Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061320\

Quantitation Report (Not Reviewed)

Data File : VU038840.D
Acq On : 12 Jun 2020 09:56
Operator : SY/MD
Sample : VSTD005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Quant Time: Jun 12 10:33:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 10:00:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	153235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79486	4.17	ug/L	0.00
7) Chloroethane-d5	1.93	69	63686	4.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	179927	4.80	ug/L	0.00
20) 2-Butanone-d5	4.68	46	249227	43.07	ug/L	0.00
24) Chloroform-d	5.10	84	177139	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	97369	4.79	ug/L	0.00
32) Benzene-d6	5.76	84	342845	4.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	102479	4.56	ug/L	0.00
41) Toluene-d8	7.92	98	320360	4.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	45466	4.71	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	201490	42.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84426	4.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	119910	4.54	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	139436	6.011	ug/L	98
3) Chloromethane	1.53	50	113215	5.315	ug/L	100
5) Vinyl chloride	1.62	62	123204	5.398	ug/L	99
6) Bromomethane	1.88	94	70258	6.341	ug/L	98
8) Chloroethane	1.95	64	71991	5.264	ug/L	96
9) Trichlorofluoromethane	2.16	101	182730	6.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	105532	5.918	ug/L	99
12) 1,1-Dichloroethene	2.60	96	98551	5.437	ug/L	100
13) Acetone	2.68	43	196547	51.902	ug/L	100
14) Carbon disulfide	2.82	76	338615	5.506	ug/L	99
15) Methyl Acetate	2.98	43	46524	5.015	ug/L	96
16) Methylene chloride	3.08	84	109981	5.362	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	254948	5.364	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	105840	5.418	ug/L	99
19) 1,1-Dichloroethane	3.91	63	193424	5.533	ug/L	100
21) 2-Butanone	4.75	43	325556	51.111	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	111882	5.319	ug/L	95
23) Bromochloromethane	5.01	128	52193	5.514	ug/L	99
25) Chloroform	5.13	83	198082	5.578	ug/L	99
27) 1,2-Dichloroethane	5.83	62	137855	5.514	ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	176290	5.697	ug/L	100
30) Cyclohexane	5.42	56	173995	5.362	ug/L	98
31) Carbon tetrachloride	5.56	117	150586	5.845	ug/L	99
33) Benzene	5.81	78	437766	5.368	ug/L	100
34) Trichloroethene	6.57	95	113357	5.356	ug/L	97
35) Methylcyclohexane	6.79	83	172891	5.276	ug/L	98
37) 1,2-Dichloropropane	6.82	63	110124	5.367	ug/L	100
38) Bromodichloromethane	7.13	83	139592	5.478	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	163201	5.381	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	715251	48.739	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061320\

Quantitation Report (Not Reviewed)

Data File : VU038840.D
Acq On : 12 Jun 2020 09:56
Operator : SY/MD
Sample : VSTD005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Quant Time: Jun 12 10:33:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 10:00:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	464203	5.427	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	145325	5.426	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	82982	5.360	ug/L	98
47) Tetrachloroethene	8.57	164	85297	5.547	ug/L	97
48) 2-Hexanone	8.71	43	556326	50.058	ug/L	99
49) Dibromochloromethane	8.83	129	94044	5.628	ug/L	96
50) 1,2-Dibromoethane	8.94	107	78277	5.281	ug/L	98
51) Chlorobenzene	9.47	112	291628	5.287	ug/L	98
52) Ethylbenzene	9.59	91	501886	5.274	ug/L	99
53) m,p-Xylene	9.71	106	194813	5.323	ug/L	93
54) o-Xylene	10.11	106	189087	5.382	ug/L	99
55) Styrene	10.13	104	325235	5.454	ug/L	99
56) Isopropylbenzene	10.50	105	497364	5.379	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	99802	5.073	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	76775	5.013	ug/L	99
61) Bromoform	10.31	173	51745	5.421	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	236284	5.248	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	238346	5.221	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	221640	5.184	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17241	4.981	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	173983	5.180	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	152139	4.893	ug/L	97
69) Naphthalene	14.11	128	281776	4.554	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	140928	4.982	ug/L	97

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

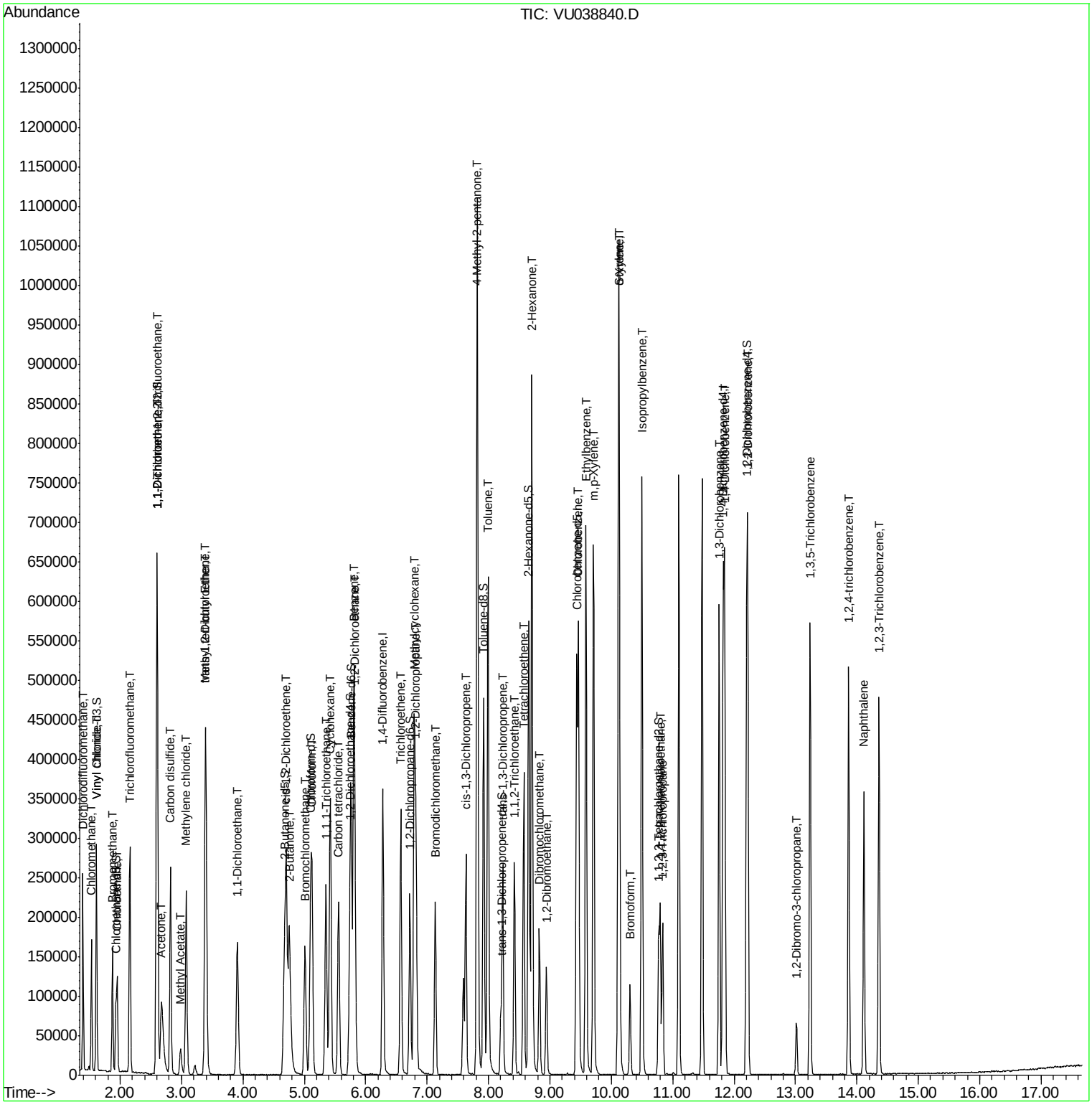
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061320\

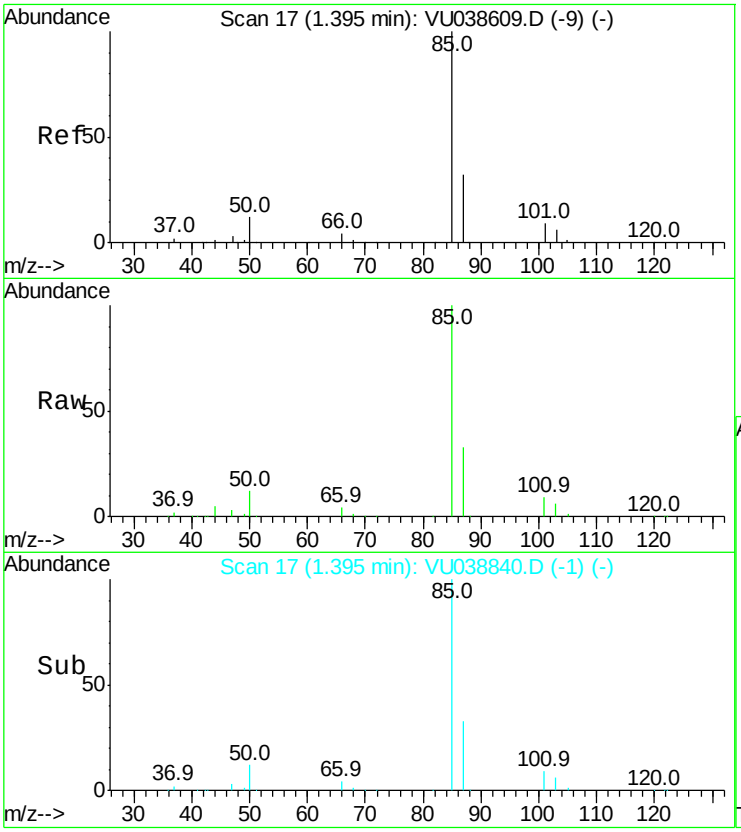
Quantitation Report (Not Reviewed)

Data File : VU038840.D
Acq On : 12 Jun 2020 09:56
Operator : SY/MD
Sample : VSTD005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Quant Time: Jun 12 10:33:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 10:00:03 2020
Response via : Initial Calibration



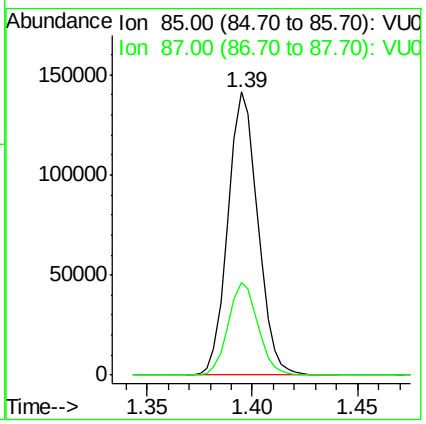


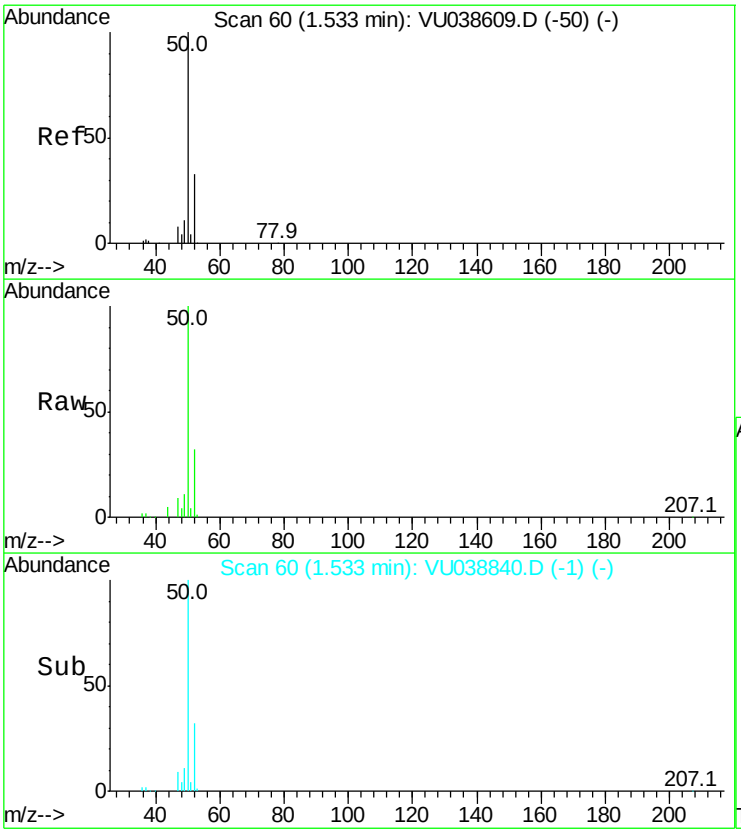
#2
Dichlorodifluoromethane
Concen: 6.011 ug/L
RT: 1.39 min Scan# 17
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 85 Resp: 139436

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.2	37.8

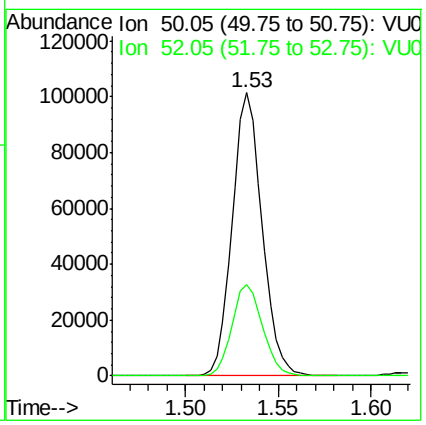


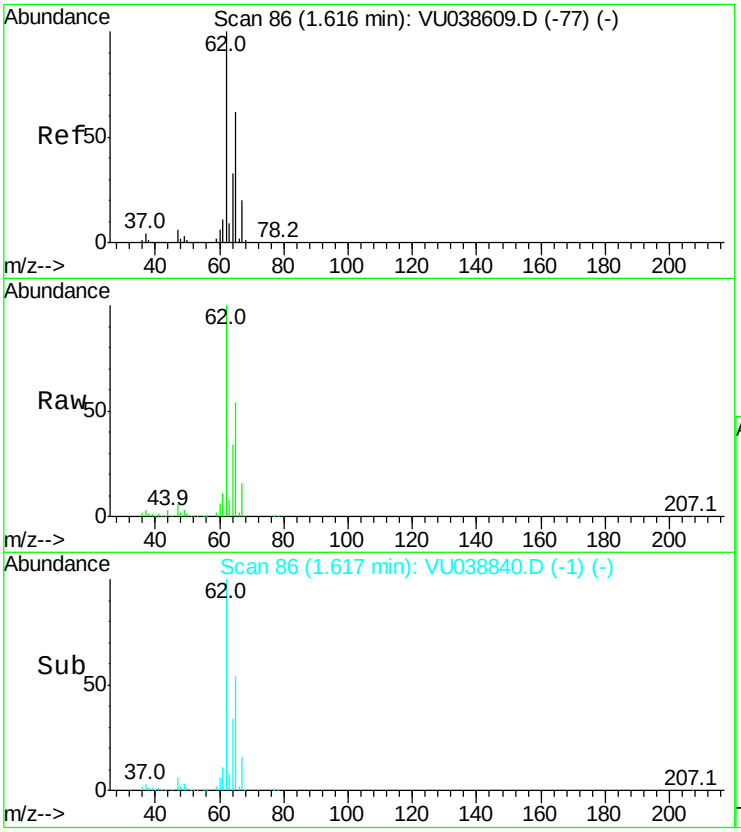


#3
Chloromethane
Concen: 5.315 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 50 Resp: 113215

Ion	Ratio	Lower	Upper
50	100		
52	32.5	22.9	42.5



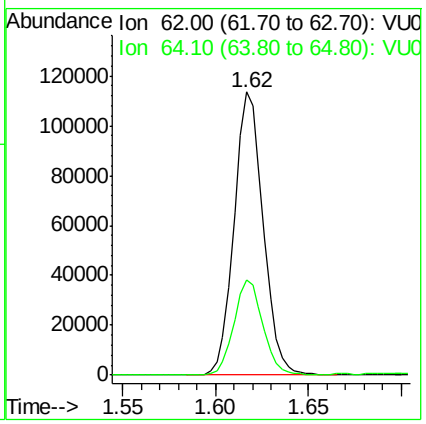


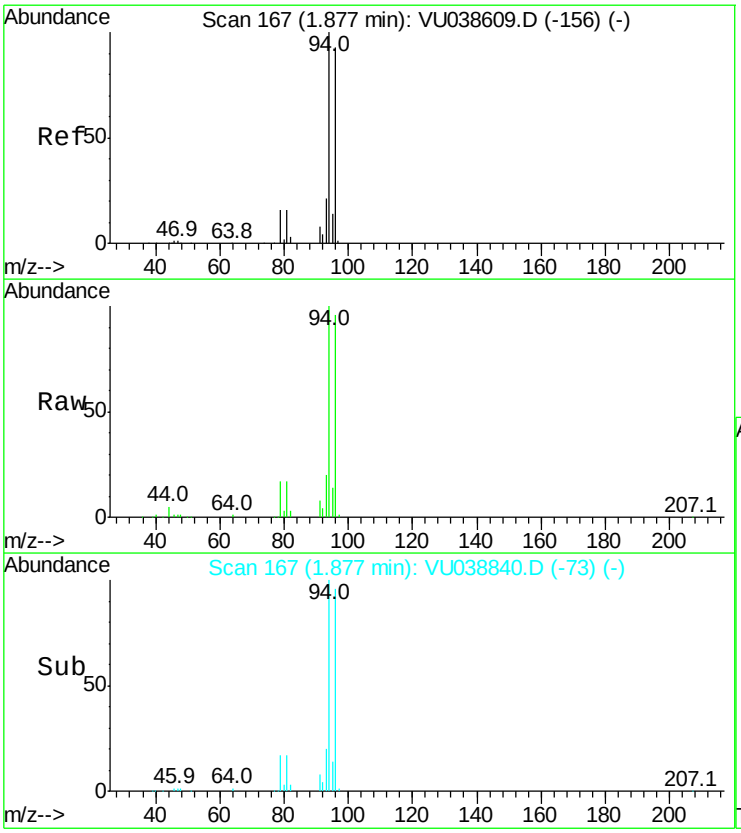
#5
Vinyl chloride
Concen: 5.398 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 62 Resp: 123204

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.7	43.9

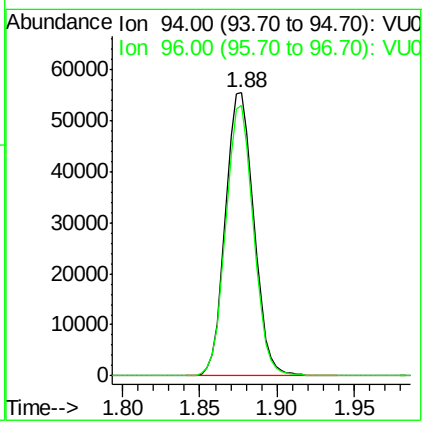


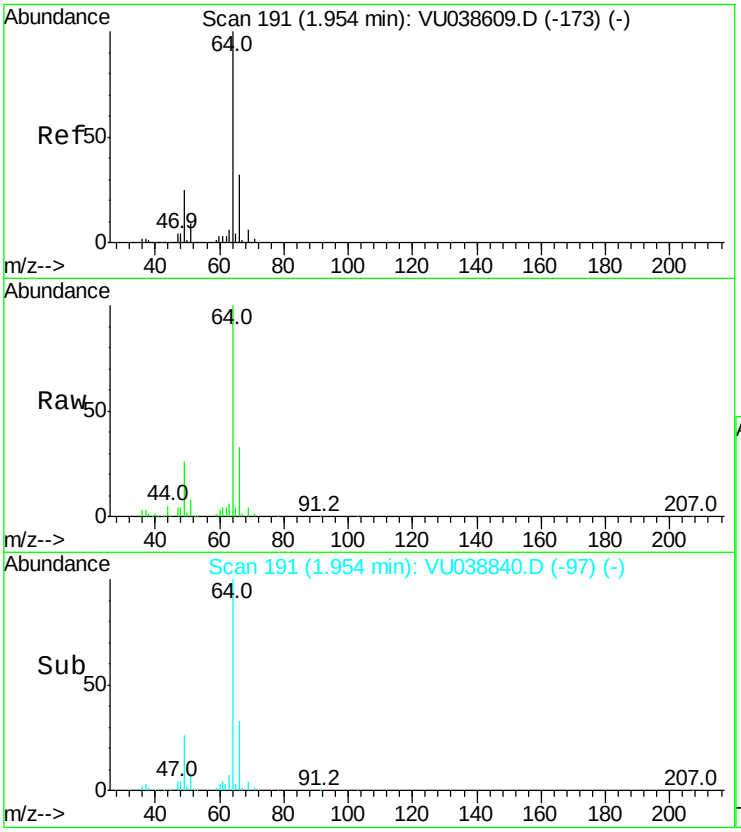


#6
Bromomethane
Concen: 6.341 ug/L
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 94 Resp: 70258

Ion	Ratio	Lower	Upper
94	100		
96	95.5	65.5	121.6



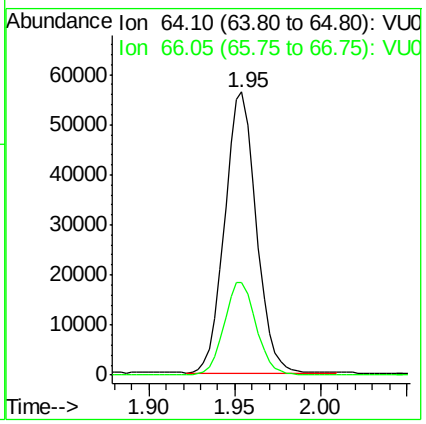


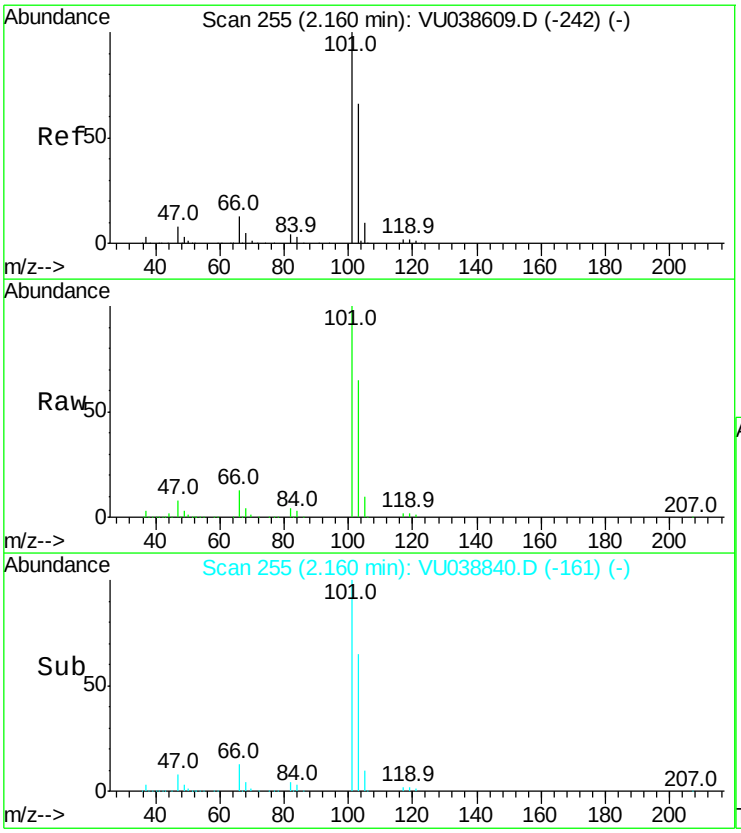
#8
Chloroethane
Concen: 5.264 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 64 Resp: 71991

Ion	Ratio	Lower	Upper
64	100		
66	32.7	21.5	39.9

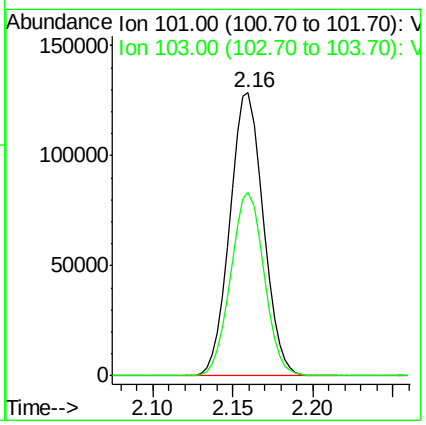


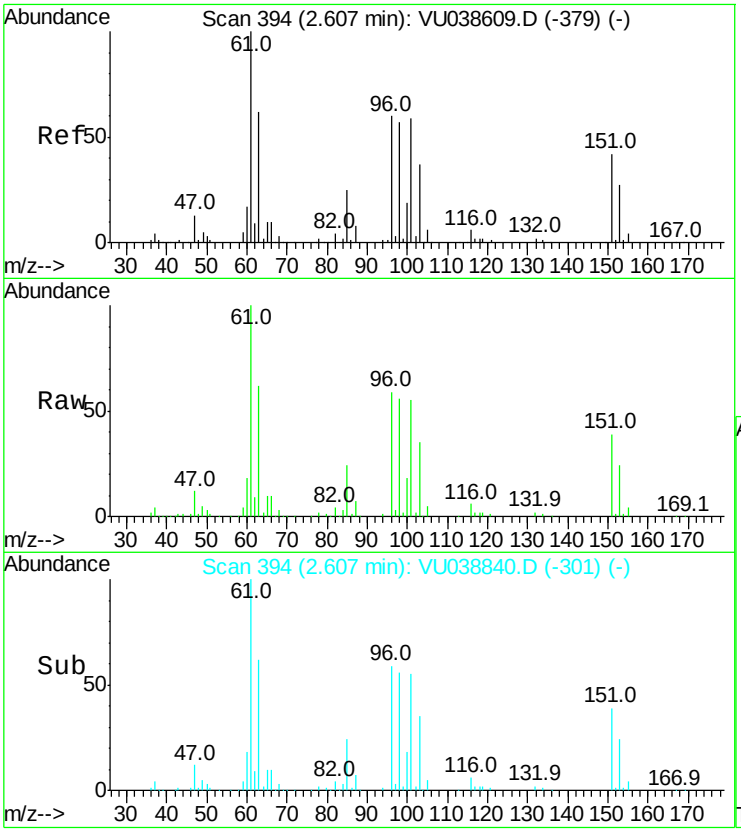


#9
Trichlorofluoromethane
Concen: 6.035 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion:101 Resp: 182730

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.1	76.7



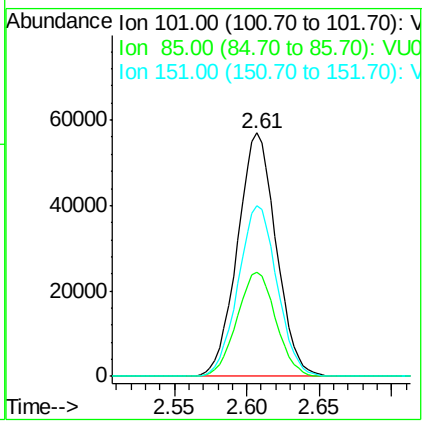


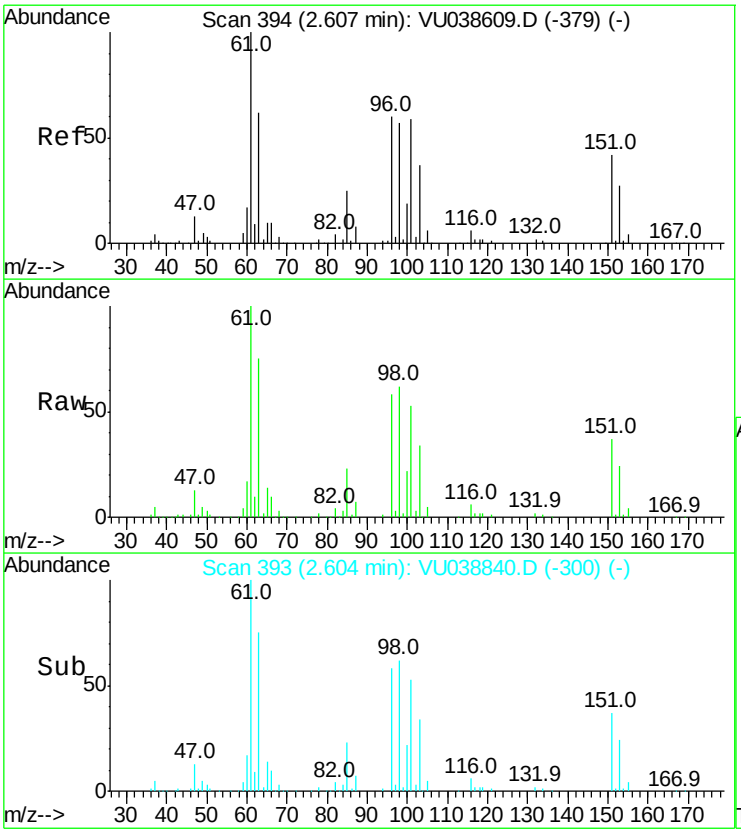
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.918 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion:101 Resp: 105532

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.0	51.0
151	70.6	56.9	85.3

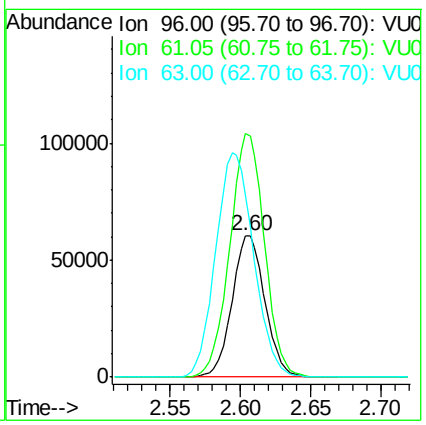


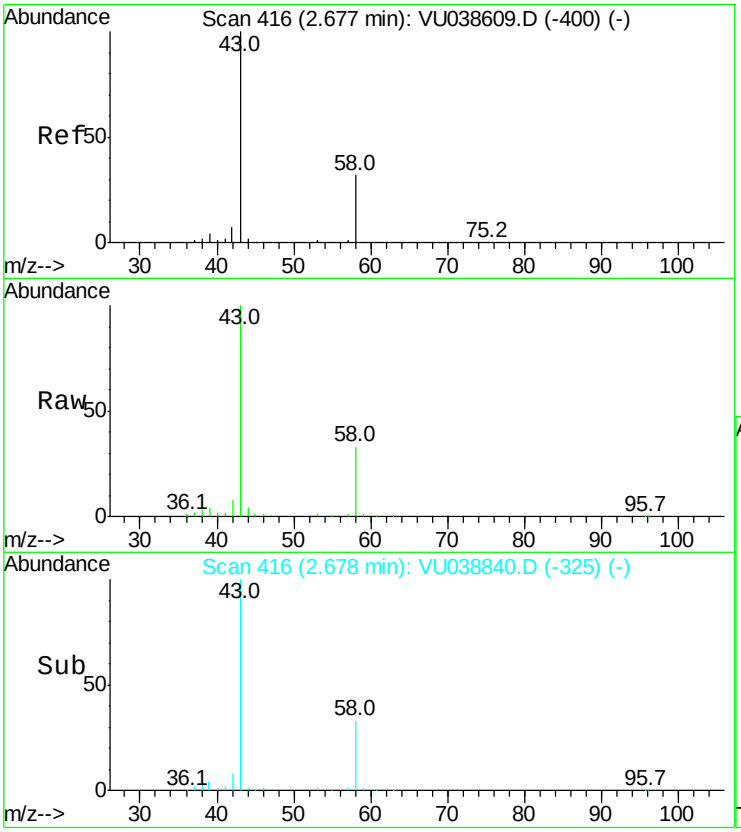


#12
1,1-Dichloroethene
Concen: 5.437 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 96 Resp: 98551

Ion	Ratio	Lower	Upper
96	100		
61	171.7	119.9	222.7
63	128.7	89.9	167.0



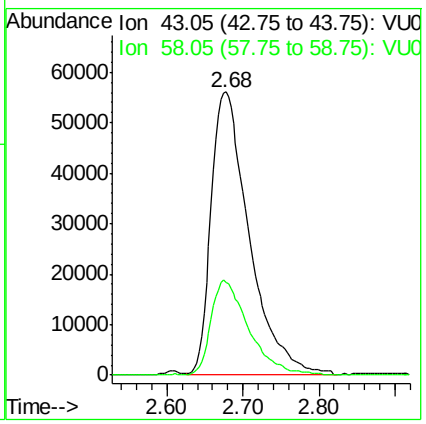


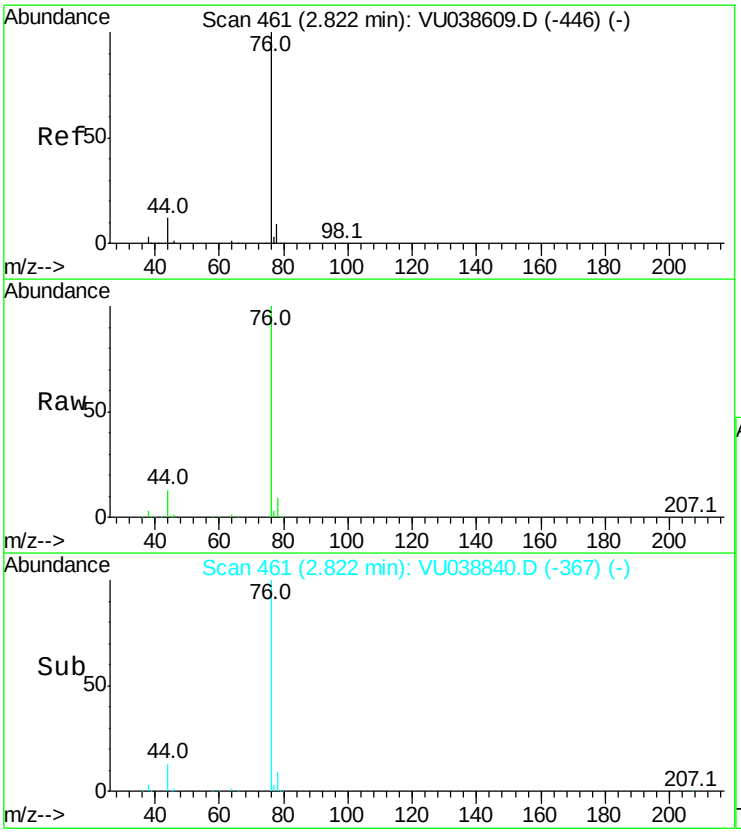
#13
Acetone
Concen: 51.902 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.01 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 43 Resp: 196547

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	65.6

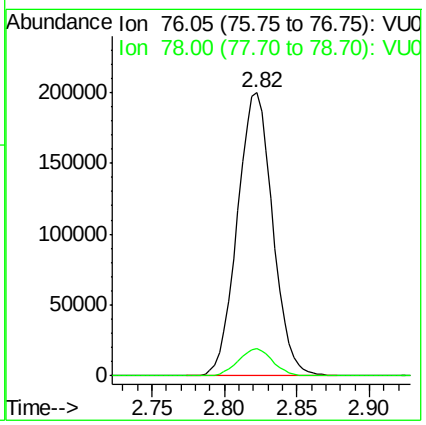


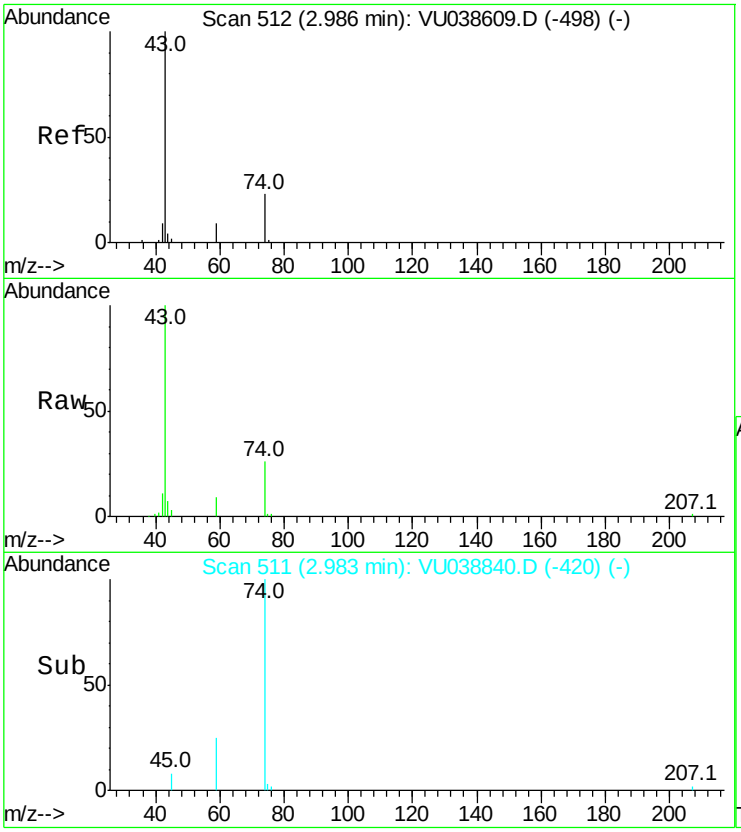


#14
Carbon disulfide
Concen: 5.506 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 76 Resp: 338615

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9



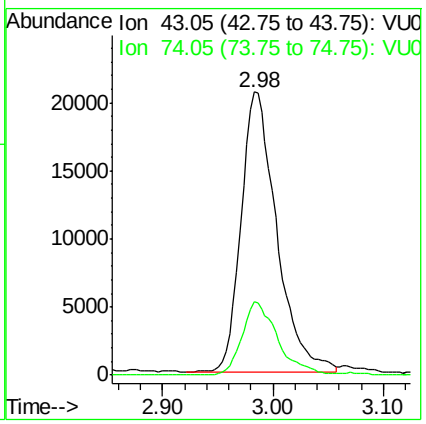


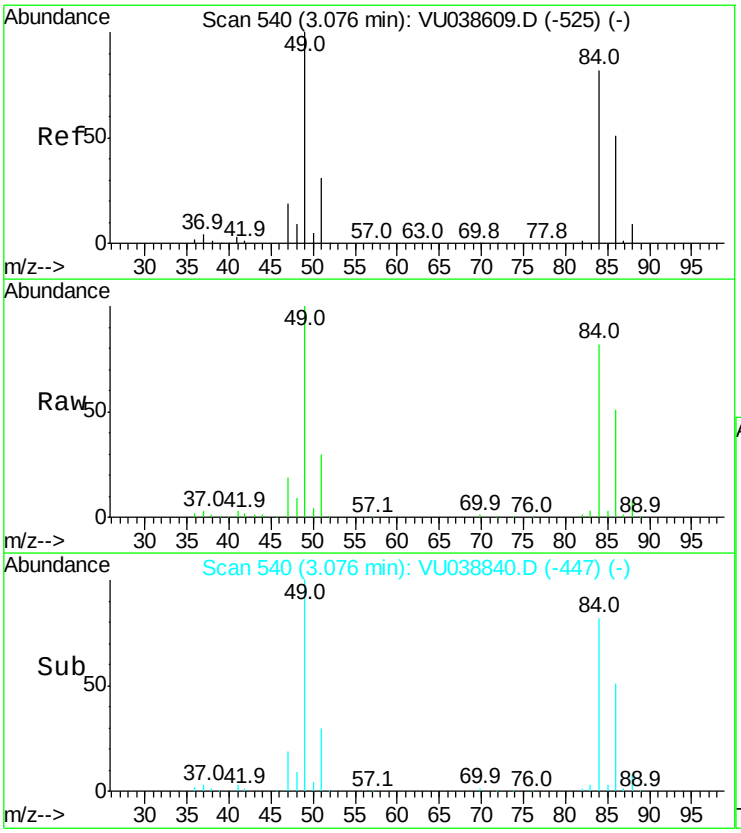
#15
Methyl Acetate
Concen: 5.015 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 43 Resp: 46524

Ion	Ratio	Lower	Upper
43	100		
74	26.2	19.2	28.8

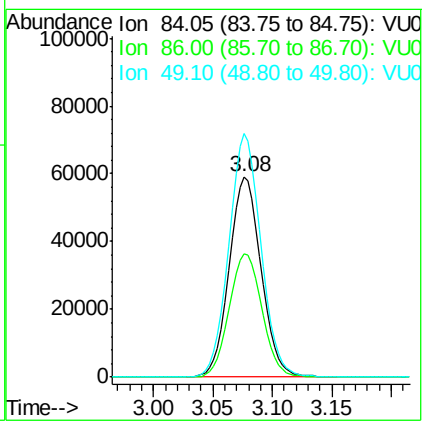


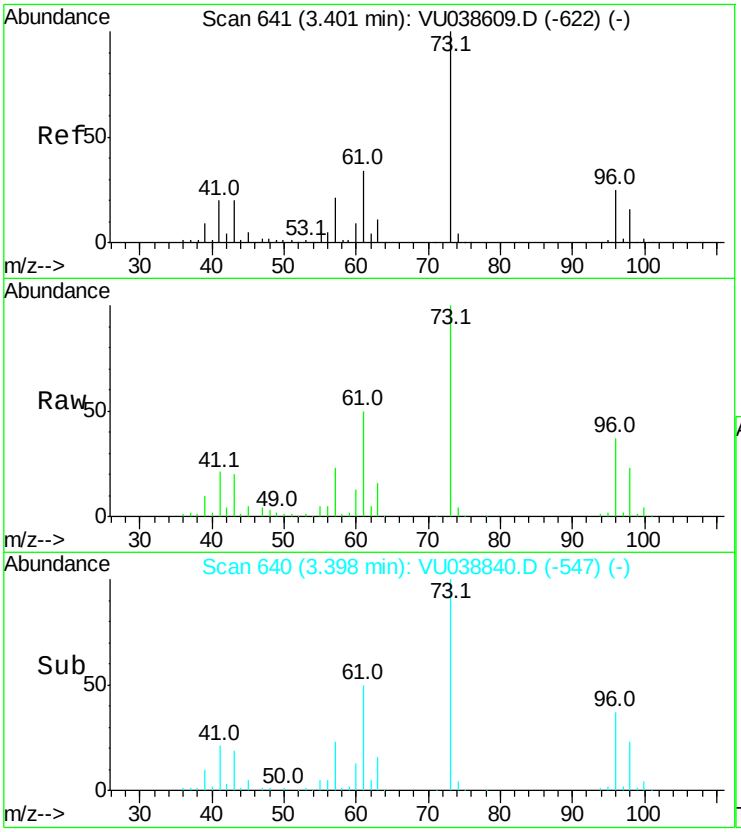


#16
Methylene chloride
Concen: 5.362 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 84 Resp: 109981

Ion	Ratio	Lower	Upper
84	100		
86	61.5	45.0	83.6
49	121.4	85.5	158.9



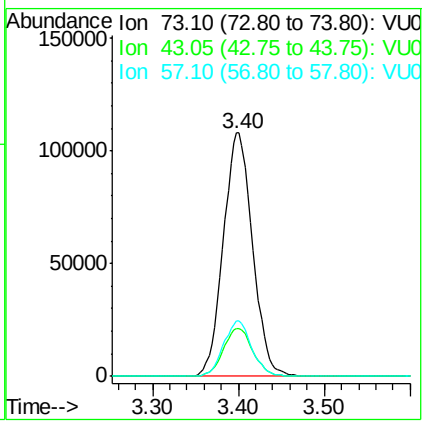


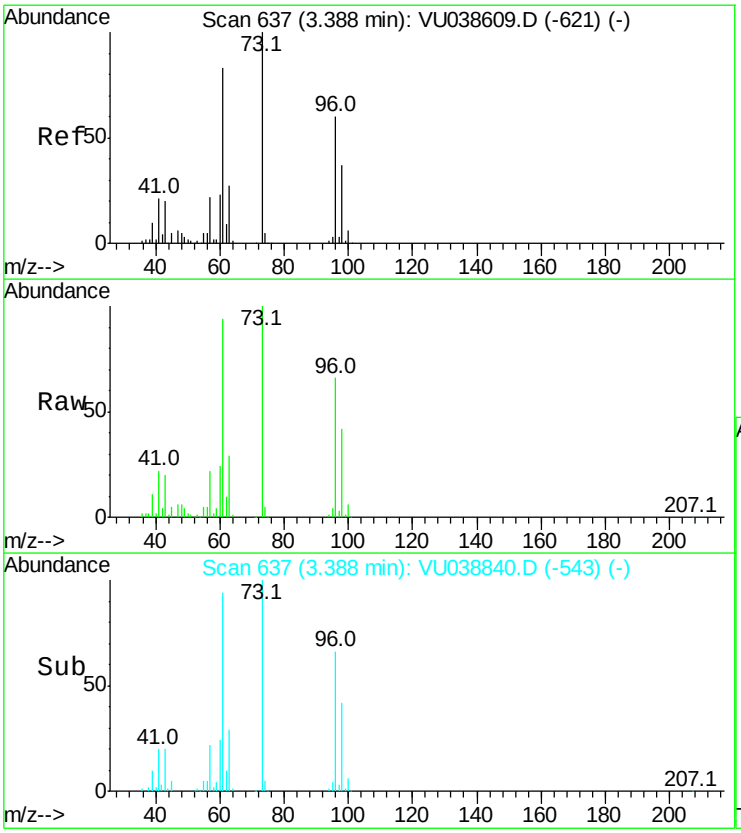
#17
Methyl tert-butyl Ether
Concen: 5.364 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 73 Resp: 254948

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.5	23.3
57	21.9	17.8	26.6

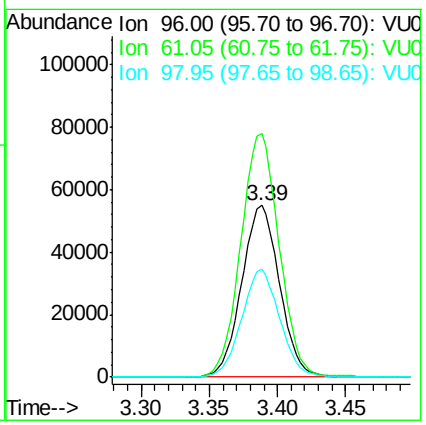


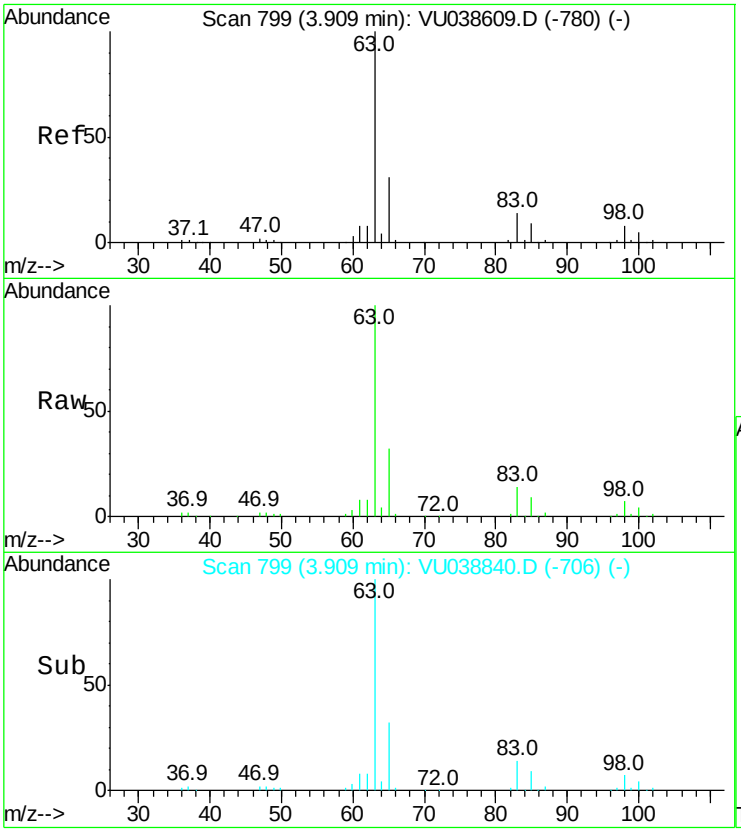


#18
trans-1,2-Dichloroethene
Concen: 5.418 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 96 Resp: 105840

Ion	Ratio	Lower	Upper
96	100		
61	141.9	100.2	186.0
98	62.7	42.8	79.4



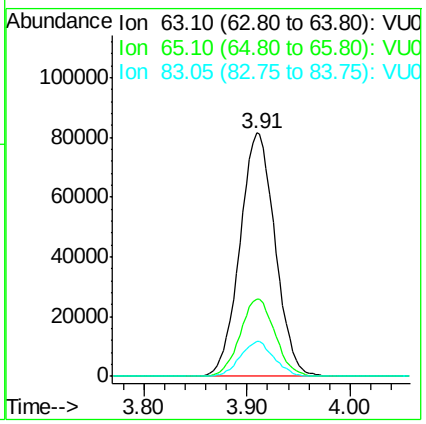


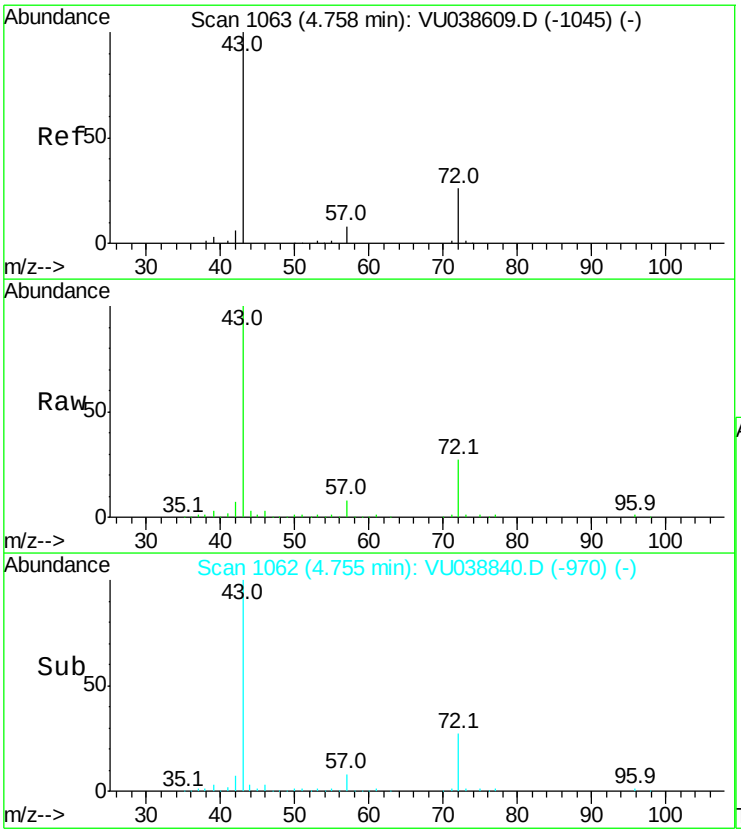
#19
1,1-Dichloroethane
Concen: 5.533 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 63 Resp: 193424

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.5
83	14.5	10.4	19.4

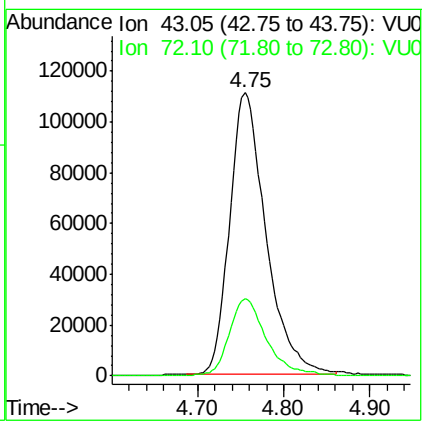


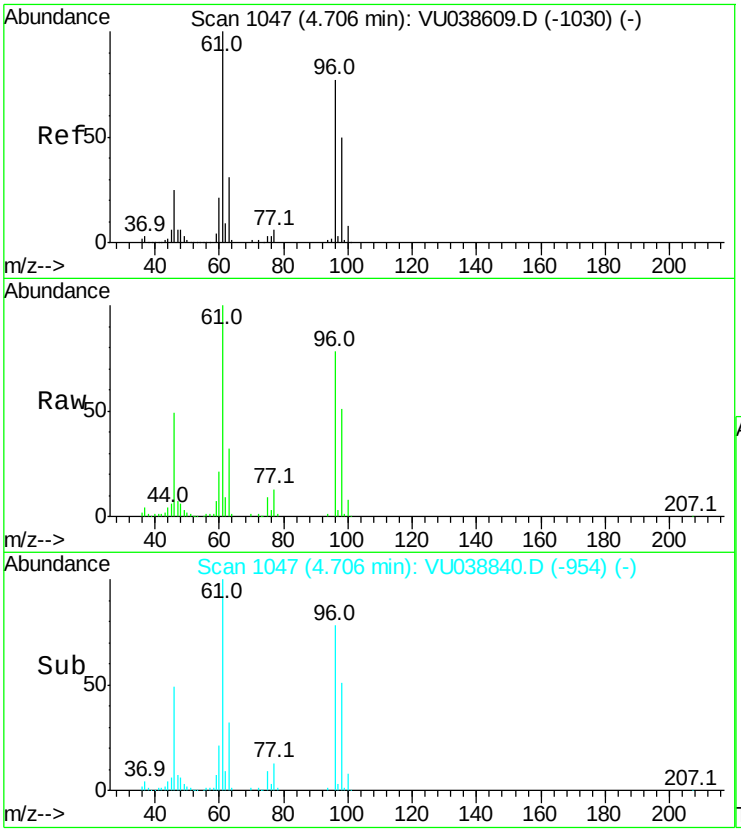


#21
2-Butanone
Concen: 51.111 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 43 Resp: 325556

Ion	Ratio	Lower	Upper
43	100		
72	28.5	12.6	37.8



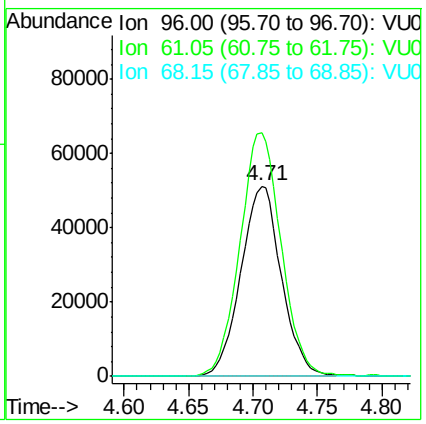


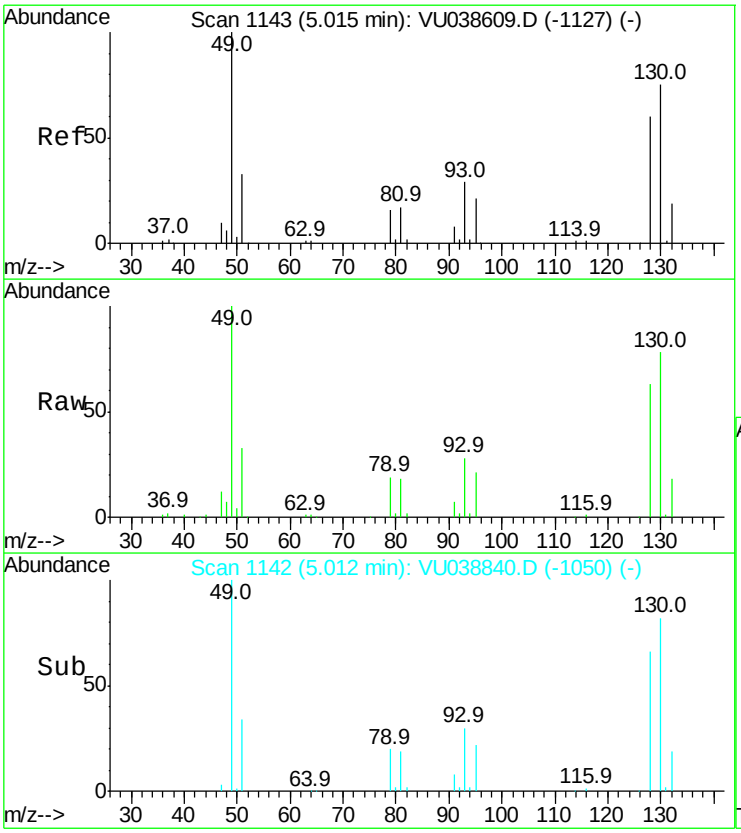
#22
cis-1,2-Dichloroethene
Concen: 5.319 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 96 Resp: 111882

Ion	Ratio	Lower	Upper
96	100		
61	128.2	94.0	174.6
68	0.0	0.0	0.0

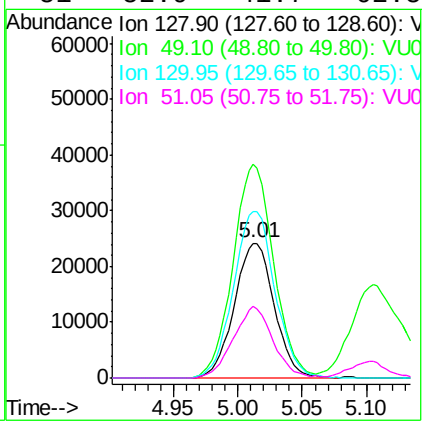


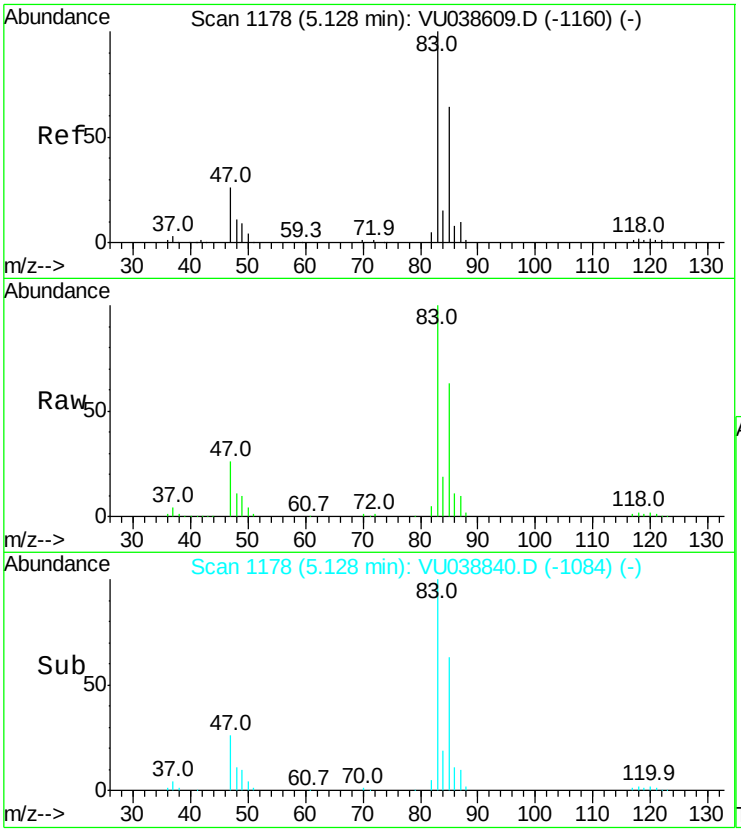


#23
Bromochloromethane
Concen: 5.514 ug/L
RT: 5.01 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion:128 Resp: 52193

Ion	Ratio	Lower	Upper
128	100		
49	158.3	111.9	207.7
130	123.7	86.5	160.7
51	52.9	41.7	62.5



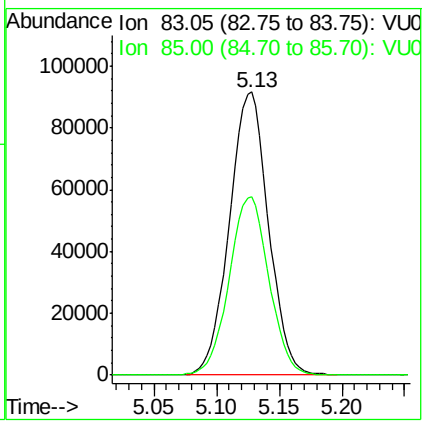


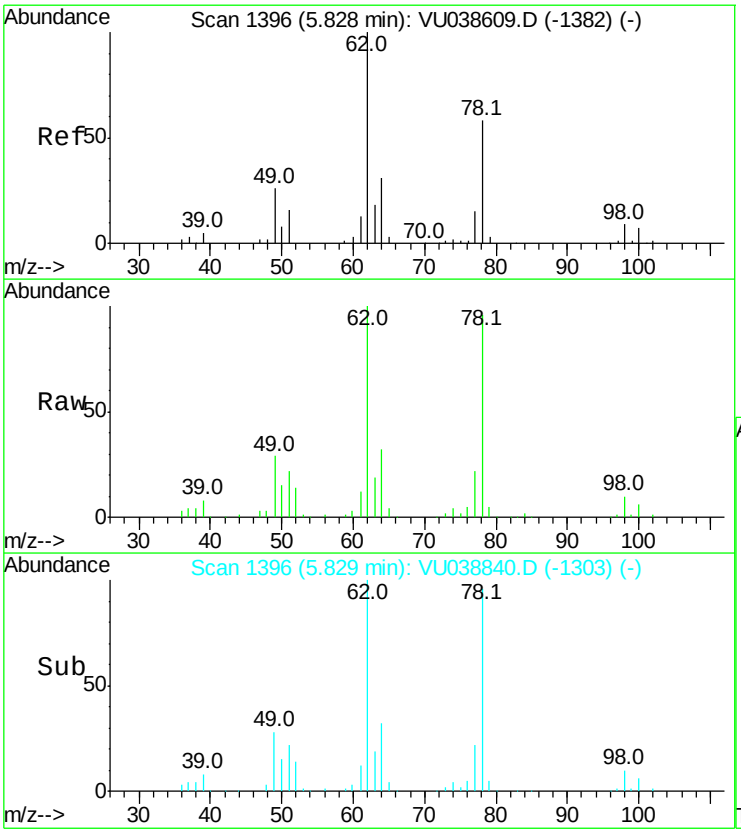
#25
Chloroform
Concen: 5.578 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 83 Resp: 198082

Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.9	83.5

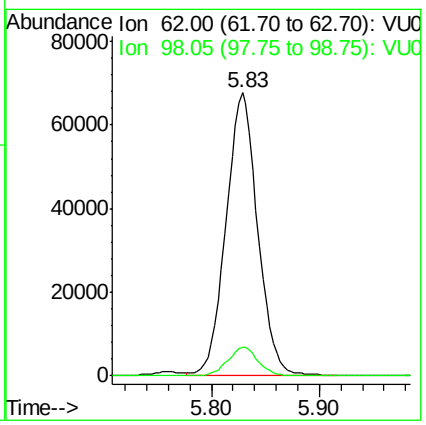


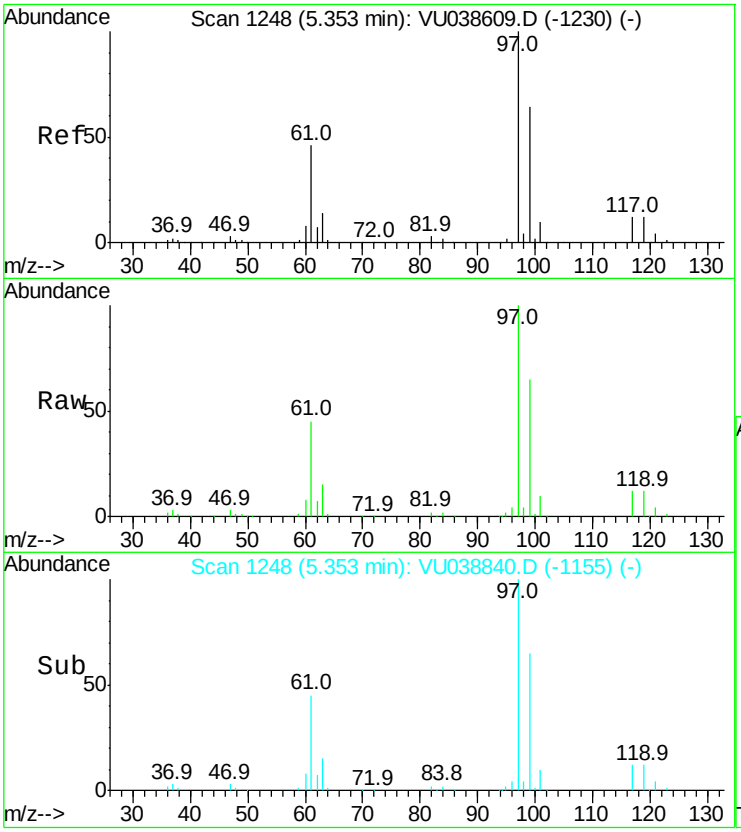


#27
1,2-Dichloroethane
Concen: 5.514 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 62 Resp: 137855

Ion	Ratio	Lower	Upper
62	100		
98	10.3	7.4	11.2



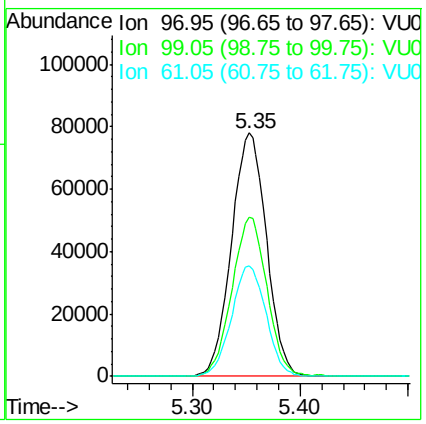


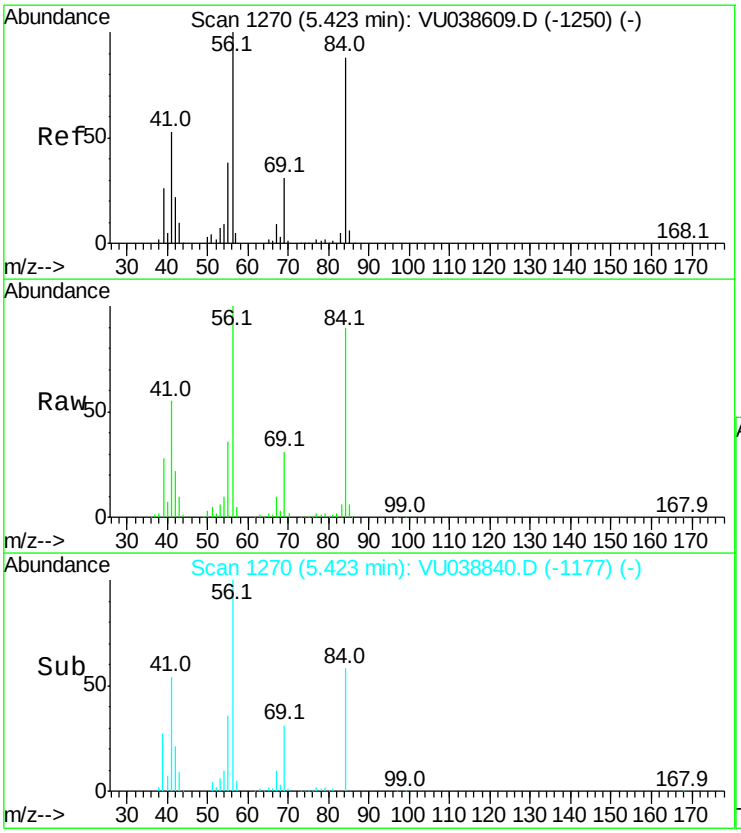
#29
1,1,1-Trichloroethane
Concen: 5.697 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 97 Resp: 176290

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	44.9	35.4	53.2

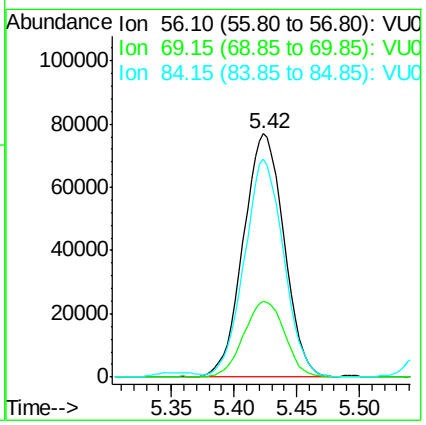


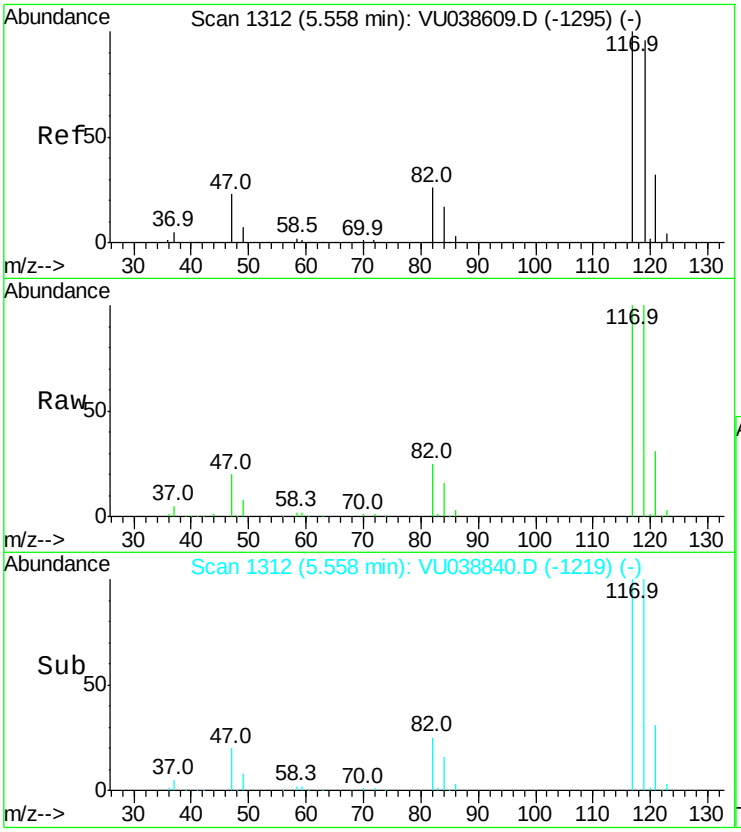


#30
Cyclohexane
Concen: 5.362 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 56 Resp: 173995

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	86.9	70.8	106.2



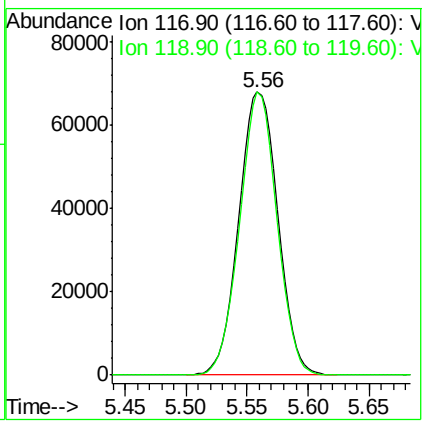


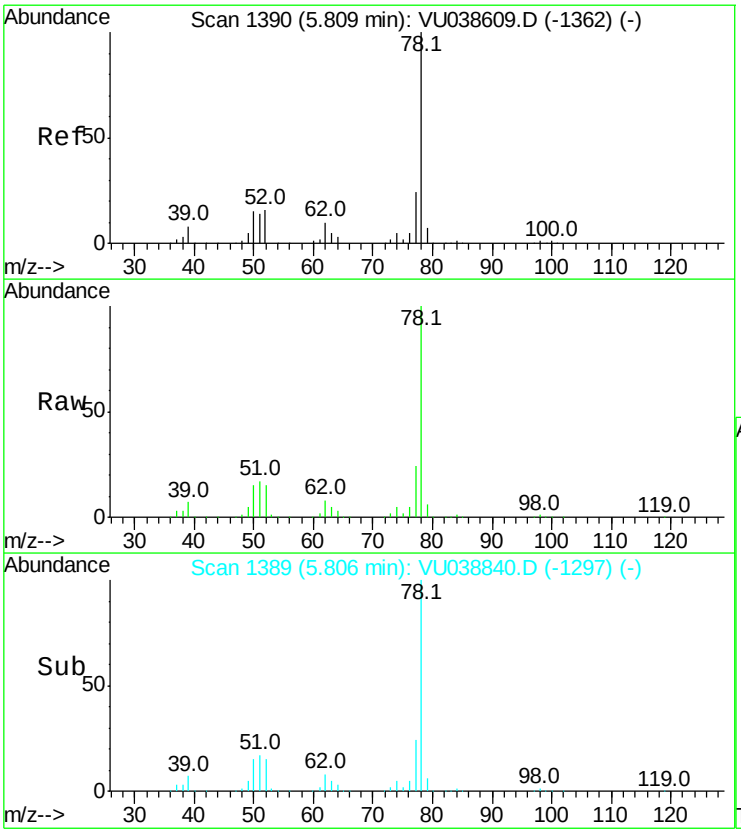
#31
Carbon tetrachloride
Concen: 5.845 ug/L
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion:117 Resp: 150586

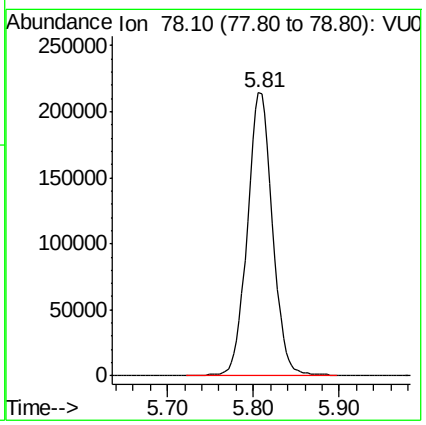
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	115.0

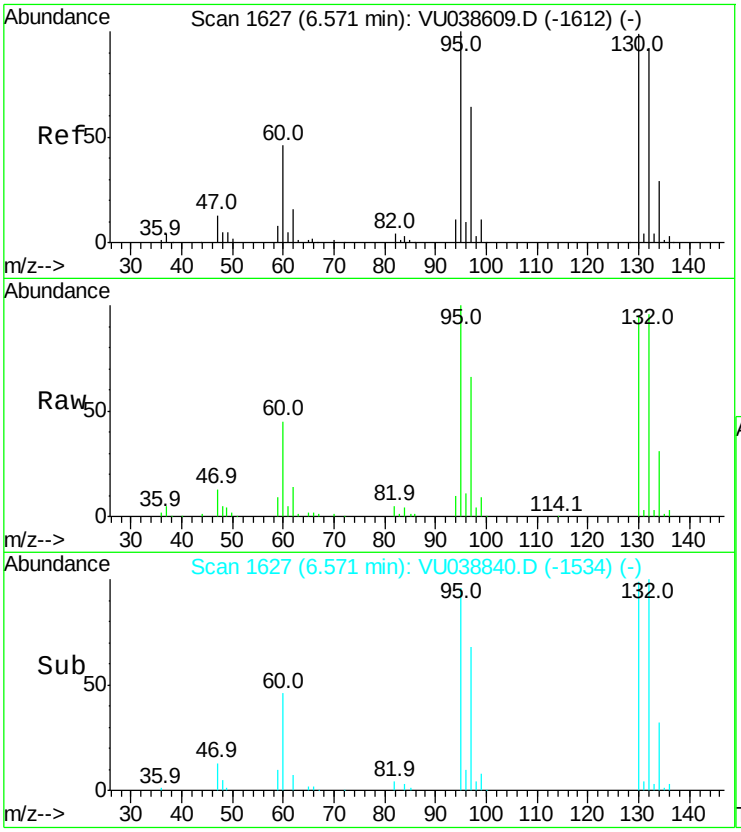




#33
Benzene
Concen: 5.368 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 78 Resp: 437766



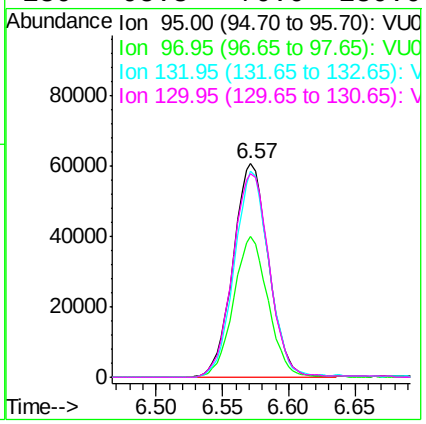


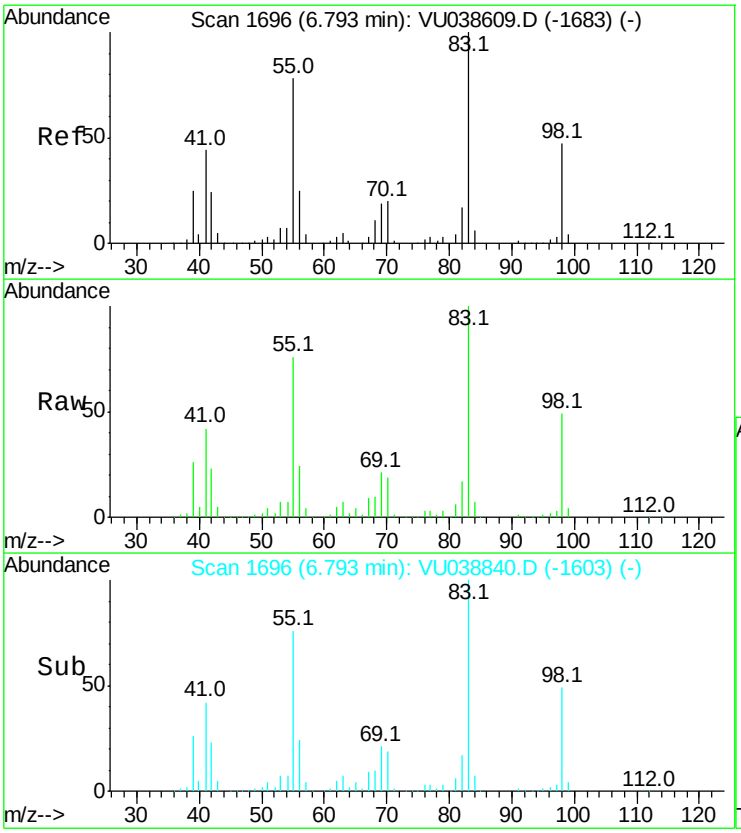
#34
Trichloroethene
Concen: 5.356 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument : MSVOA_U
ClientSampleId : VSTD00504

Tgt Ion: 95 Resp: 113357

Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.8	87.0
132	96.4	66.1	122.7
130	95.3	70.0	130.0

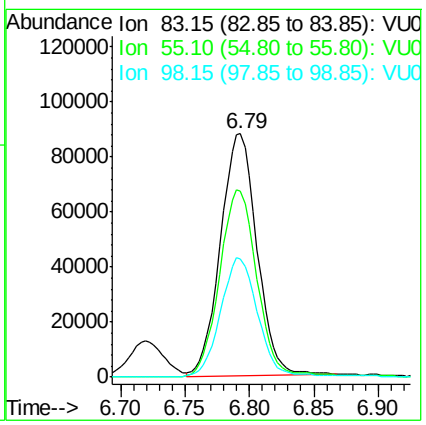


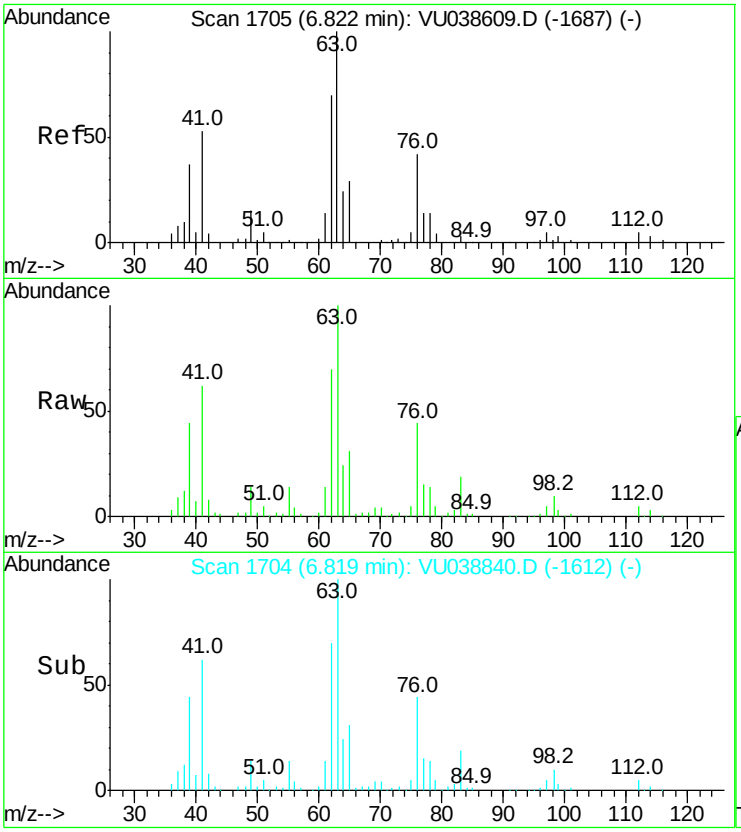


#35
Methylcyclohexane
Concen: 5.276 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 83 Resp: 172891

Ion	Ratio	Lower	Upper
83	100		
55	80.2	63.4	95.2
98	50.6	39.0	58.4



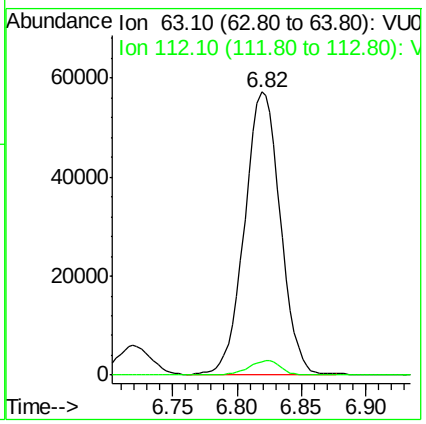


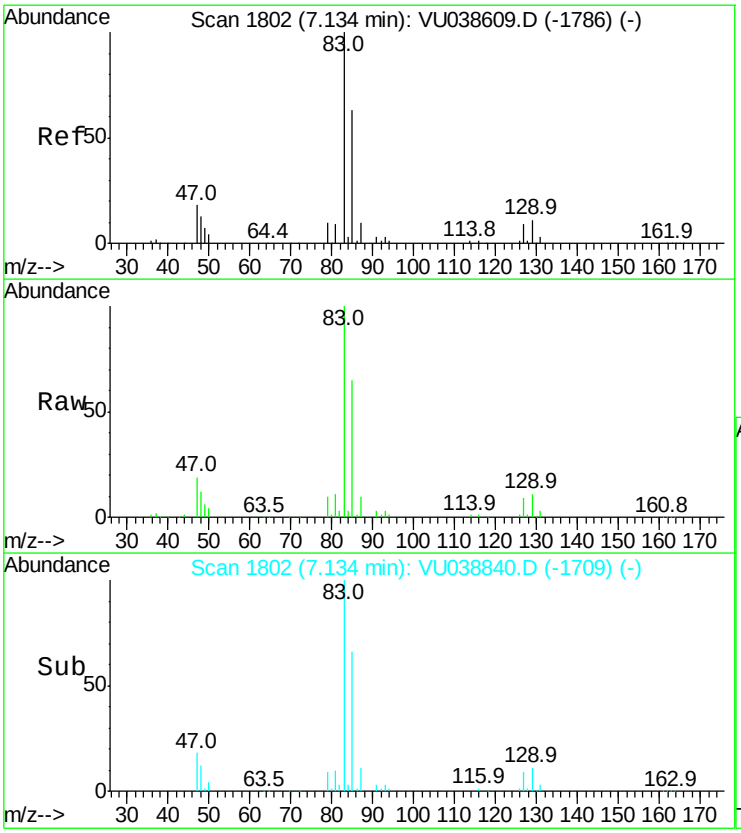
#37
1,2-Dichloropropane
Concen: 5.367 ug/L
RT: 6.82 min Scan# 1704
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD00504

Tgt Ion: 63 Resp: 110124

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.7	5.5





#38
Bromodichloromethane
Concen: 5.478 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VU038840.D
Acq: 12 Jun 2020 09:56

Tgt Ion: 83 Resp: 139592

Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.7	83.1
127	8.9	6.8	10.2