Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU031988.D
Acq On : 14 May 2019 12:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Quant Time: May 15 02:10:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 02:07:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1096663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1109070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	499401	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	451147	46.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.76%			
7) Chloroethane-d5	1.67	69	373677	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.92%			
11) 1,1-Dichloroethene-d2	2.27	63	815309	47.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.54%			
21) 2-Butanone-d5	4.17	46	701626	104.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.12%			
24) Chloroform-d	4.64	84	772828	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.96%			
26) 1,2-Dichloroethane-d4	5.31	65	480751	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
32) Benzene-d6	5.33	84	1602220	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.32	67	514658	48.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.16%			
41) Toluene-d8	7.56	98	1474973	51.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.54%			
43) trans-1,3-Dichloropropene-	7.85	79	238051	50.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.86%			
47) 2-Hexanone-d5	8.31	63	469657	109.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	765253	48.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.62%			
64) 1,2-Dichlorobenzene-d4	11.85	152	521052	49.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	457719	45.334	ug/L	99
3) Chloromethane	1.32	50	516849	45.837	ug/L	99
5) Vinyl chloride	1.40	62	546125	46.235	ug/L	98
6) Bromomethane	1.61	94	303058	48.814	ug/L	94
8) Chloroethane	1.69	64	326600	46.730	ug/L	98
9) Trichlorofluoromethane	1.88	101	614155	45.940	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	376000	46.072	ug/L	99
12) 1,1-Dichloroethene	2.28	96	374198	46.201	ug/L	99
13) Acetone	2.32	43	632385	91.283	ug/L	100
14) Carbon disulfide	2.47	76	1230367	47.029	ug/L	100
15) Methyl Acetate	2.61	43	499328	47.468	ug/L #	100
16) Methylene chloride	2.70	84	454646	46.030	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	399906	47.463	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	1273013	49.170	ug/L	100
19) 1,1-Dichloroethane	3.44	63	785576	47.481	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	456429	48.975	ug/L	97
22) 2-Butanone	4.25	43	819059	102.502	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU031988.D
Acq On : 14 May 2019 12:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Quant Time: May 15 02:10:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 02:07:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	217573	47.634	ug/L	98
25) Chloroform	4.67	83	764382	46.748	ug/L	97
27) 1,2-Dichloroethane	5.40	62	600865	47.477	ug/L	100
29) Cyclohexane	4.99	56	704904	51.851	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	609127	47.366	ug/L	99
31) Carbon tetrachloride	5.13	117	508842	47.428	ug/L	99
33) Benzene	5.38	78	1736312	47.794	ug/L	100
34) Trichloroethene	6.18	95	438589	48.749	ug/L	97
35) Methylcyclohexane	6.41	83	684750	49.635	ug/L	99
37) 1,2-Dichloropropane	6.43	63	475757	48.758	ug/L	100
38) Bromodichloromethane	6.75	83	575683	48.282	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	679868	49.075	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	1378490	104.124	ug/L	100
42) Toluene	7.63	91	1876260	50.329	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	611979	50.301	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	429273	47.980	ug/L	99
46) Tetrachloroethene	8.22	164	306974	48.327	ug/L	97
48) 2-Hexanone	8.36	43	1146690	106.717	ug/L	99
49) Dibromochloromethane	8.47	129	430760	47.998	ug/L	100
50) 1,2-Dibromoethane	8.58	107	455937	48.155	ug/L	99
51) Chlorobenzene	9.12	112	1117054	47.193	ug/L	99
52) Ethylbenzene	9.24	91	2021786	50.679	ug/L	99
53) m,p-Xylene	9.37	106	759629	52.177	ug/L	99
54) o-xylene	9.77	106	748169	52.047	ug/L	100
55) Styrene	9.79	104	1295773	52.512	ug/L	99
56) Isopropylbenzene	10.16	105	1914704	51.985	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	771229	47.756	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	603497	47.417	ug/L	100
61) Bromoform	9.95	173	310229	46.544	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	806751	49.374	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	827978	47.907	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	850545	49.122	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	164869	49.288	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	596505	50.906	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	501115	55.523	ug/L	99
69) Naphthalene	13.74	128	1842540	61.315	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	544279	55.398	ug/L	100

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

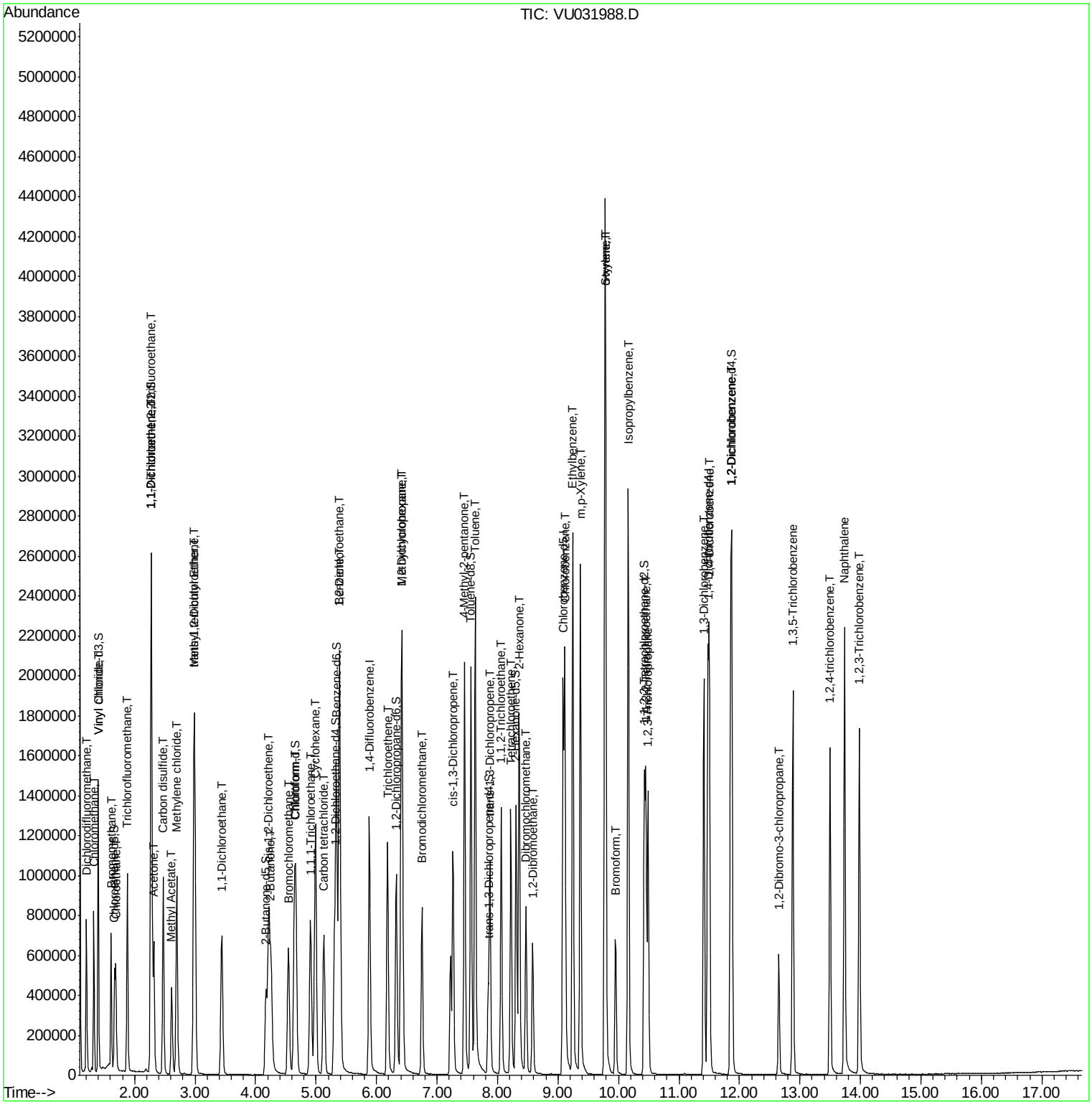
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

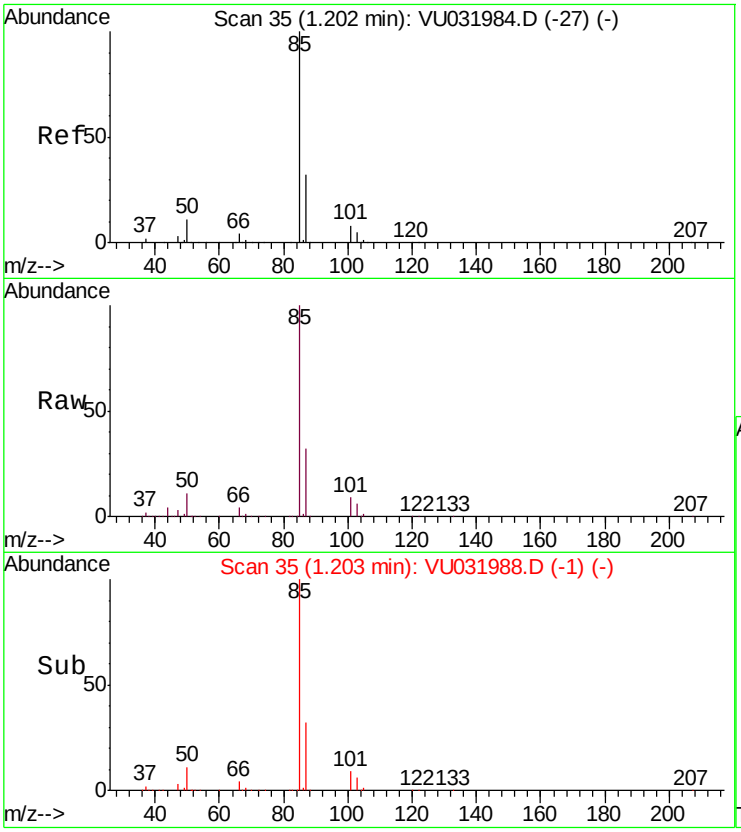
Quantitation Report (Not Reviewed)

Data File : VU031988.D
Acq On : 14 May 2019 12:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Quant Time: May 15 02:10:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 02:07:03 2019
Response via : Initial Calibration



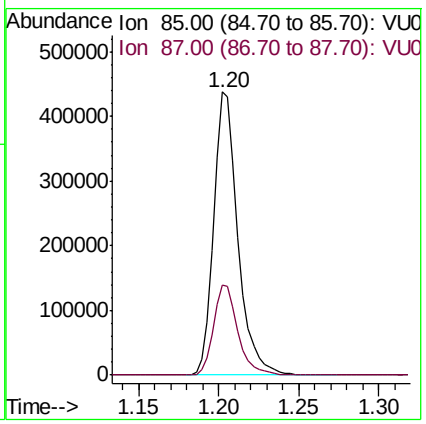


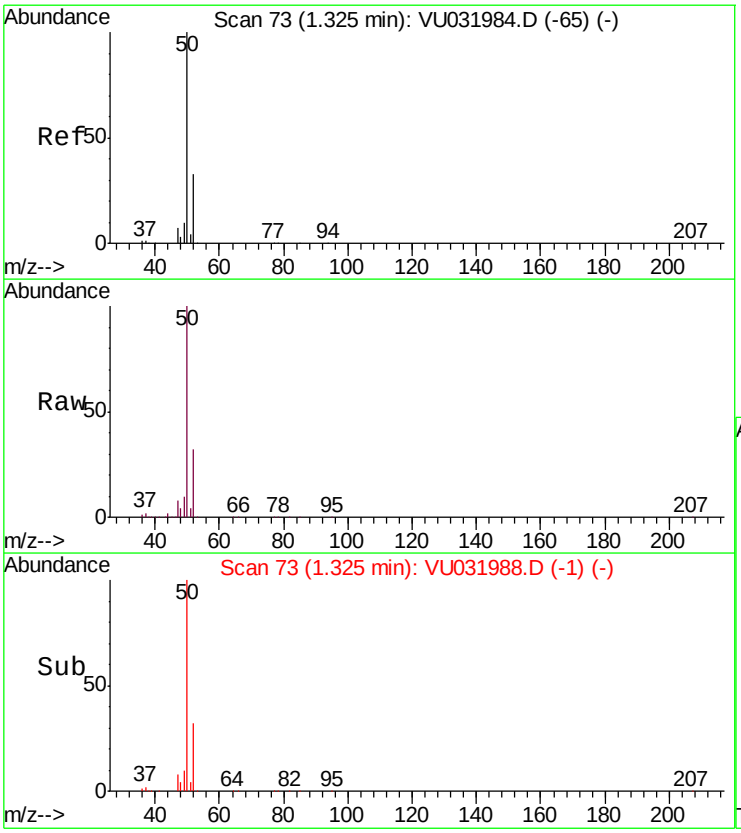
#2
Dichlorodifluoromethane
Concen: 45.334 ug/L
RT: 1.20 min Scan# 35
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Tgt Ion: 85 Resp: 457719

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.4	38.0

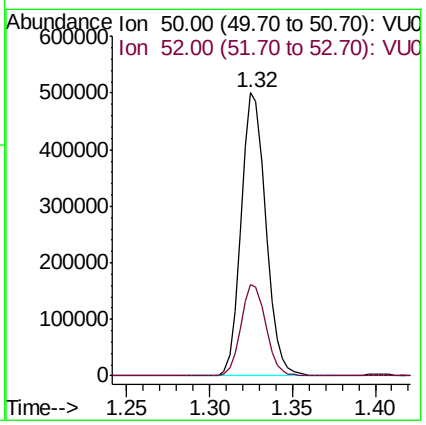


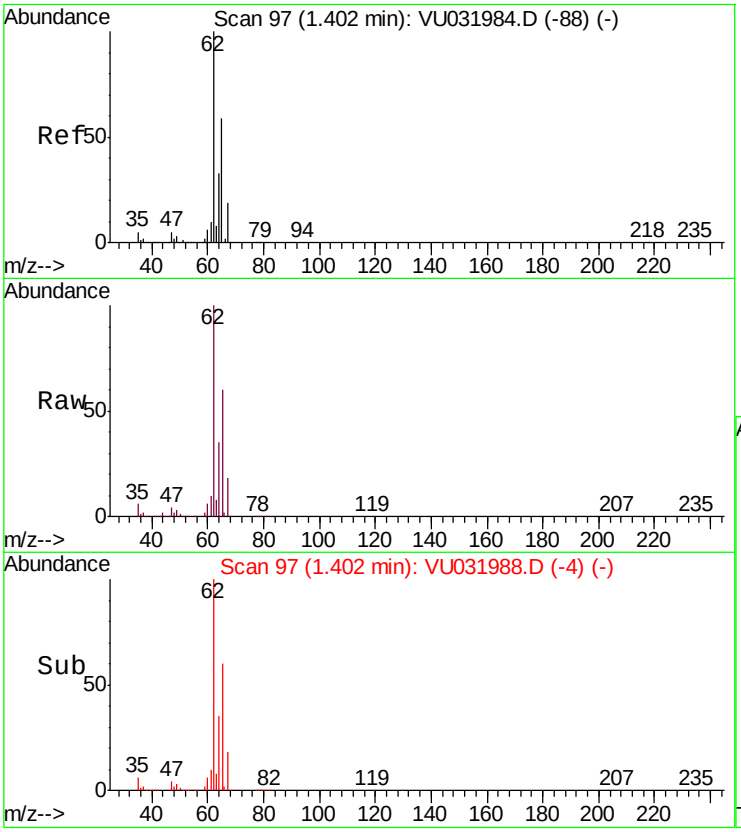


#3
Chloromethane
Concen: 45.837 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 50 Resp: 516849

Ion	Ratio	Lower	Upper
50	100		
52	32.4	23.0	42.6



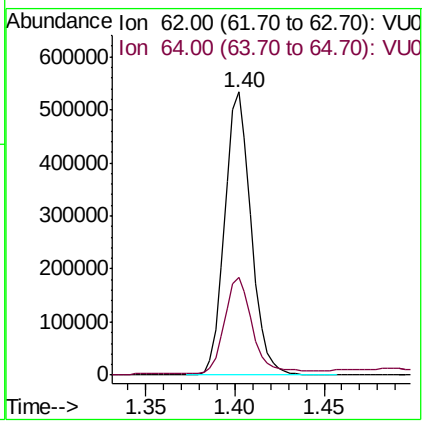


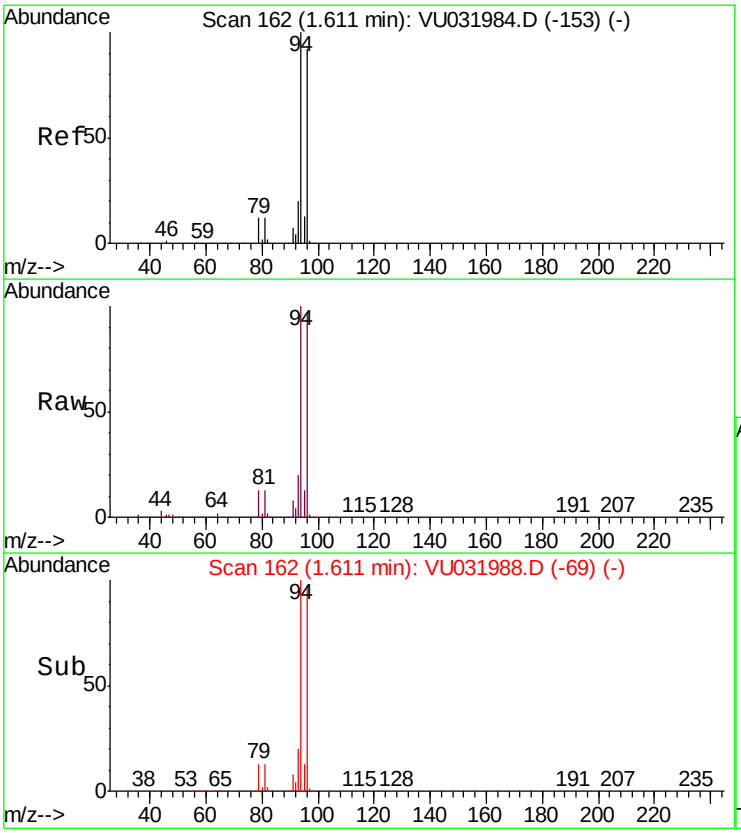
#5
Vinyl chloride
Concen: 46.235 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 62 Resp: 546125

Ion	Ratio	Lower	Upper
62	100		
64	34.6	23.6	43.8

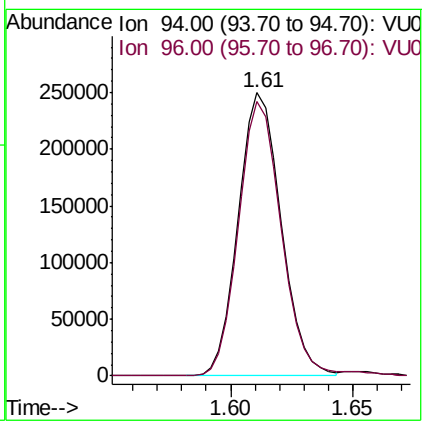


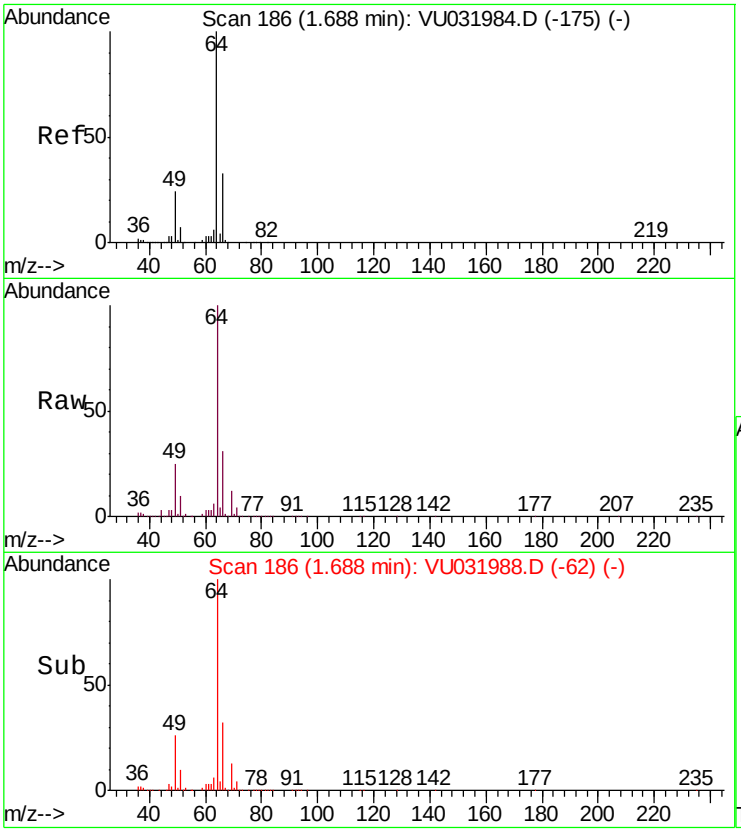


#6
Bromomethane
Concen: 48.814 ug/L
RT: 1.61 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 94 Resp: 303058

Ion	Ratio	Lower	Upper
94	100		
96	97.0	64.0	118.8



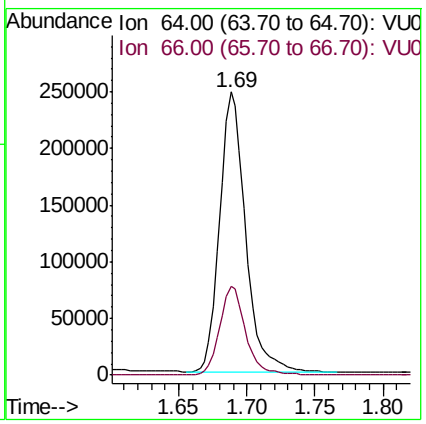


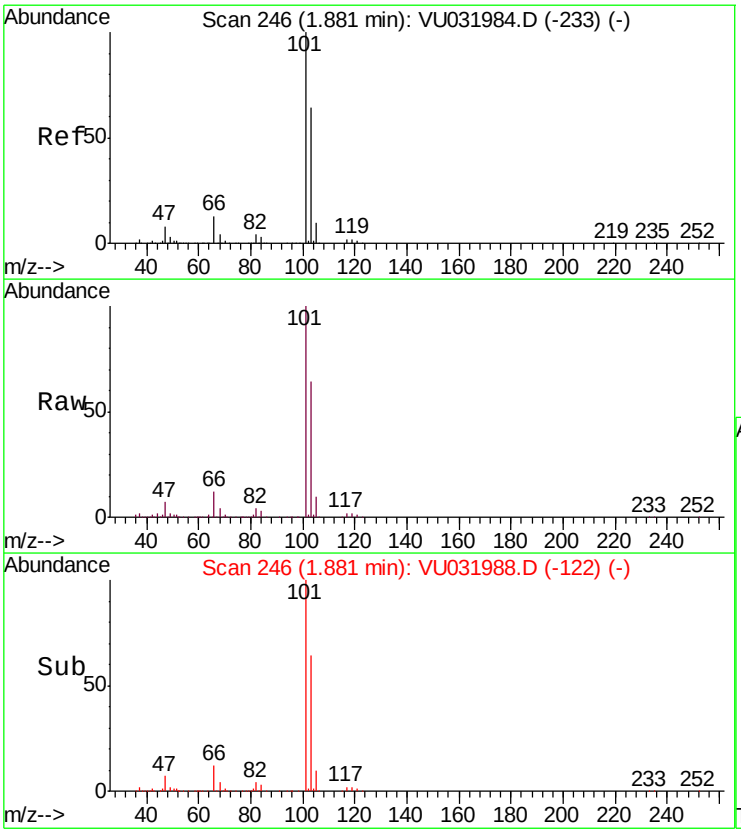
#8
Chloroethane
Concen: 46.730 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 64 Resp: 326600

Ion	Ratio	Lower	Upper
64	100		
66	31.3	22.7	42.1

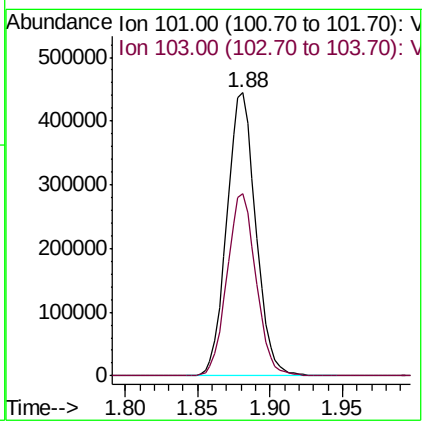


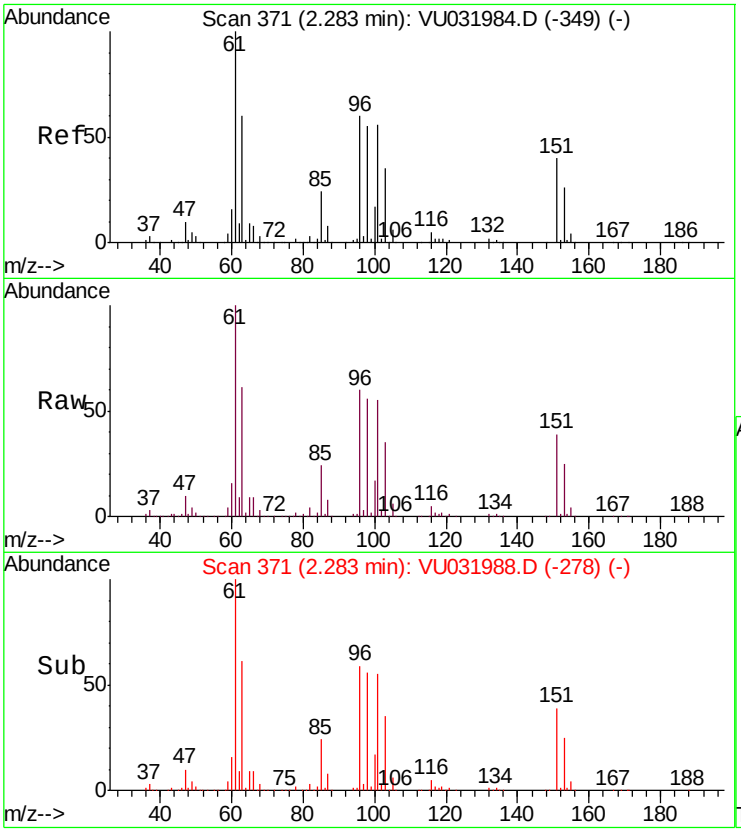


#9
Trichlorofluoromethane
Concen: 45.940 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:101 Resp: 614155

Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.2



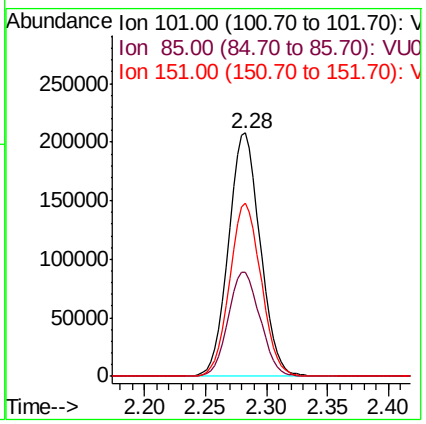


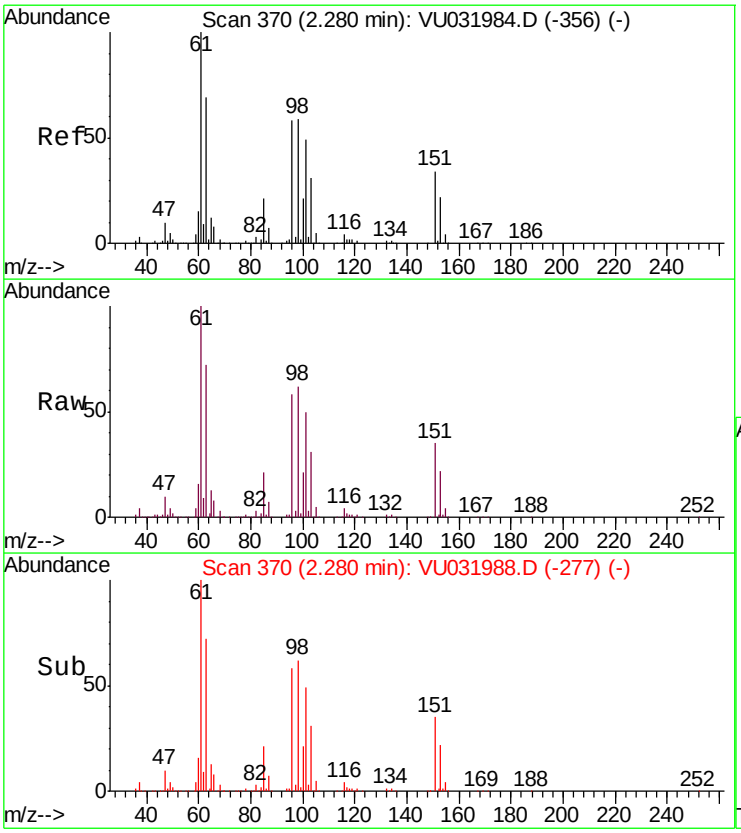
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.072 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:101 Resp: 376000

Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.1	51.1
151	70.6	55.8	83.8

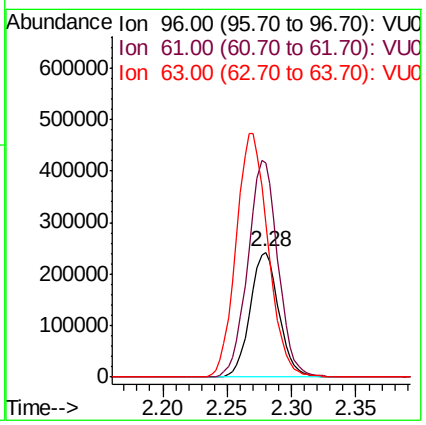


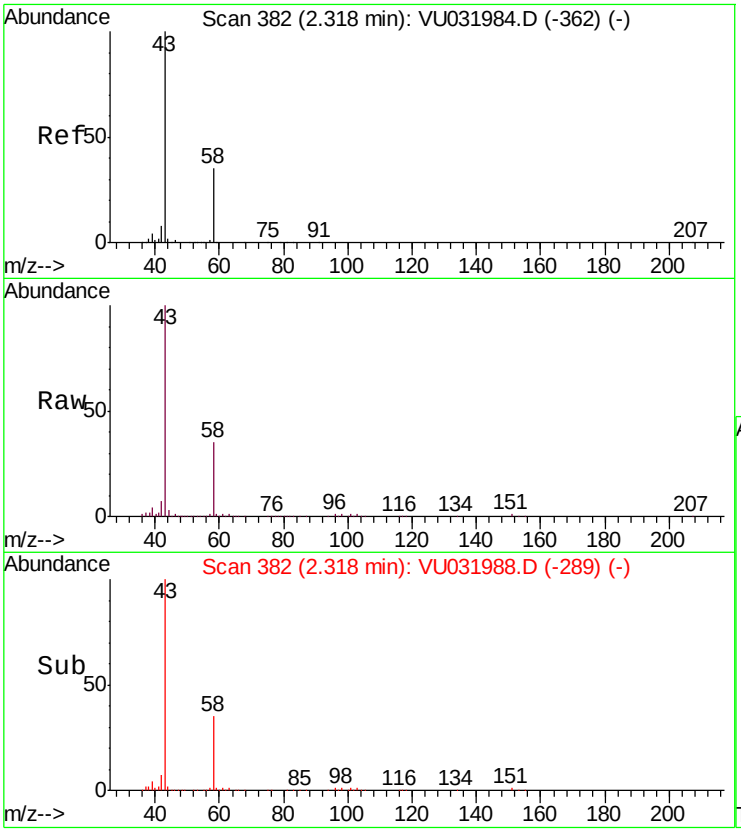


#12
1,1-Dichloroethene
Concen: 46.201 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 96 Resp: 374198

Ion	Ratio	Lower	Upper
96	100		
61	172.1	120.9	224.5
63	123.8	84.4	156.8



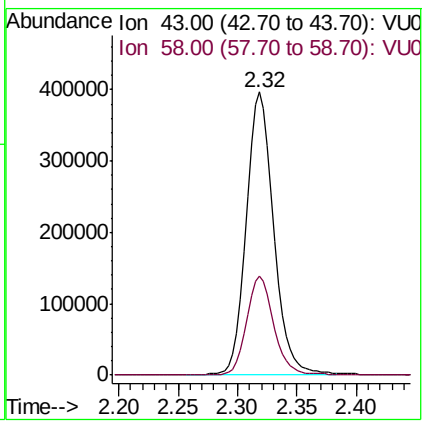


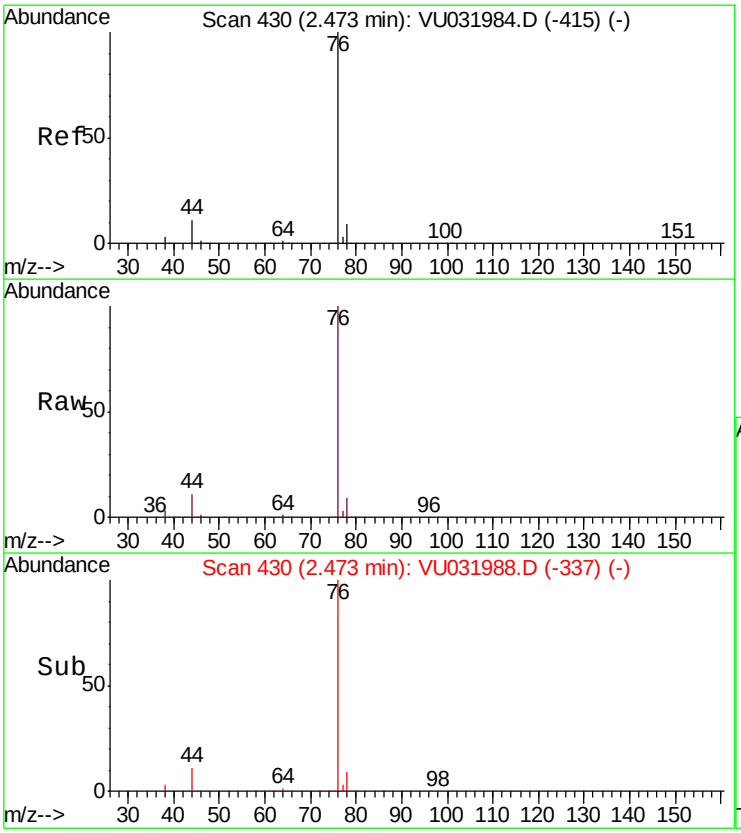
#13
Acetone
Concen: 91.283 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 43 Resp: 632385

Ion	Ratio	Lower	Upper
43	100		
58	34.0	0.0	68.2

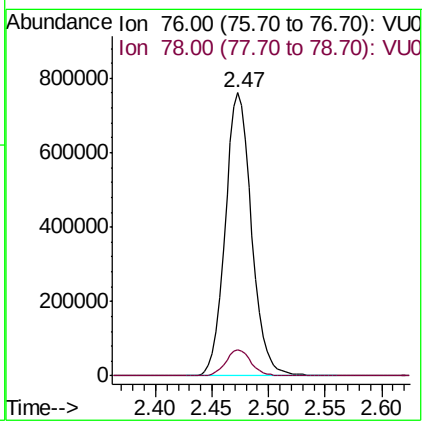


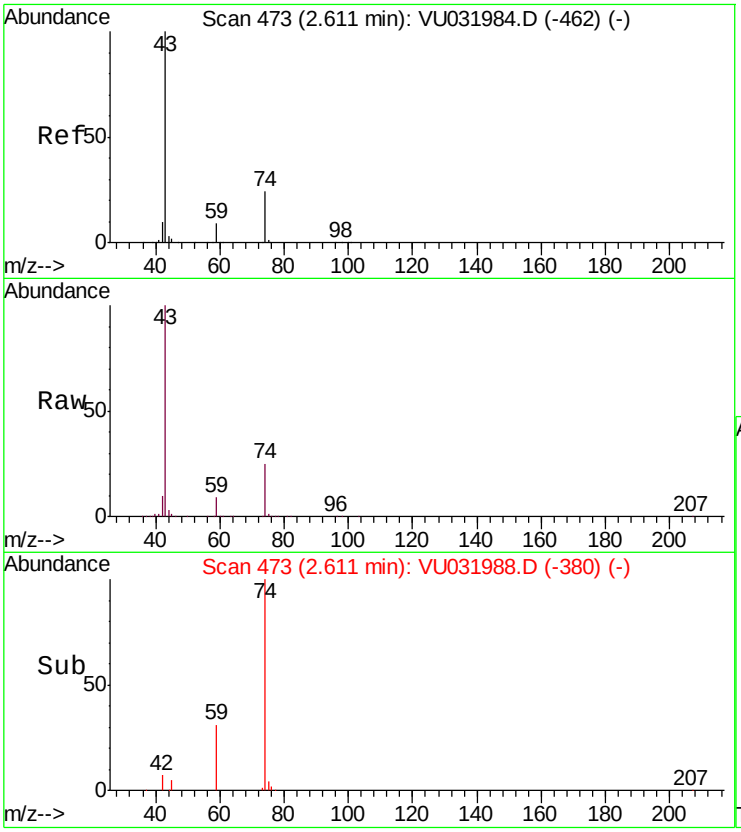


#14
Carbon disulfide
Concen: 47.029 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 76 Resp: 1230367

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2



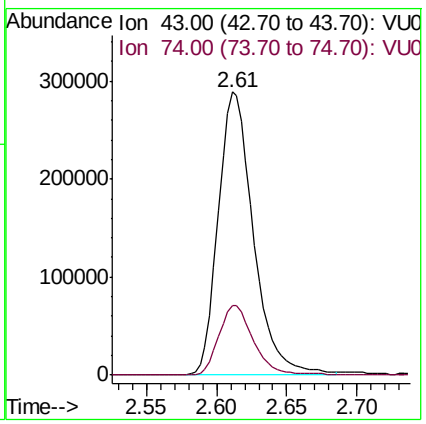


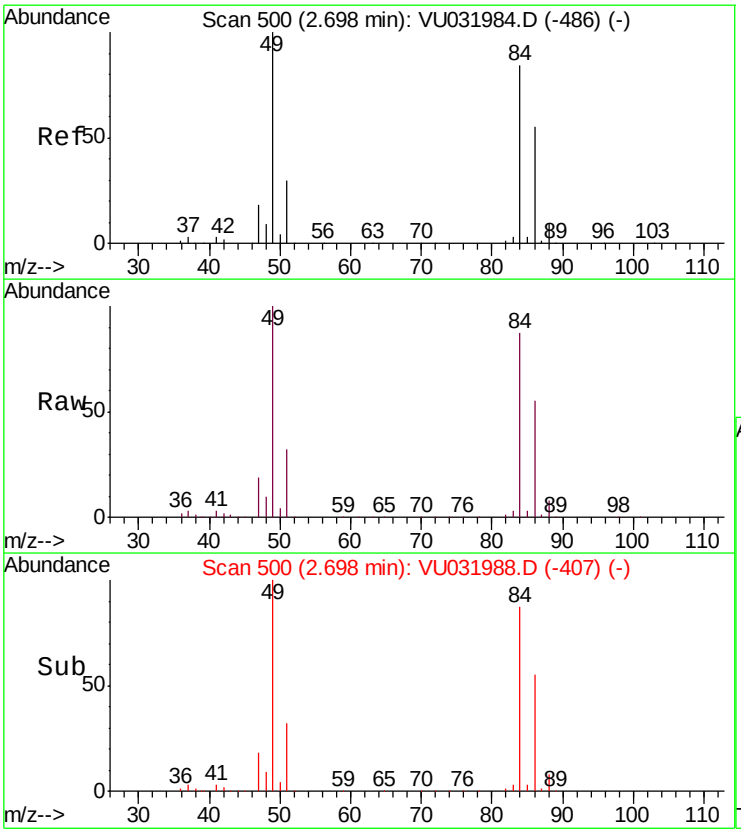
#15
Methyl Acetate
Concen: 47.468 ug/L
RT: 2.61 min Scan# 473
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 43 Resp: 499328

Ion	Ratio	Lower	Upper
43	100		
74	24.5	0.0	0.0#

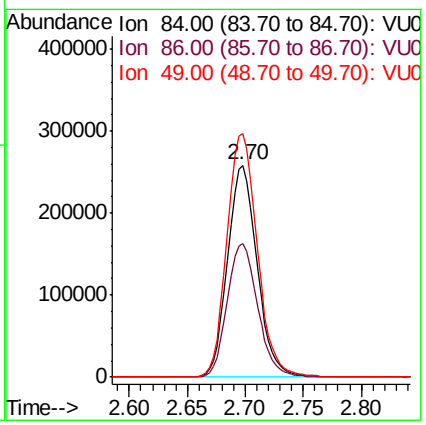


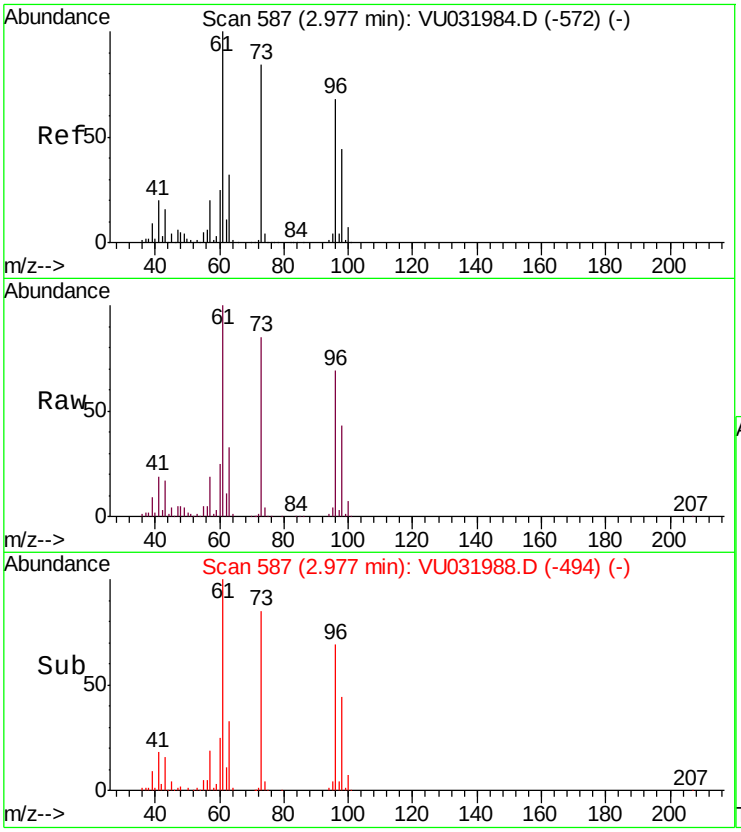


#16
Methylene chloride
Concen: 46.030 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 84 Resp: 454646

Ion	Ratio	Lower	Upper
84	100		
86	63.0	45.8	85.0
49	115.1	83.3	154.7



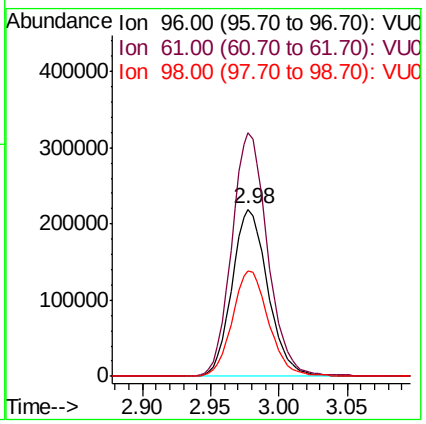


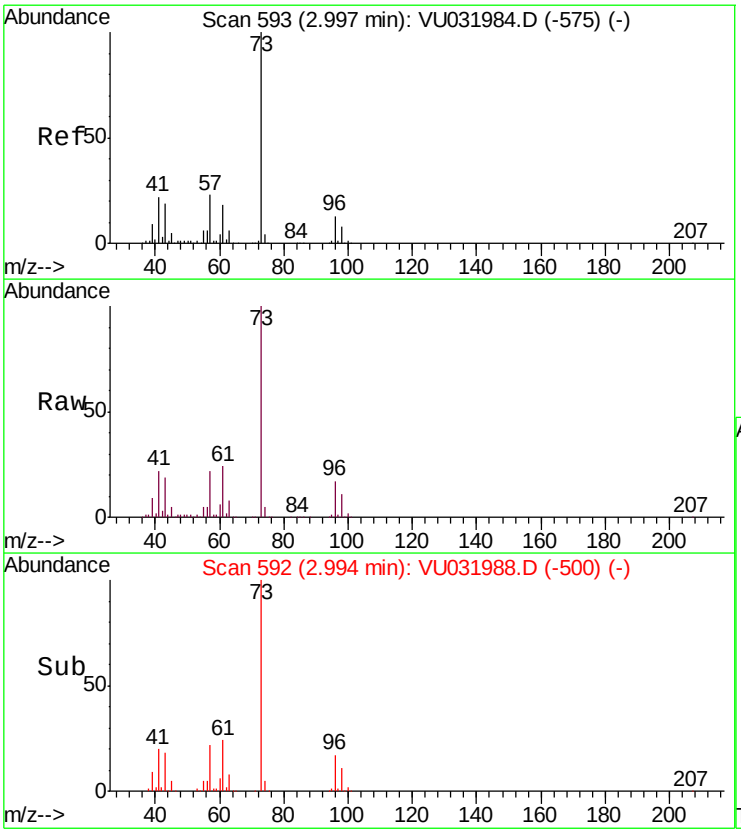
#17
trans-1,2-Dichloroethene
Concen: 47.463 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 96 Resp: 399906

Ion	Ratio	Lower	Upper
96	100		
61	145.8	103.2	191.6
98	63.4	45.7	84.9

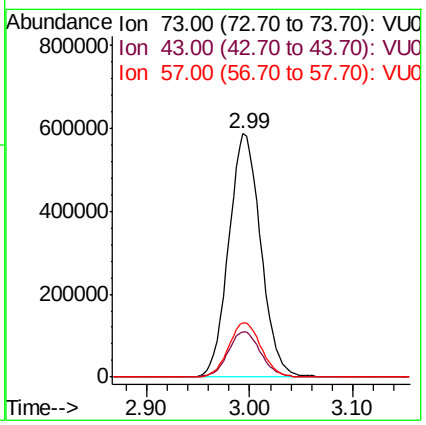


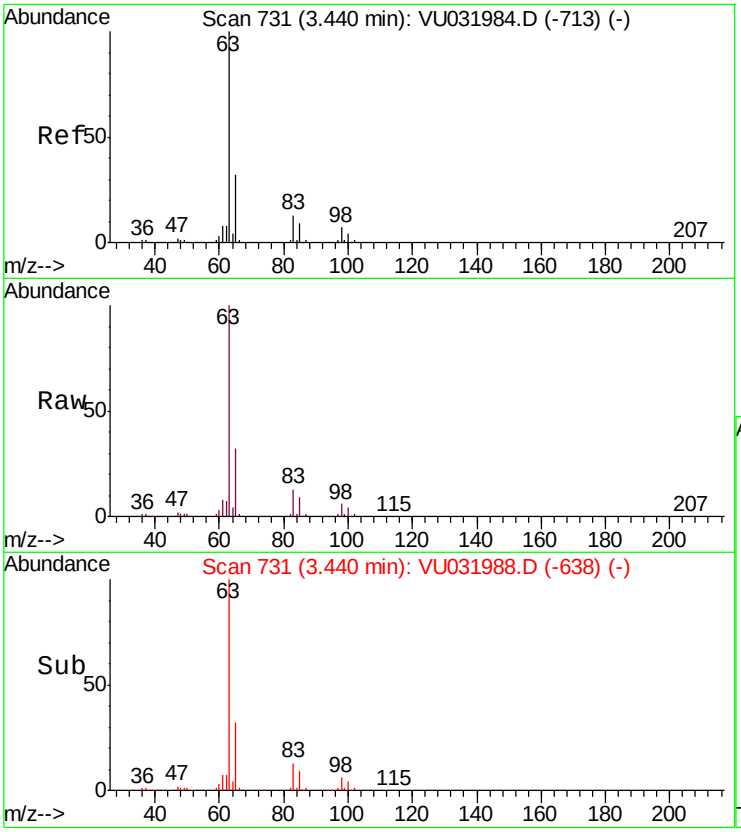


#18
Methyl tert-butyl Ether
Concen: 49.170 ug/L
RT: 2.99 min Scan# 592
Delta R.T. -0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 73 Resp: 1273013

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.1	22.7
57	22.7	18.2	27.4



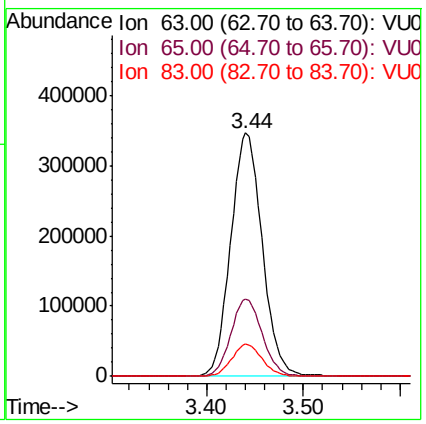


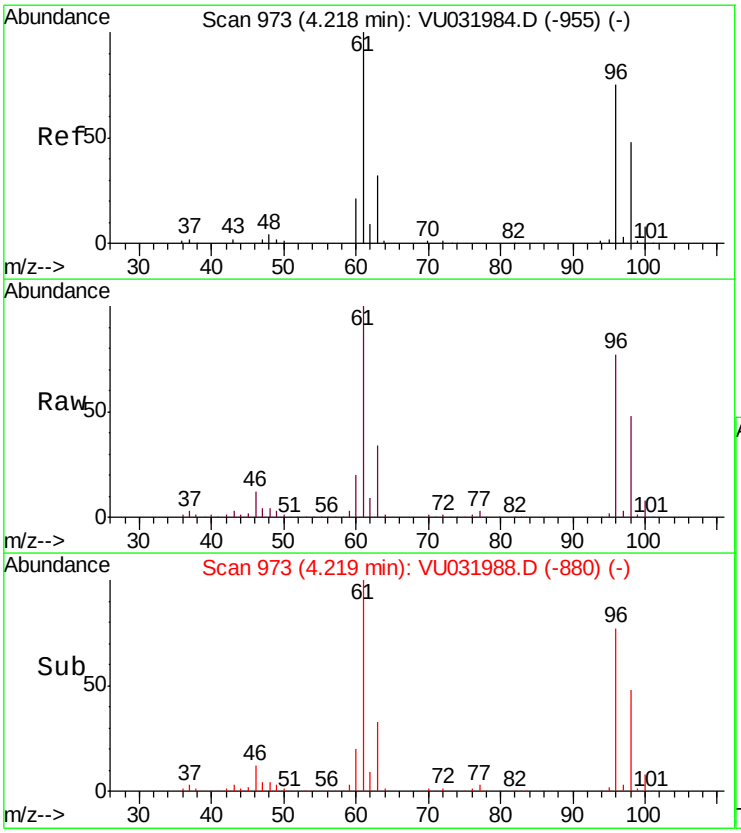
#19
1,1-Dichloroethane
Concen: 47.481 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 63 Resp: 785576

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.2	41.2
83	13.2	9.2	17.2

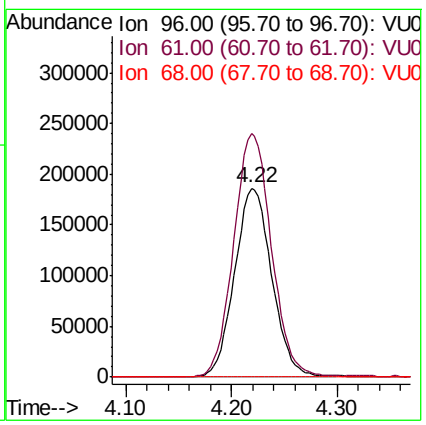


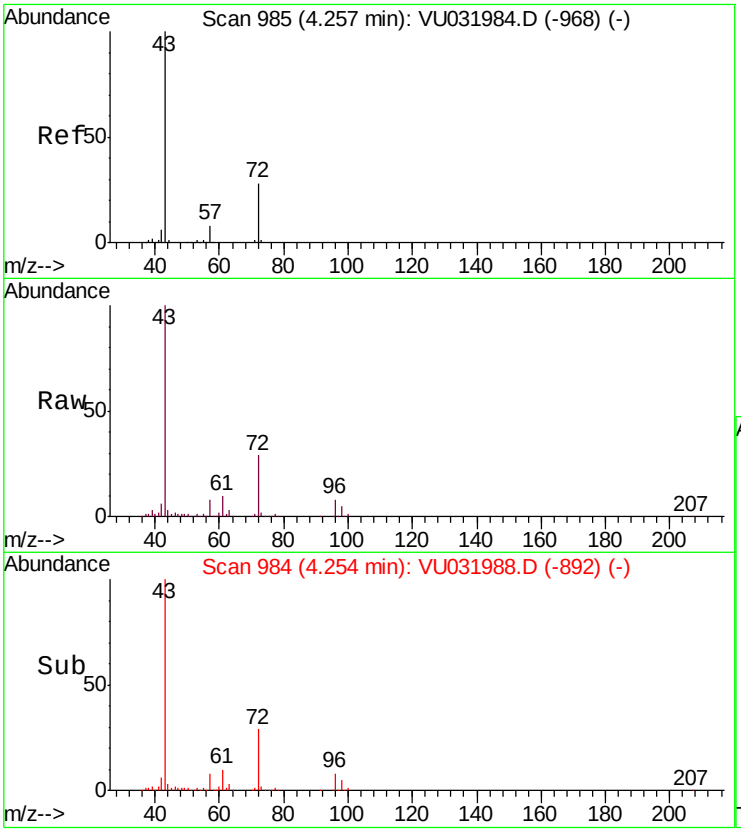


#20
cis-1,2-Dichloroethene
Concen: 48.975 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 96 Resp: 456429

Ion	Ratio	Lower	Upper
96	100		
61	129.1	93.0	172.8
68	0.0	0.0	0.0



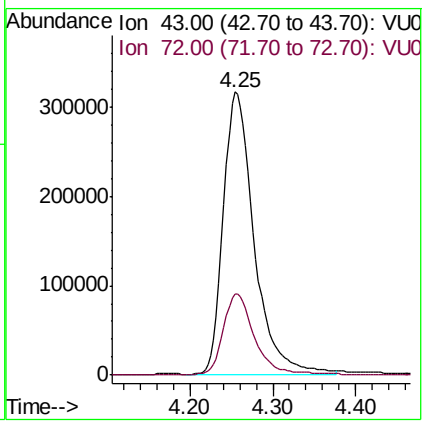


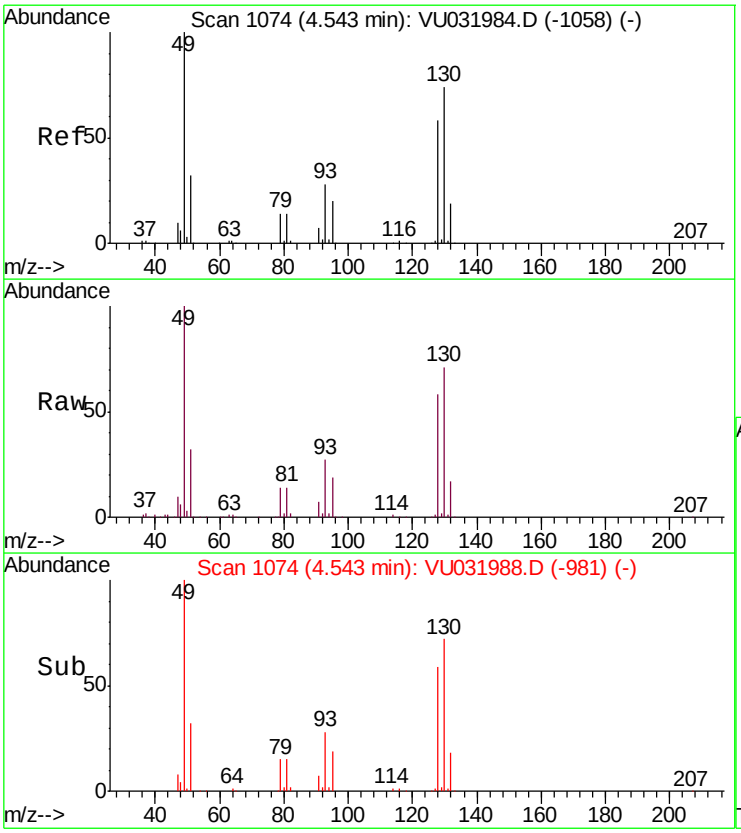
#22
2-Butanone
Concen: 102.502 ug/L
RT: 4.25 min Scan# 984
Delta R.T. -0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 43 Resp: 819059

Ion	Ratio	Lower	Upper
43	100		
72	28.5	13.9	41.7

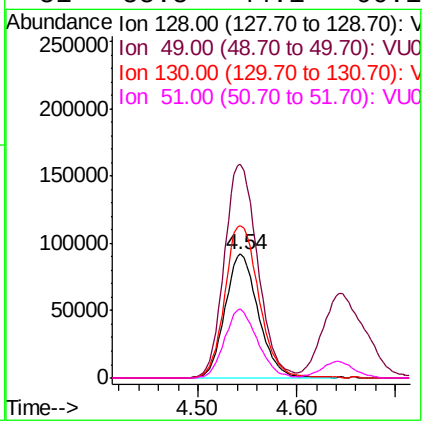


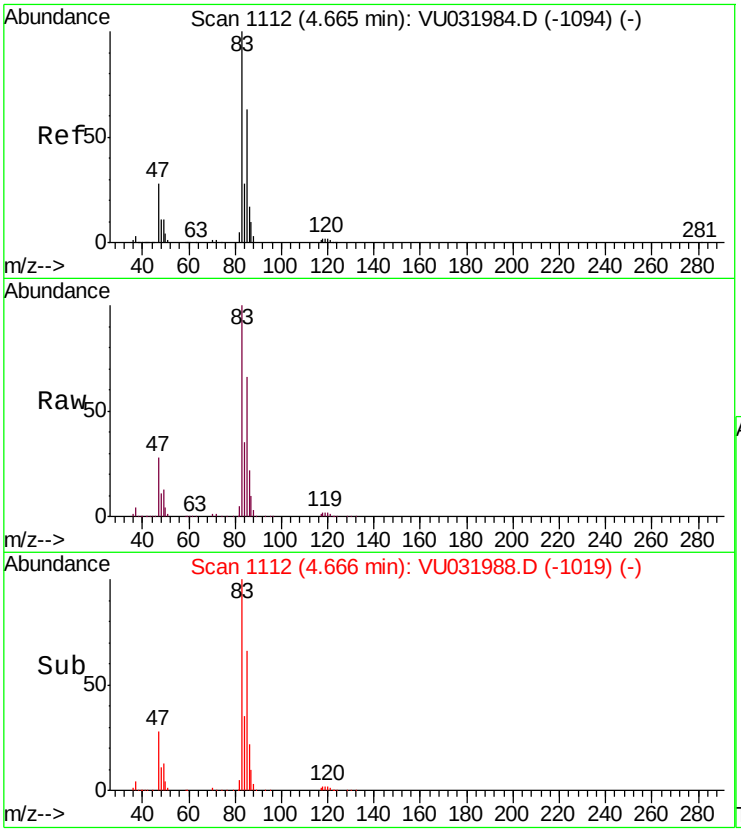


#23
Bromochloromethane
Concen: 47.634 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:128 Resp: 217573

Ion	Ratio	Lower	Upper
128	100		
49	172.4	121.7	226.1
130	122.6	89.5	166.1
51	55.5	44.1	66.1



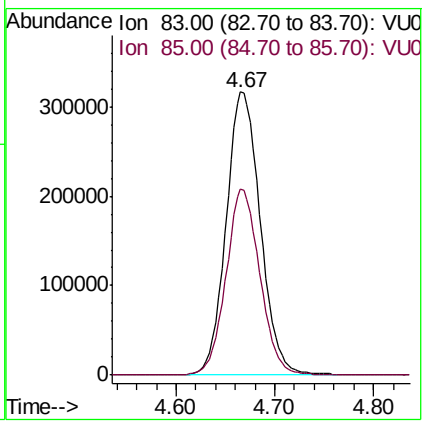


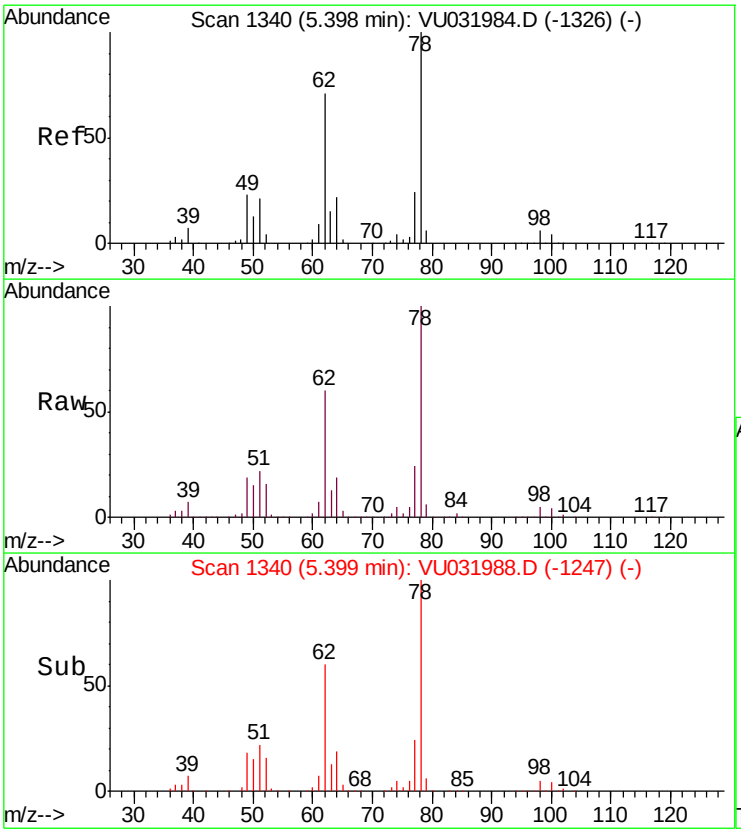
#25
Chloroform
Concen: 46.748 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 83 Resp: 764382

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.2	82.2

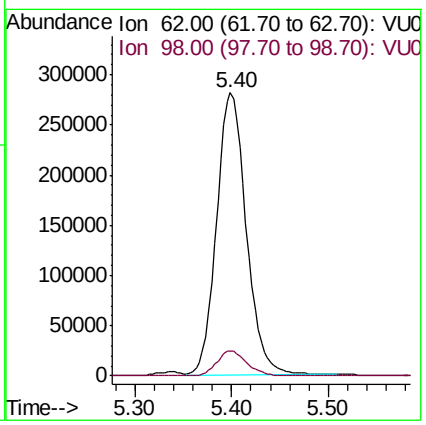


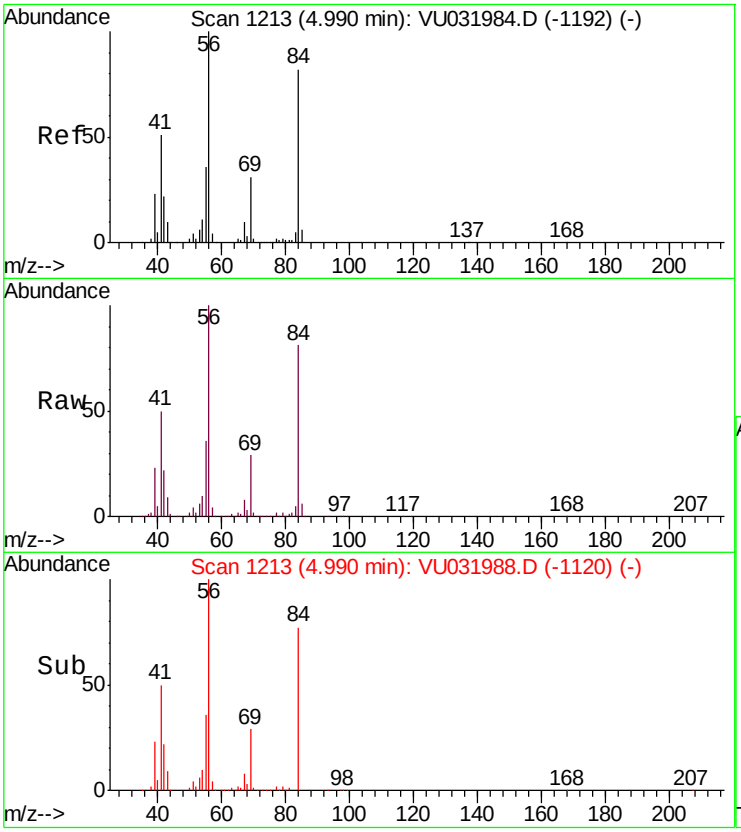


#27
1,2-Dichloroethane
Concen: 47.477 ug/L
RT: 5.40 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 62 Resp: 600865

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8



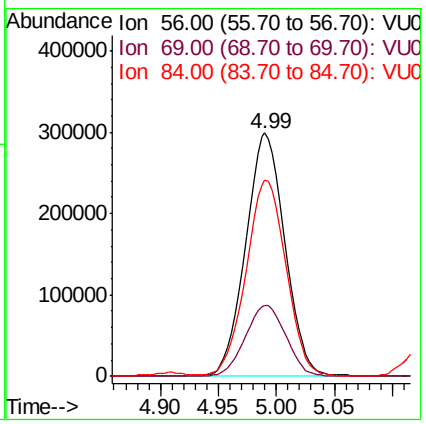


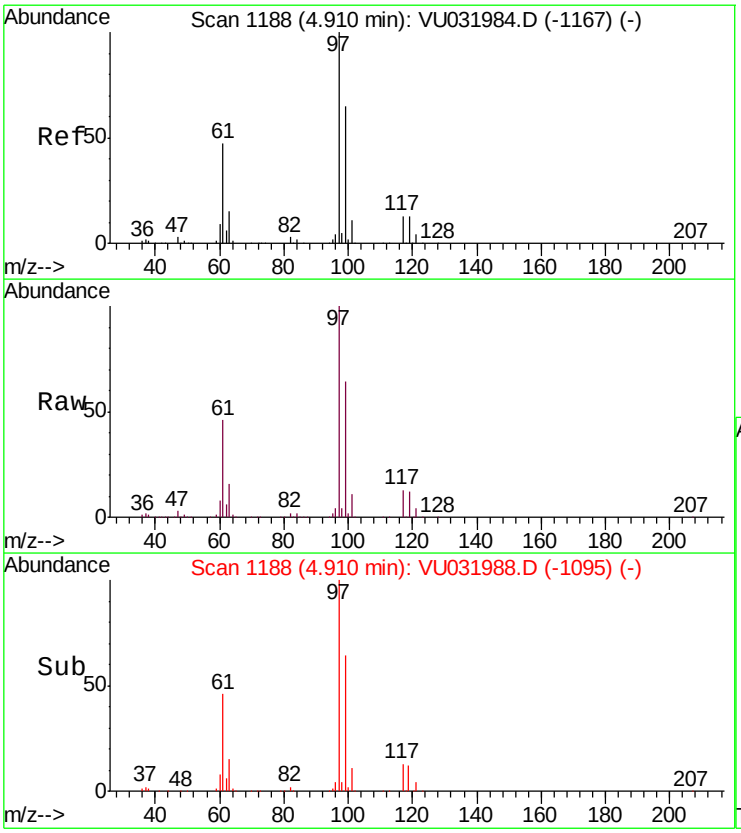
#29
Cyclohexane
Concen: 51.851 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 56 Resp: 704904

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.8	37.2
84	81.1	65.5	98.3

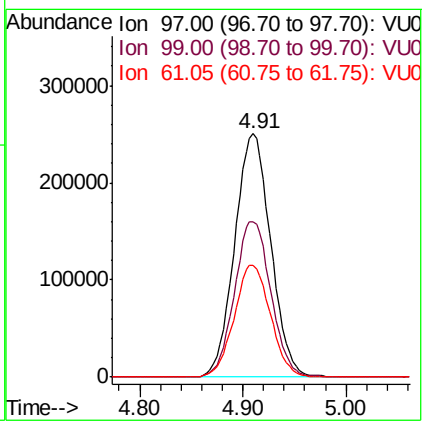


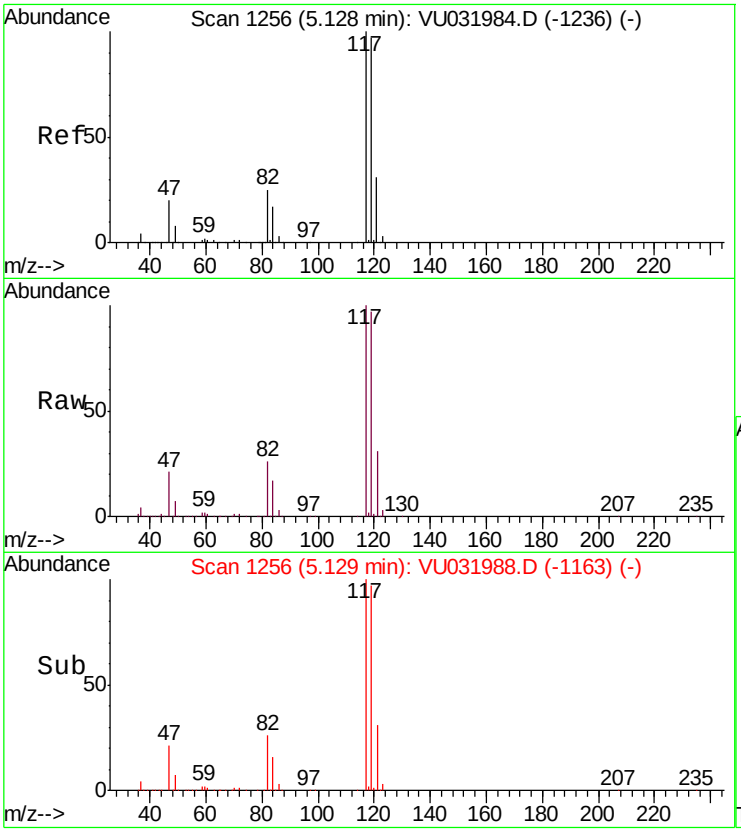


#30
1,1,1-Trichloroethane
Concen: 47.366 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 97 Resp: 609127

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	46.1	37.5	56.3



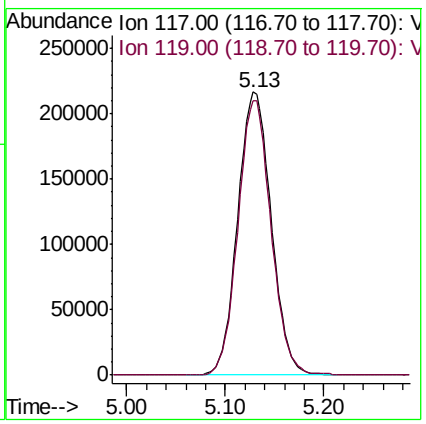


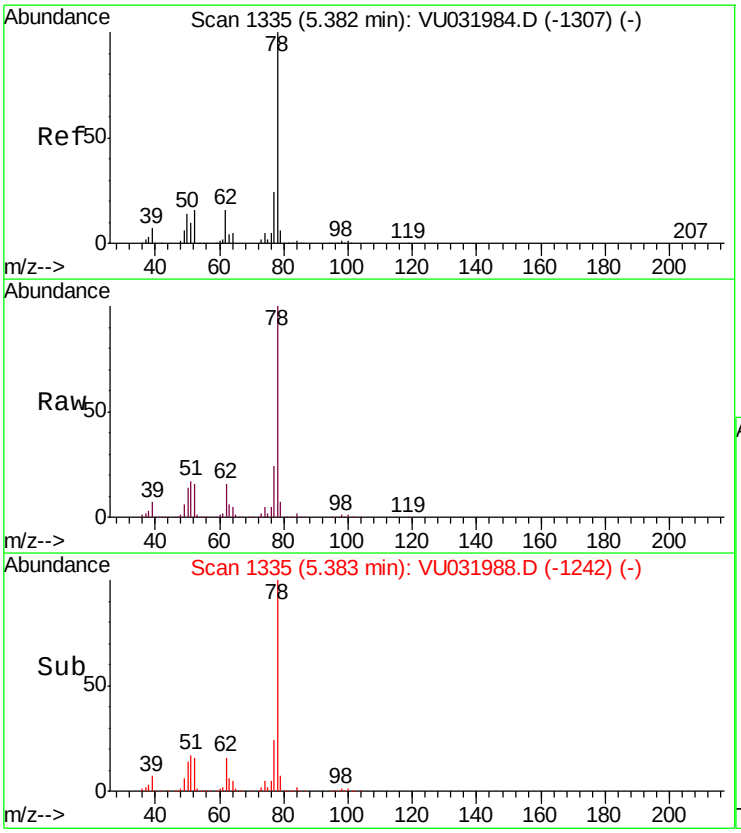
#31
Carbon tetrachloride
Concen: 47.428 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:117 Resp: 508842

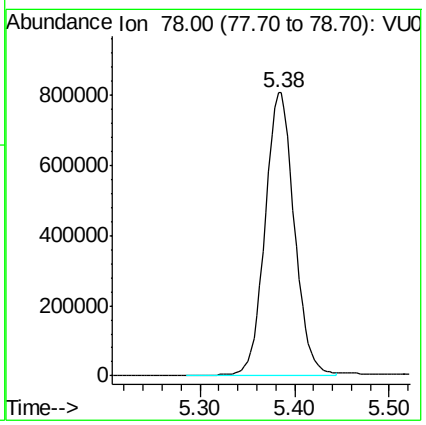
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.2	115.8

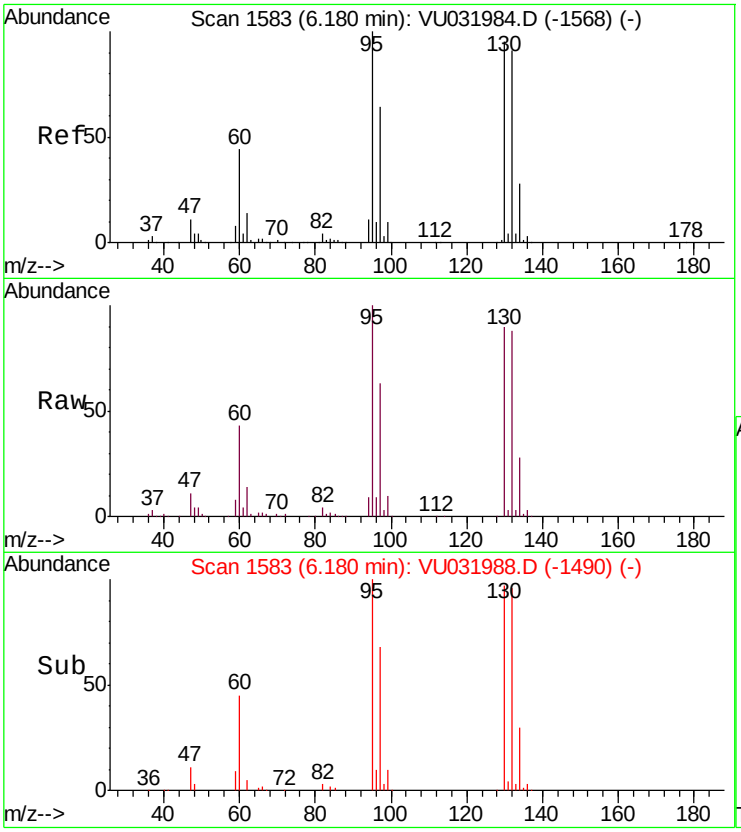




#33
Benzene
Concen: 47.794 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 78 Resp: 1736312



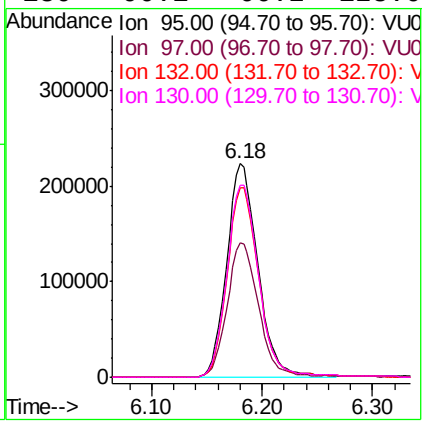


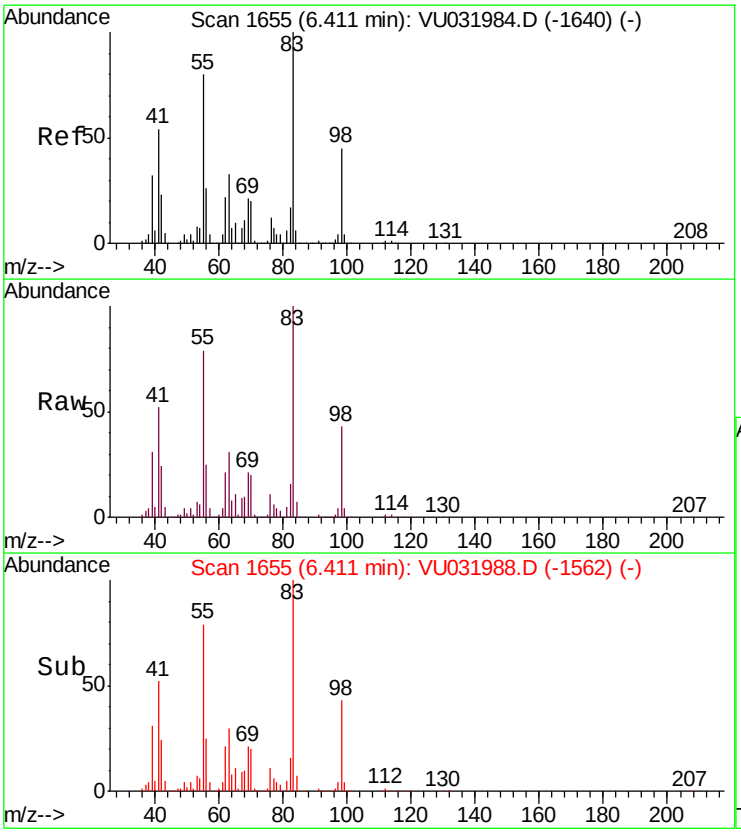
#34
Trichloroethene
Concen: 48.749 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 95 Resp: 438589

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.9	83.3
132	88.5	63.5	117.9
130	90.1	66.2	123.0

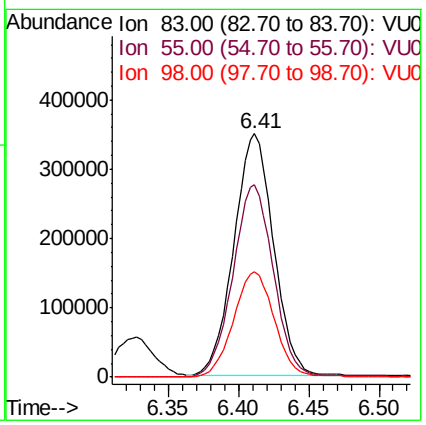


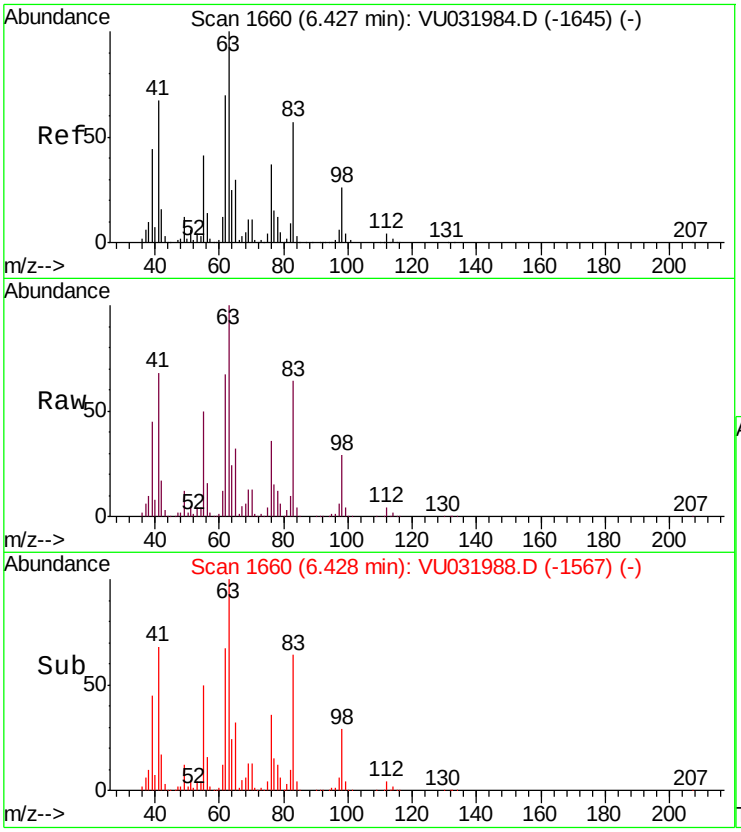


#35
Methylcyclohexane
Concen: 49.635 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 83 Resp: 684750

Ion	Ratio	Lower	Upper
83	100		
55	81.6	64.0	96.0
98	44.8	35.6	53.4



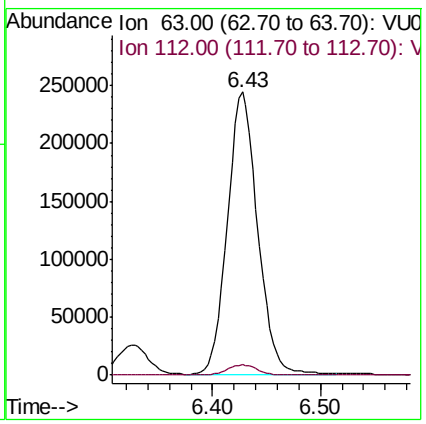


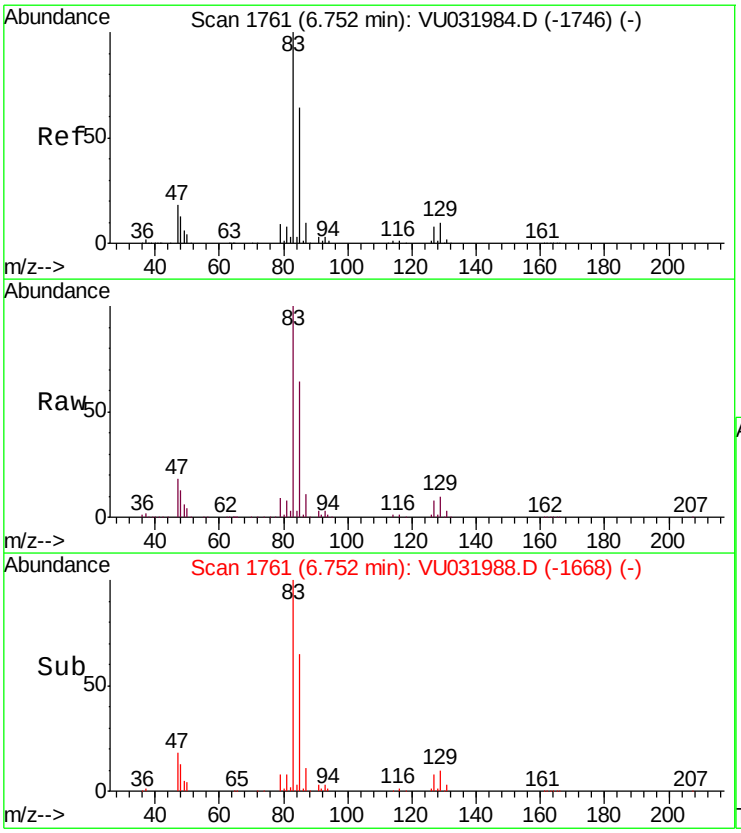
#37
1,2-Dichloropropane
Concen: 48.758 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Tgt Ion: 63 Resp: 475757

Ion	Ratio	Lower	Upper
63	100		
112	3.6	3.0	4.4

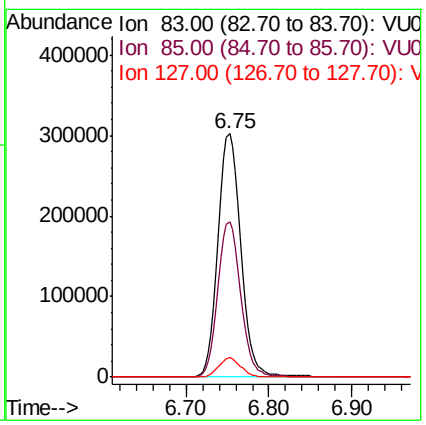


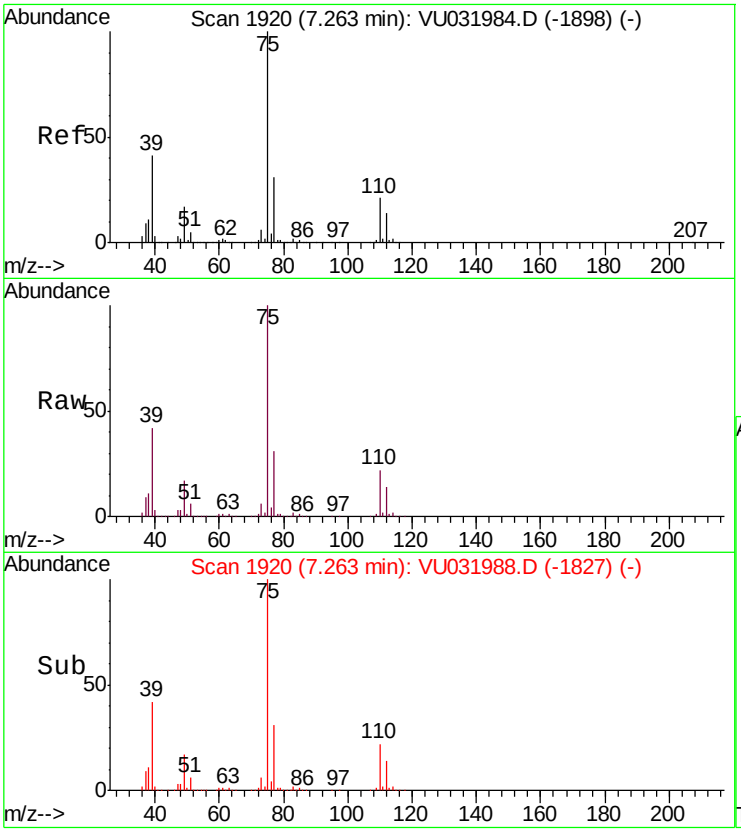


#38
Bromodichloromethane
Concen: 48.282 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 83 Resp: 575683

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.7	82.9
127	8.1	6.5	9.7



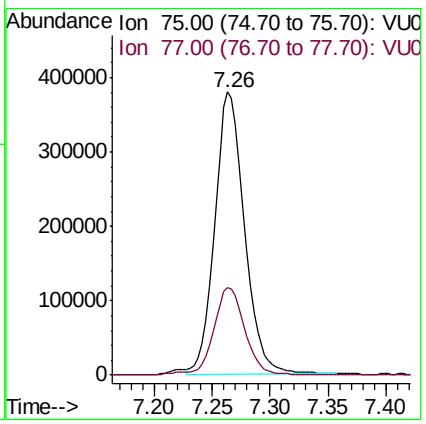


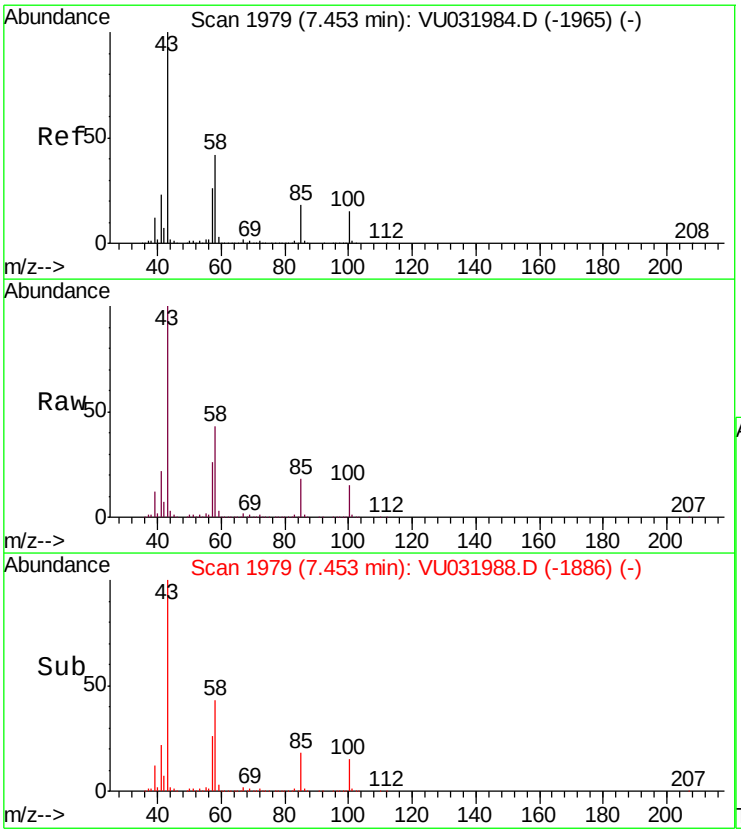
#39
cis-1,3-Dichloropropene
Concen: 49.075 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 75 Resp: 679868

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.8	40.6

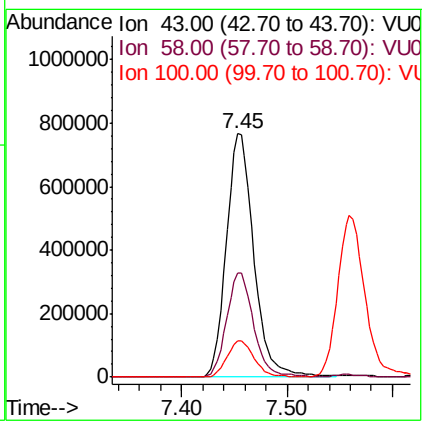


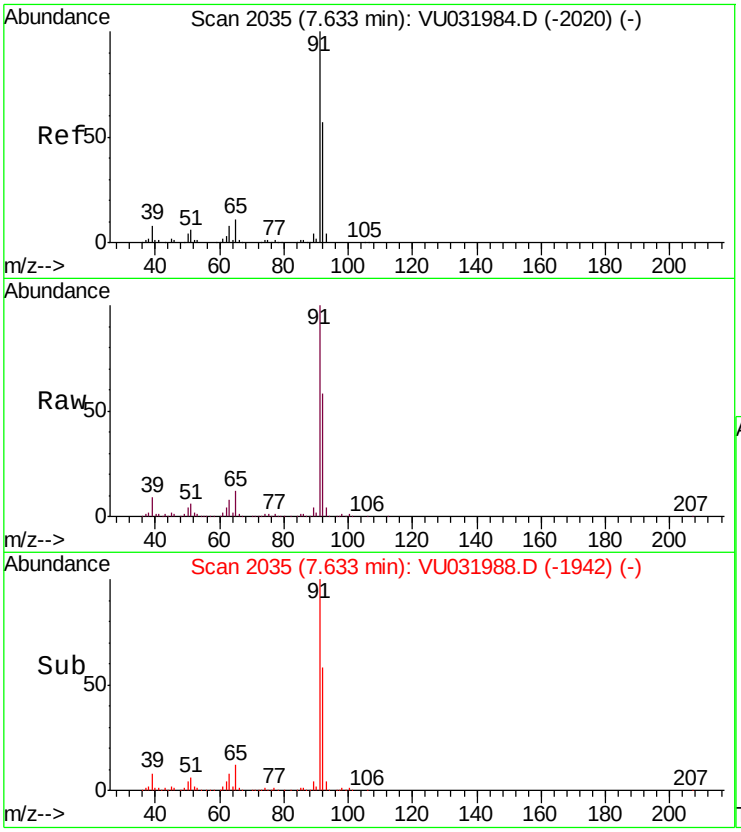


#40
4-Methyl-2-pentanone
Concen: 104.124 ug/L
RT: 7.45 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 43 Resp: 1378490

Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.6	50.4
100	14.7	11.8	17.8



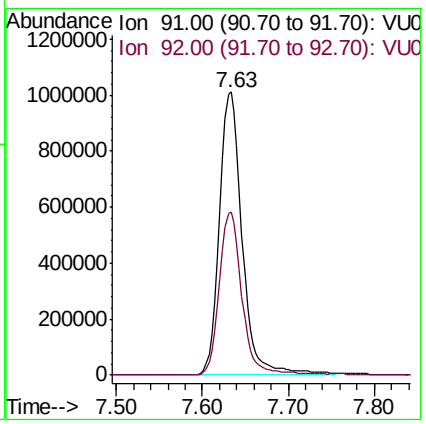


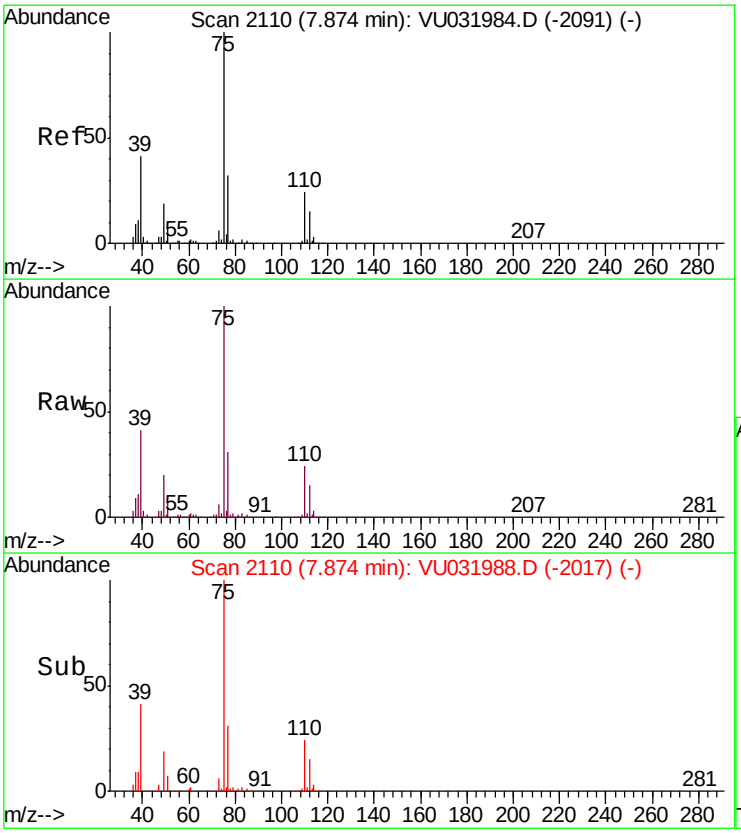
#42
Toluene
Concen: 50.329 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 91 Resp: 1876260

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.2	74.6

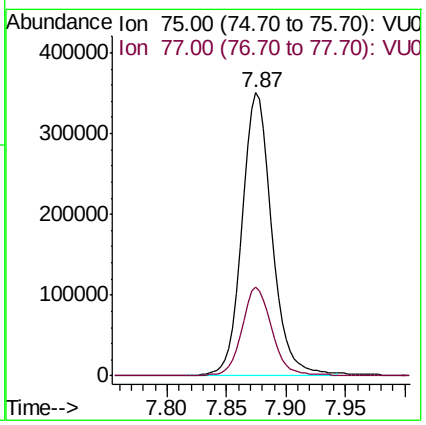


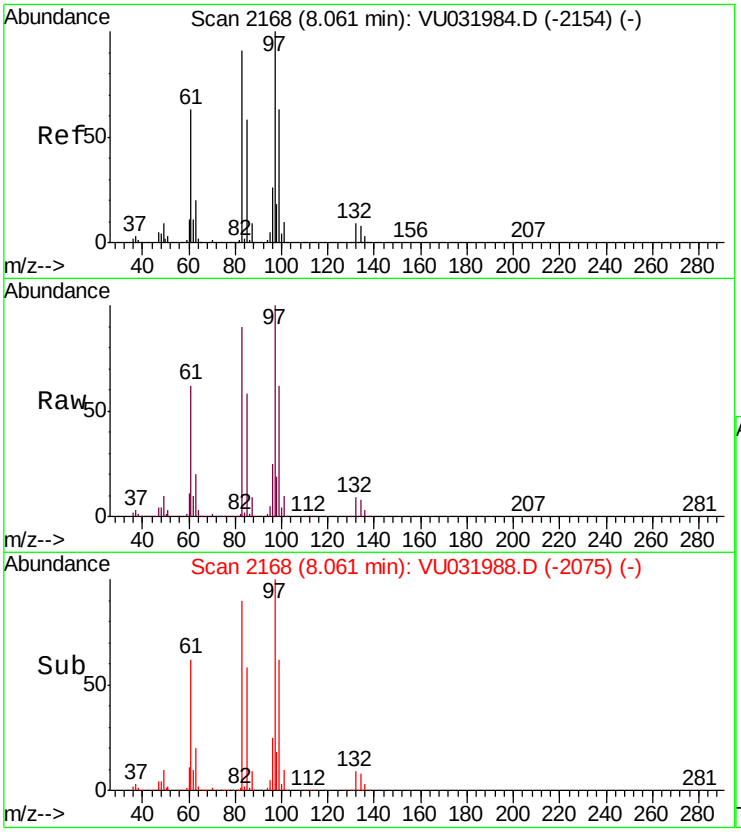


#44
trans-1,3-Dichloropropene
Concen: 50.301 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 75 Resp: 611979

Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.5	41.7



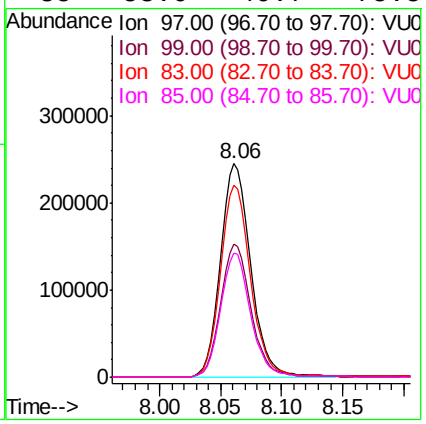


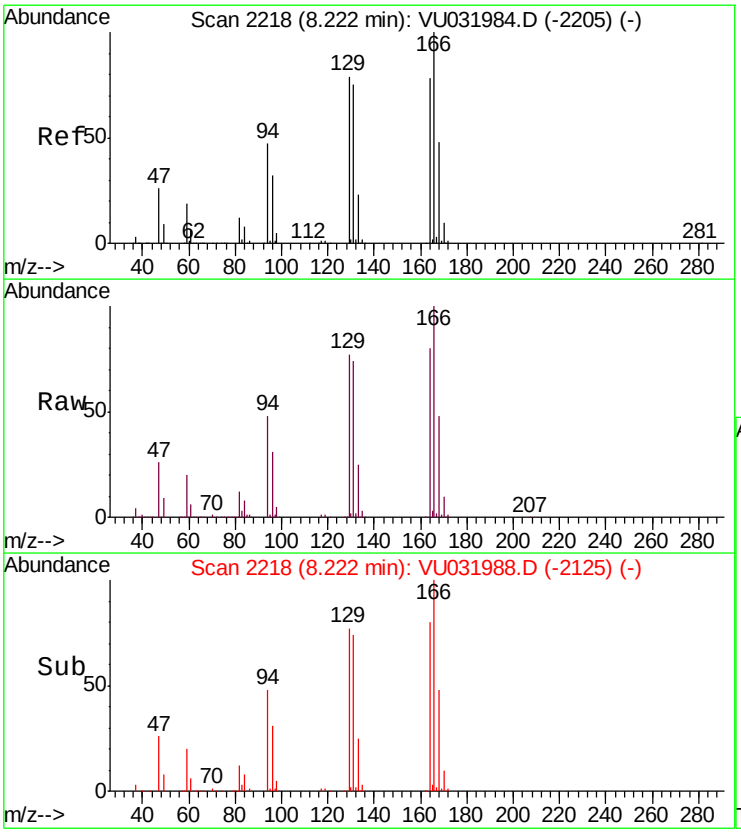
#45
1,1,2-Trichloroethane
Concen: 47.980 ug/L
RT: 8.06 min Scan# 2168
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 97 Resp: 429273

Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.4	82.4
83	90.0	63.8	118.4
85	58.0	40.7	75.5

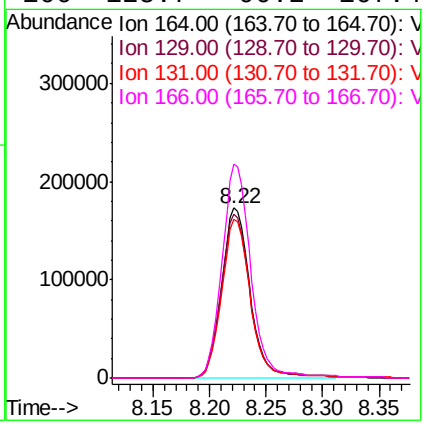


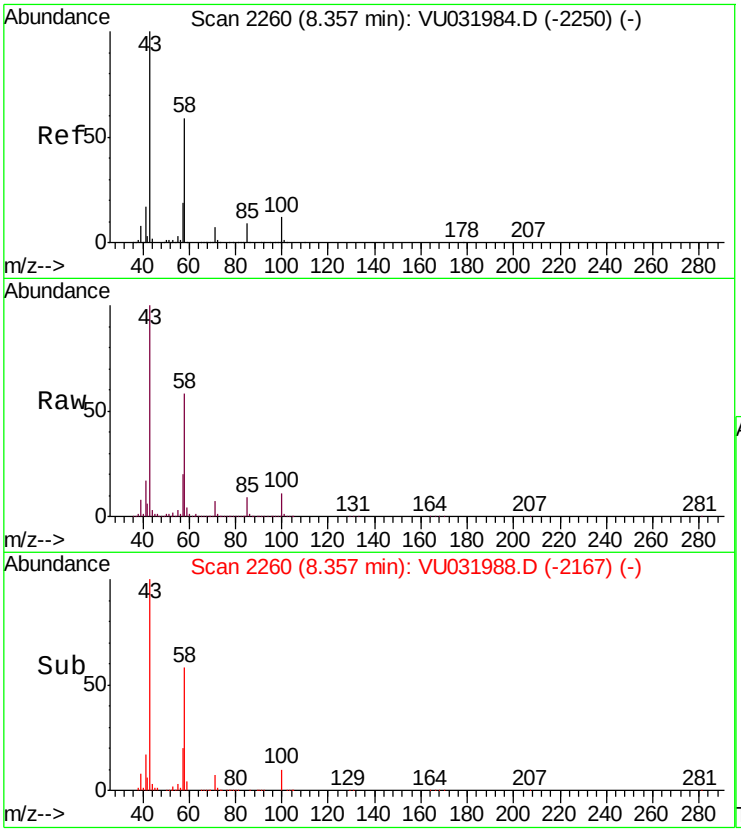


#46
Tetrachloroethene
Concen: 48.327 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:164 Resp: 306974

Ion	Ratio	Lower	Upper
164	100		
129	96.4	70.9	131.7
131	93.4	67.4	125.2
166	125.7	90.2	167.4



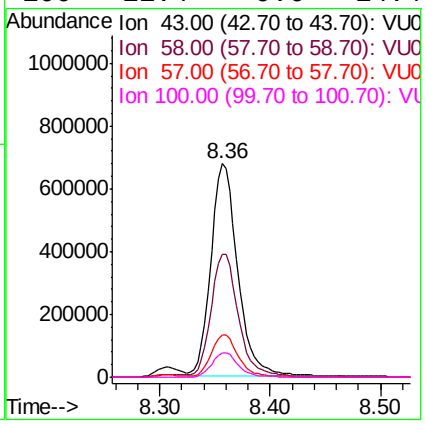


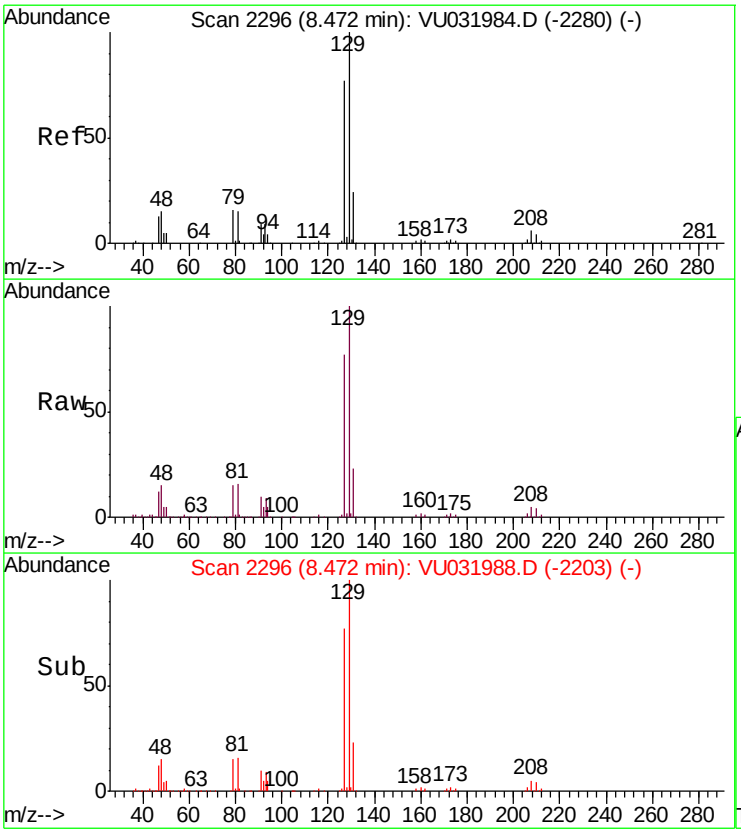
#48
2-Hexanone
Concen: 106.717 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 43 Resp: 1146690

Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.8	71.6
57	20.6	16.0	24.0
100	11.4	9.6	14.4

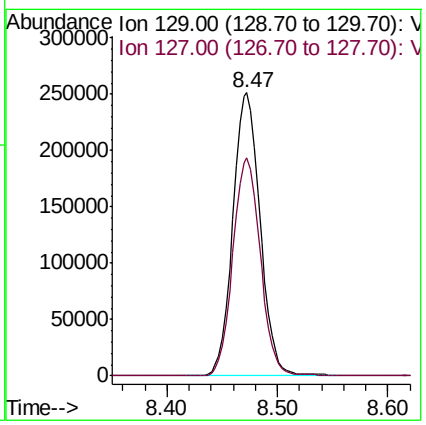


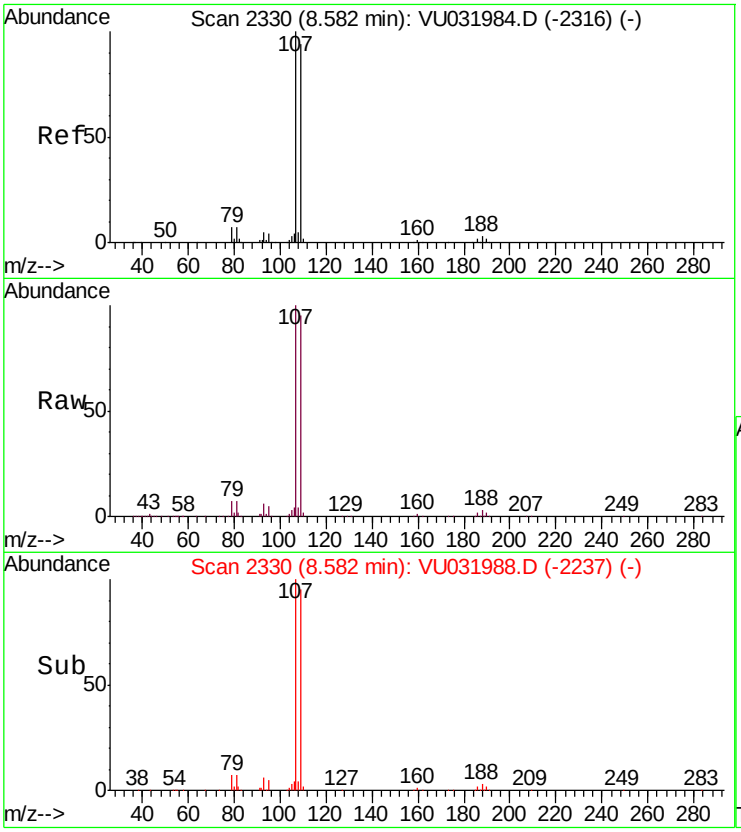


#49
Dibromochloromethane
Concen: 47.998 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:129 Resp: 430760

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.8	99.8



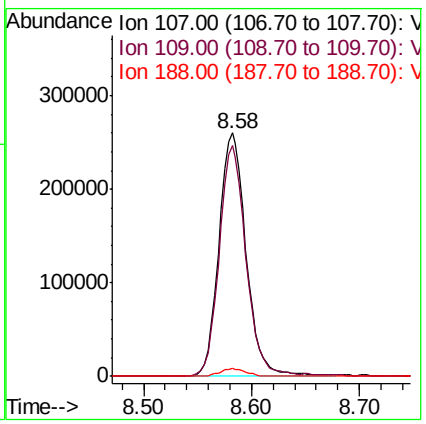


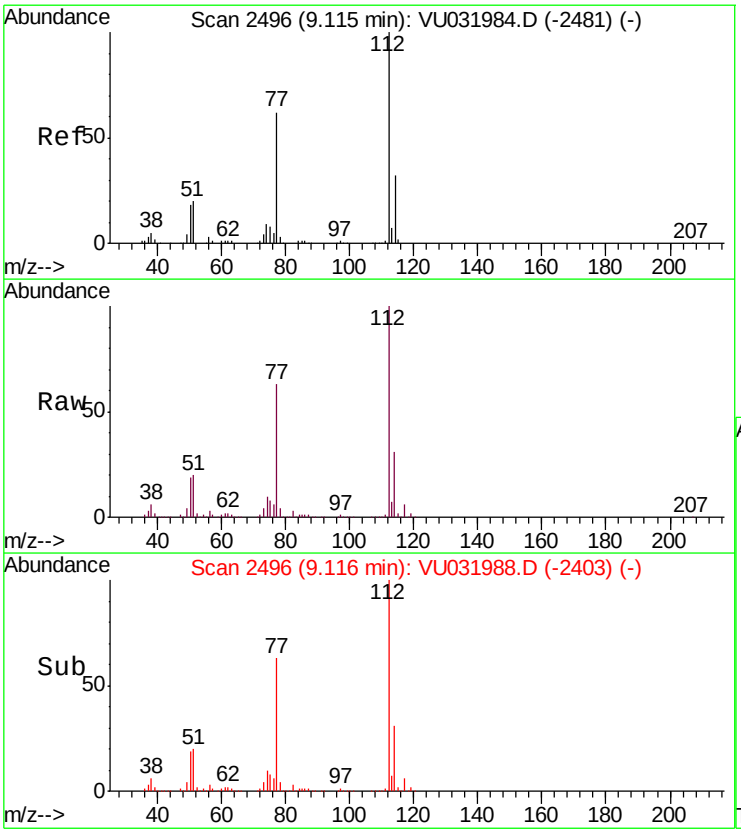
#50
1,2-Dibromoethane
Concen: 48.155 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:107 Resp: 455937

Ion	Ratio	Lower	Upper
107	100		
109	94.9	66.0	122.6
188	3.1	2.7	4.1

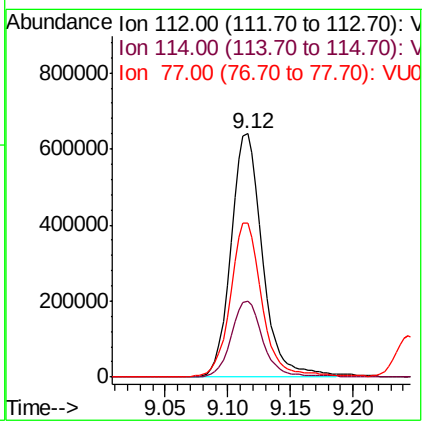


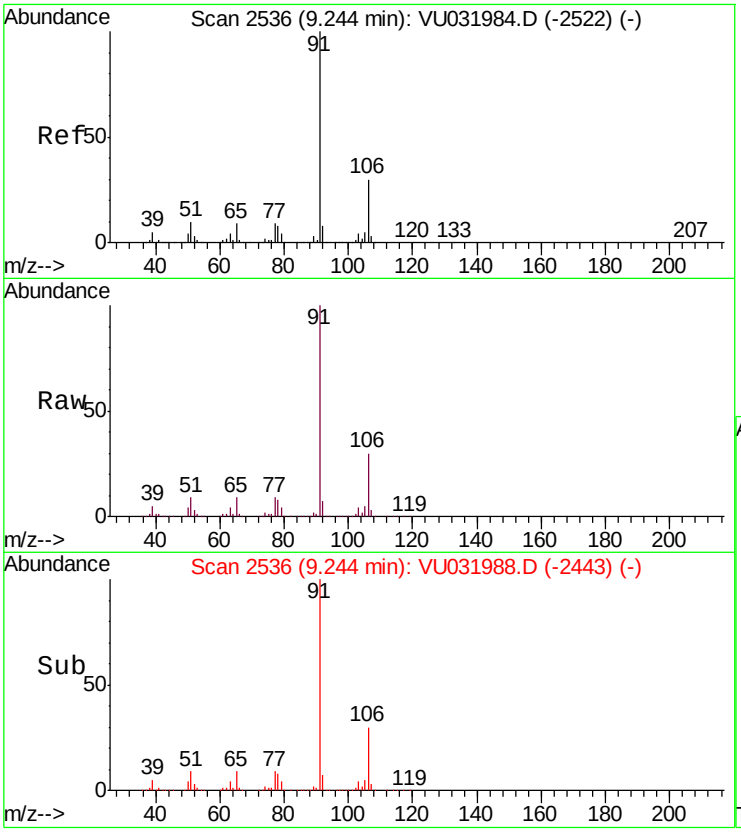


#51
Chlorobenzene
Concen: 47.193 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:112 Resp: 1117054

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.1	41.1
77	63.3	49.5	74.3



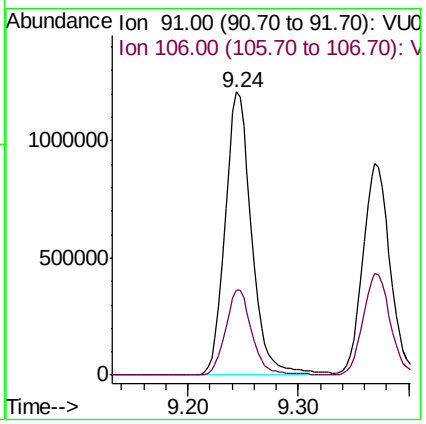


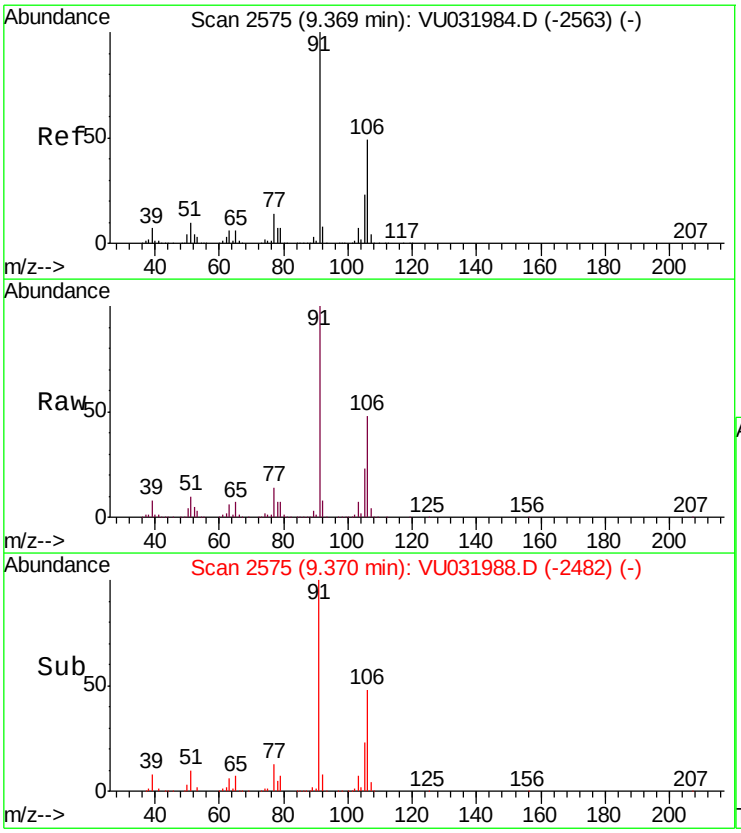
#52
Ethylbenzene
Concen: 50.679 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion: 91 Resp: 2021786

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.3	39.5

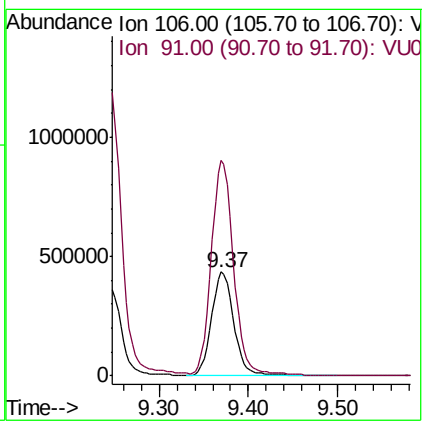


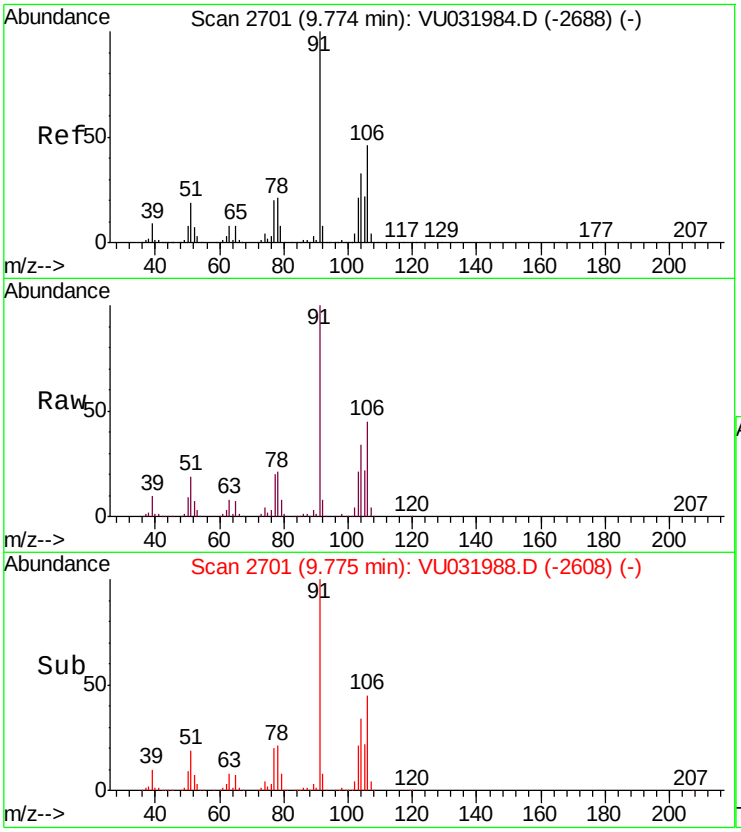


#53
m,p-Xylene
Concen: 52.177 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:106 Resp: 759629

Ion	Ratio	Lower	Upper
106	100		
91	208.0	144.8	269.0



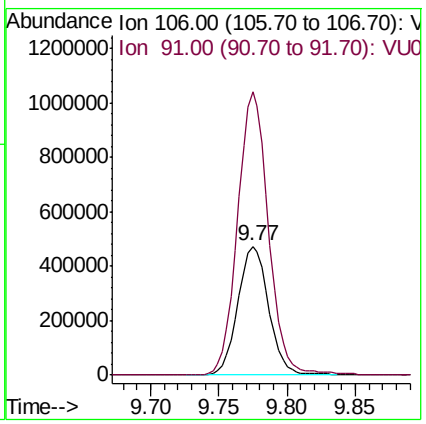


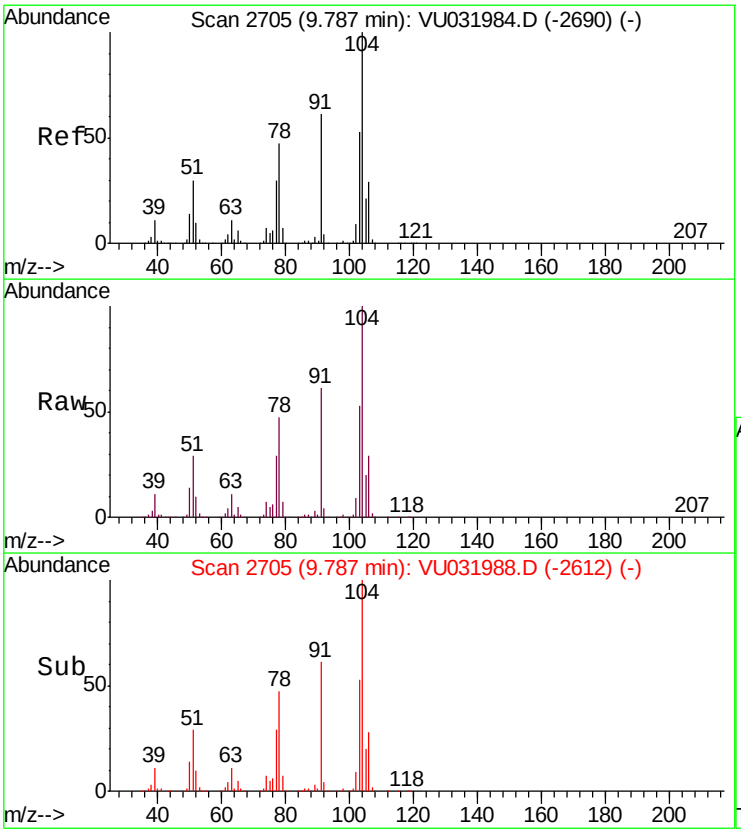
#54
o-xylene
Concen: 52.047 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:106 Resp: 748169

Ion	Ratio	Lower	Upper
106	100		
91	219.8	153.9	285.7

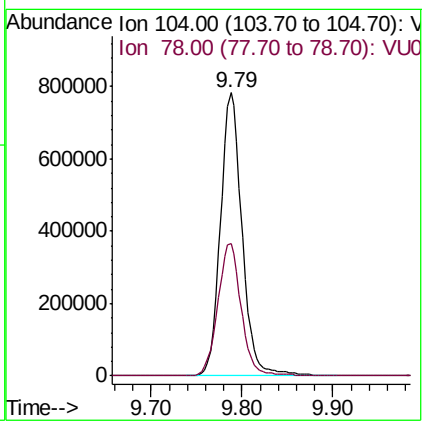


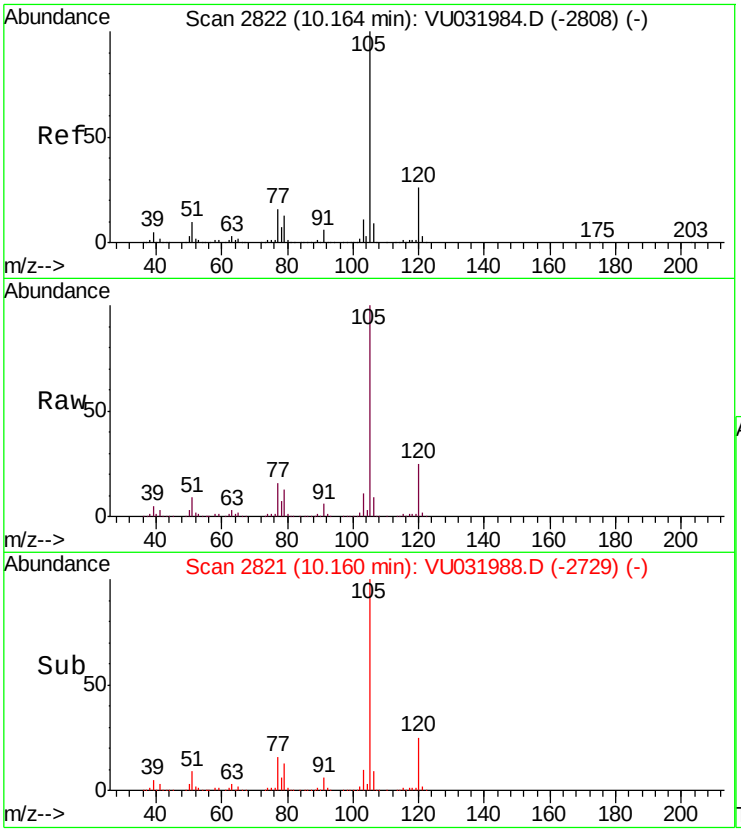


#55
Styrene
Concen: 52.512 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:104 Resp: 1295773

Ion	Ratio	Lower	Upper
104	100		
78	46.7	33.2	61.6



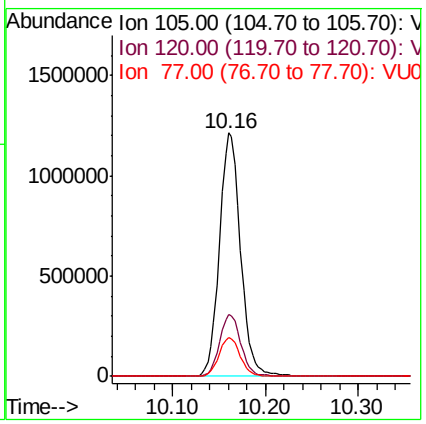


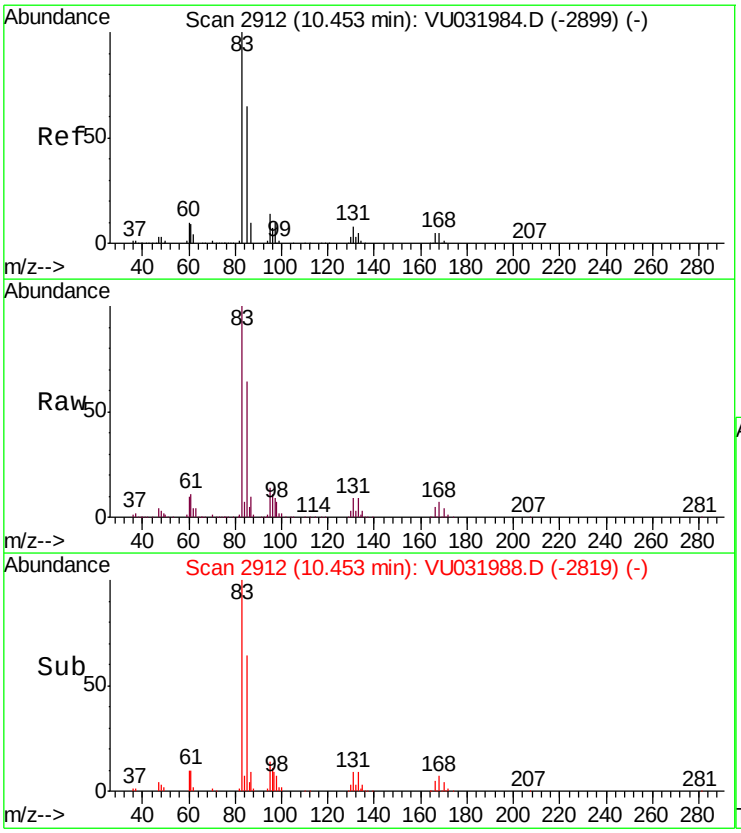
#56
Isopropylbenzene
Concen: 51.985 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:105 Resp: 1914704

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	16.0	13.0	19.4

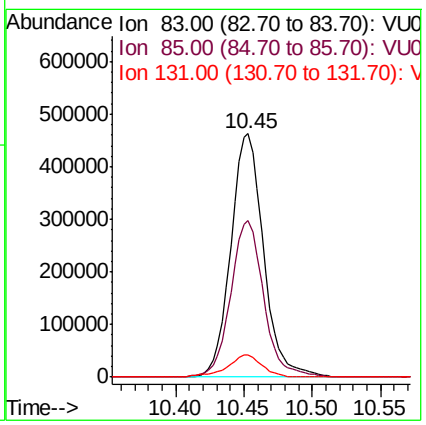


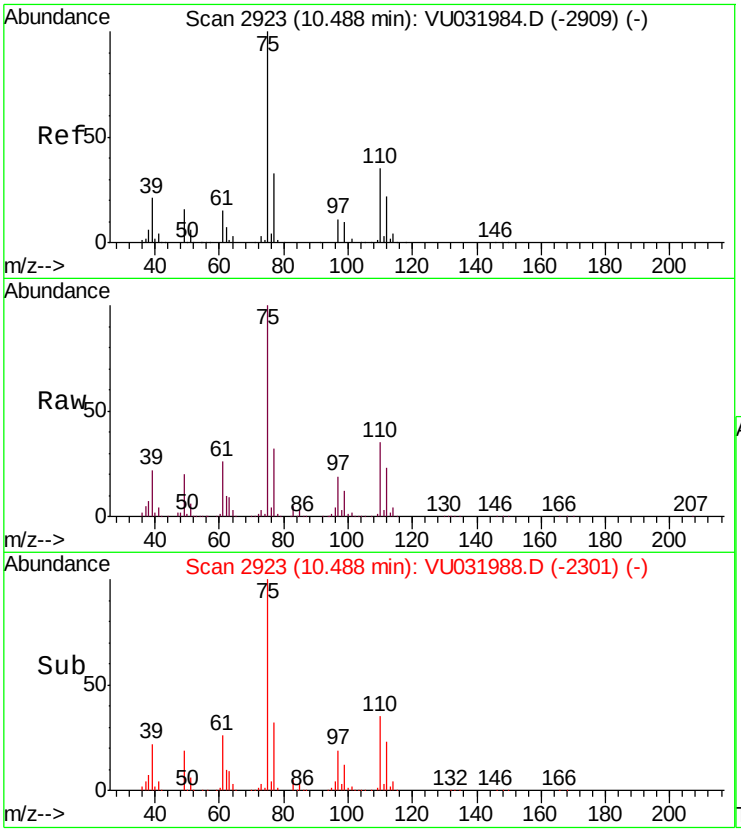


#58
1,1,2,2-Tetrachloroethane
Concen: 47.756 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 83 Resp: 771229

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.8	85.2
131	9.0	7.0	10.4



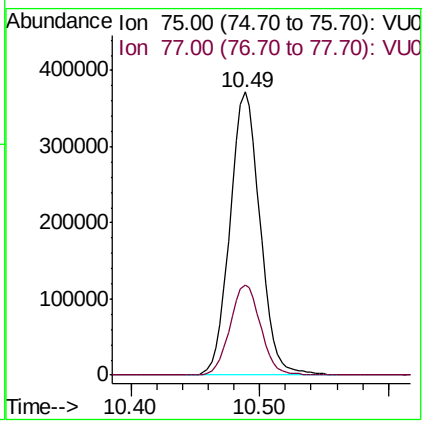


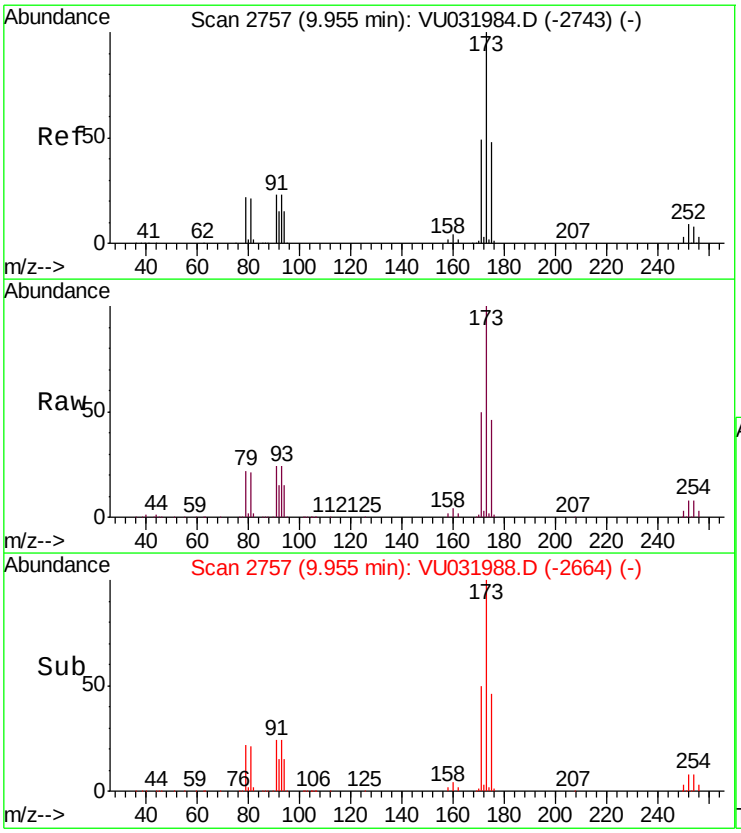
#59
1,2,3-Trichloropropane
Concen: 47.417 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Tgt Ion: 75 Resp: 603497

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5

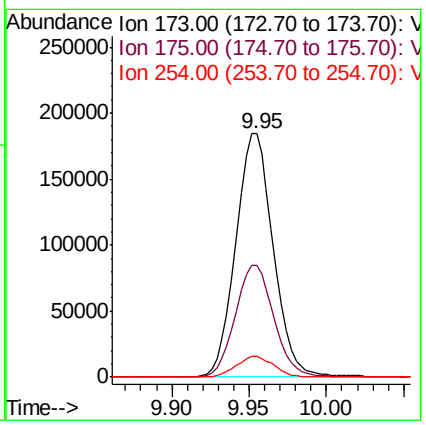


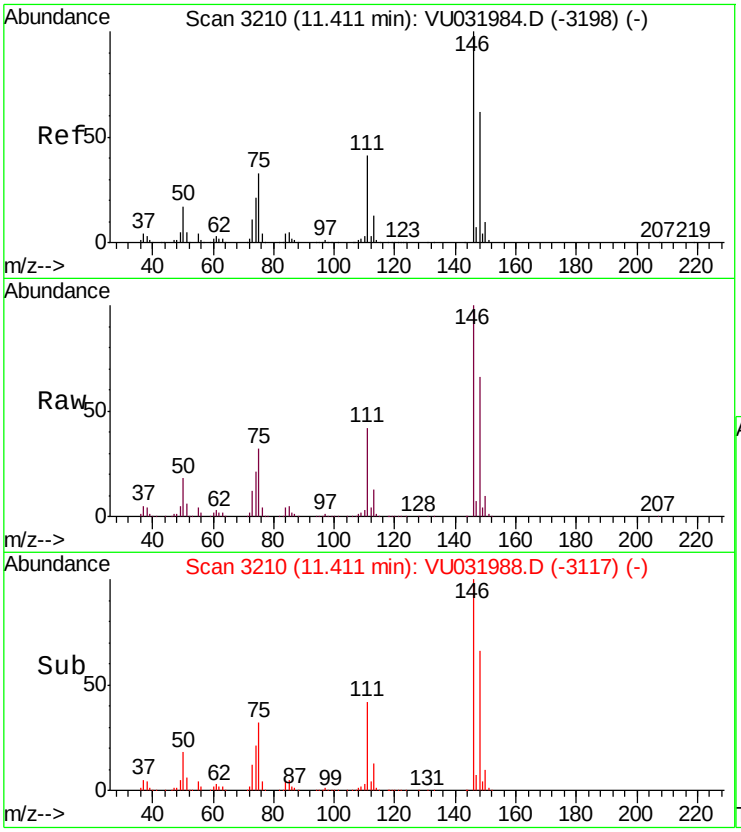


#61
Bromoform
Concen: 46.544 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:173 Resp: 310229

Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.4	57.6
254	8.4	6.6	9.8



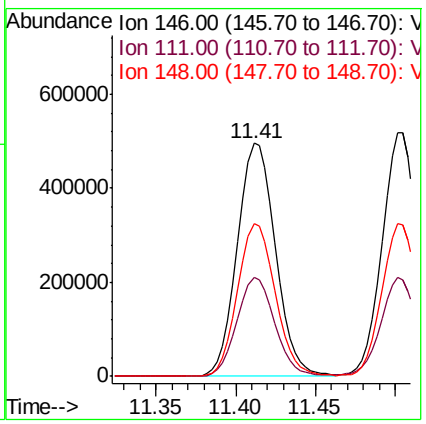


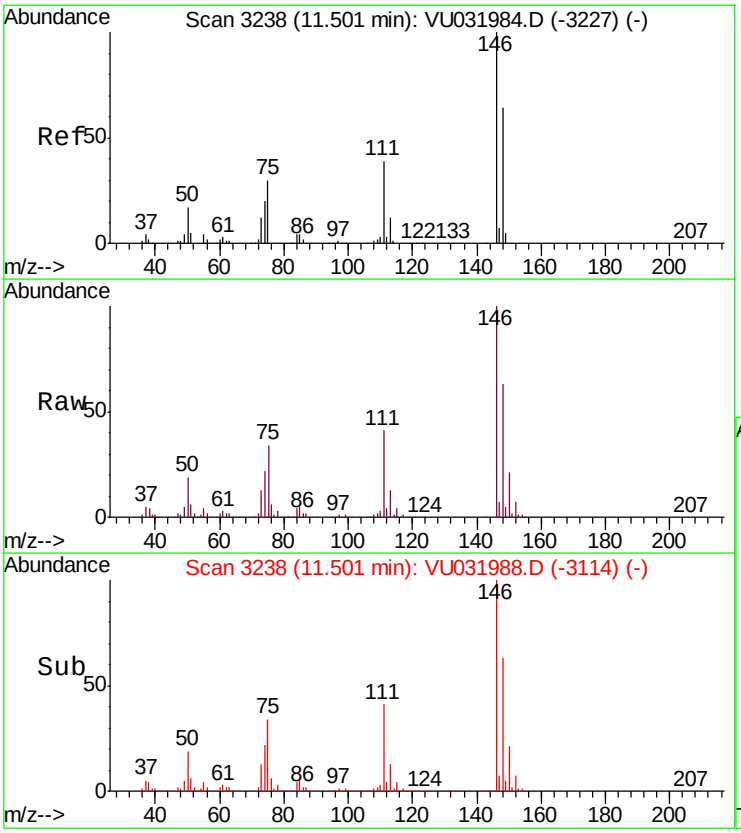
#62
1,3-Dichlorobenzene
Concen: 49.374 ug/L
RT: 11.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:146 Resp: 806751

Ion	Ratio	Lower	Upper
146	100		
111	42.3	29.0	53.9
148	65.8	43.3	80.3

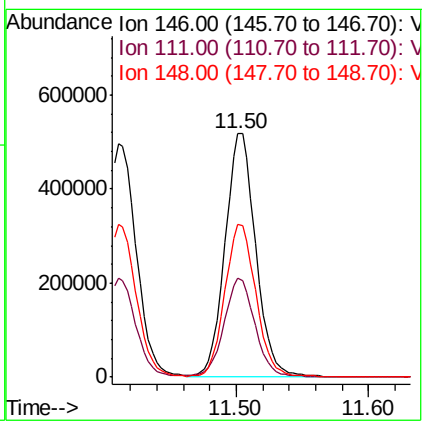


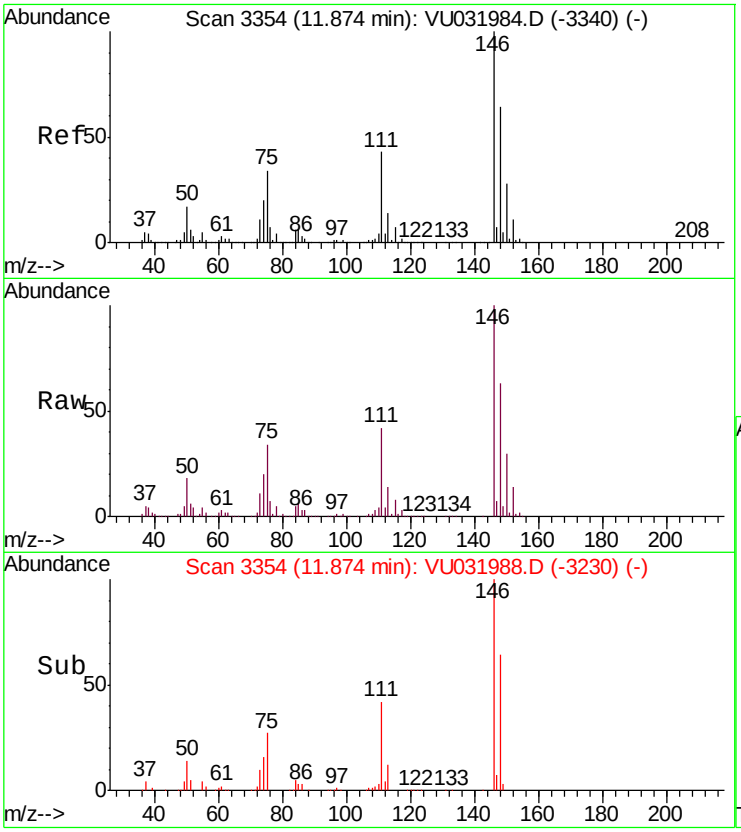


#63
1,4-Dichlorobenzene
Concen: 47.907 ug/L
RT: 11.50 min Scan# 3238
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:146 Resp: 827978

Ion	Ratio	Lower	Upper
146	100		
111	40.7	27.9	51.7
148	62.6	44.7	83.1



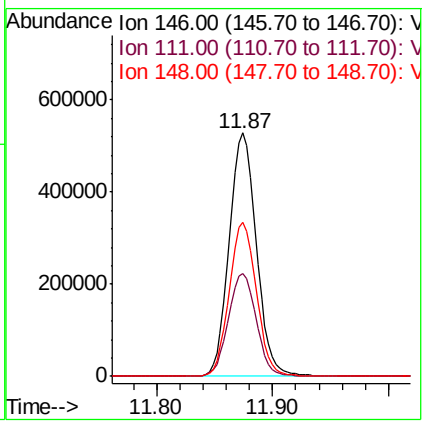


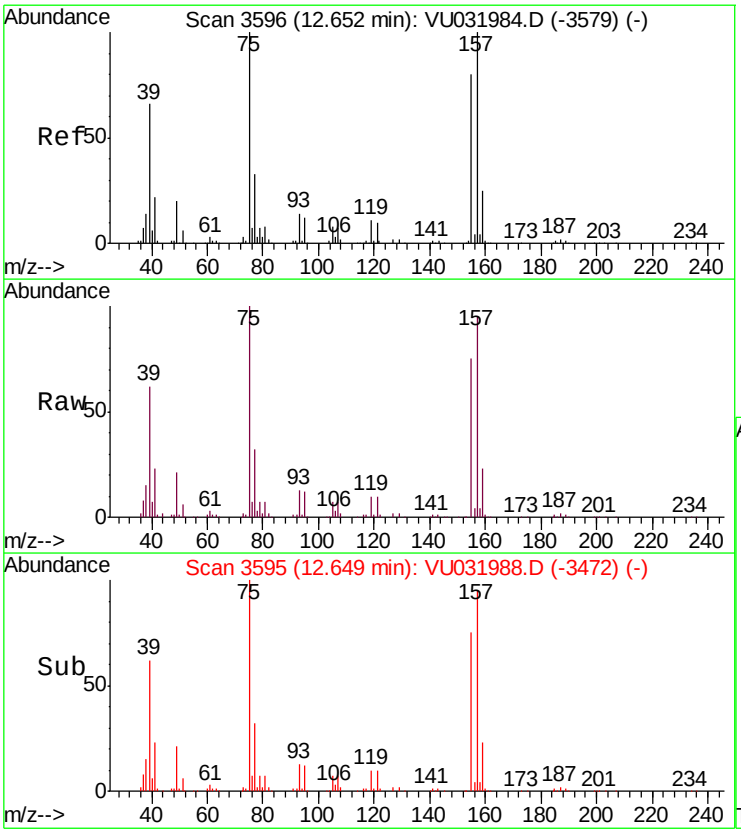
#65
1,2-Dichlorobenzene
Concen: 49.122 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument : MSVOA_U
ClientSampleId : VSTD05044

Tgt Ion:146 Resp: 850545

Ion	Ratio	Lower	Upper
146	100		
111	42.5	34.8	52.2
148	63.3	51.4	77.0

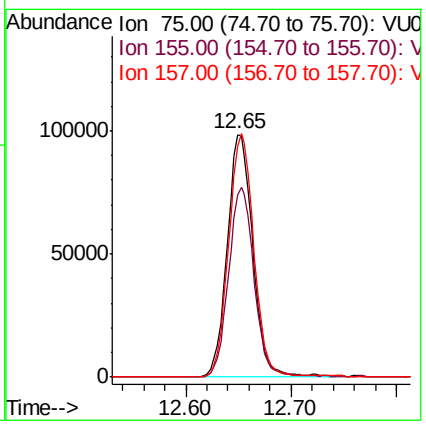


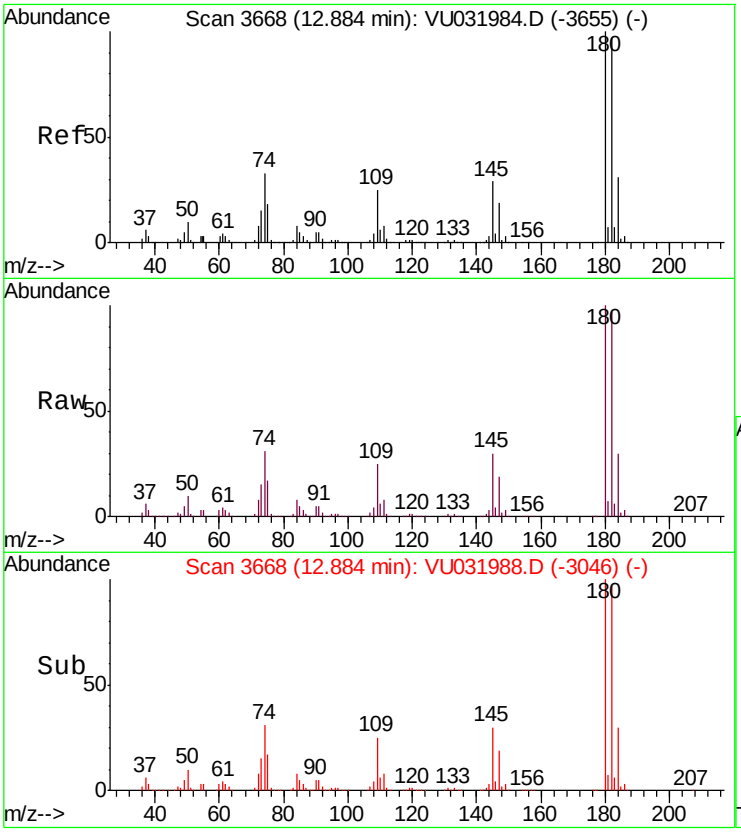


#66
1,2-Dibromo-3-chloropropane
Concen: 49.288 ug/L
RT: 12.65 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion: 75 Resp: 164869

Ion	Ratio	Lower	Upper
75	100		
155	74.9	63.8	95.8
157	94.9	80.2	120.2



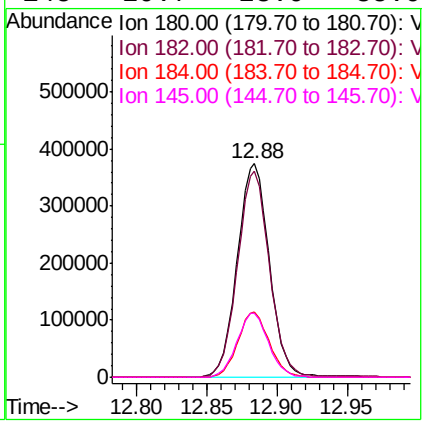


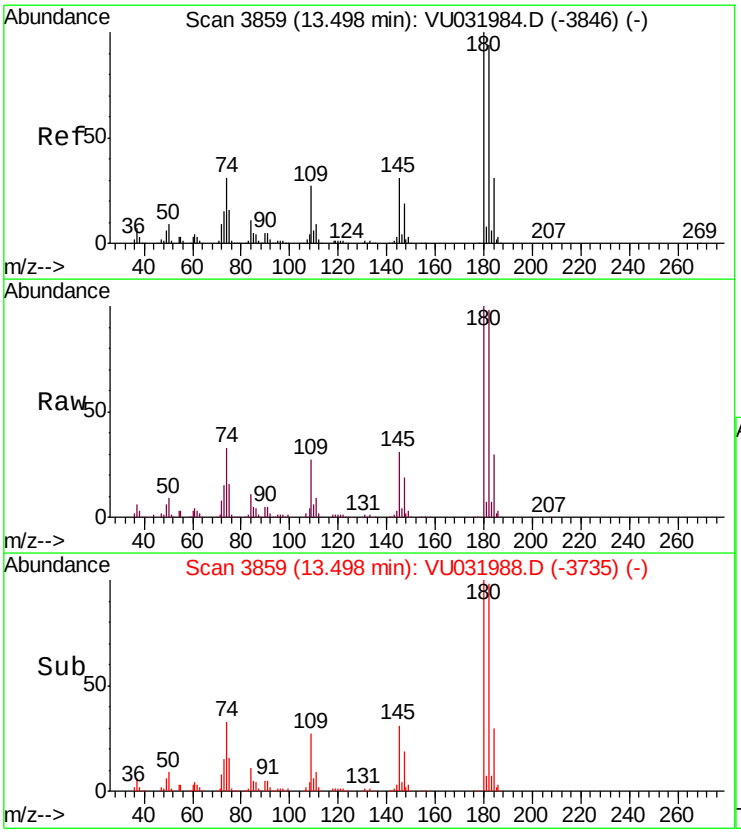
#67
1,3,5-Trichlorobenzene
Concen: 50.906 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:180 Resp: 596505

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
184	29.9	24.7	37.1
145	29.7	23.9	35.9

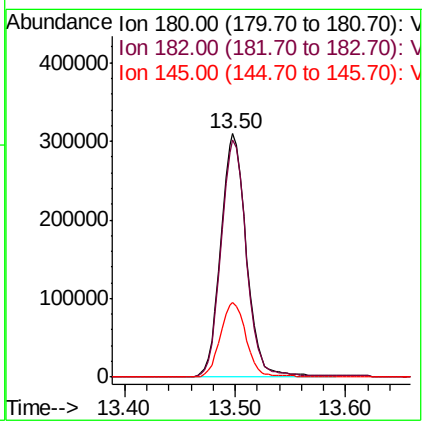


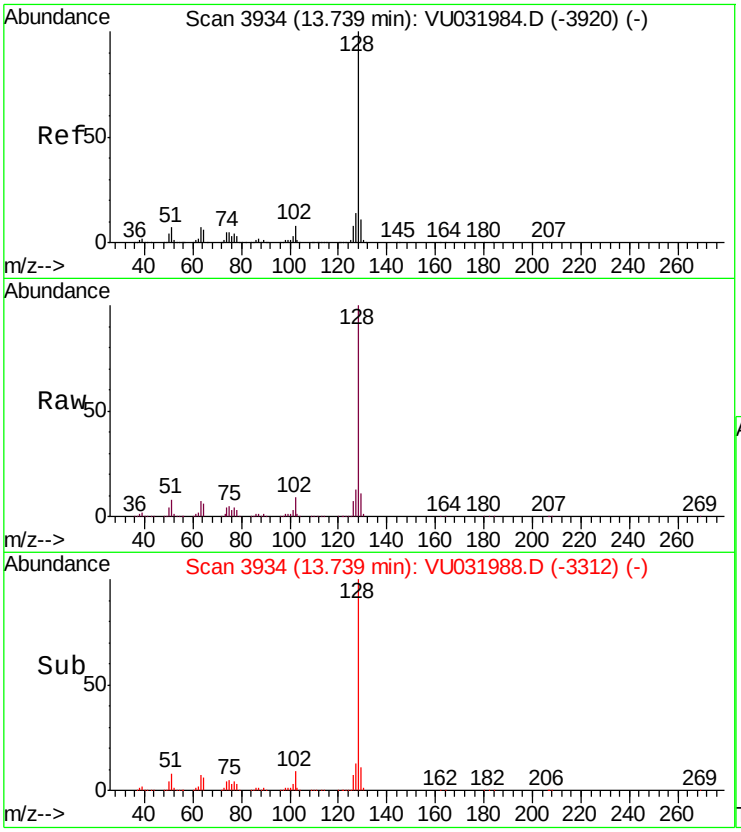


#68
1,2,4-trichlorobenzene
Concen: 55.523 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:180 Resp: 501115

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.1	114.1
145	30.5	24.0	36.0



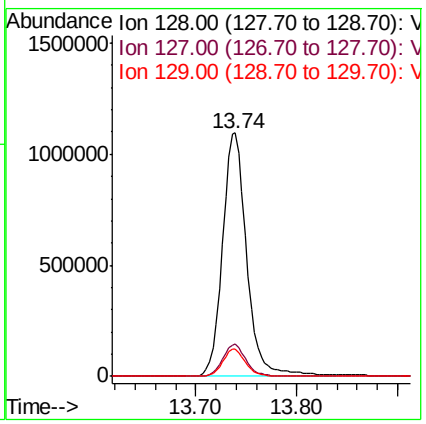


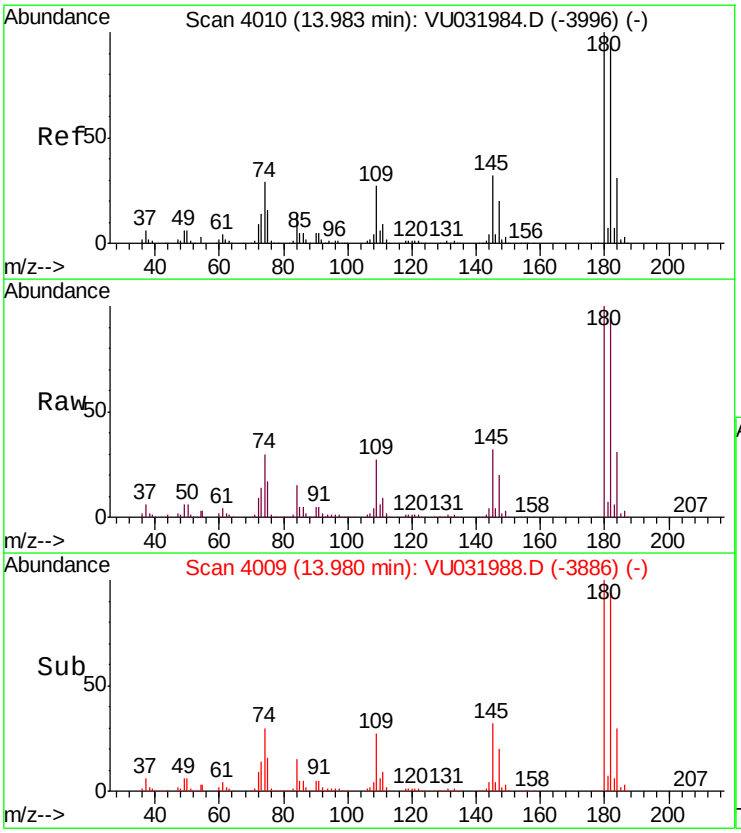
#69
Naphthalene
Concen: 61.315 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD05044

Tgt Ion:128 Resp: 1842540

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.7	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 55.398 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. -0.00 min
Lab File: VU031988.D
Acq: 14 May 2019 12:42

Tgt Ion:180 Resp: 544279

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	32.6	25.5	38.3