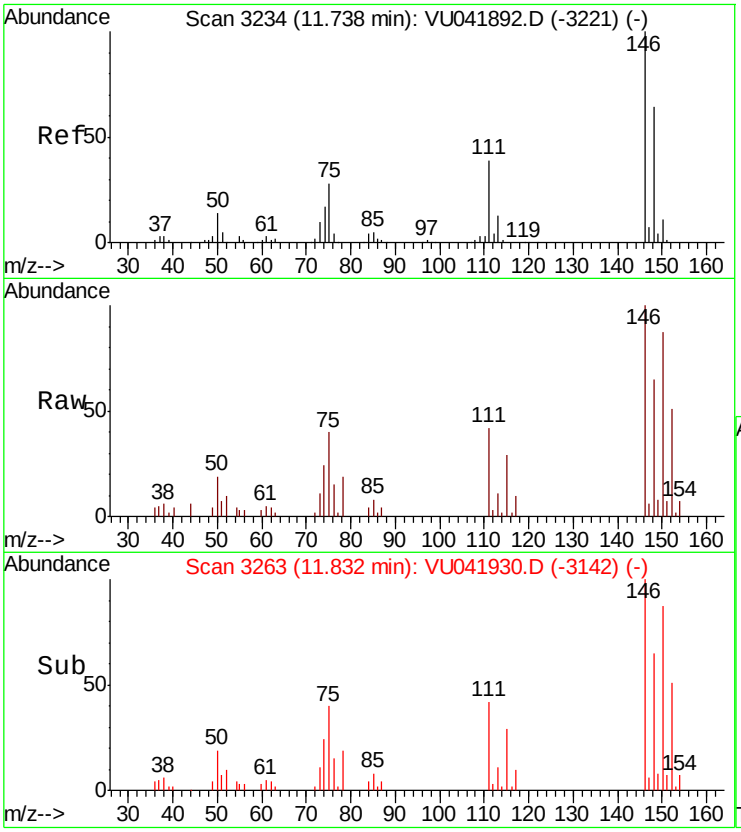


#59
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion: 75 Resp: 8109

Ion	Ratio	Lower	Upper
75	100		
77	20.8	27.0	40.4#



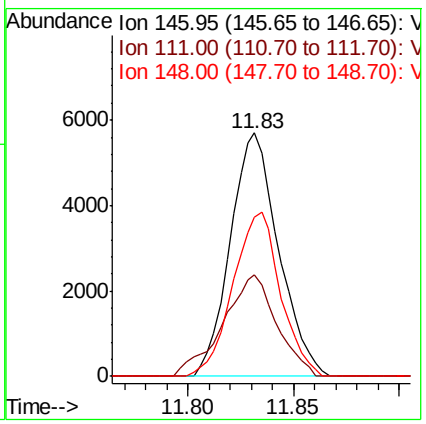


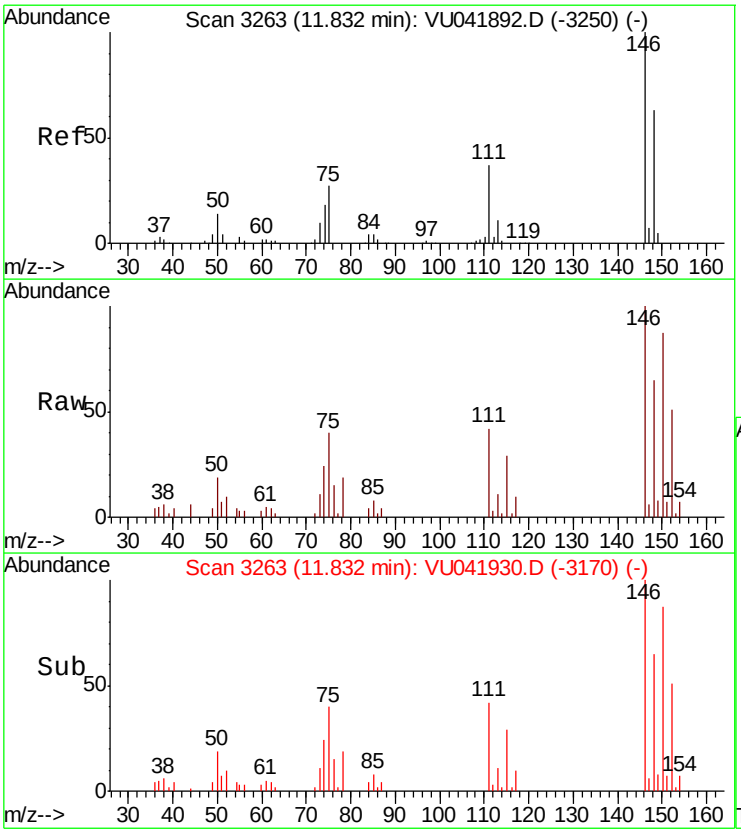
#62
1,3-Dichlorobenzene
Concen: 0.656 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.09 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion:146 Resp: 9029

Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.7	53.3
148	65.4	43.2	80.2

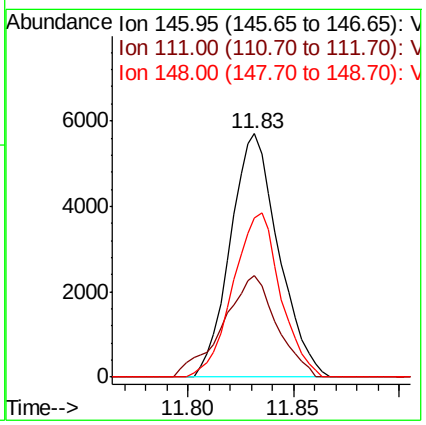


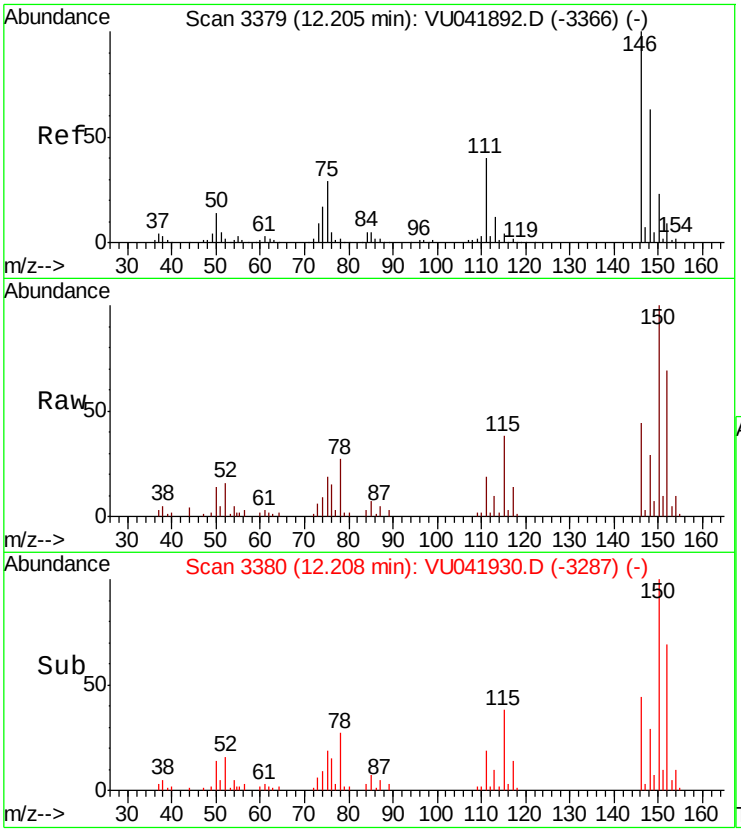


#63
1,4-Dichlorobenzene
Concen: 0.653 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Tgt Ion:146 Resp: 9029

Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.4	52.8
148	65.4	44.0	81.8





#65
1,2-Dichlorobenzene
Concen: 0.470 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU041930.D
Acq: 11 Jan 2021 19:06

Instrument :
MSVOA_U
ClientSampleId :
BFXM4DL

Tgt Ion:146 Resp: 6235

Ion	Ratio	Lower	Upper
146	100		
111	42.3	32.4	48.6
148	65.8	50.5	75.7