Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\

Quantitation Report (Not Reviewed)

Data File : VU030098.D
Acq On : 15 Mar 2019 10:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Quant Time: Mar 16 00:01:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	546585	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	528492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	281237	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	164151	45.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.80%			
7) Chloroethane-d5	1.68	69	134745	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.34%			
11) 1,1-Dichloroethene-d2	2.27	63	293227	44.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.86%			
21) 2-Butanone-d5	4.17	46	249350	92.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.05%			
24) Chloroform-d	4.64	84	303652	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.64%			
26) 1,2-Dichloroethane-d4	5.31	65	174141	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.96%			
32) Benzene-d6	5.34	84	638621	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.88%			
36) 1,2-Dichloropropane-d6	6.33	67	195419	46.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.88%			
41) Toluene-d8	7.56	98	594079	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
43) trans-1,3-Dichloropropene-	7.85	79	96380	47.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.58%			
47) 2-Hexanone-d5	8.31	63	211846	90.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297466	46.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	249143	45.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	156397	45.285	ug/L	99
3) Chloromethane	1.33	50	164033	43.051	ug/L	98
5) Vinyl chloride	1.40	62	184998	44.292	ug/L	100
6) Bromomethane	1.62	94	93392	36.095	ug/L	98
8) Chloroethane	1.70	64	115375	42.146	ug/L	94
9) Trichlorofluoromethane	1.88	101	257615	45.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	170029	47.350	ug/L	97
12) 1,1-Dichloroethene	2.28	96	154306	45.041	ug/L	95
13) Acetone	2.32	43	249926	78.912	ug/L	99
14) Carbon disulfide	2.48	76	463353	43.638	ug/L	100
15) Methyl Acetate	2.61	43	185627	45.365	ug/L	98
16) Methylene chloride	2.70	84	182190	45.038	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	169875	45.533	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	514915	46.535	ug/L	99
19) 1,1-Dichloroethane	3.44	63	301336	47.042	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	195020	45.917	ug/L	98
22) 2-Butanone	4.26	43	304665	84.497	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\

Quantitation Report (Not Reviewed)

Data File : VU030098.D
Acq On : 15 Mar 2019 10:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Quant Time: Mar 16 00:01:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	100425	45.646	ug/L	99
25) Chloroform	4.67	83	316590	47.090	ug/L	98
27) 1,2-Dichloroethane	5.40	62	224903	46.529	ug/L	98
29) Cyclohexane	4.99	56	266879	45.785	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	266574	46.204	ug/L	99
31) Carbon tetrachloride	5.13	117	234930	46.113	ug/L	99
33) Benzene	5.39	78	707086	46.756	ug/L	100
34) Trichloroethene	6.18	95	185482	46.797	ug/L	100
35) Methylcyclohexane	6.41	83	302953	47.135	ug/L	100
37) 1,2-Dichloropropane	6.43	63	187288	47.082	ug/L	99
38) Bromodichloromethane	6.75	83	240087	48.535	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	297635	48.080	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	492145	91.628	ug/L	99
42) Toluene	7.63	91	774285	47.091	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	271886	48.103	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	189234	47.568	ug/L	98
46) Tetrachloroethene	8.22	164	162582	46.872	ug/L	97
48) 2-Hexanone	8.36	43	406689	88.754	ug/L	98
49) Dibromochloromethane	8.47	129	212769	47.870	ug/L	99
50) 1,2-Dibromoethane	8.58	107	204888	46.725	ug/L	98
51) Chlorobenzene	9.12	112	515581	46.511	ug/L	99
52) Ethylbenzene	9.25	91	848140	46.856	ug/L	99
53) m,p-Xylene	9.37	106	333460	47.615	ug/L	98
54) o-xylene	9.77	106	325800	47.363	ug/L	99
55) Styrene	9.79	104	570744	48.729	ug/L	99
56) Isopropylbenzene	10.16	105	858838	47.691	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	318205	46.603	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	239562	46.242	ug/L	100
61) Bromoform	9.95	173	170764	48.780	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	423401	46.618	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	438559	47.487	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	429568	46.988	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	67547	45.467	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	339227	48.121	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	311974	48.380	ug/L	99
69) Naphthalene	13.74	128	973831	46.482	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	319040	47.626	ug/L	99

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

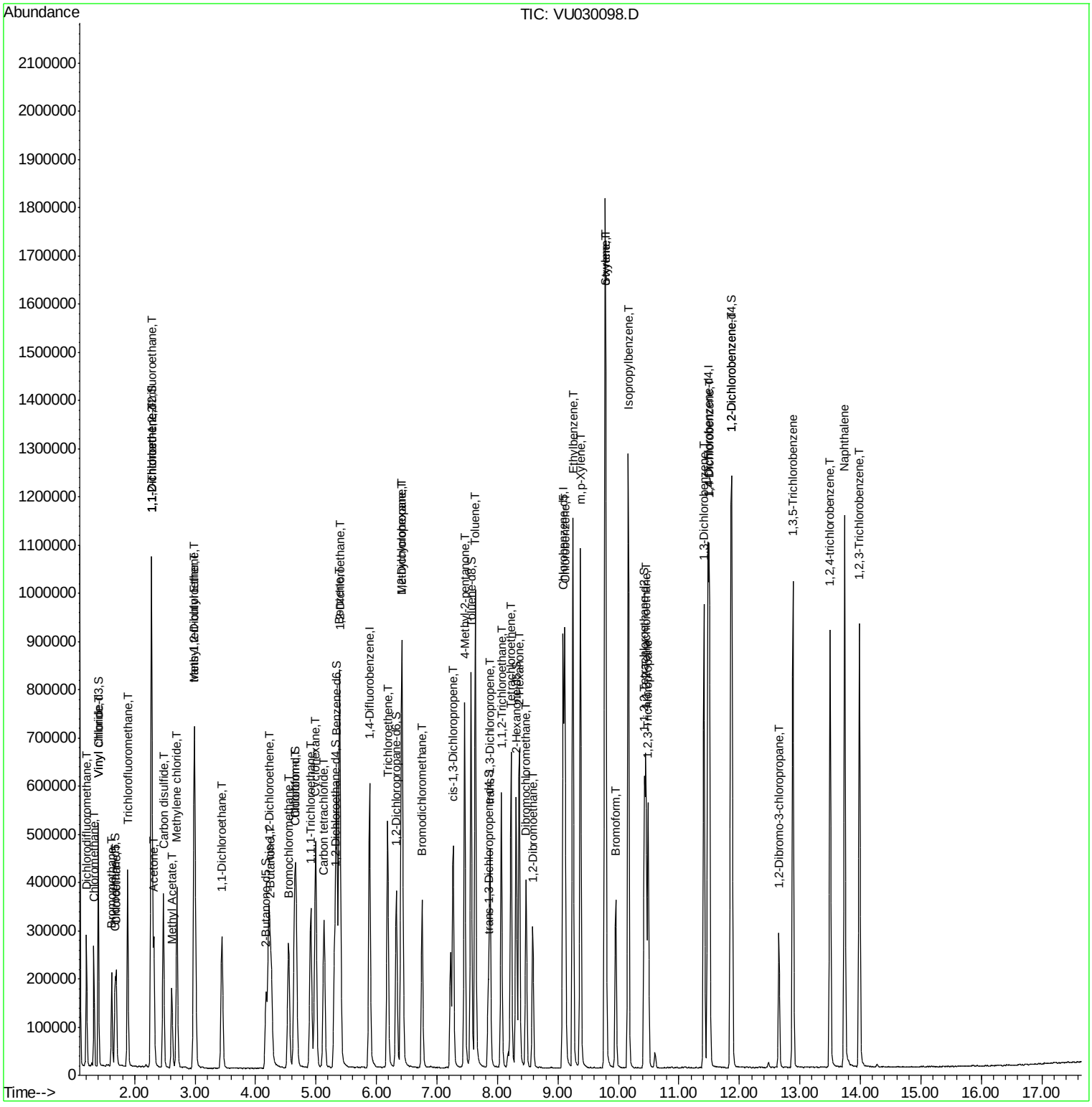
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031619\

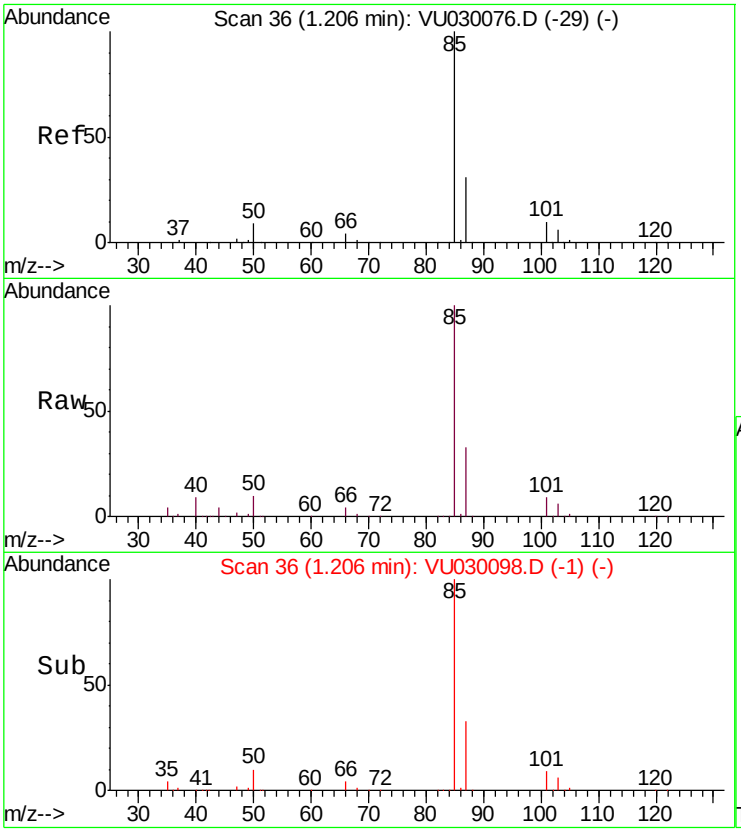
Quantitation Report (Not Reviewed)

Data File : VU030098.D
Acq On : 15 Mar 2019 10:07
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Quant Time: Mar 16 00:01:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration



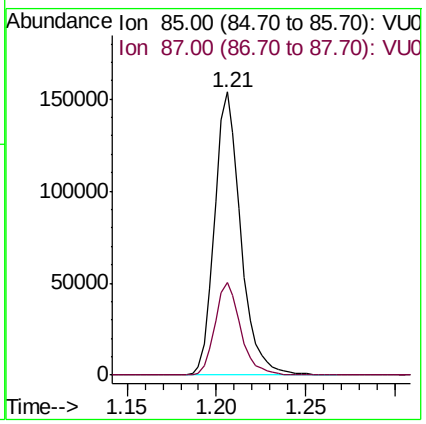


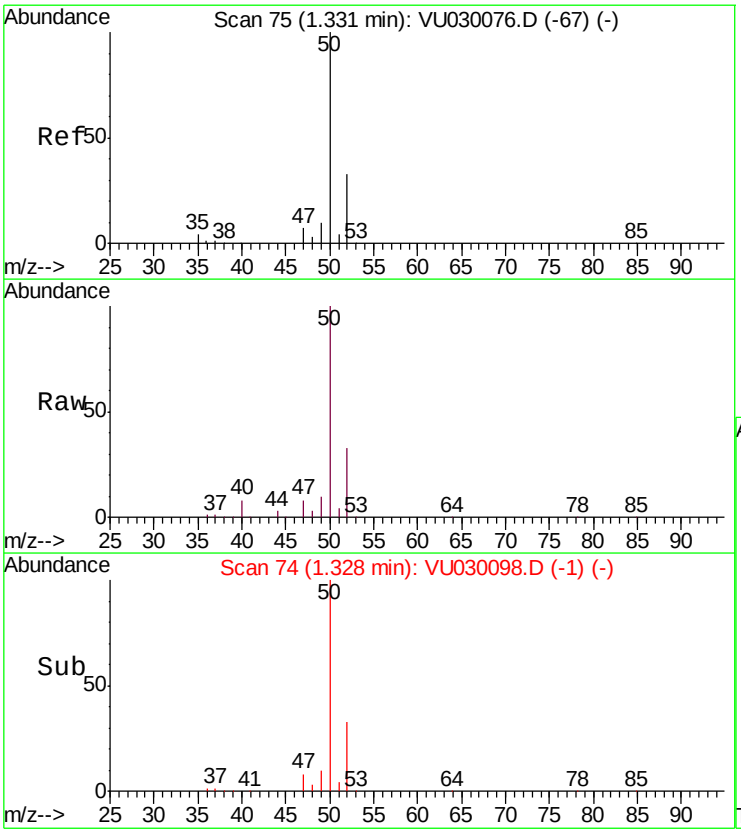
#2
Dichlorodifluoromethane
Concen: 45.285 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 85 Resp: 156397

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.4	39.6

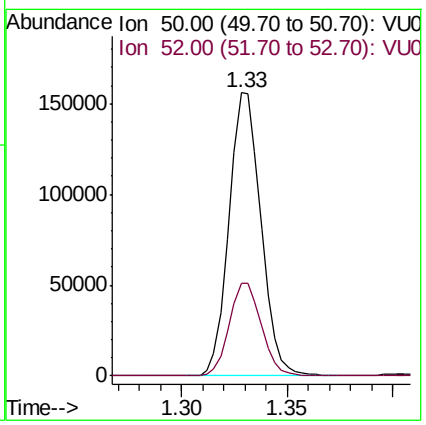


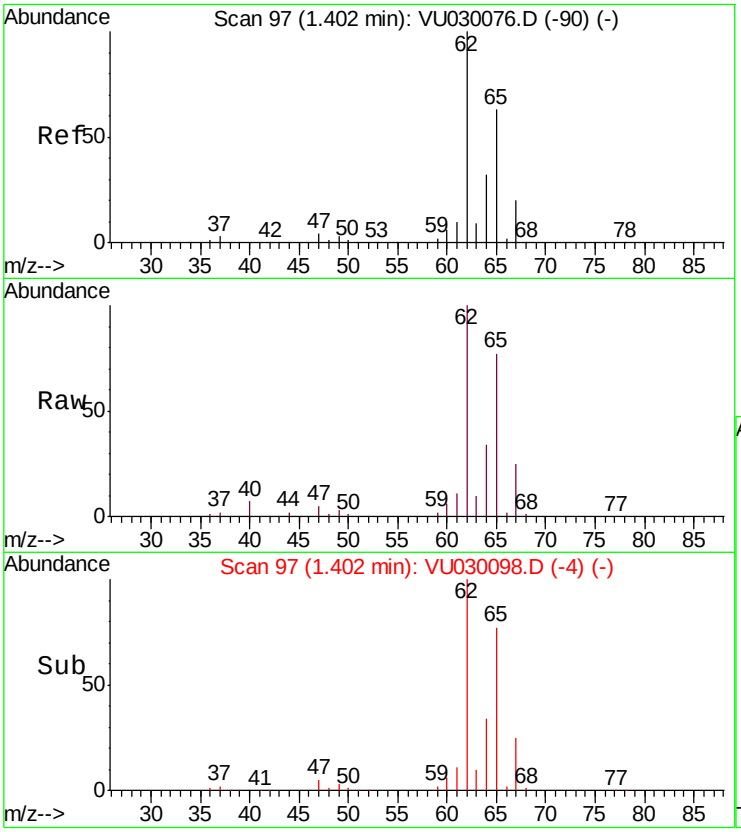


#3
Chloromethane
Concen: 43.051 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 50 Resp: 164033

Ion	Ratio	Lower	Upper
50	100		
52	32.6	23.4	43.6



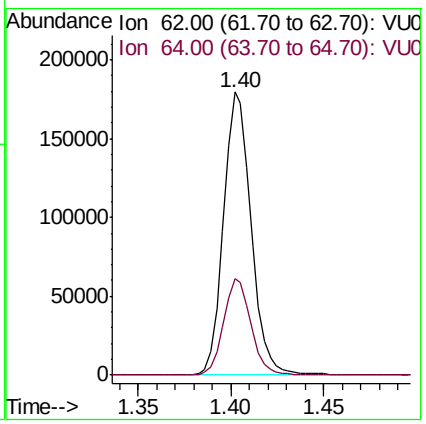


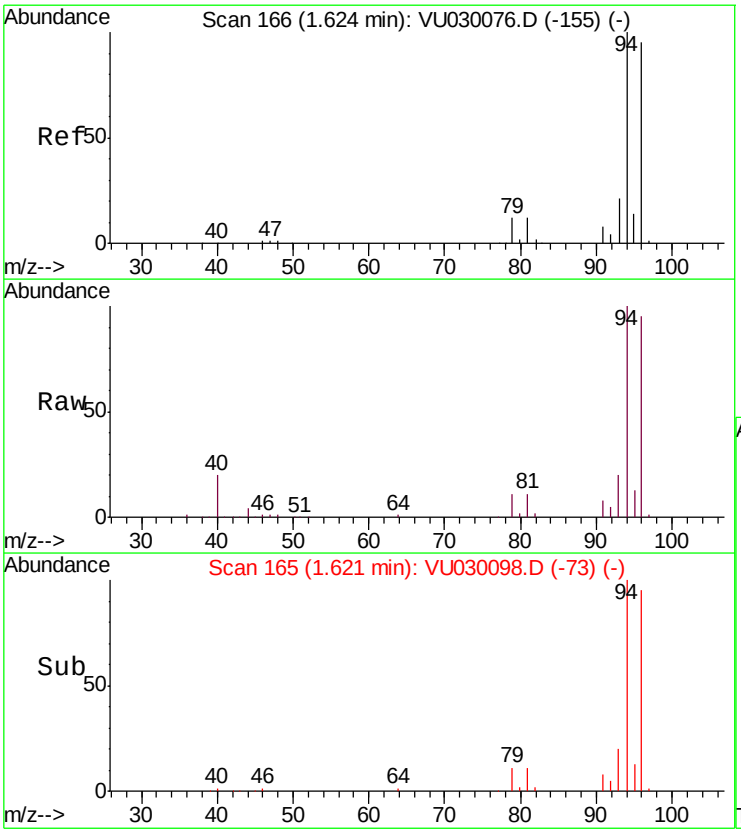
#5
Vinyl chloride
Concen: 44.292 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 62 Resp: 184998

Ion	Ratio	Lower	Upper
62	100		
64	34.0	23.6	43.8

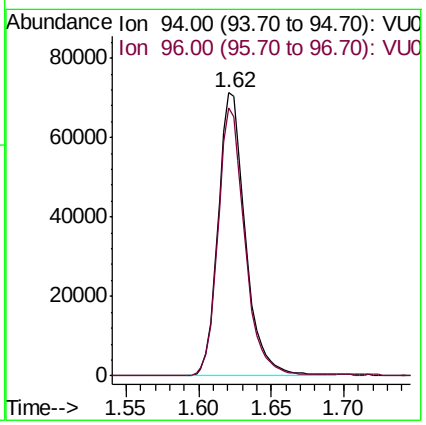


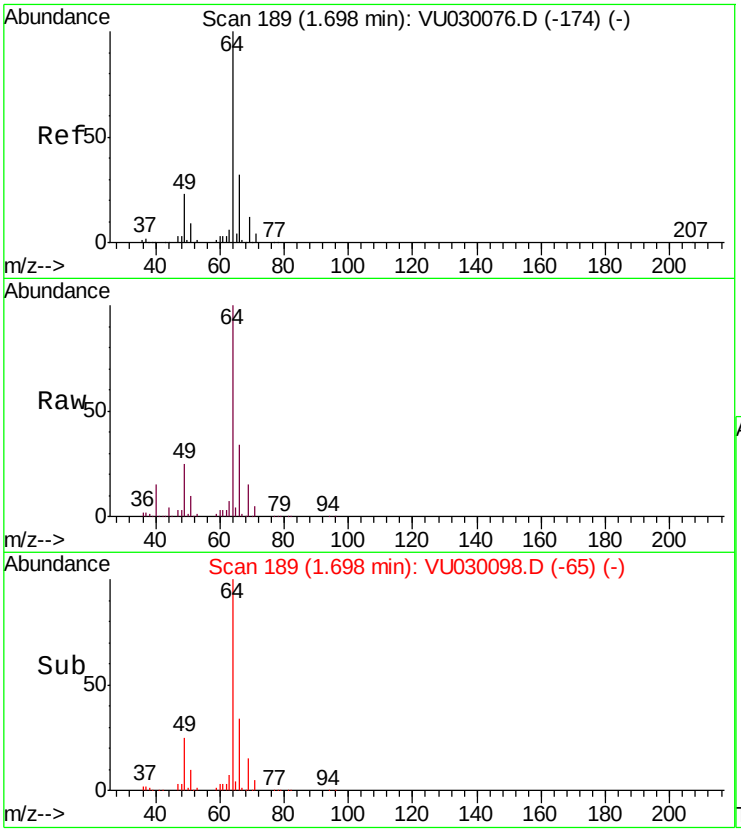


#6
Bromomethane
Concen: 36.095 ug/L
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 94 Resp: 93392

Ion	Ratio	Lower	Upper
94	100		
96	94.5	65.0	120.6



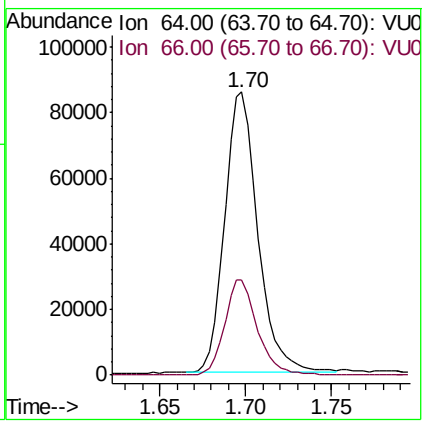


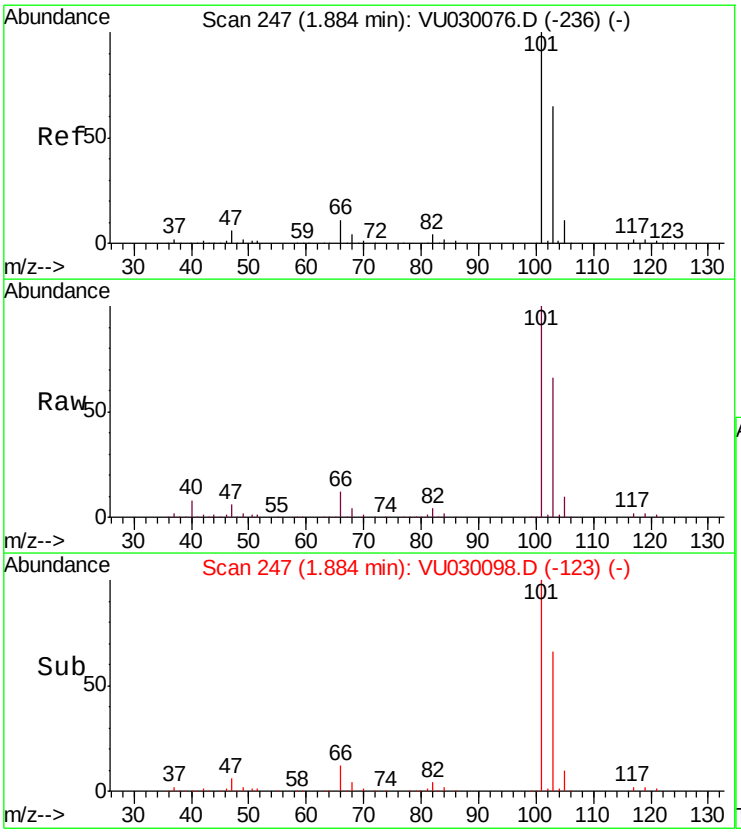
#8
Chloroethane
Concen: 42.146 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 64 Resp: 115375

Ion	Ratio	Lower	Upper
64	100		
66	33.7	21.3	39.6

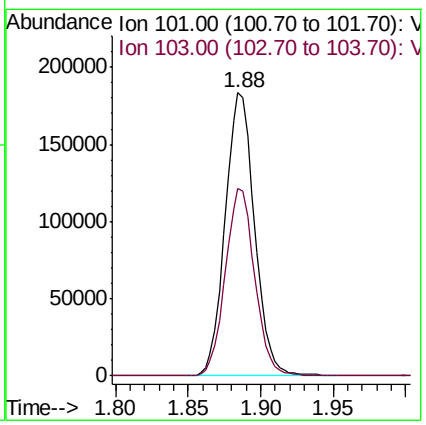


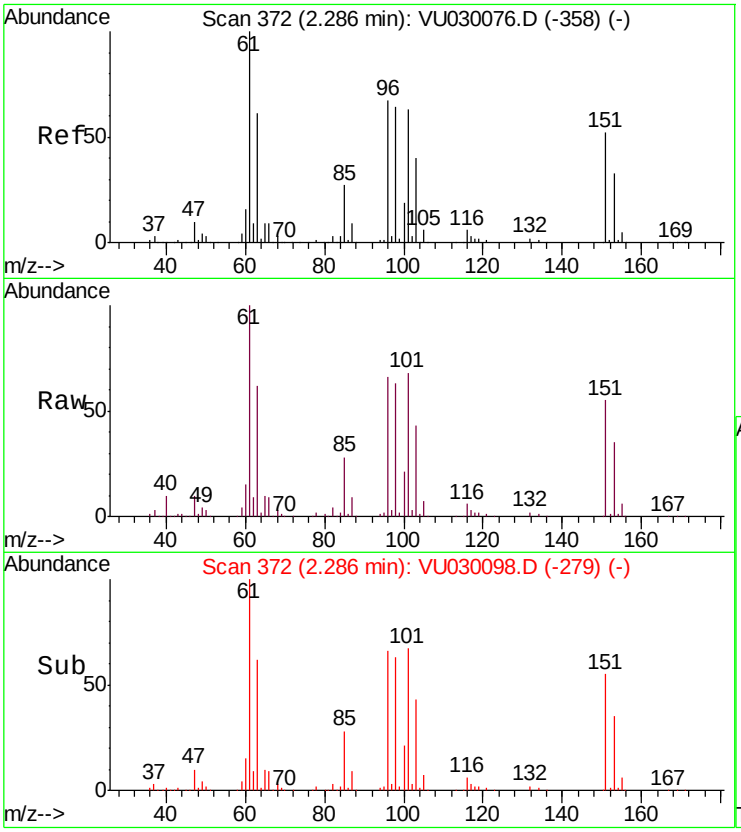


#9
Trichlorofluoromethane
Concen: 45.990 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:101 Resp: 257615

Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.5	78.7



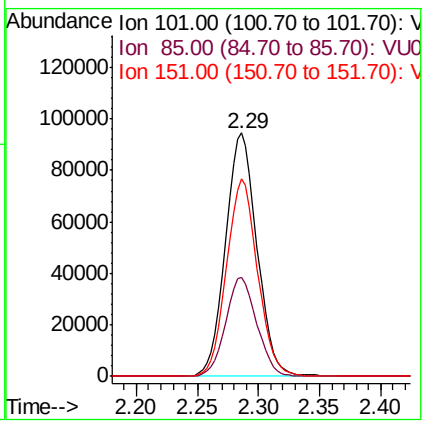


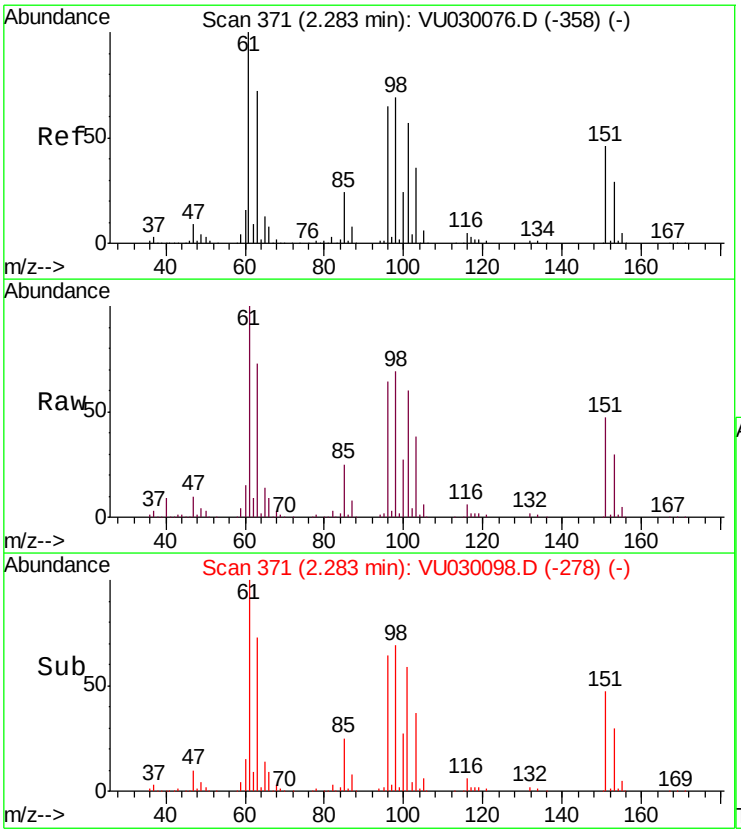
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.350 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:101 Resp: 170029

Ion	Ratio	Lower	Upper
101	100		
85	40.1	33.0	49.4
151	80.0	66.1	99.1

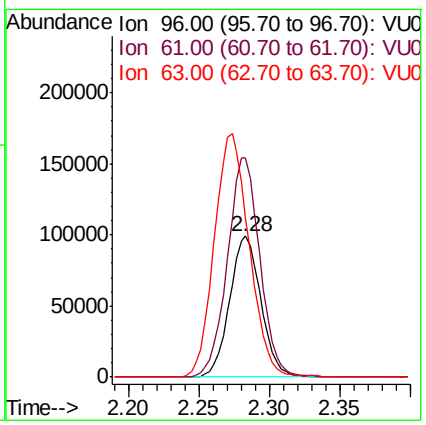


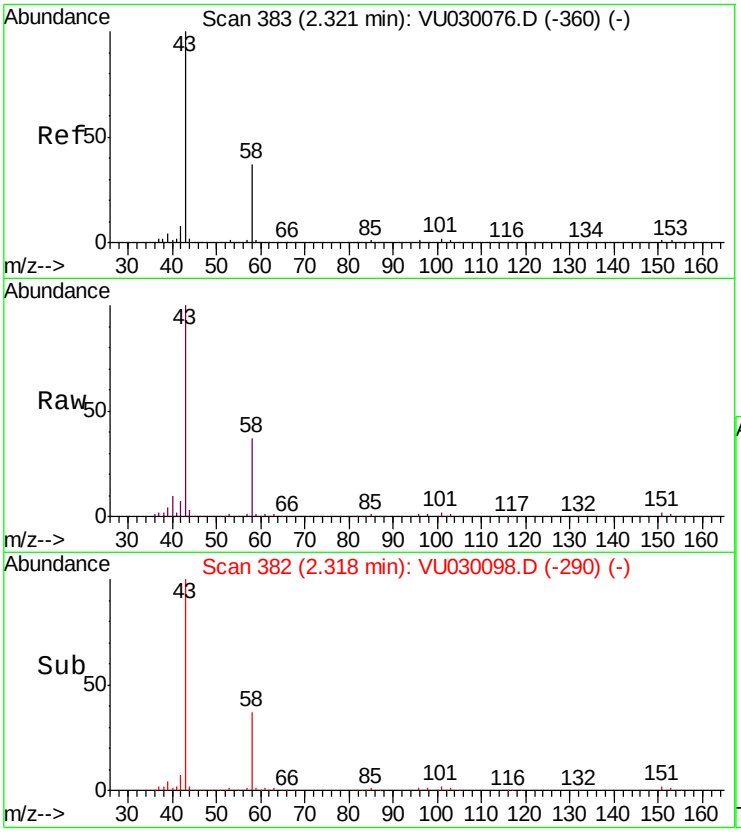


#12
1,1-Dichloroethene
Concen: 45.041 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 96 Resp: 154306

Ion	Ratio	Lower	Upper
96	100		
61	155.9	110.4	205.0
63	113.3	86.5	160.7



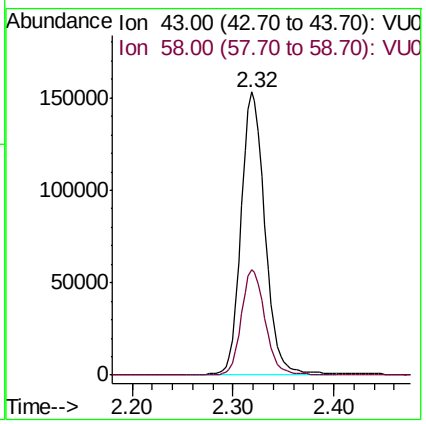


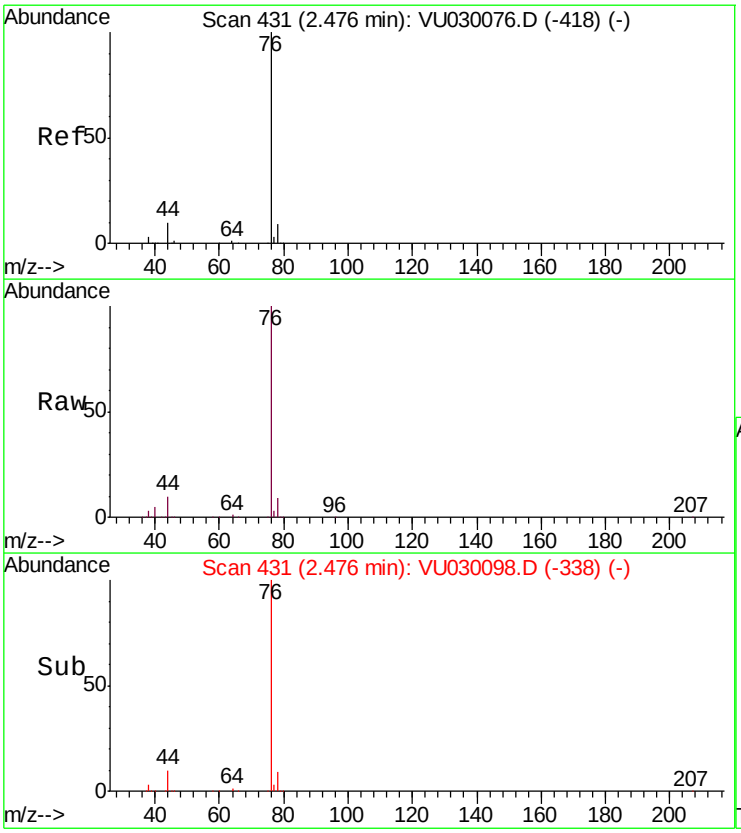
#13
Acetone
Concen: 78.912 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 43 Resp: 249926

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	73.0

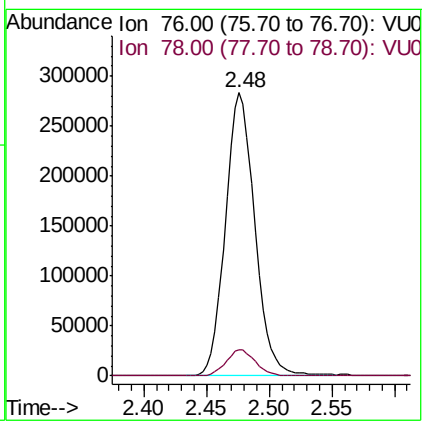


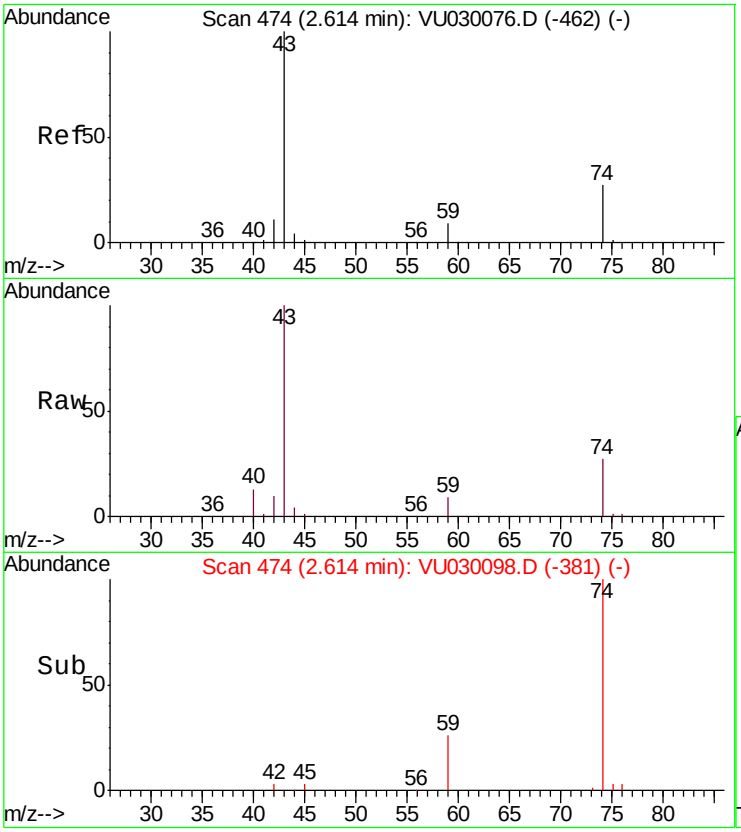


#14
Carbon disulfide
Concen: 43.638 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 76 Resp: 463353

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9



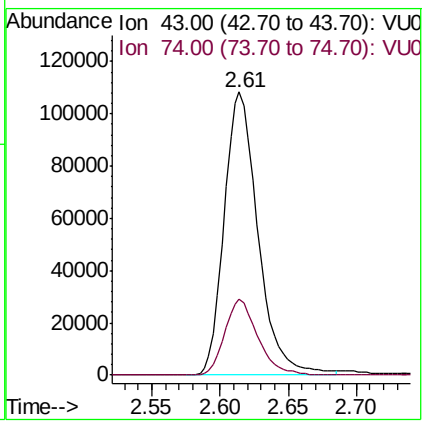


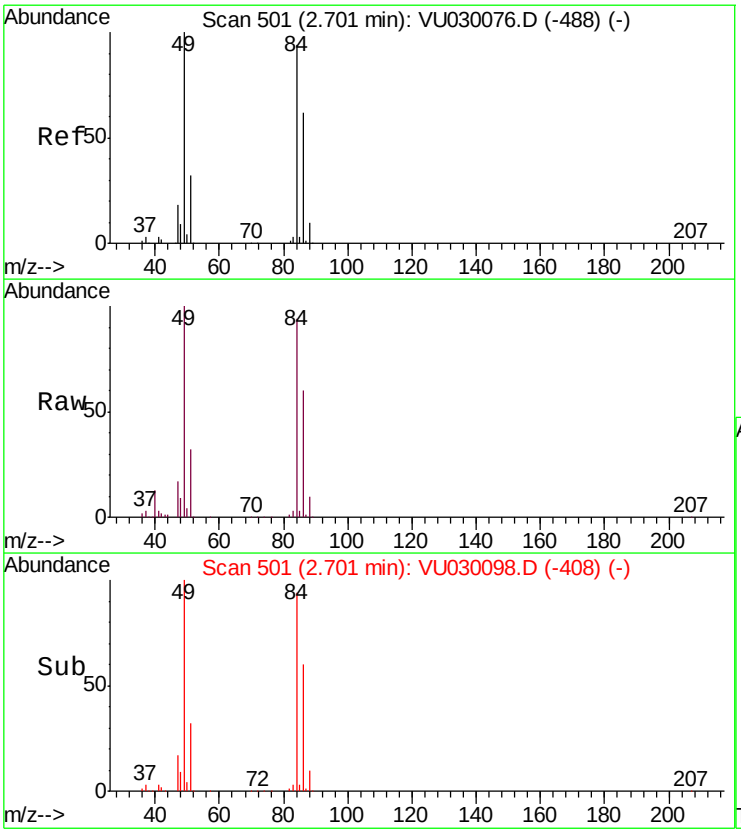
#15
Methyl Acetate
Concen: 45.365 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 43 Resp: 185627

Ion	Ratio	Lower	Upper
43	100		
74	26.3	21.9	32.9

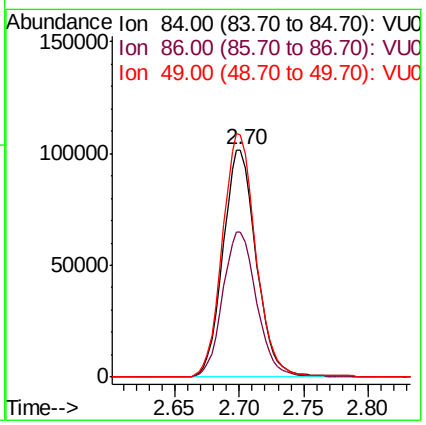


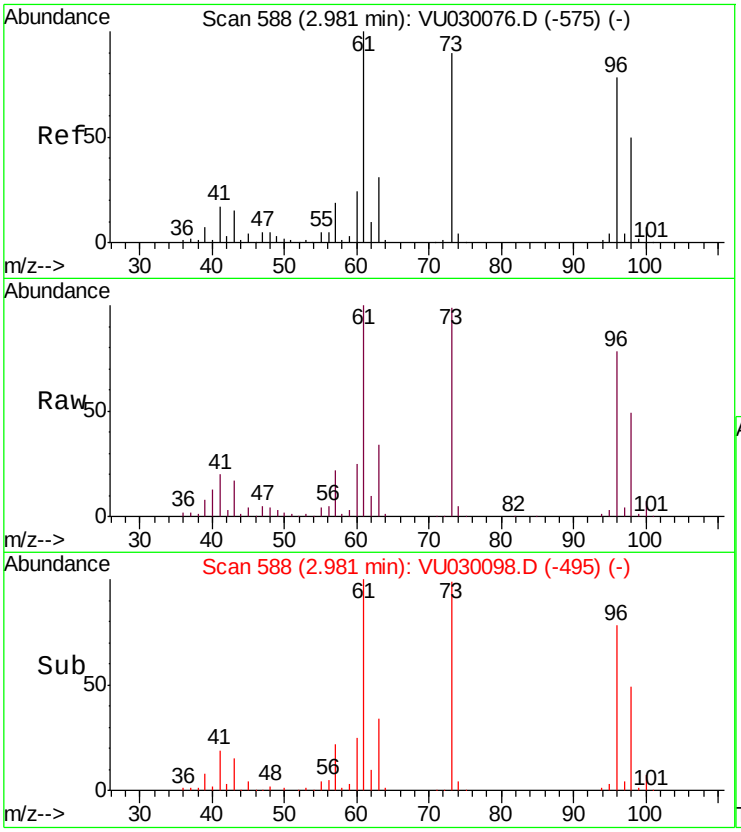


#16
Methylene chloride
Concen: 45.038 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 84 Resp: 182190

Ion	Ratio	Lower	Upper
84	100		
86	64.0	45.2	84.0
49	106.8	73.6	136.6



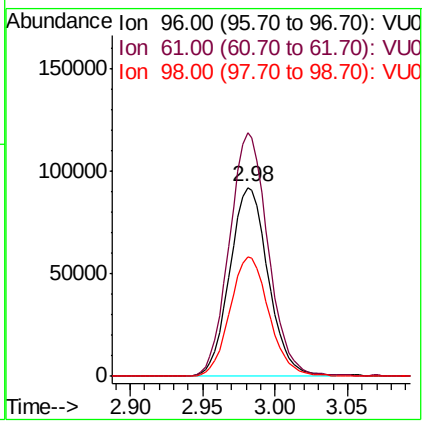


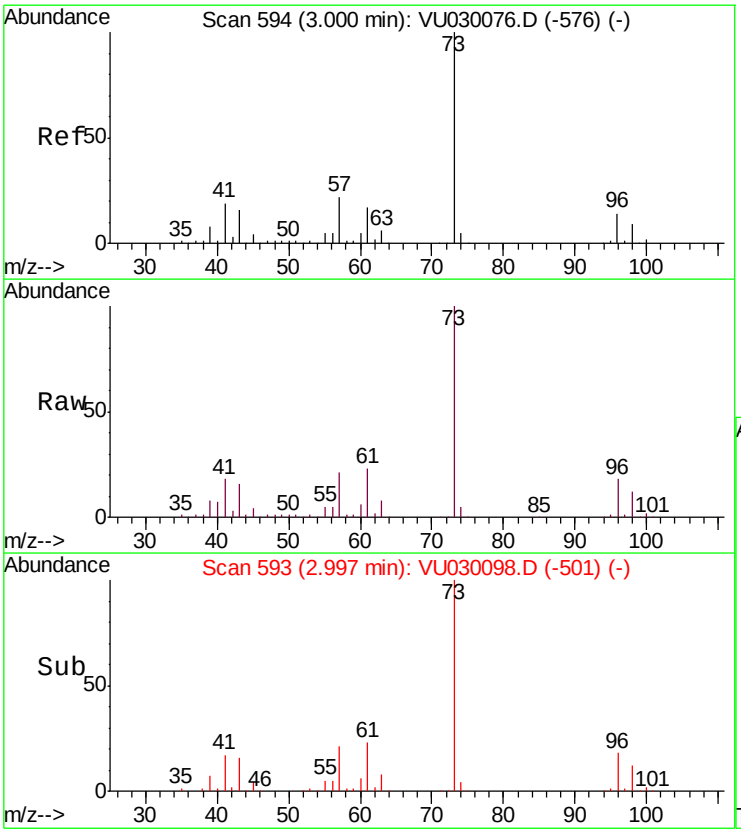
#17
trans-1,2-Dichloroethene
Concen: 45.533 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 96 Resp: 169875

Ion	Ratio	Lower	Upper
96	100		
61	128.8	89.4	166.0
98	63.2	43.3	80.5

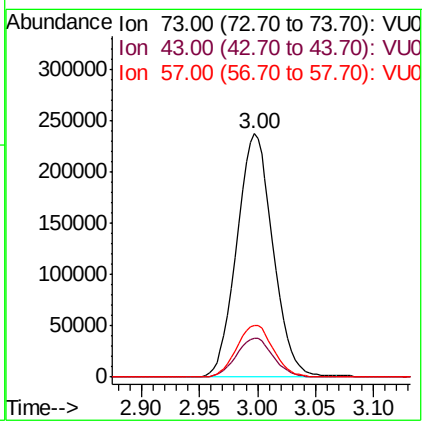


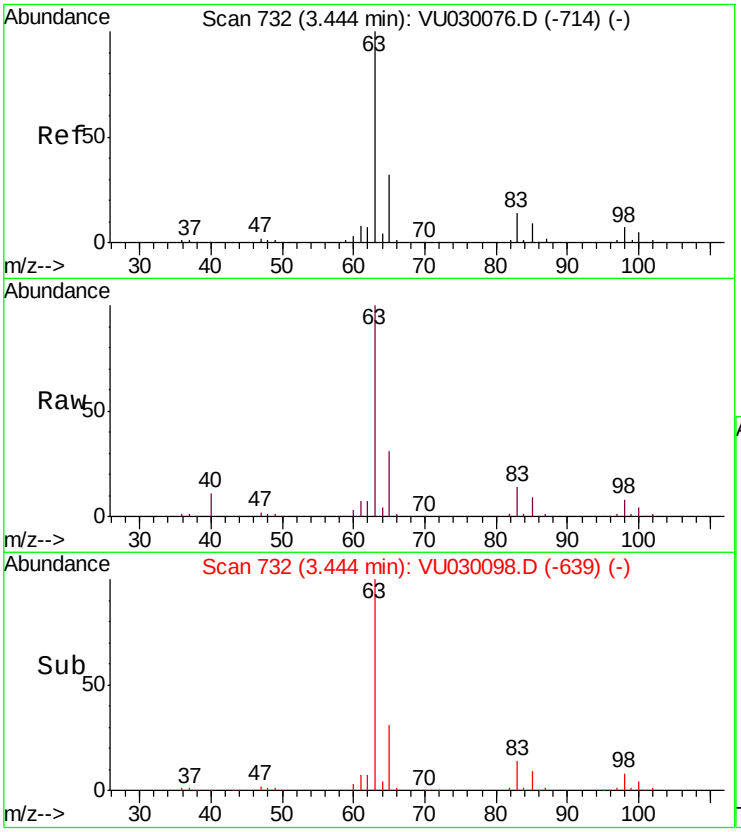


#18
Methyl tert-butyl Ether
Concen: 46.535 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 73 Resp: 514915

Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.1	19.7
57	21.6	17.1	25.7



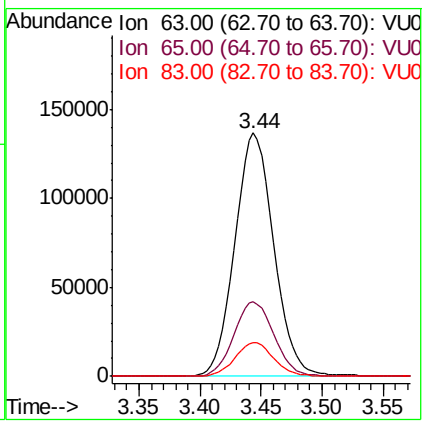


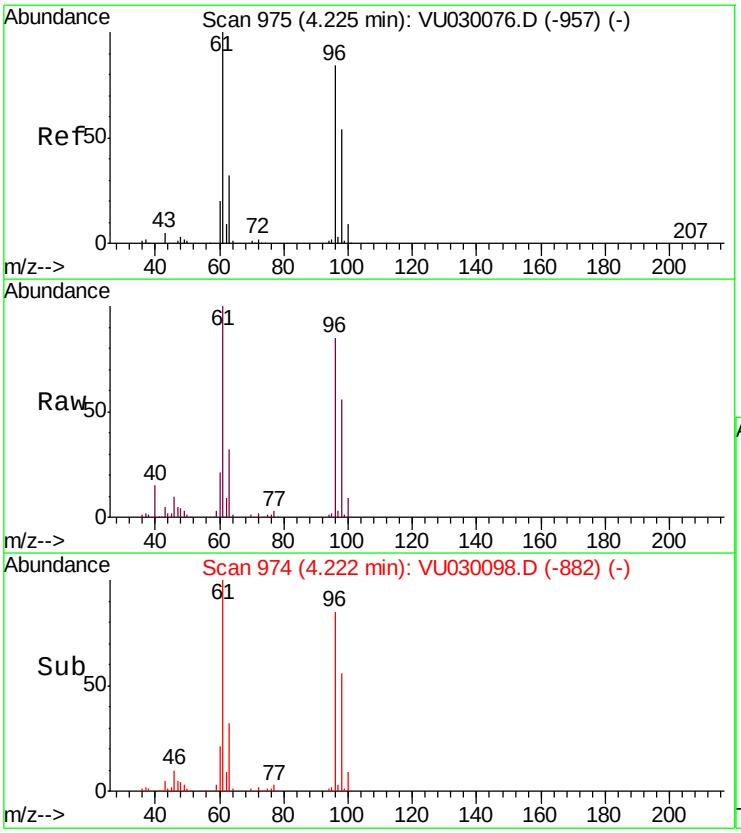
#19
1,1-Dichloroethane
Concen: 47.042 ug/L
RT: 3.44 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 63 Resp: 301336

Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.0	41.0
83	13.9	9.7	18.1

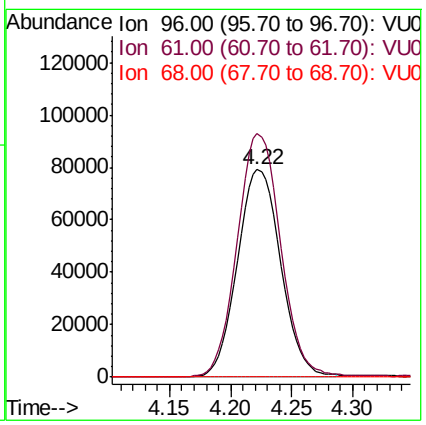


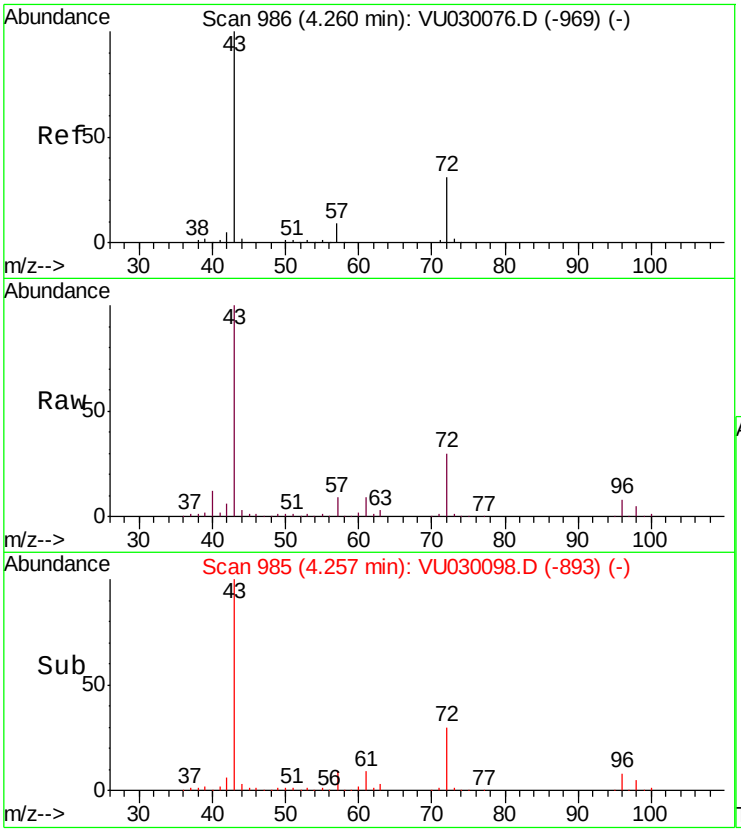


#20
cis-1,2-Dichloroethene
Concen: 45.917 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 96 Resp: 195020

Ion	Ratio	Lower	Upper
96	100		
61	117.4	80.8	150.2
68	0.0	0.0	0.0



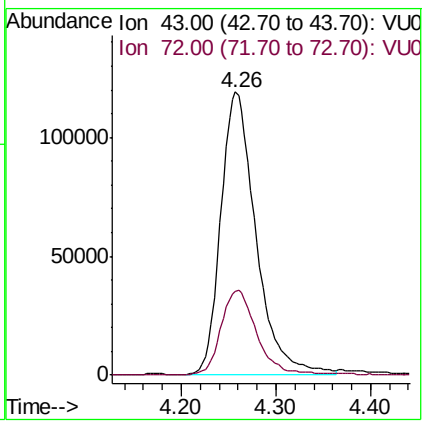


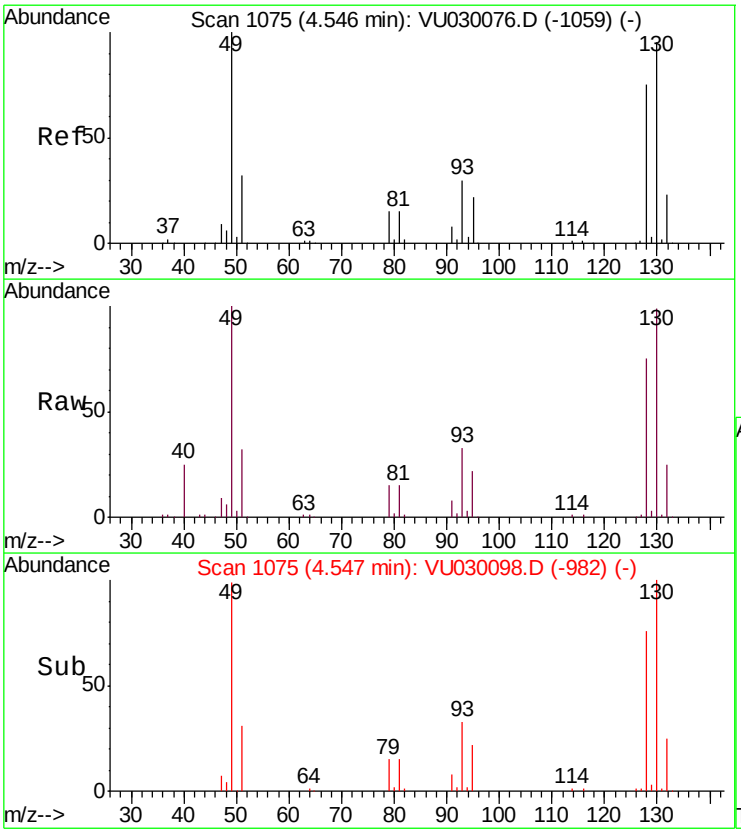
#22
2-Butanone
Concen: 84.497 ug/L
RT: 4.26 min Scan# 985
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 43 Resp: 304665

Ion	Ratio	Lower	Upper
43	100		
72	31.6	15.3	45.9

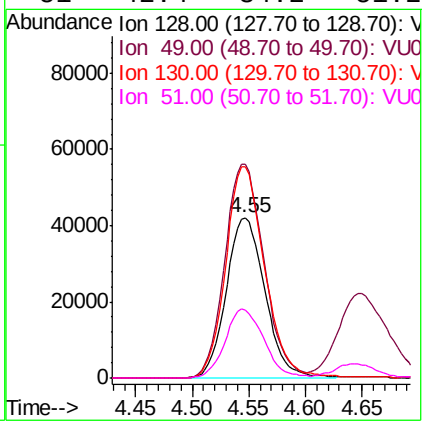


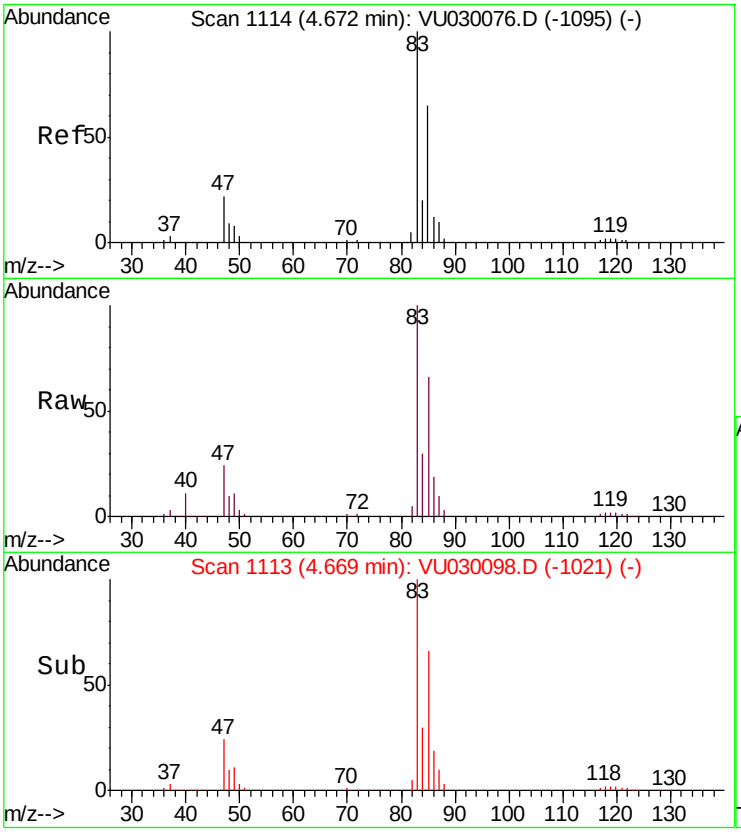


#23
Bromochloromethane
Concen: 45.646 ug/L
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:128 Resp: 100425

Ion	Ratio	Lower	Upper
128	100		
49	133.3	94.5	175.5
130	131.8	91.4	169.8
51	42.4	34.2	51.2



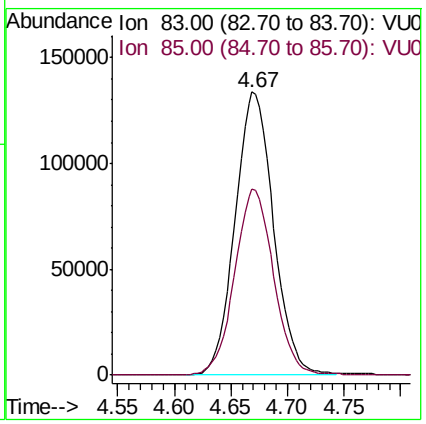


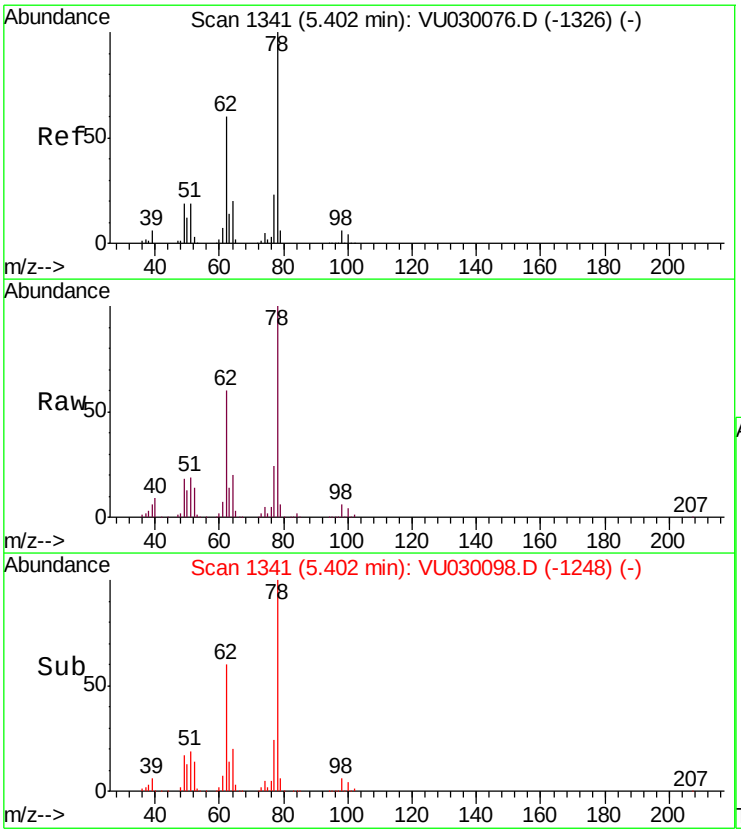
#25
Chloroform
Concen: 47.090 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 83 Resp: 316590

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.9	83.5

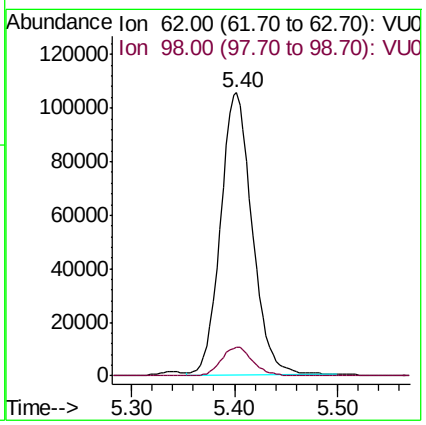


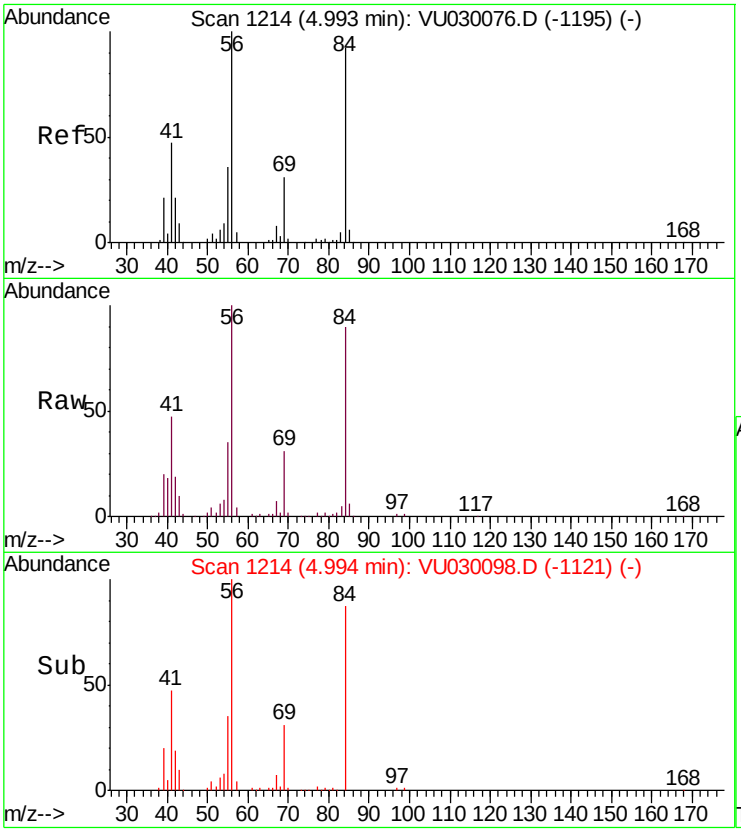


#27
1,2-Dichloroethane
Concen: 46.529 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 62 Resp: 224903

Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.8	13.2



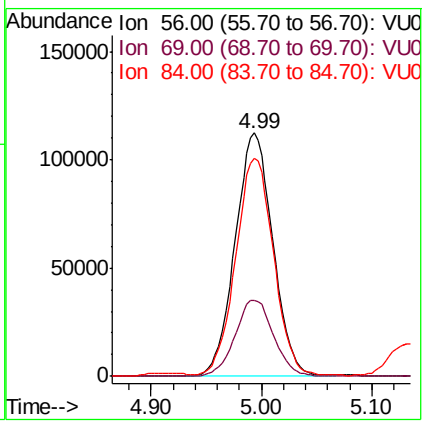


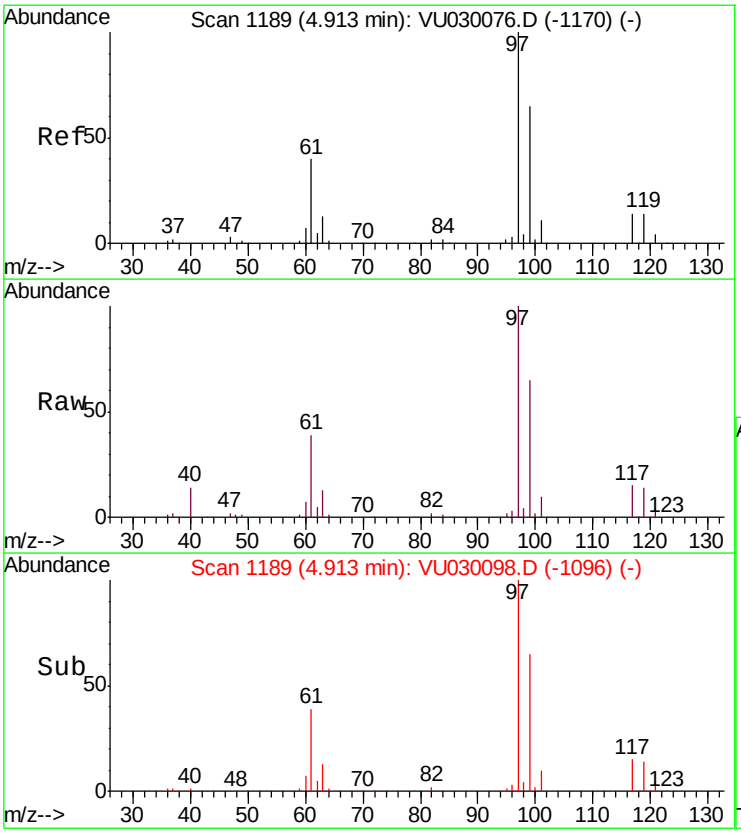
#29
Cyclohexane
Concen: 45.785 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 56 Resp: 266879

Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.3	37.9
84	89.3	73.5	110.3

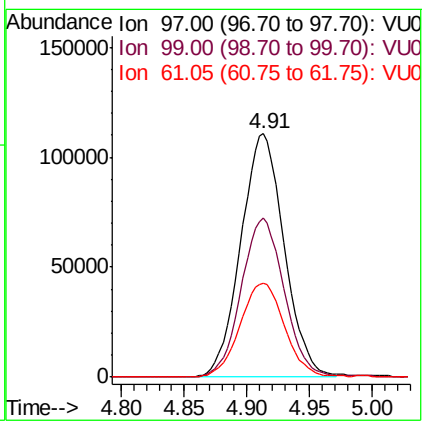


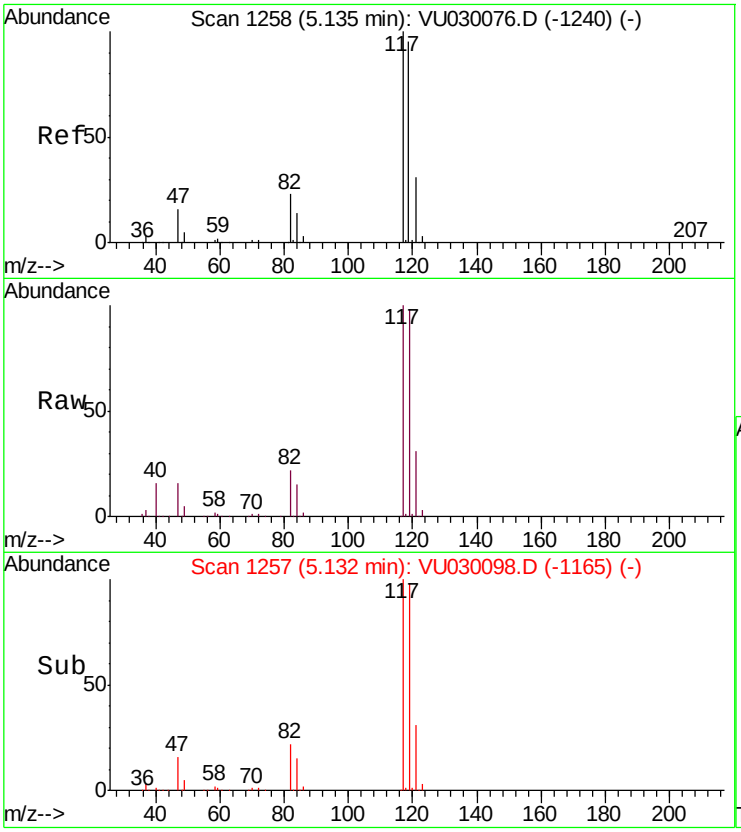


#30
1,1,1-Trichloroethane
Concen: 46.204 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 97 Resp: 266574

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	39.6	32.2	48.4



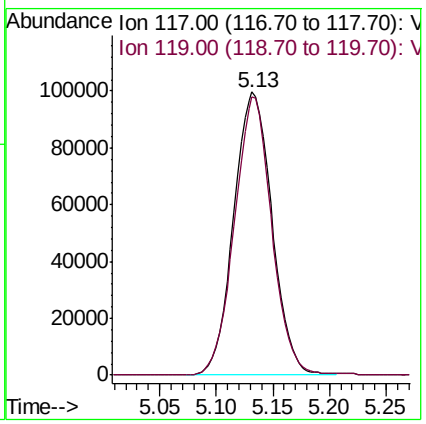


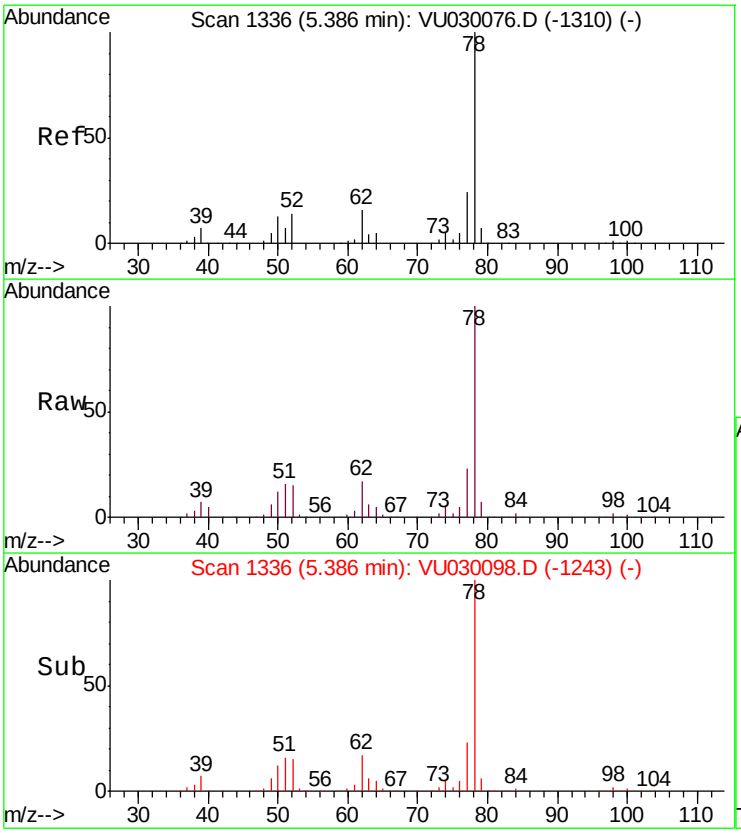
#31
Carbon tetrachloride
Concen: 46.113 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:117 Resp: 234930

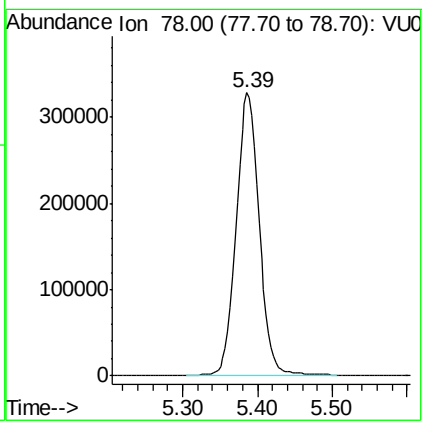
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9

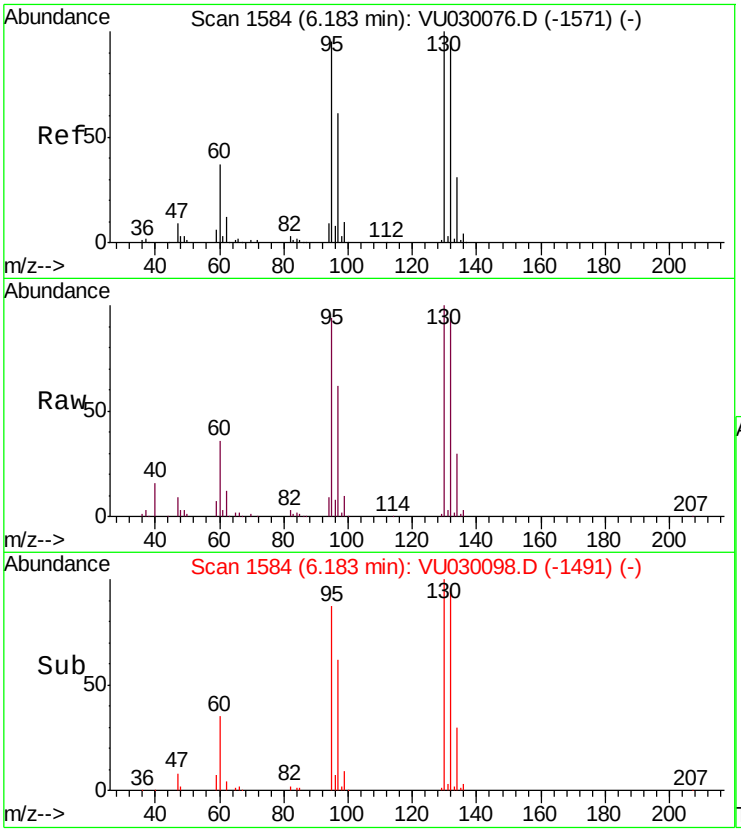




#33
Benzene
Concen: 46.756 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 78 Resp: 707086



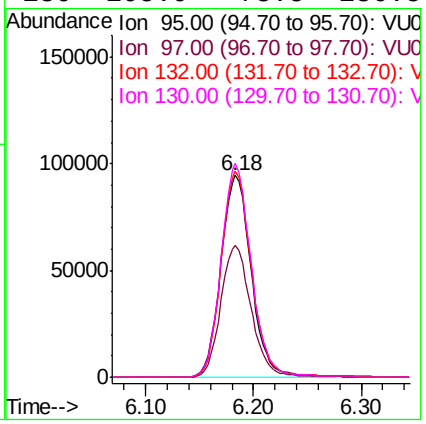


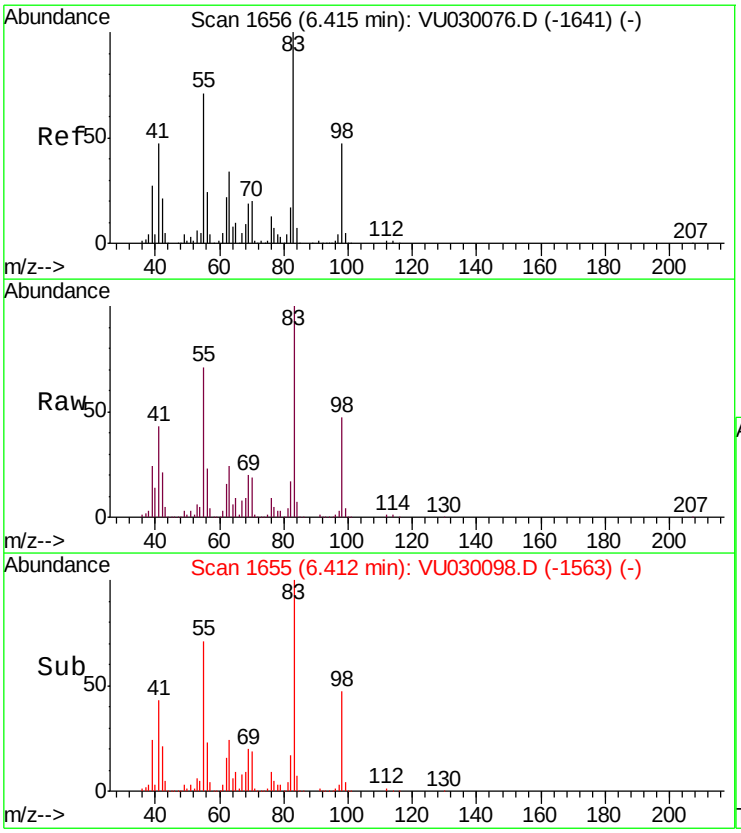
#34
Trichloroethene
Concen: 46.797 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 95 Resp: 185482

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.5	84.5
132	102.2	71.5	132.7
130	105.9	73.5	136.5

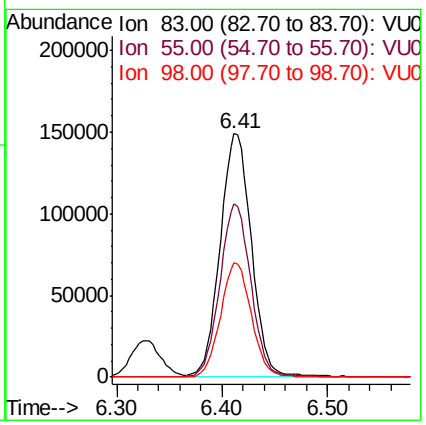


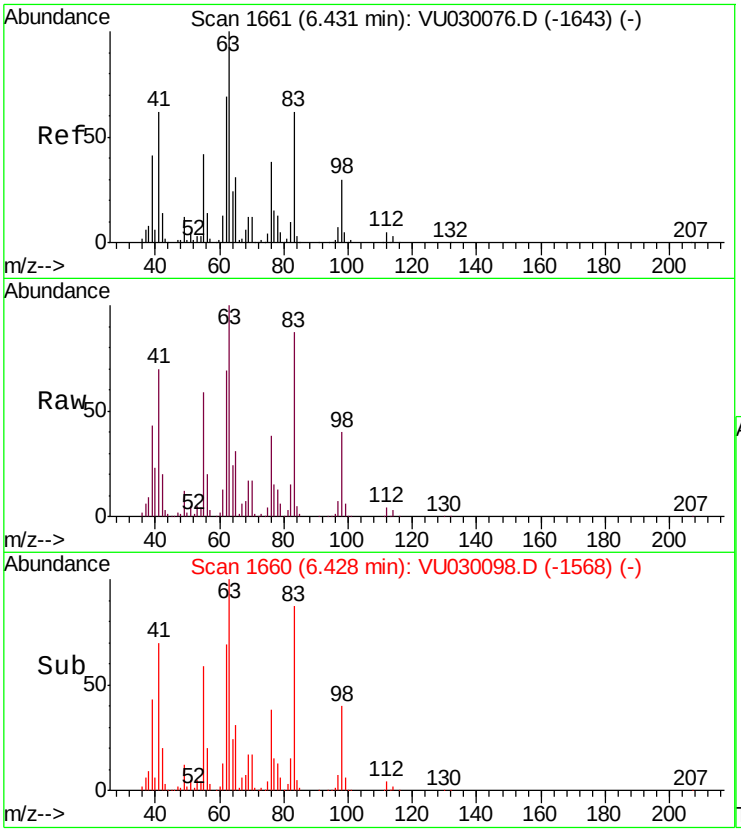


#35
Methylcyclohexane
Concen: 47.135 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 83 Resp: 302953

Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.6	84.8
98	46.7	37.8	56.6



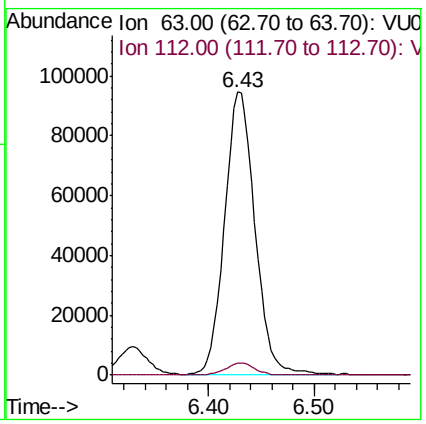


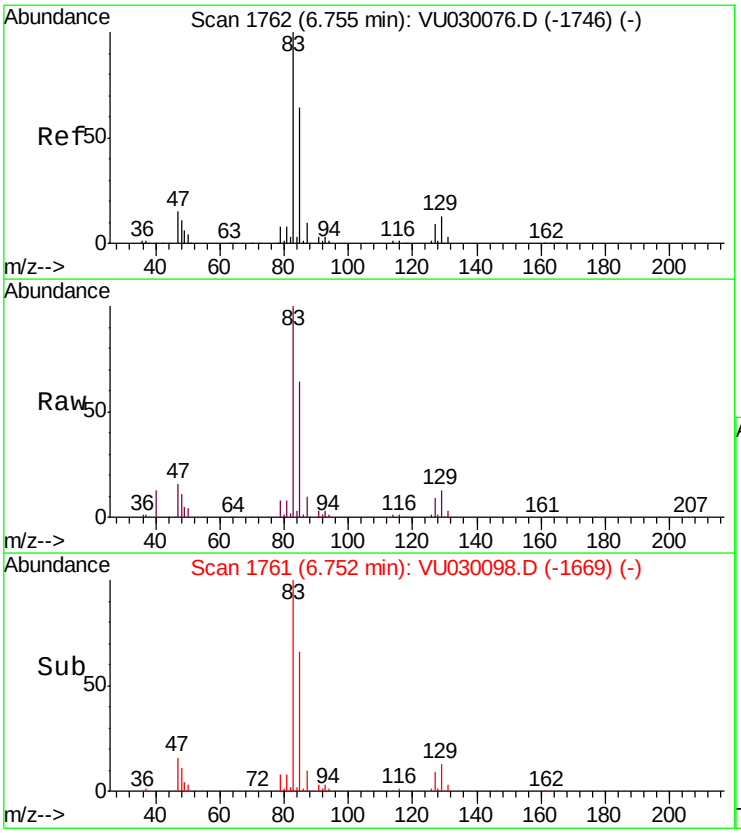
#37
1,2-Dichloropropane
Concen: 47.082 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 63 Resp: 187288

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.4	5.2

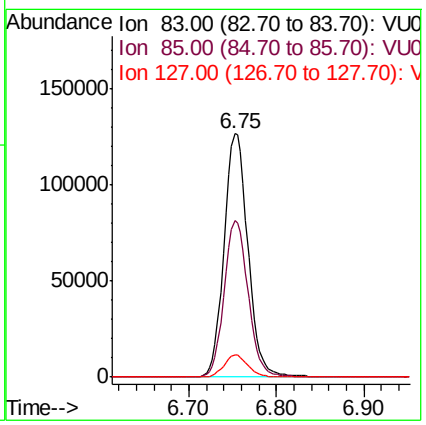


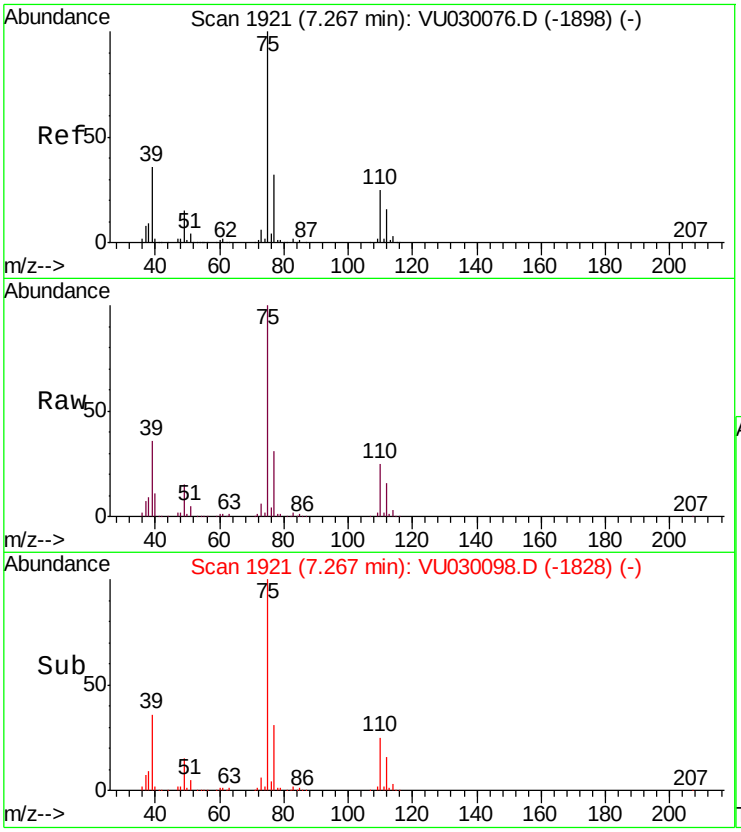


#38
Bromodichloromethane
Concen: 48.535 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 83 Resp: 240087

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.7	84.9
127	9.2	7.7	11.5



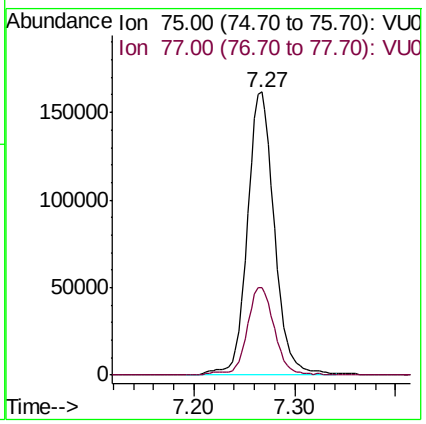


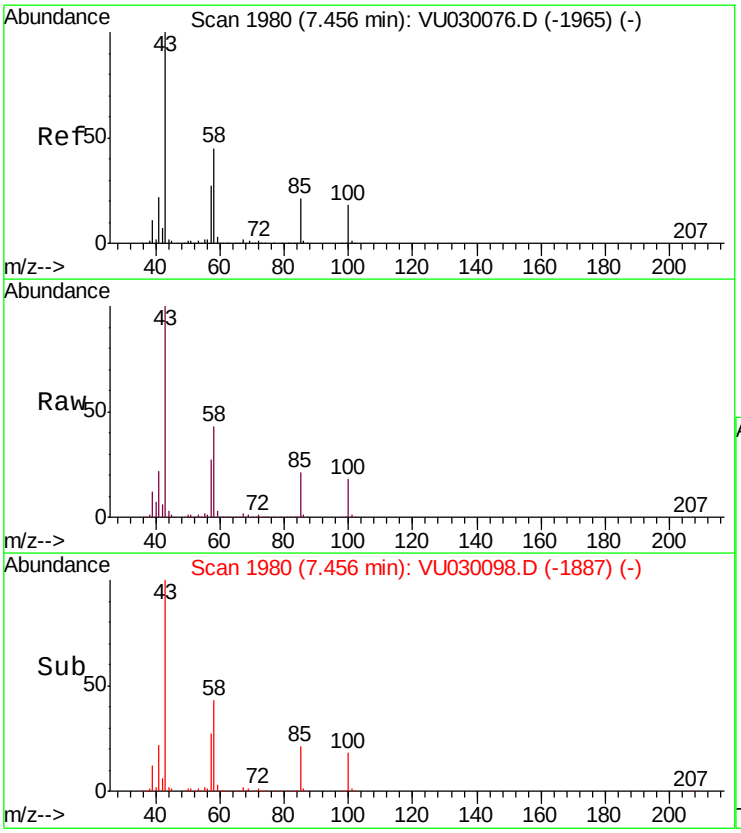
#39
cis-1,3-Dichloropropene
Concen: 48.080 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 75 Resp: 297635

Ion	Ratio	Lower	Upper
75	100		
77	31.1	22.2	41.2

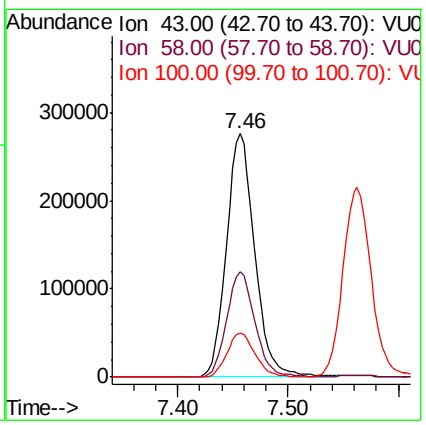


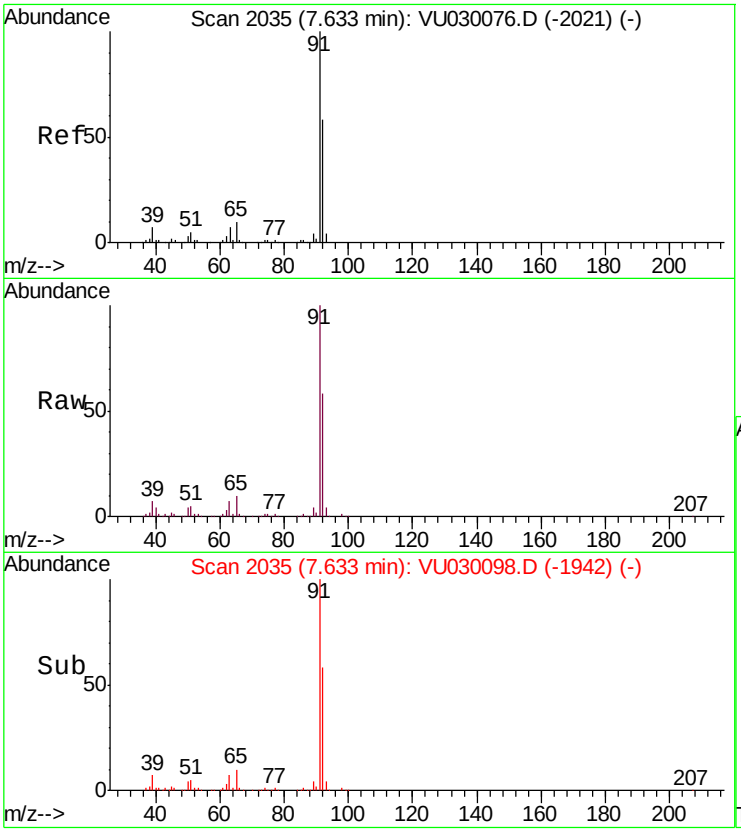


#40
4-Methyl-2-pentanone
Concen: 91.628 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 43 Resp: 492145

Ion	Ratio	Lower	Upper
43	100		
58	43.3	35.1	52.7
100	18.0	14.4	21.6



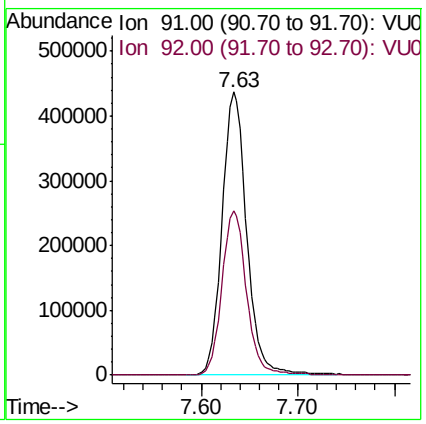


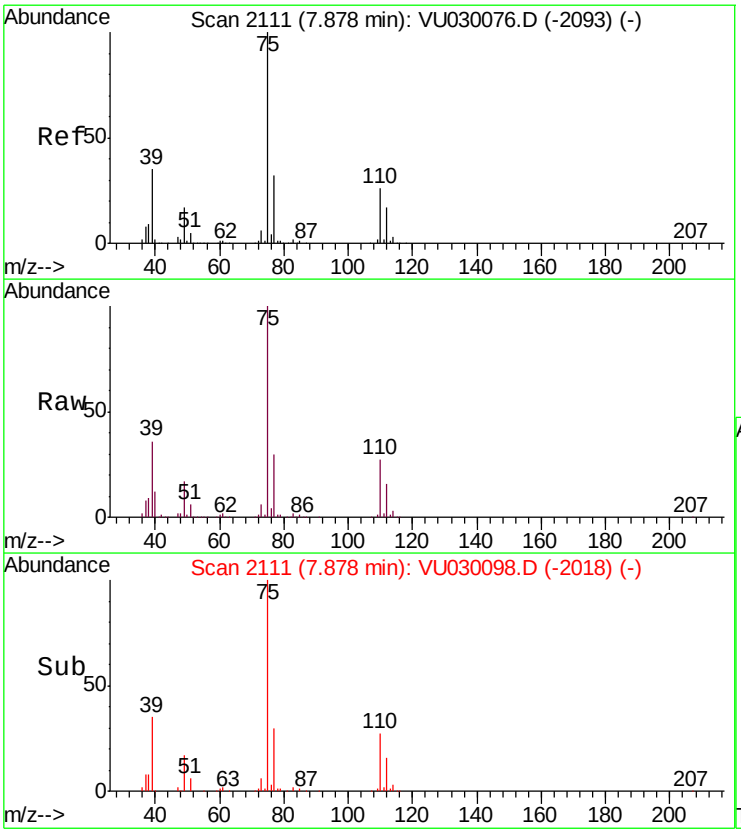
#42
Toluene
Concen: 47.091 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 91 Resp: 774285

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.6	75.4

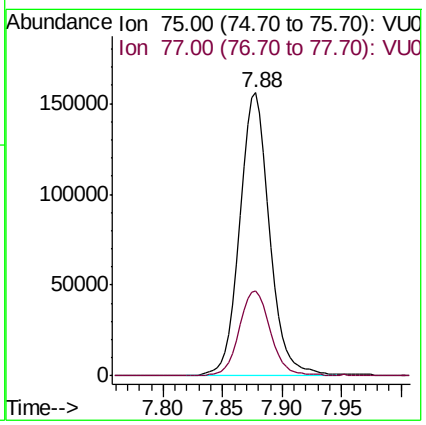


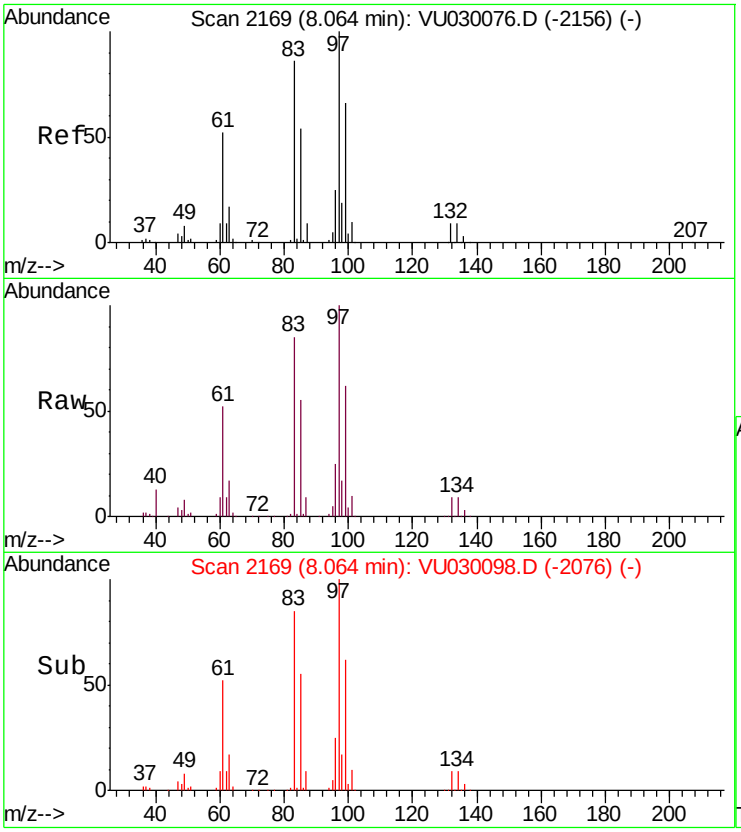


#44
trans-1,3-Dichloropropene
Concen: 48.103 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 75 Resp: 271886

Ion	Ratio	Lower	Upper
75	100		
77	29.9	21.9	40.7



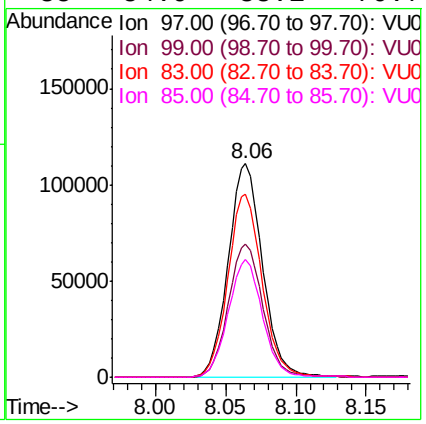


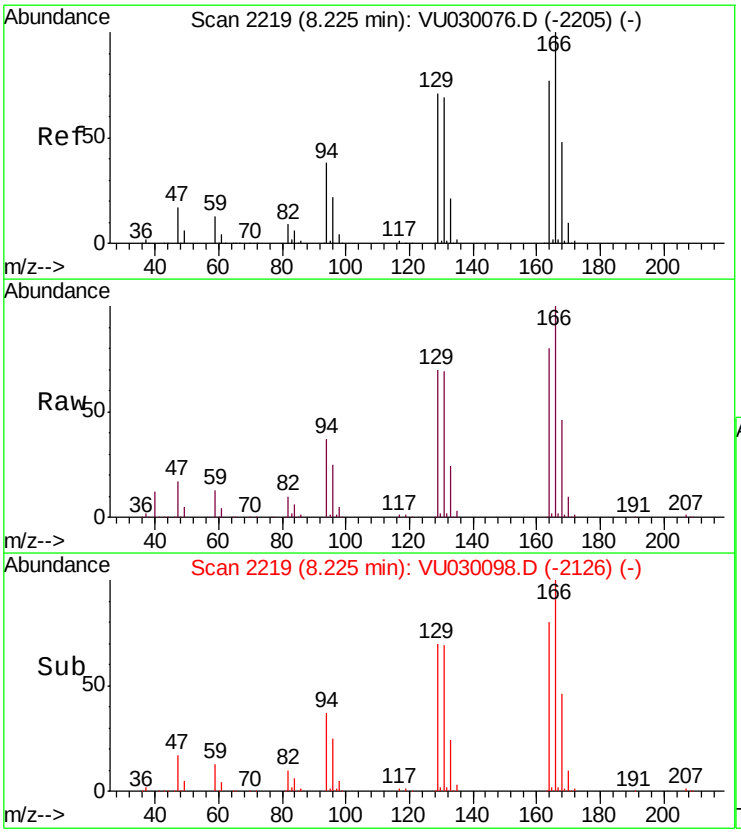
#45
1,1,2-Trichloroethane
Concen: 47.568 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 97 Resp: 189234

Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	82.9
83	85.5	58.6	108.8
85	54.9	38.1	70.7

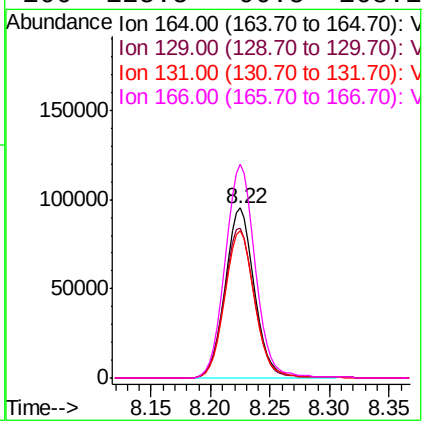


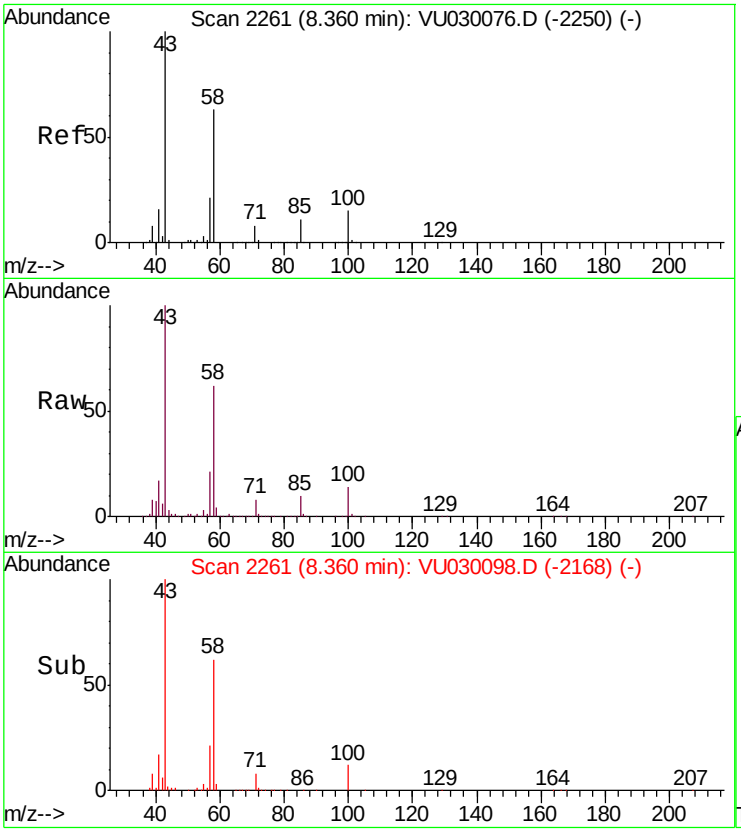


#46
Tetrachloroethene
Concen: 46.872 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:164 Resp: 162582

Ion	Ratio	Lower	Upper
164	100		
129	88.0	63.3	117.7
131	86.4	62.0	115.2
166	125.5	90.5	168.1



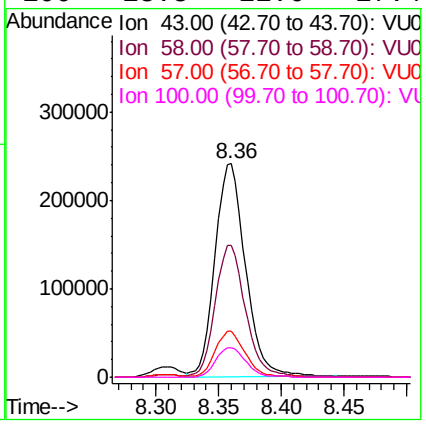


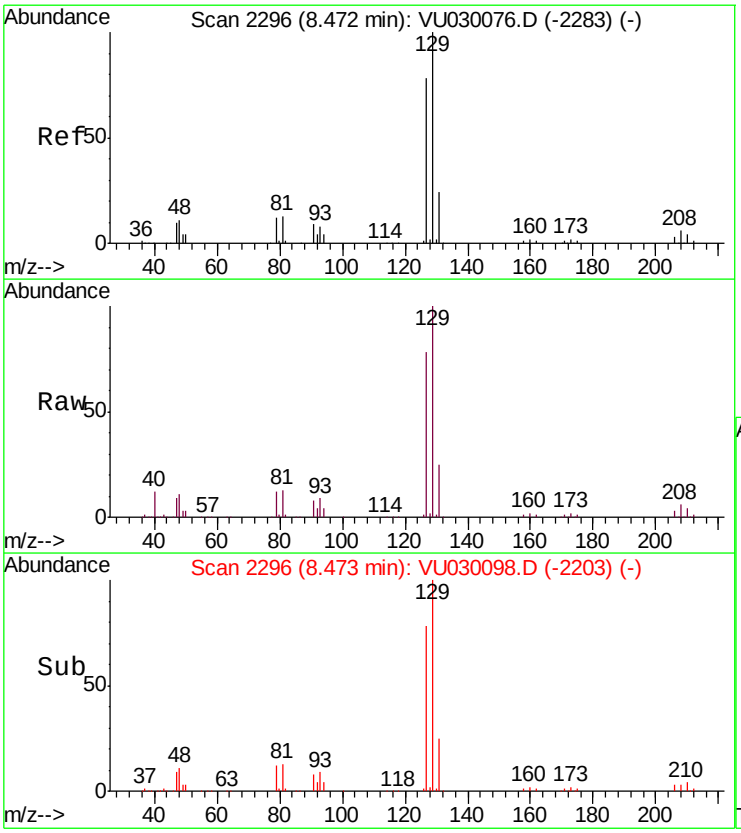
#48
2-Hexanone
Concen: 88.754 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 43 Resp: 406689

Ion	Ratio	Lower	Upper
43	100		
58	61.6	48.6	72.8
57	21.1	16.1	24.1
100	13.8	11.6	17.4

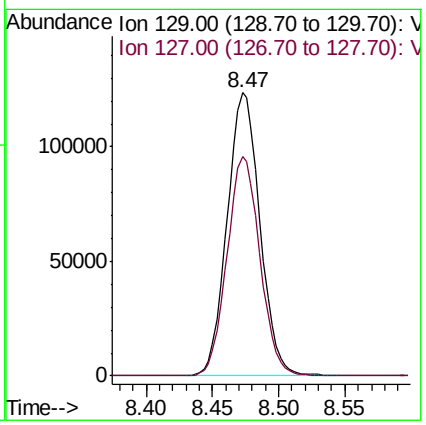


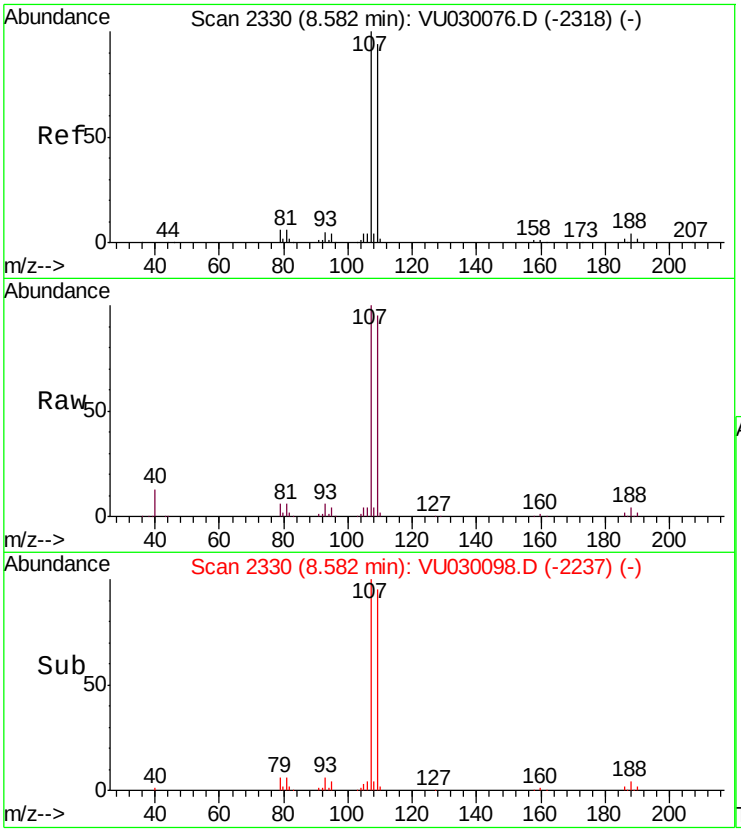


#49
Dibromochloromethane
Concen: 47.870 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:129 Resp: 212769

Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.2	102.4



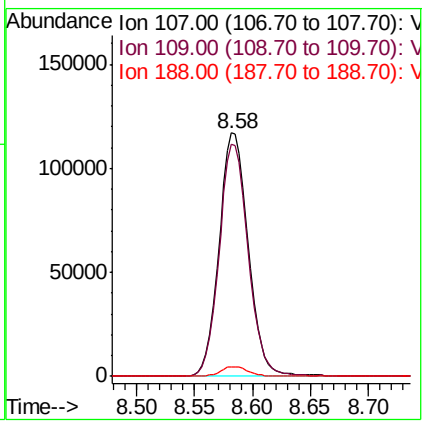


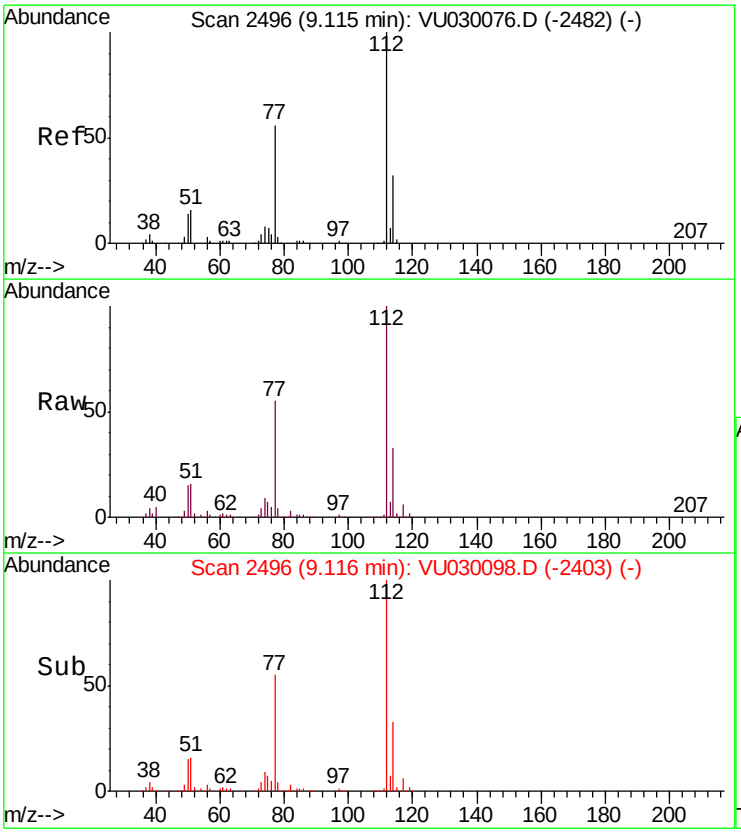
#50
1,2-Dibromoethane
Concen: 46.725 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:107 Resp: 204888

Ion	Ratio	Lower	Upper
107	100		
109	95.2	67.8	126.0
188	4.1	3.2	4.8

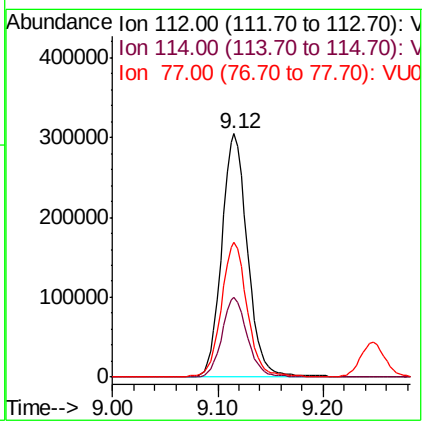


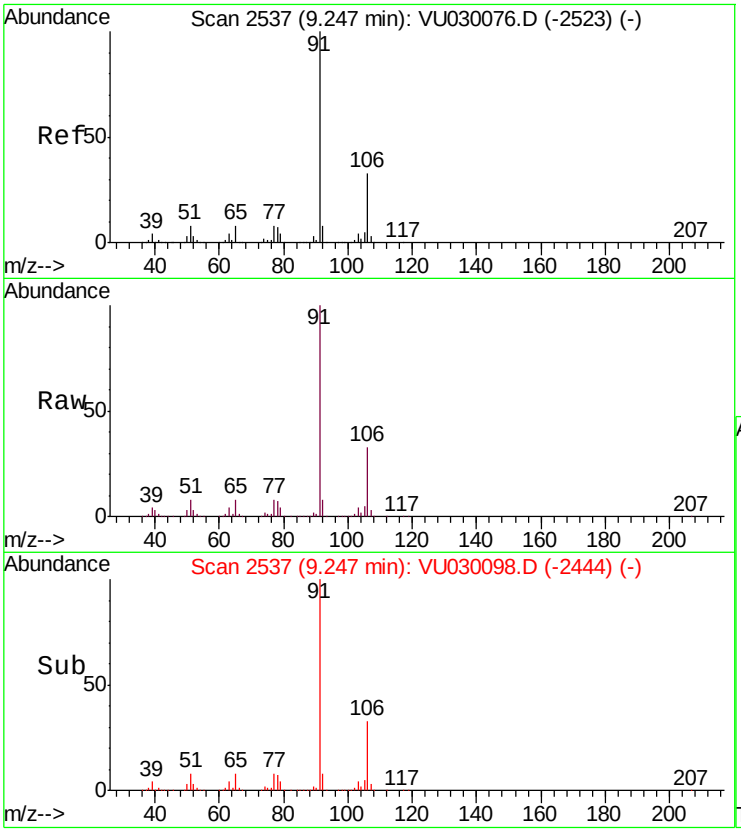


#51
Chlorobenzene
Concen: 46.511 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:112 Resp: 515581

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	55.3	44.6	66.8



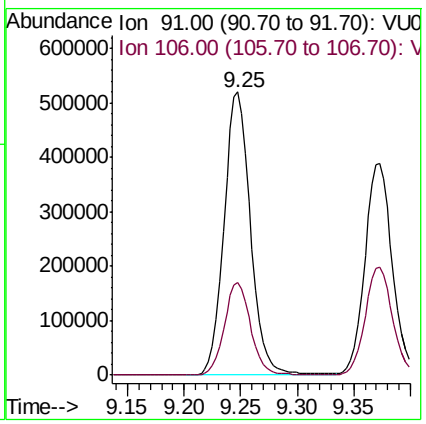


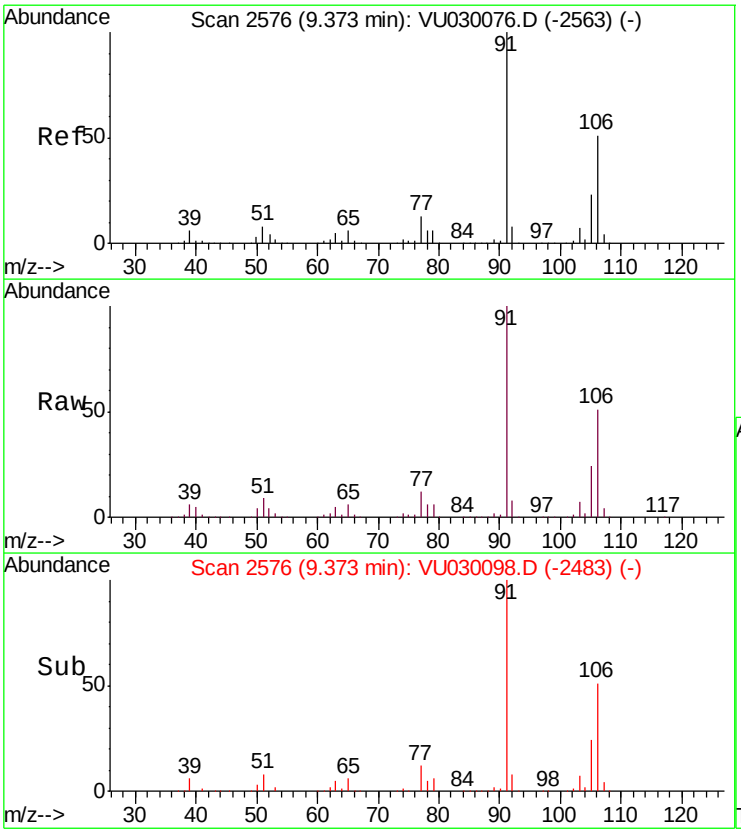
#52
Ethylbenzene
Concen: 46.856 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion: 91 Resp: 848140

Ion	Ratio	Lower	Upper
91	100		
106	32.7	22.5	41.9

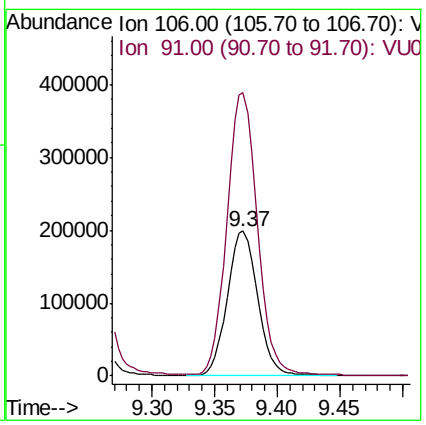


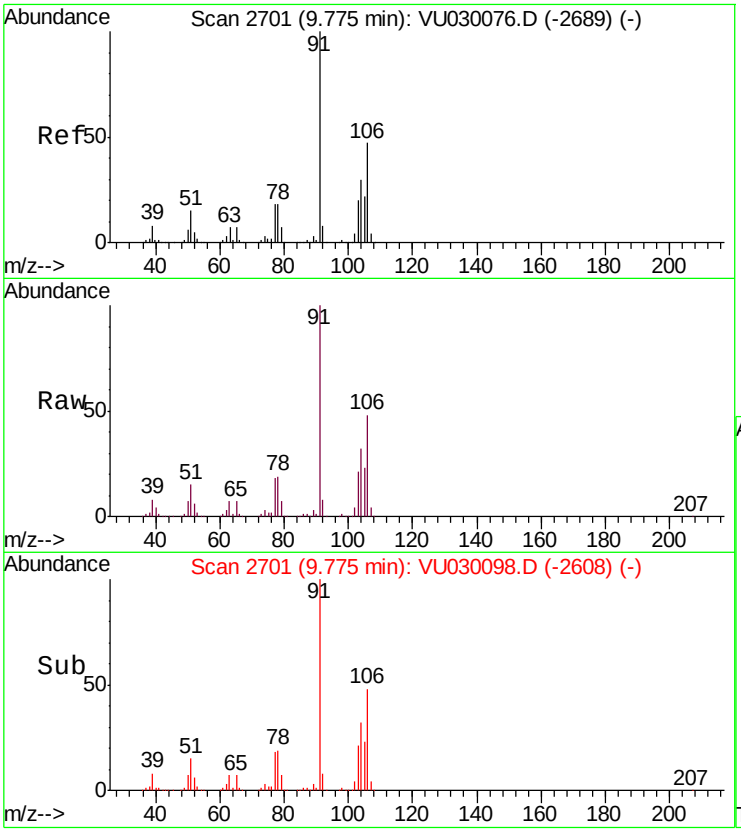


#53
m,p-Xylene
Concen: 47.615 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:106 Resp: 333460

Ion	Ratio	Lower	Upper
106	100		
91	195.4	135.1	250.9



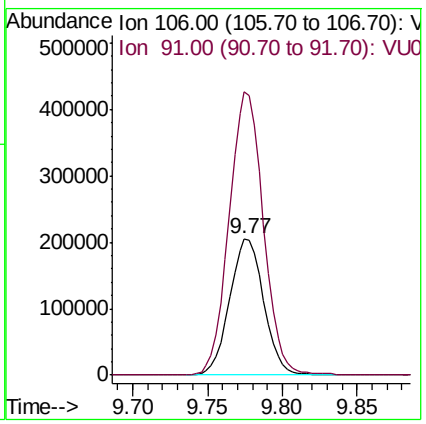


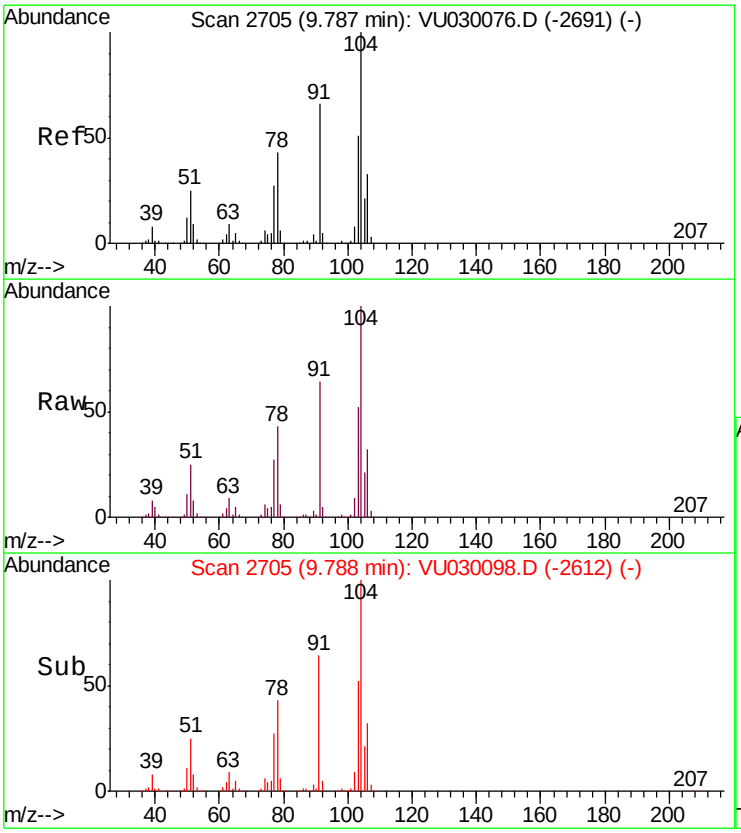
#54
o-xylene
Concen: 47.363 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:106 Resp: 325800

Ion	Ratio	Lower	Upper
106	100		
91	207.3	144.5	268.4

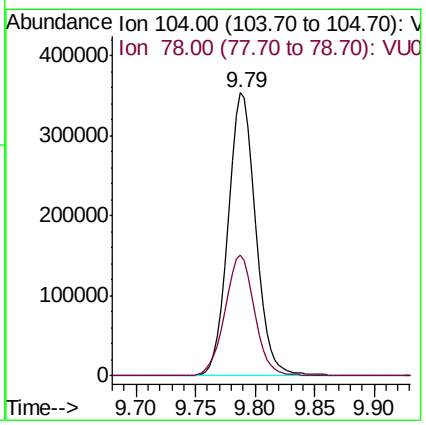


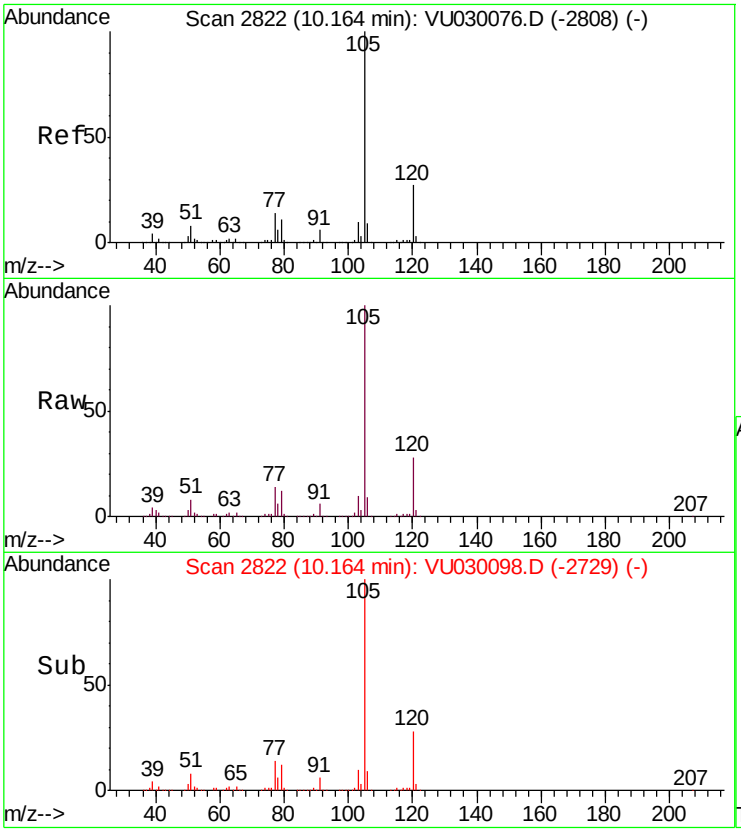


#55
Styrene
Concen: 48.729 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:104 Resp: 570744

Ion	Ratio	Lower	Upper
104	100		
78	42.8	30.6	56.8



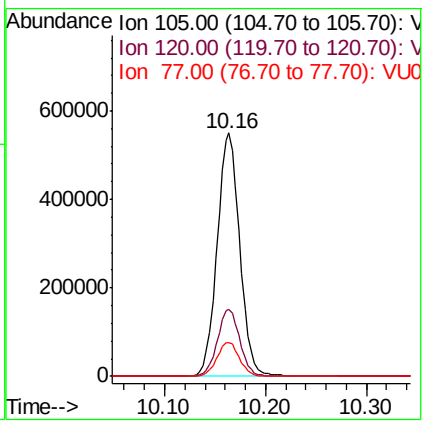


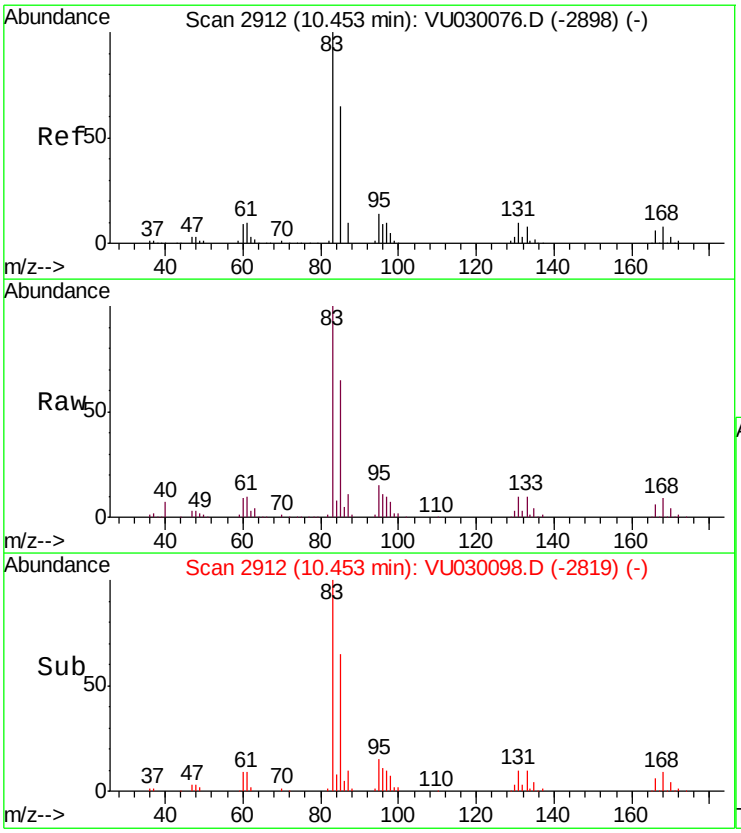
#56
Isopropylbenzene
Concen: 47.691 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion:105 Resp: 858838

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.7	32.5
77	14.0	11.1	16.7

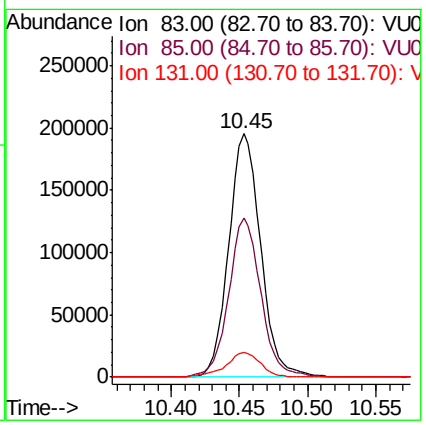


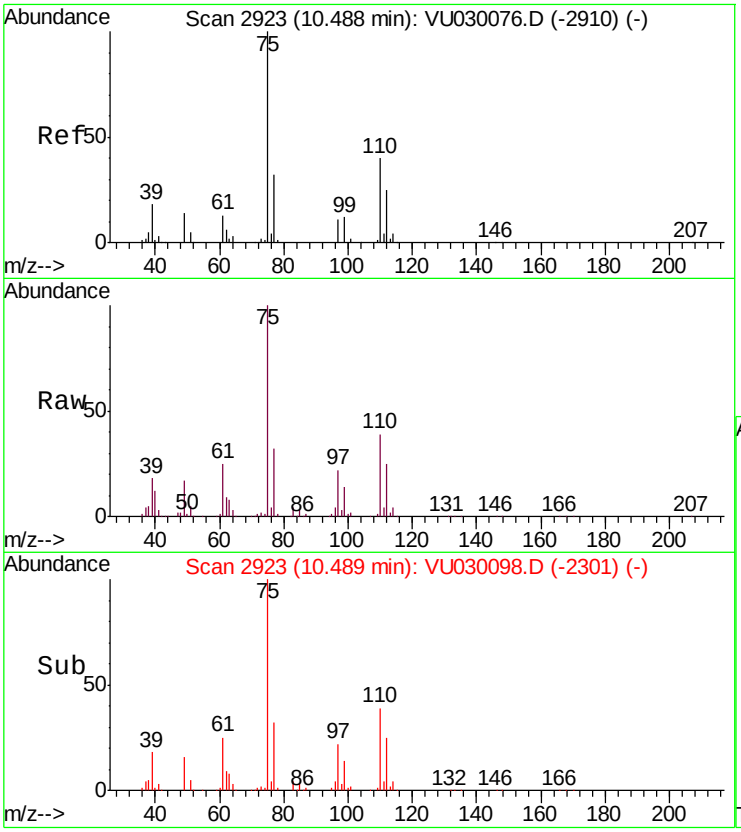


#58
1,1,2,2-Tetrachloroethane
Concen: 46.603 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 83 Resp: 318205

Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.9	85.3
131	10.0	8.5	12.7



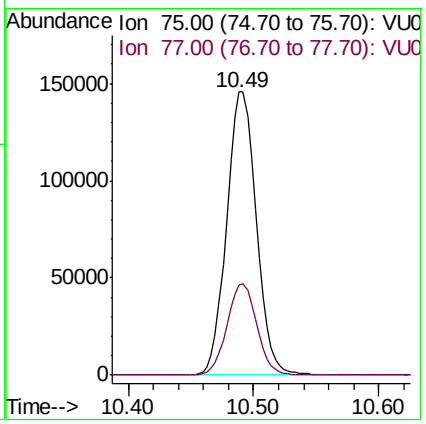


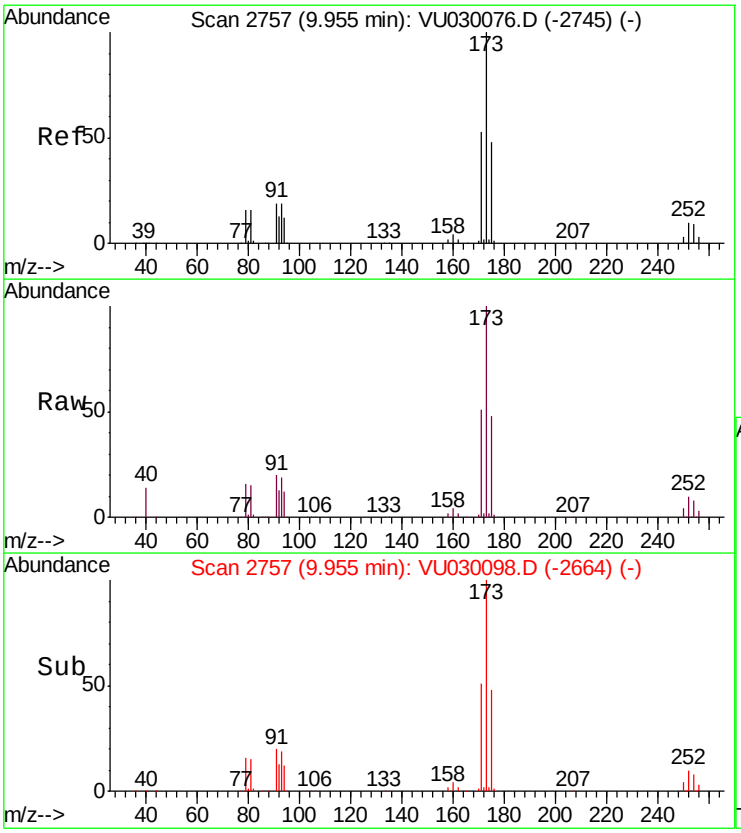
#59
1,2,3-Trichloropropane
Concen: 46.242 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument : MSVOA_U
ClientSampleId : VSTD05038

Tgt Ion: 75 Resp: 239562

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8

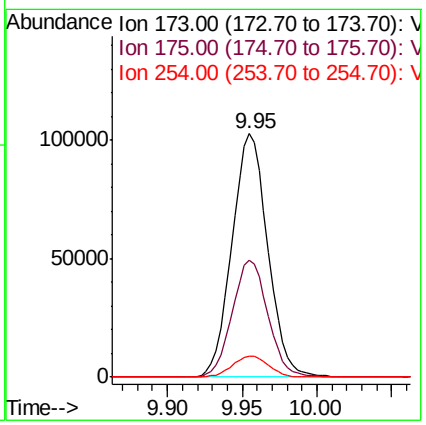


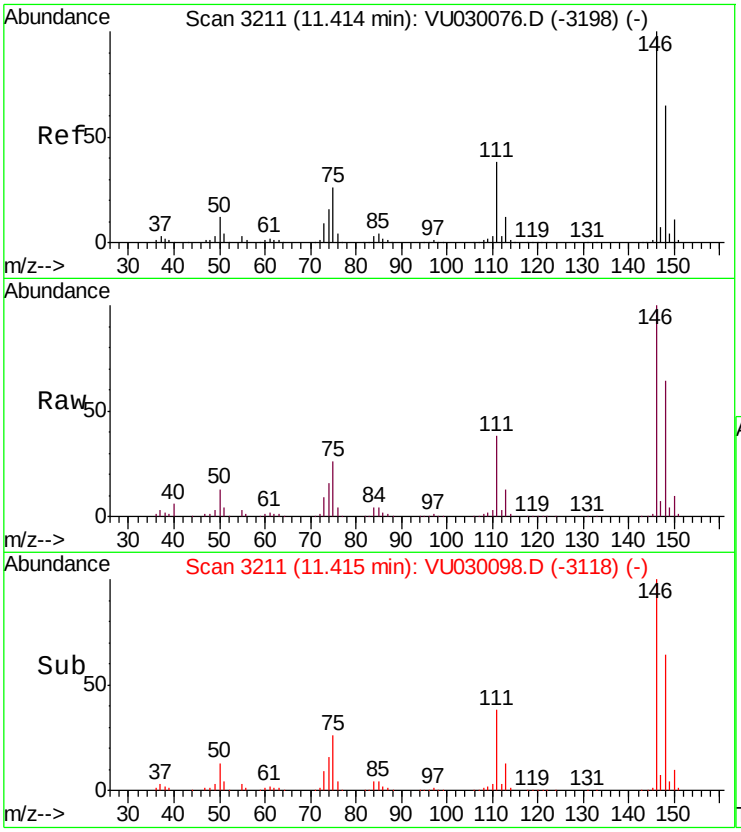


#61
Bromoform
Concen: 48.780 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:173 Resp: 170764

Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.0	58.6
254	8.8	7.4	11.0



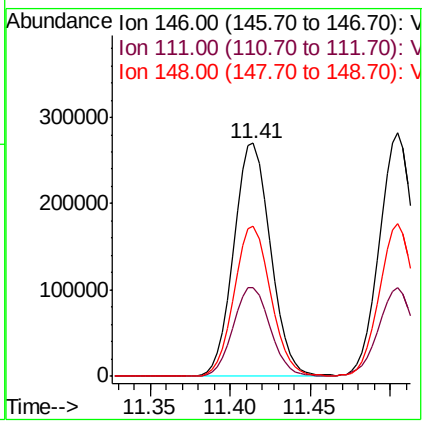


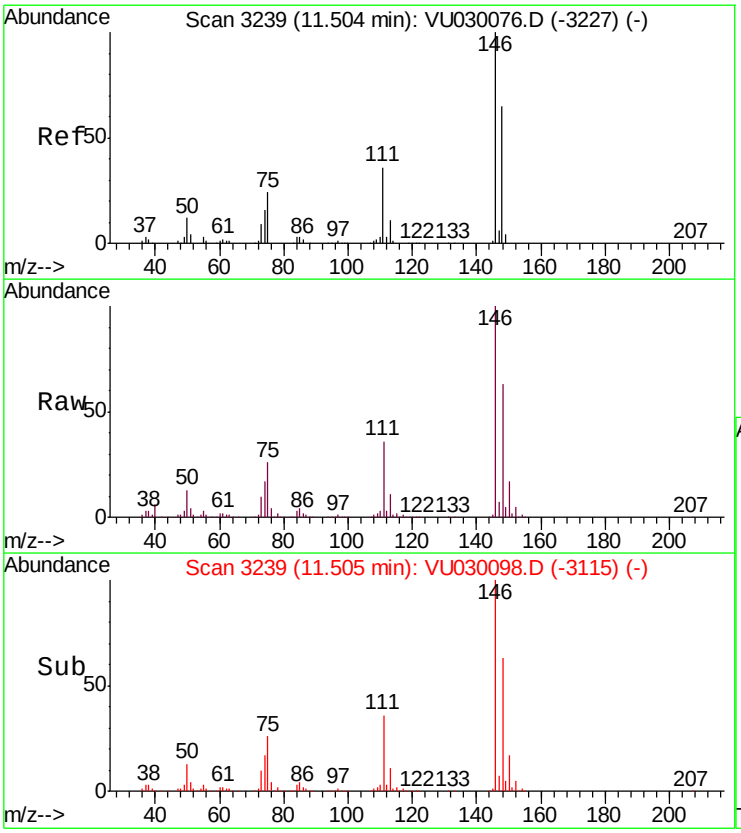
#62
1,3-Dichlorobenzene
Concen: 46.618 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:146 Resp: 423401

Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.7	49.5
148	64.2	44.9	83.5

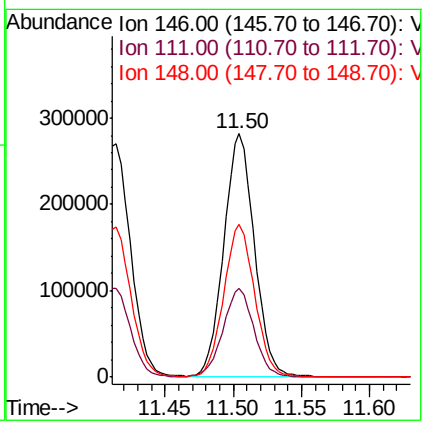


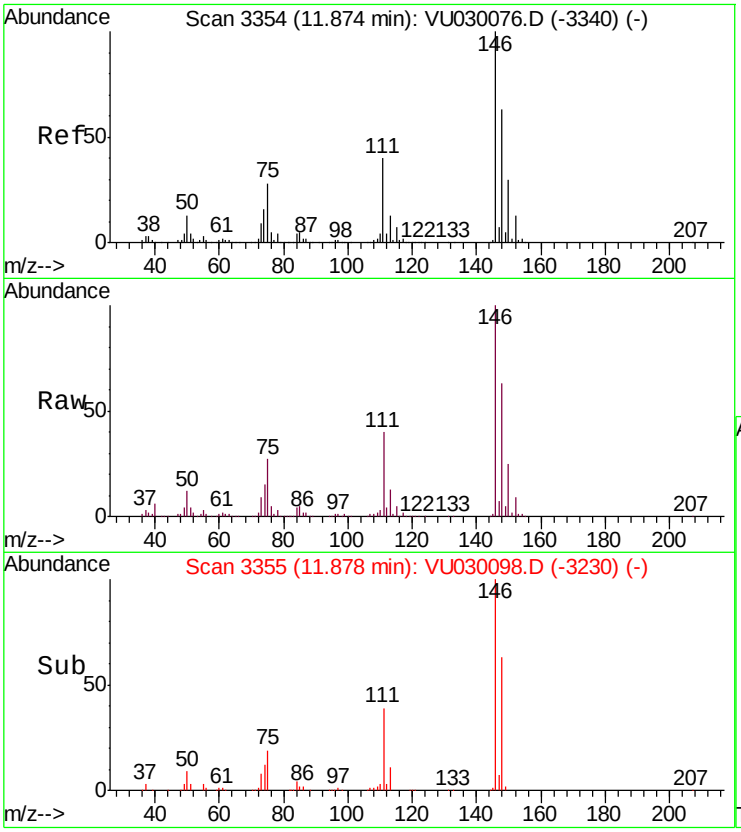


#63
1,4-Dichlorobenzene
Concen: 47.487 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:146 Resp: 438559

Ion	Ratio	Lower	Upper
146	100		
111	36.2	25.5	47.3
148	62.7	45.0	83.6



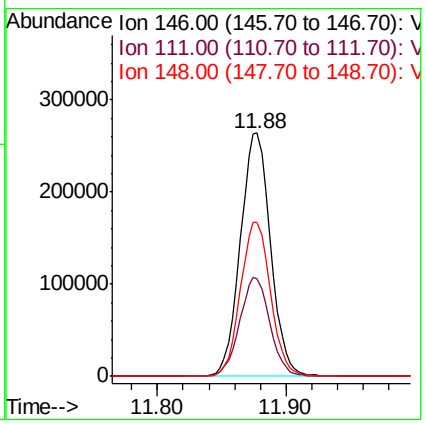


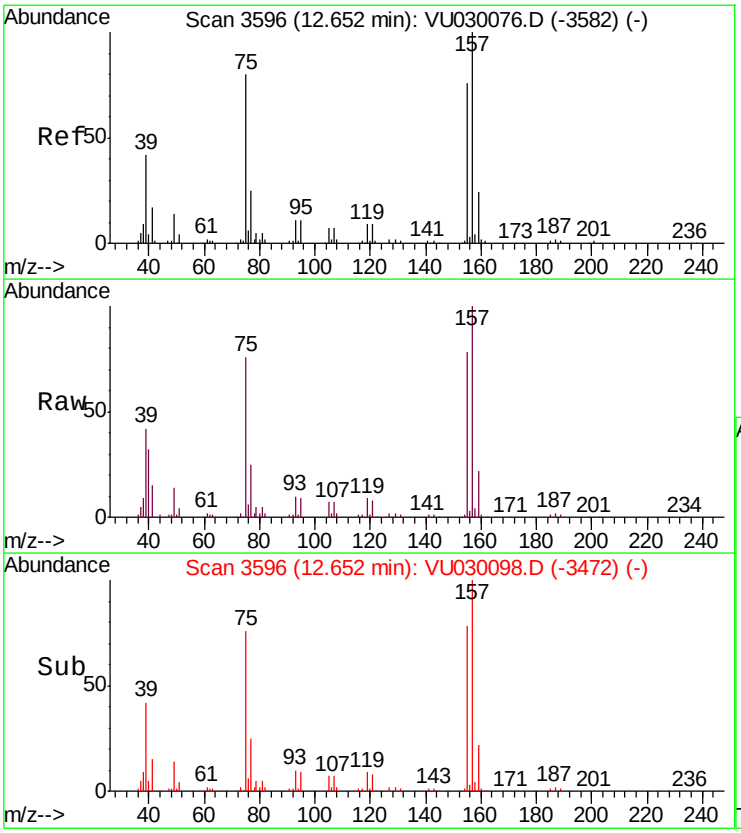
#65
1,2-Dichlorobenzene
Concen: 46.988 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:146 Resp: 429568

Ion	Ratio	Lower	Upper
146	100		
111	40.1	30.9	46.3
148	63.2	51.2	76.8

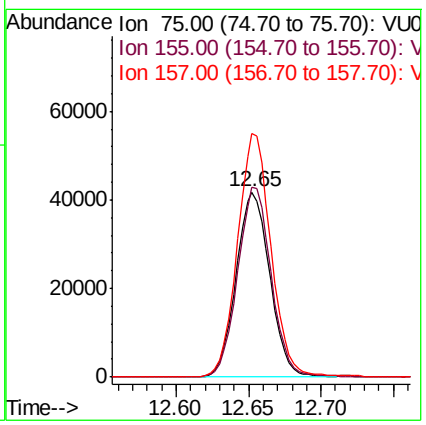


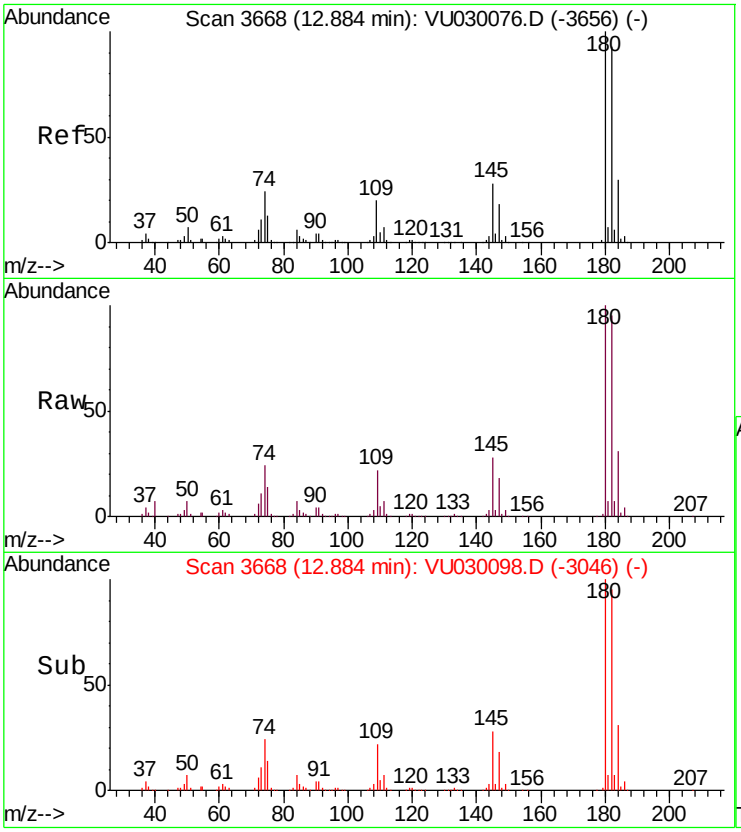


#66
1,2-Dibromo-3-chloropropane
Concen: 45.467 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion: 75 Resp: 67547

Ion	Ratio	Lower	Upper
75	100		
155	102.5	80.9	121.3
157	131.8	104.6	156.8



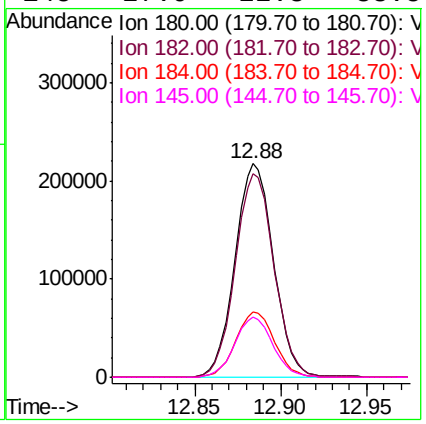


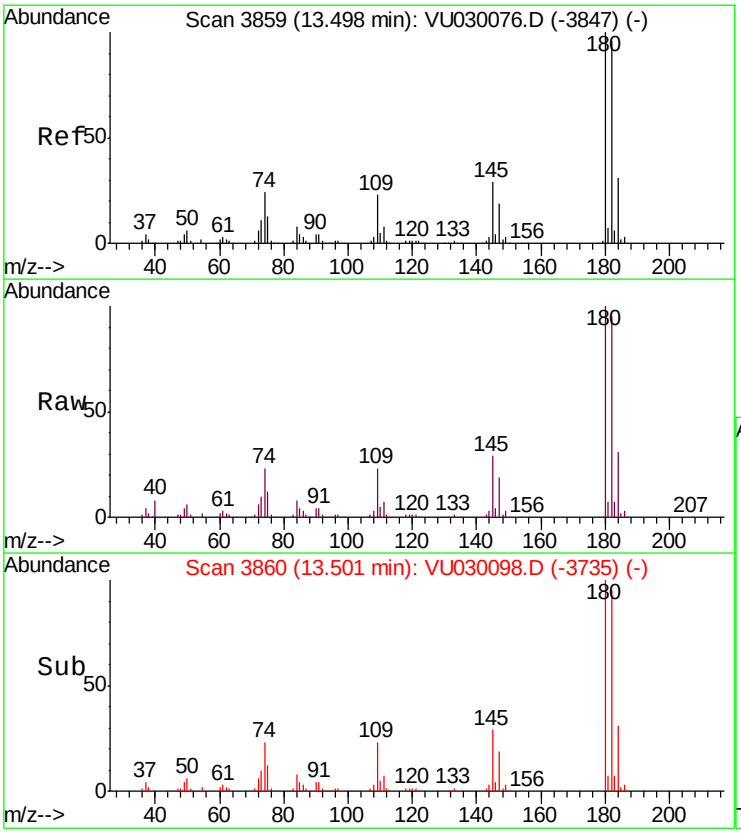
#67
1,3,5-Trichlorobenzene
Concen: 48.121 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:180 Resp: 339227

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.3	114.5
184	30.8	24.7	37.1
145	27.9	22.3	33.5

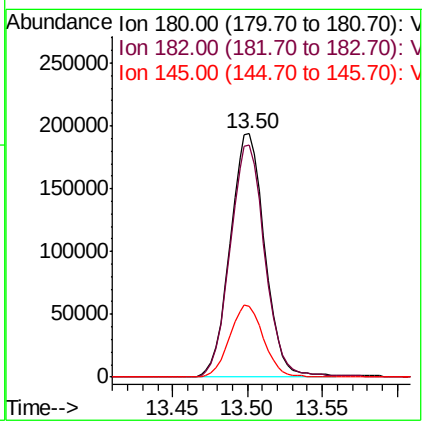


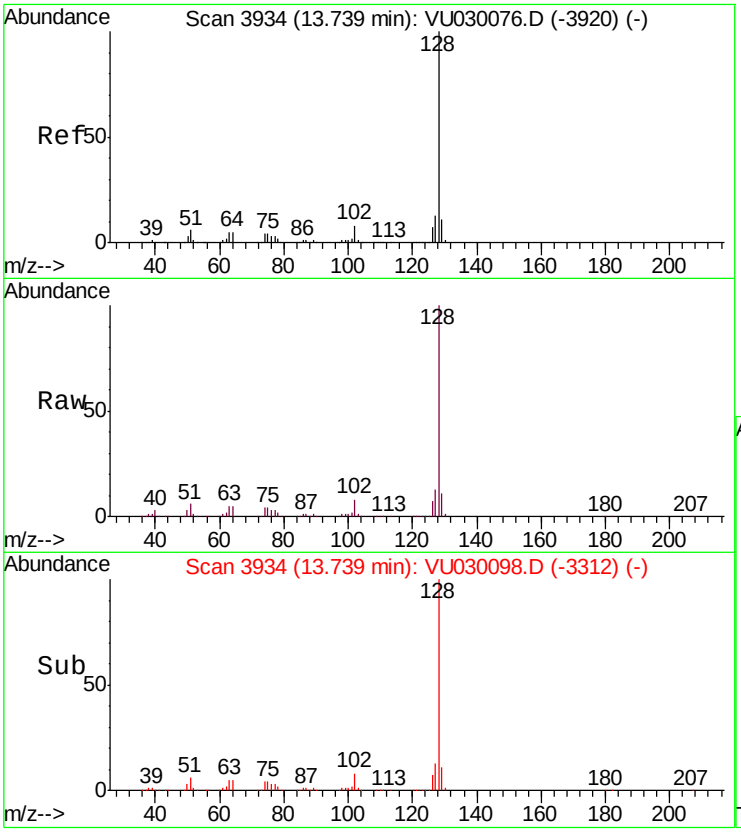


#68
1,2,4-trichlorobenzene
Concen: 48.380 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:180 Resp: 311974

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
145	29.0	23.0	34.4



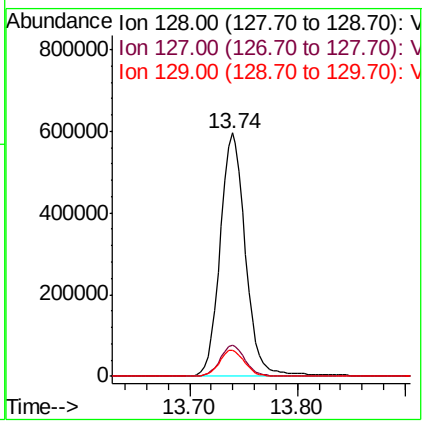


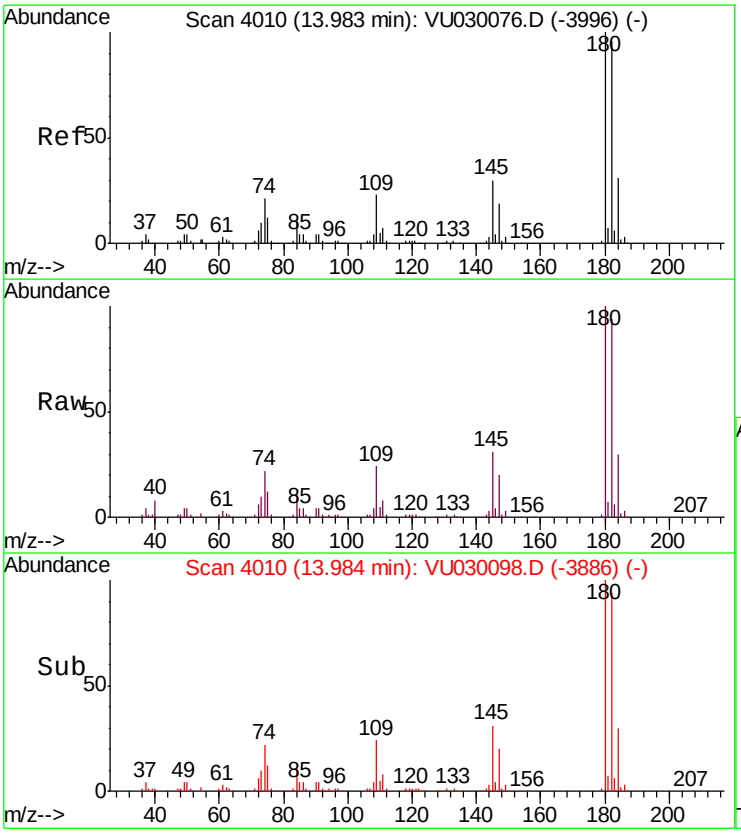
#69
Naphthalene
Concen: 46.482 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05038

Tgt Ion:128 Resp: 973831

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 47.626 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU030098.D
Acq: 15 Mar 2019 10:07

Tgt Ion:180 Resp: 319040

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	30.4	24.0	36.0