Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\

Quantitation Report (Not Reviewed)

Data File : VU031354.D
Acq On : 19 Apr 2019 13:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Quant Time: Apr 19 23:10:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	524312	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	526137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234494	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	222463	46.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.14%			
7) Chloroethane-d5	1.68	69	179750	42.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.76%			
11) 1,1-Dichloroethene-d2	2.27	63	416452	43.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.08%			
21) 2-Butanone-d5	4.18	46	358972	102.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.08%			
24) Chloroform-d	4.64	84	401294	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
26) 1,2-Dichloroethane-d4	5.31	65	248818	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
32) Benzene-d6	5.34	84	773420	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.33	67	258827	47.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.90%			
41) Toluene-d8	7.56	98	684399	46.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.52%			
43) trans-1,3-Dichloropropene-	7.85	79	115092	44.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.20%			
47) 2-Hexanone-d5	8.31	63	220090	86.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.37%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	358752	47.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	248210	46.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.30%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	193331	39.949	ug/L	100
3) Chloromethane	1.32	50	296441	51.425	ug/L	100
5) Vinyl chloride	1.40	62	301179	52.493	ug/L	96
6) Bromomethane	1.63	94	170232	45.158	ug/L	99
8) Chloroethane	1.70	64	170122	46.118	ug/L	99
9) Trichlorofluoromethane	1.88	101	375107	46.962	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	210091	50.284	ug/L	99
12) 1,1-Dichloroethene	2.28	96	195940	47.815	ug/L	90
13) Acetone	2.34	43	344569	127.319	ug/L	99
14) Carbon disulfide	2.47	76	608983	54.857	ug/L	99
15) Methyl Acetate	2.62	43	265658	56.420	ug/L	100
16) Methylene chloride	2.70	84	224120	56.048	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	198825	53.251	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	617985	52.563	ug/L	99
19) 1,1-Dichloroethane	3.44	63	406763	54.808	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	216630	49.854	ug/L	99
22) 2-Butanone	4.27	43	405596	109.358	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\

Quantitation Report (Not Reviewed)

Data File : VU031354.D
Acq On : 19 Apr 2019 13:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Quant Time: Apr 19 23:10:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	110774	51.458	ug/L	98
25) Chloroform	4.67	83	395524	51.960	ug/L	99
27) 1,2-Dichloroethane	5.40	62	308165	53.226	ug/L	99
29) Cyclohexane	4.99	56	346079	46.765	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	326865	46.950	ug/L	99
31) Carbon tetrachloride	5.13	117	285803	47.448	ug/L	99
33) Benzene	5.39	78	879523	49.701	ug/L	100
34) Trichloroethene	6.18	95	212171	47.918	ug/L	97
35) Methylcyclohexane	6.41	83	318275	48.283	ug/L	99
37) 1,2-Dichloropropane	6.43	63	238020	50.788	ug/L	99
38) Bromodichloromethane	6.75	83	292859	49.165	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	340732	48.516	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	647676	97.955	ug/L	99
42) Toluene	7.63	91	899810	51.117	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	303052	49.698	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	210177	49.828	ug/L	94
46) Tetrachloroethene	8.22	164	157932	47.423	ug/L	95
48) 2-Hexanone	8.36	43	541718	103.012	ug/L	99
49) Dibromochloromethane	8.47	129	228006	50.011	ug/L	99
50) 1,2-Dibromoethane	8.58	107	221626	49.733	ug/L	96
51) Chlorobenzene	9.12	112	541112	49.185	ug/L	99
52) Ethylbenzene	9.25	91	926515	48.349	ug/L	99
53) m,p-Xylene	9.37	106	351074	51.915	ug/L	100
54) o-xylene	9.78	106	328047	47.902	ug/L	96
55) Styrene	9.79	104	588388	50.898	ug/L	98
56) Isopropylbenzene	10.16	105	873738	49.777	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	352614	48.548	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	277149	49.721	ug/L	98
61) Bromoform	9.95	173	162751	50.133	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	374816	48.365	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	381234	49.064	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	393871	48.320	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	74065	47.622	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	291072	50.187	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	231368	49.228	ug/L	97
69) Naphthalene	13.74	128	748090	50.729	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	264851	51.889	ug/L	98

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

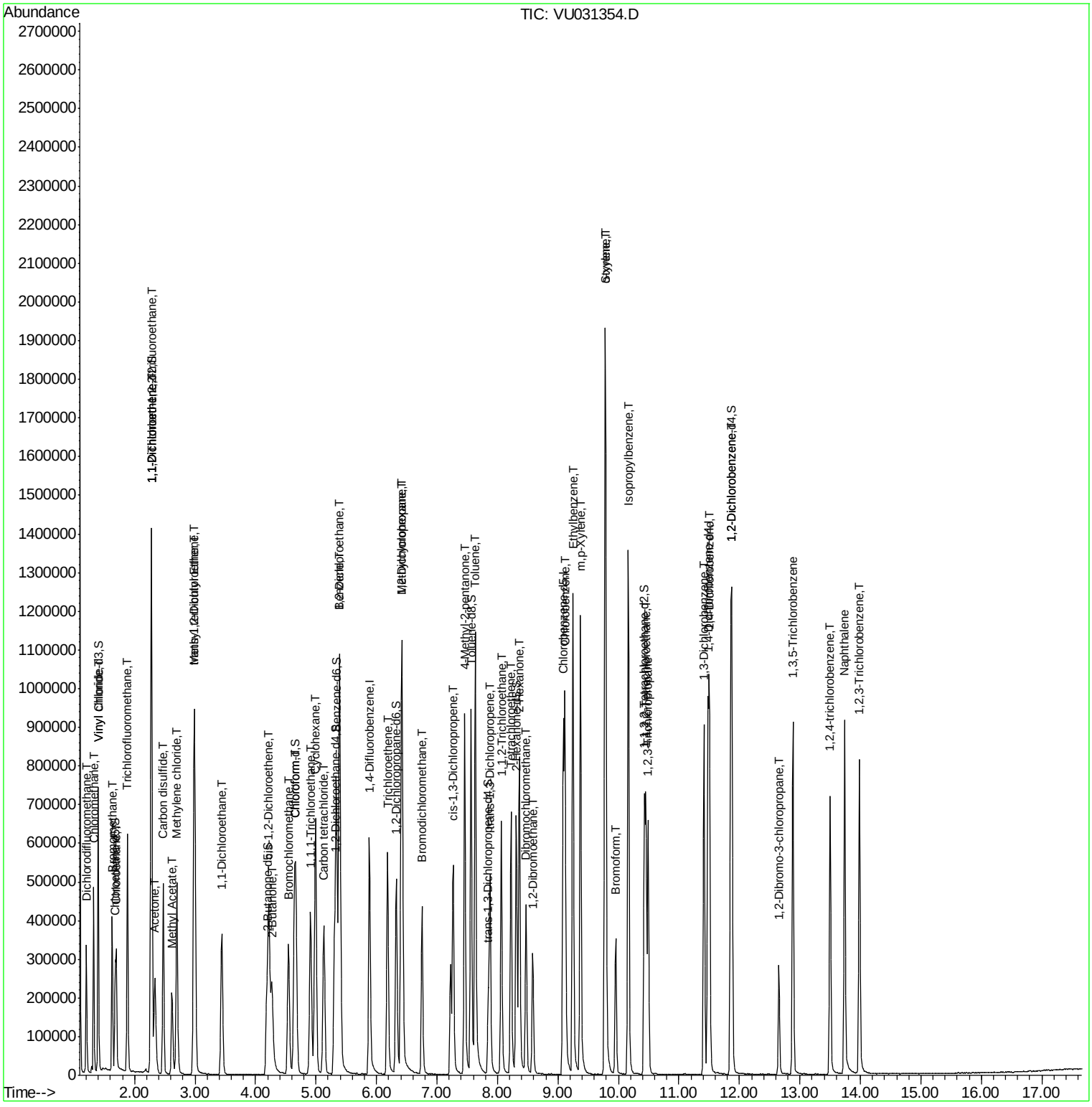
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\

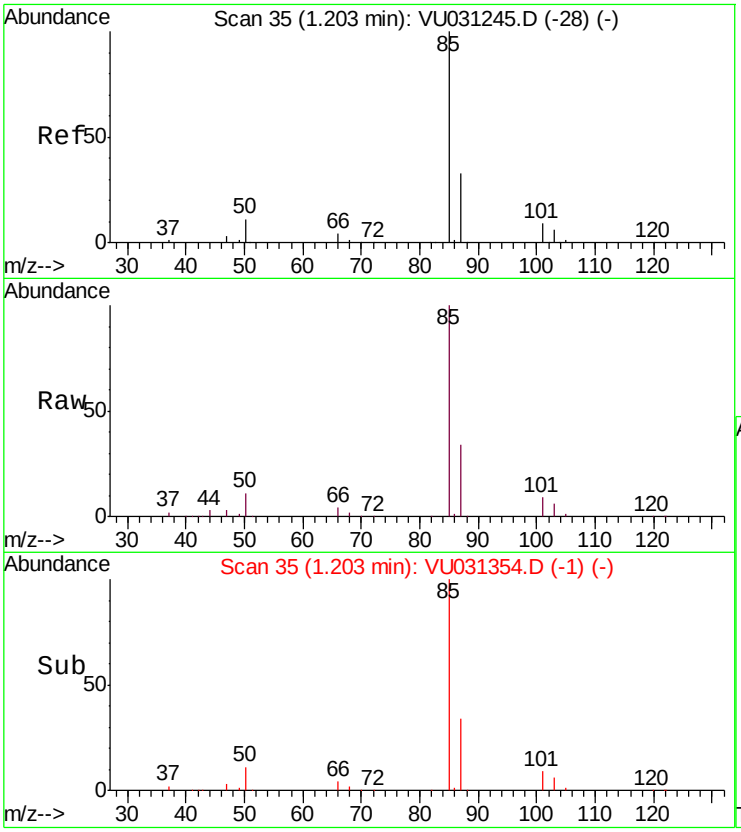
Quantitation Report (Not Reviewed)

Data File : VU031354.D
Acq On : 19 Apr 2019 13:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Quant Time: Apr 19 22:56:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration



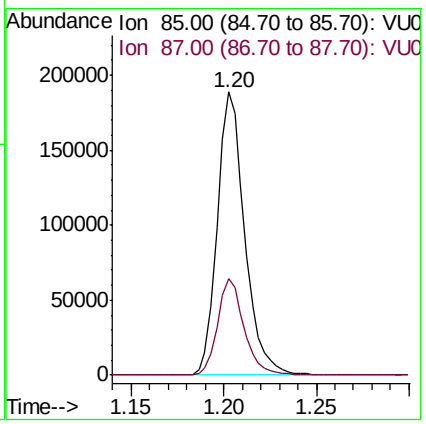


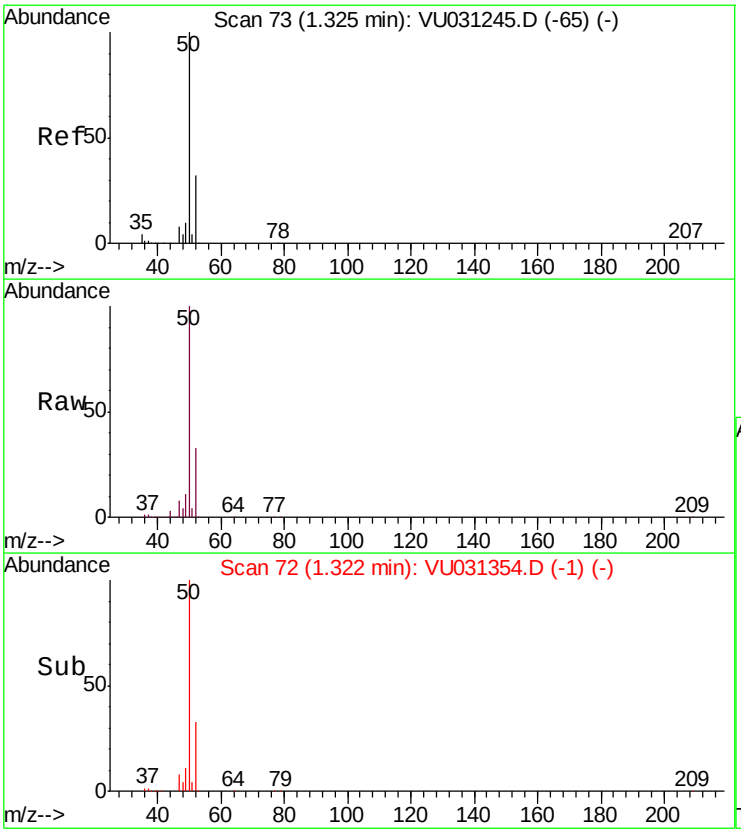
#2
Dichlorodifluoromethane
Concen: 39.949 ug/L
RT: 1.20 min Scan# 35
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 85 Resp: 193331

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.2

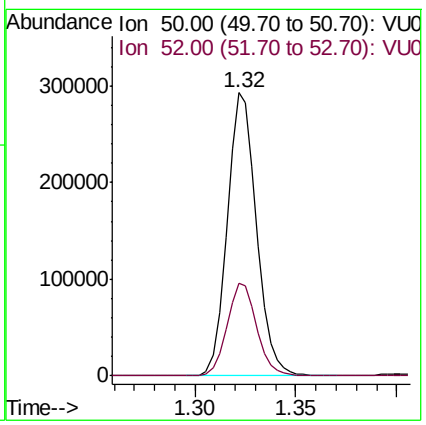


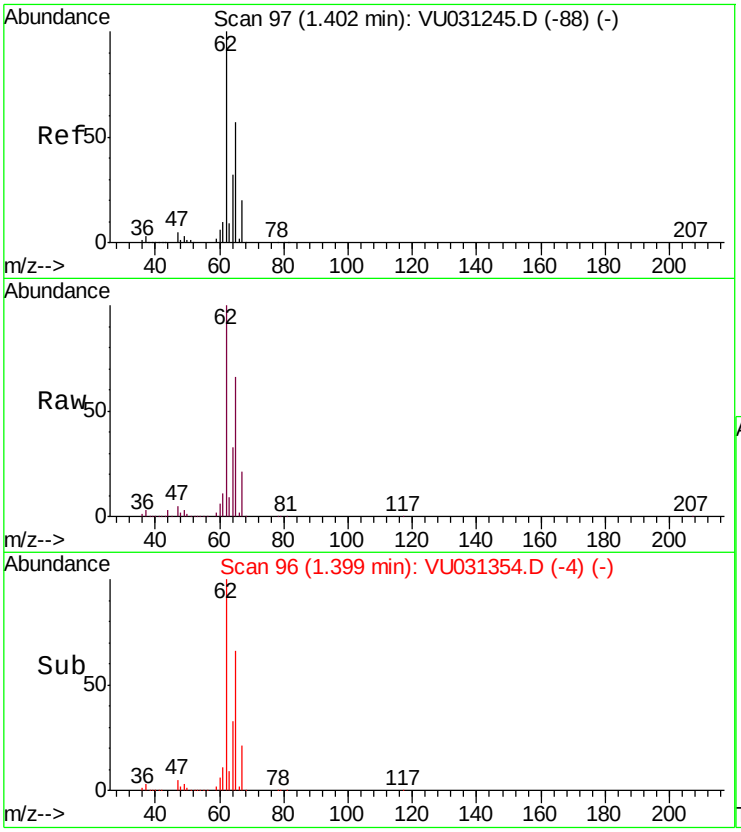


#3
Chloromethane
Concen: 51.425 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 50 Resp: 296441

Ion	Ratio	Lower	Upper
50	100		
52	32.5	22.7	42.3



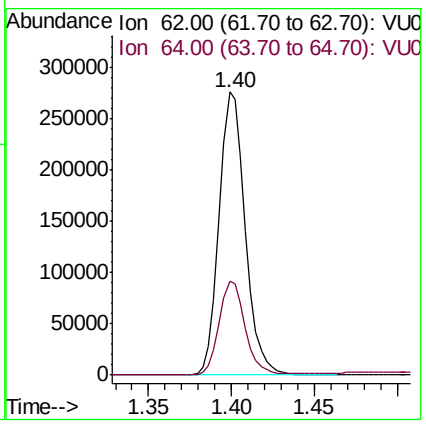


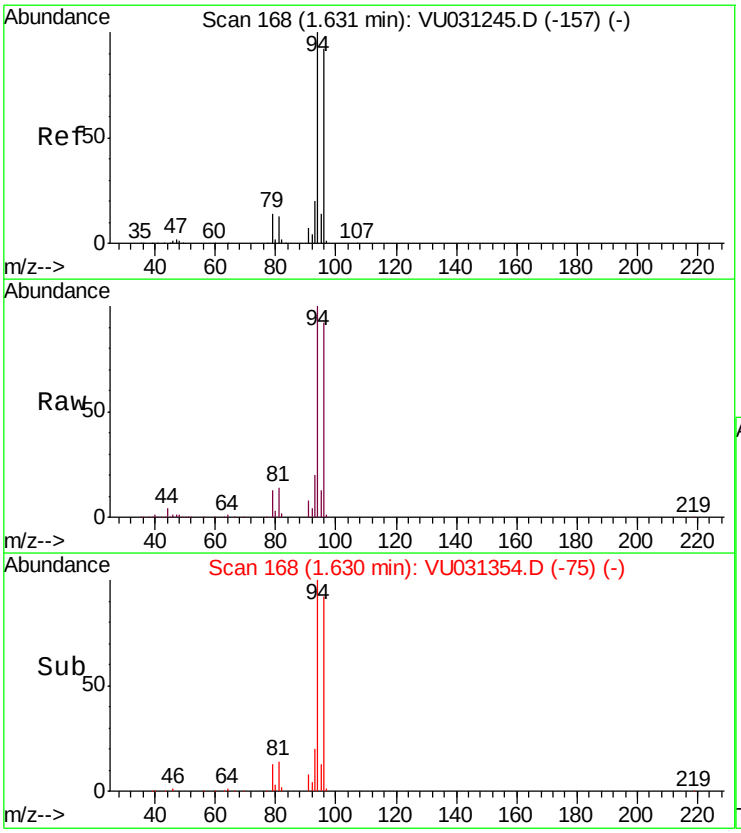
#5
Vinyl chloride
Concen: 52.493 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 62 Resp: 301179

Ion	Ratio	Lower	Upper
62	100		
64	33.2	21.8	40.6

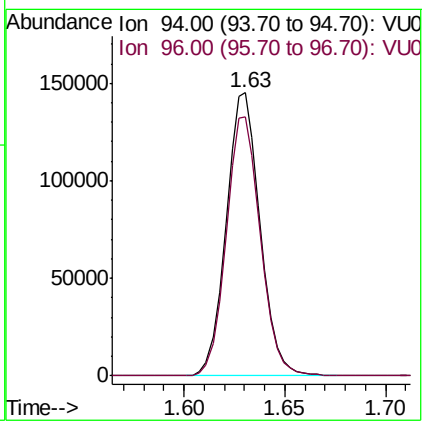


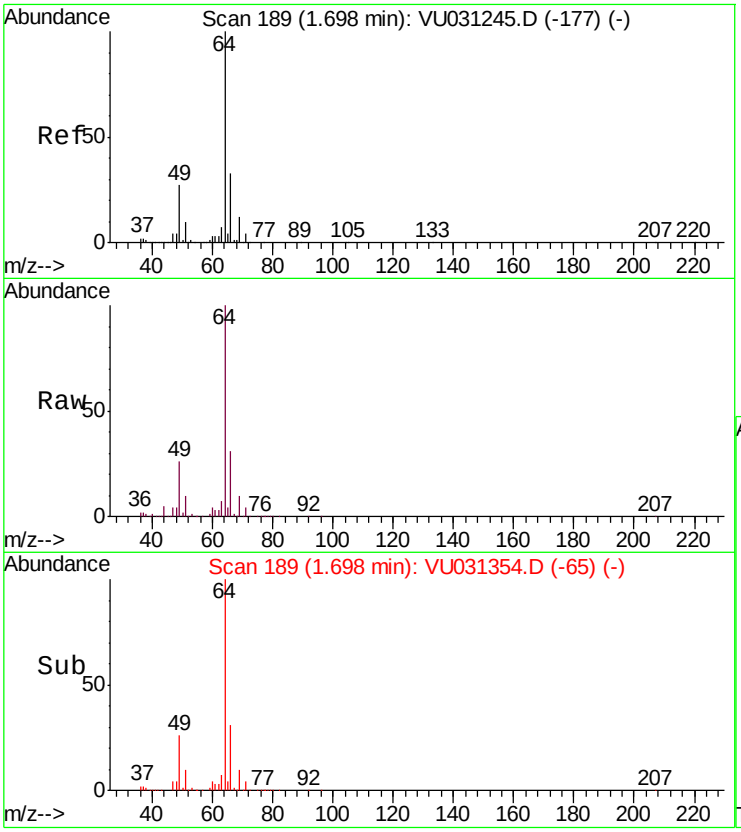


#6
Bromomethane
Concen: 45.158 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 94 Resp: 170232

Ion	Ratio	Lower	Upper
94	100		
96	91.7	64.6	120.0



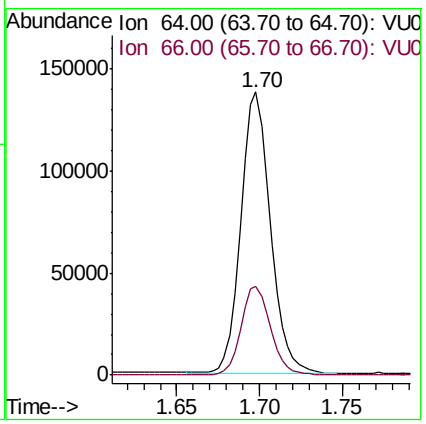


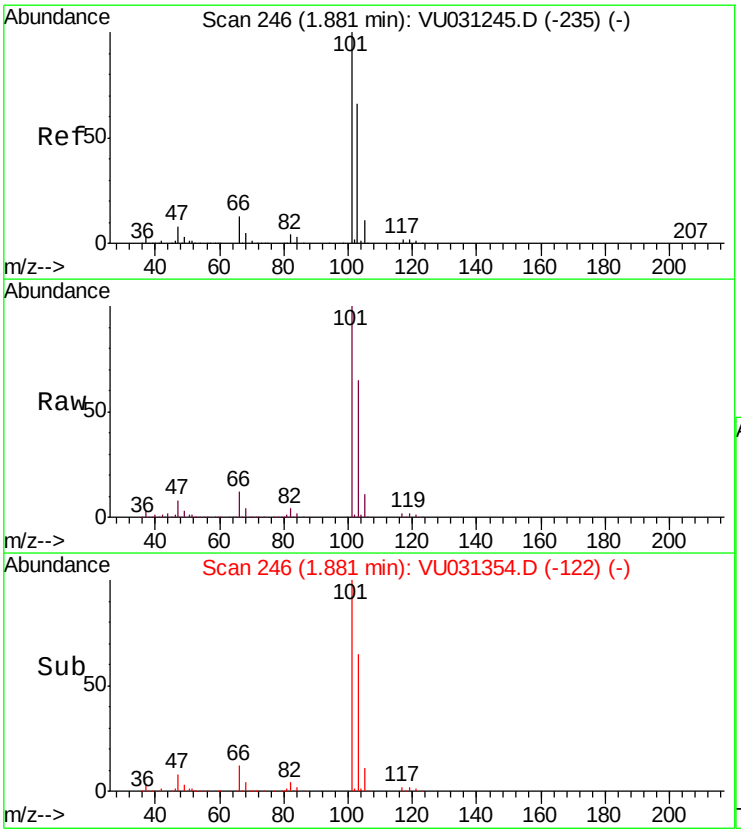
#8
Chloroethane
Concen: 46.118 ug/L
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 64 Resp: 170122

Ion	Ratio	Lower	Upper
64	100		
66	31.5	22.6	42.0

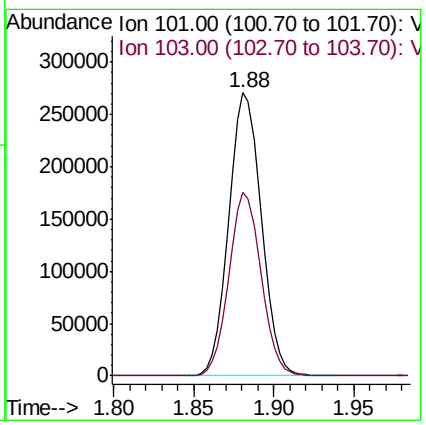


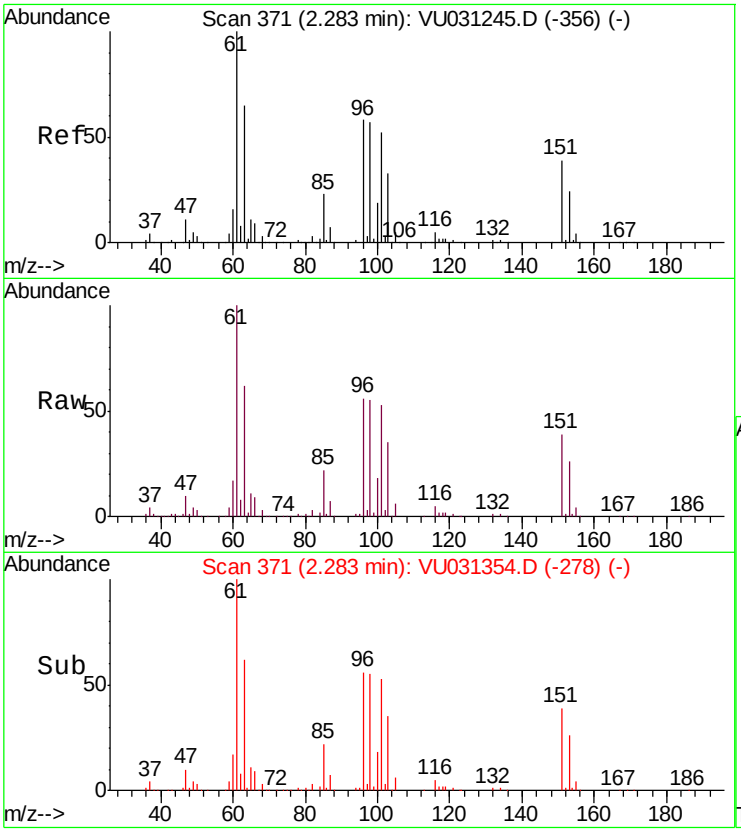


#9
Trichlorofluoromethane
Concen: 46.962 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:101 Resp: 375107

Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.0	79.6



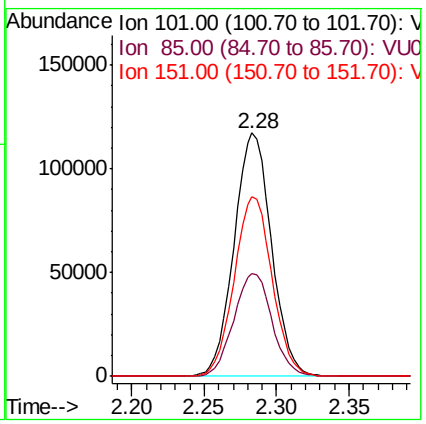


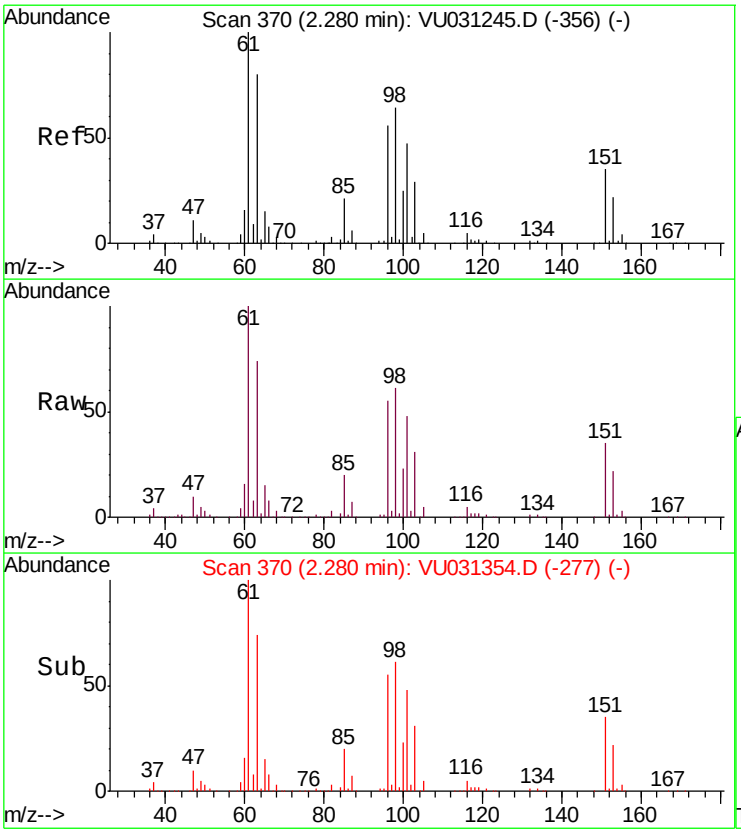
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.284 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:101 Resp: 210091

Ion	Ratio	Lower	Upper
101	100		
85	43.2	35.4	53.0
151	74.8	59.8	89.8

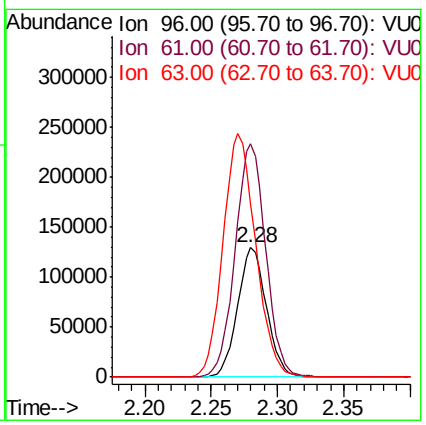


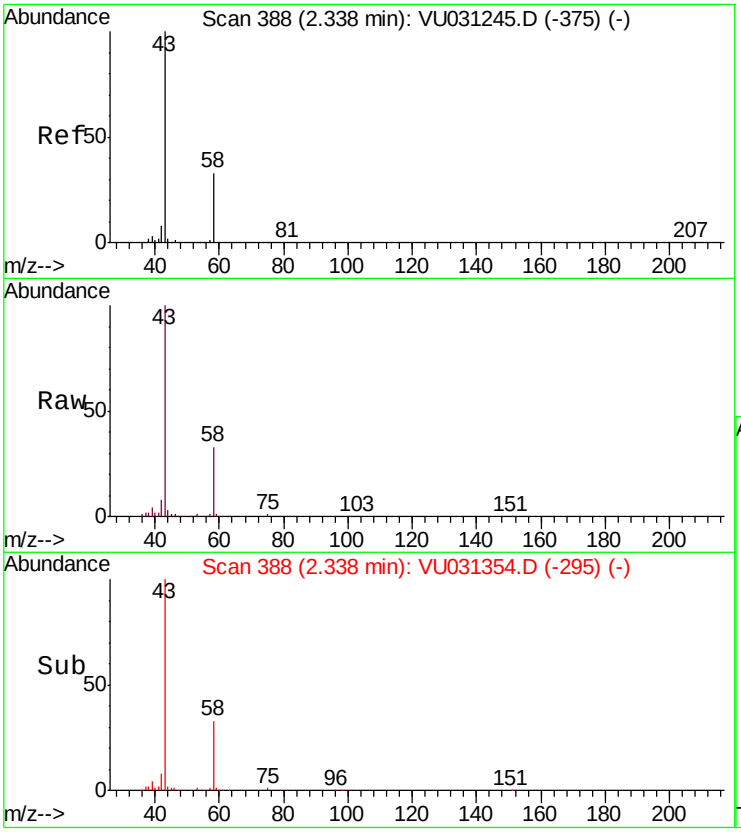


#12
1,1-Dichloroethene
Concen: 47.815 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 96 Resp: 195940

Ion	Ratio	Lower	Upper
96	100		
61	180.5	130.4	242.2
63	134.3	108.9	202.3



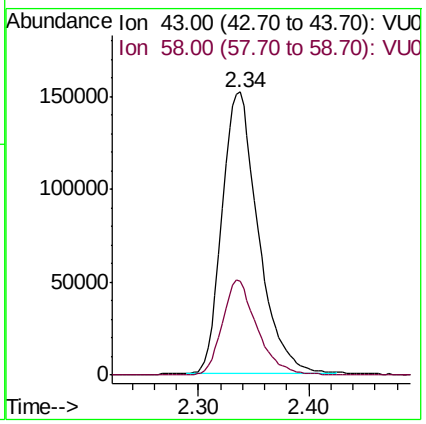


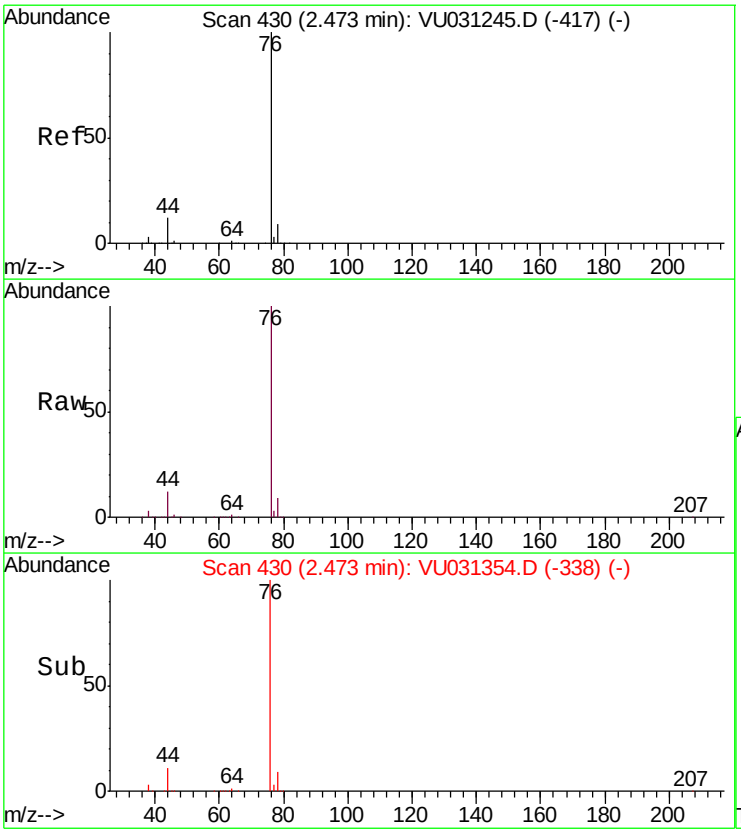
#13
Acetone
Concen: 127.319 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 43 Resp: 344569

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	65.0

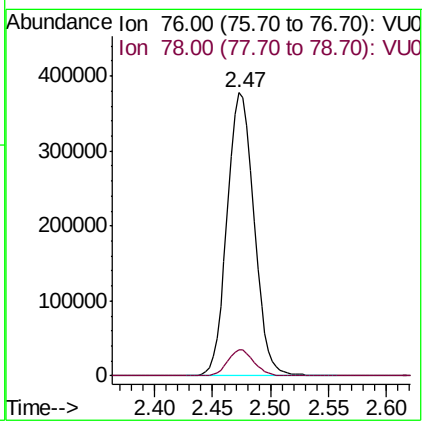


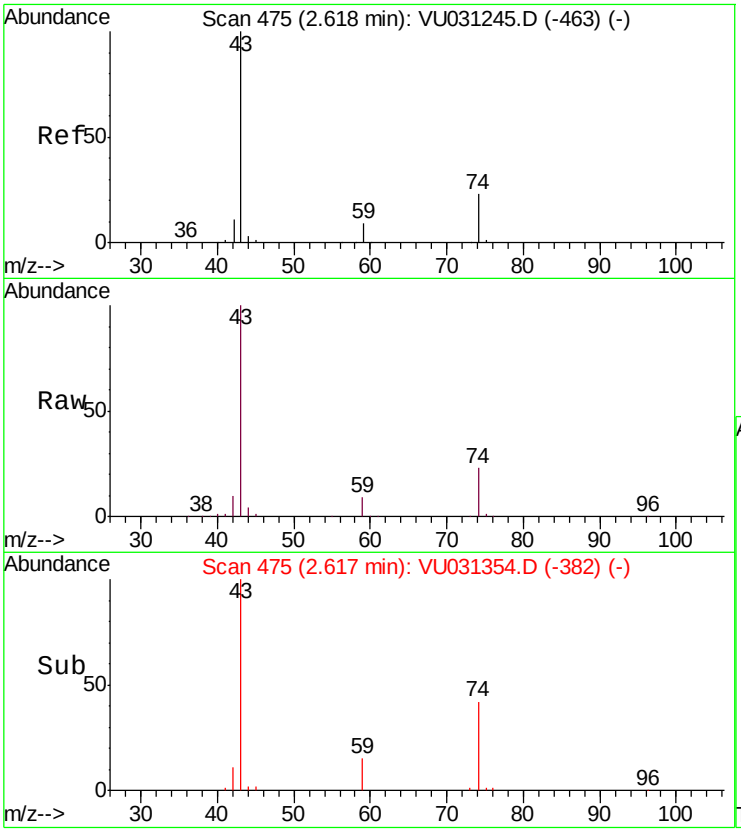


#14
Carbon disulfide
Concen: 54.857 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 76 Resp: 608983

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



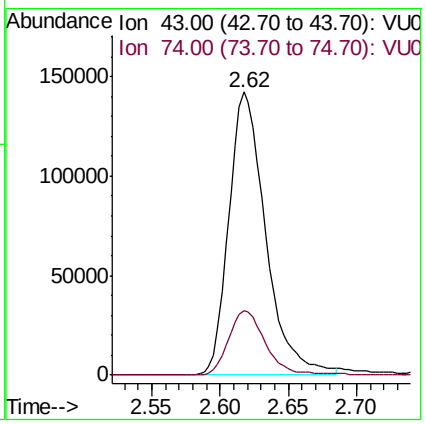


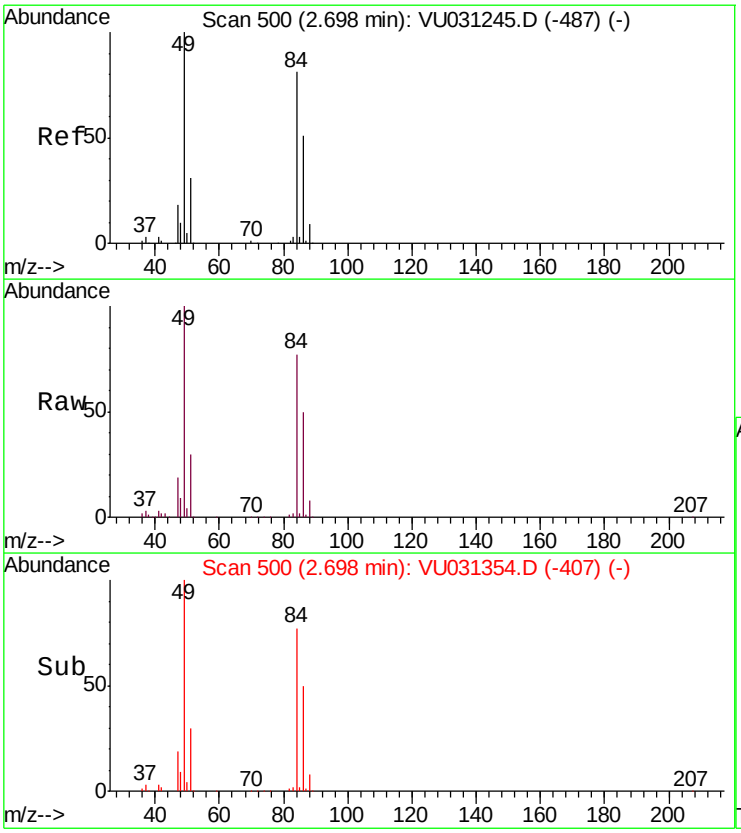
#15
Methyl Acetate
Concen: 56.420 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 43 Resp: 265658

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5

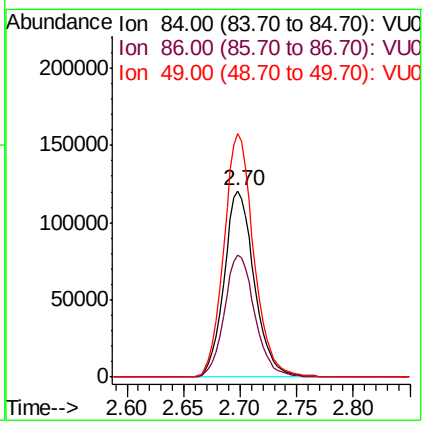


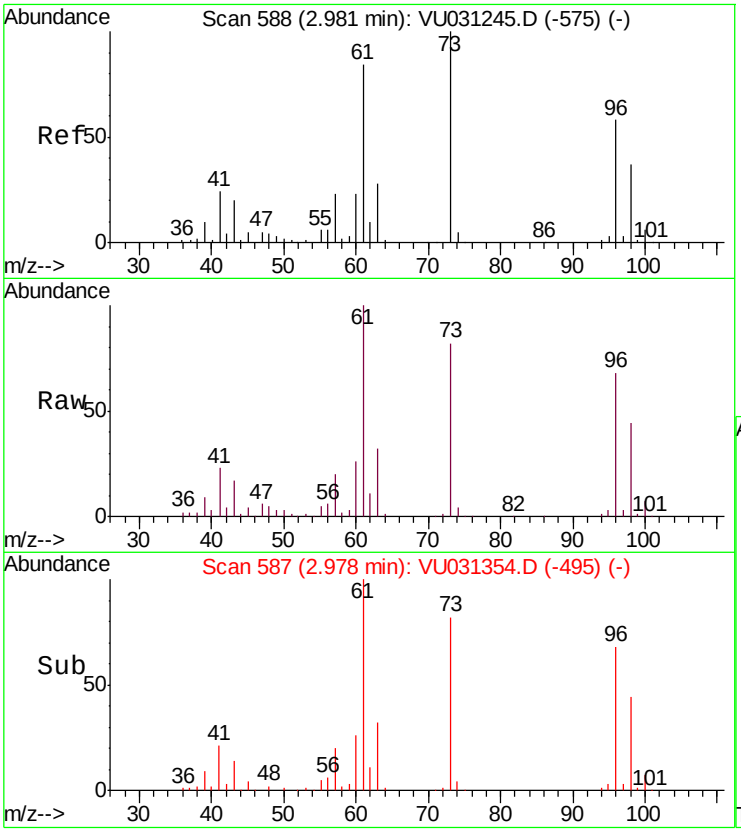


#16
Methylene chloride
Concen: 56.048 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 84 Resp: 224120

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.0	81.8
49	130.6	88.0	163.4



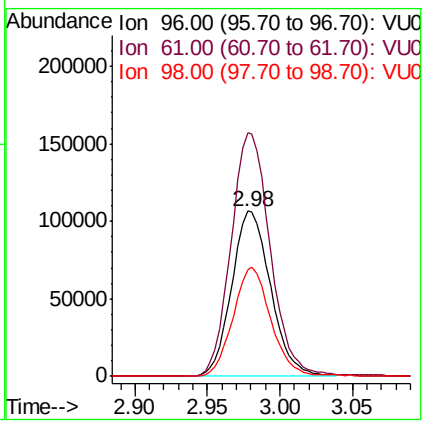


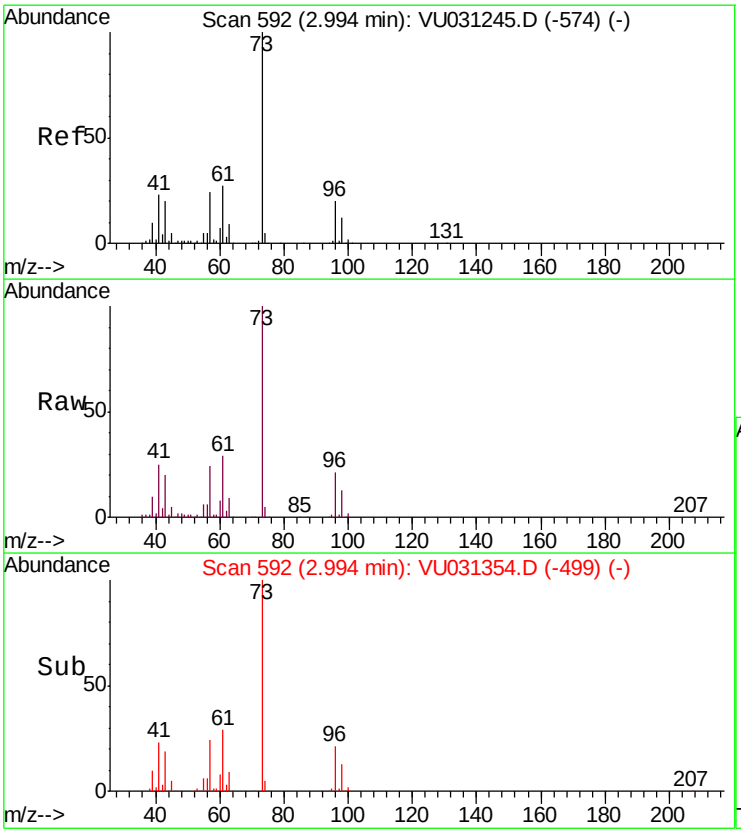
#17
trans-1,2-Dichloroethene
Concen: 53.251 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 96 Resp: 198825

Ion	Ratio	Lower	Upper
96	100		
61	147.6	105.5	195.9
98	64.3	45.4	84.4

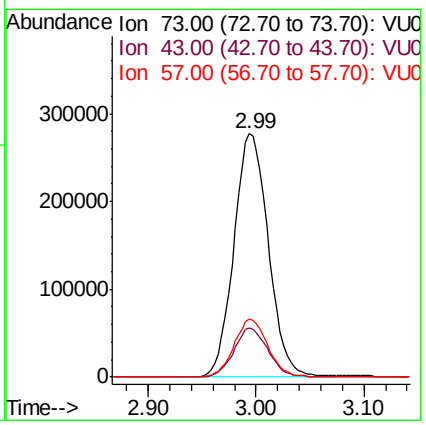


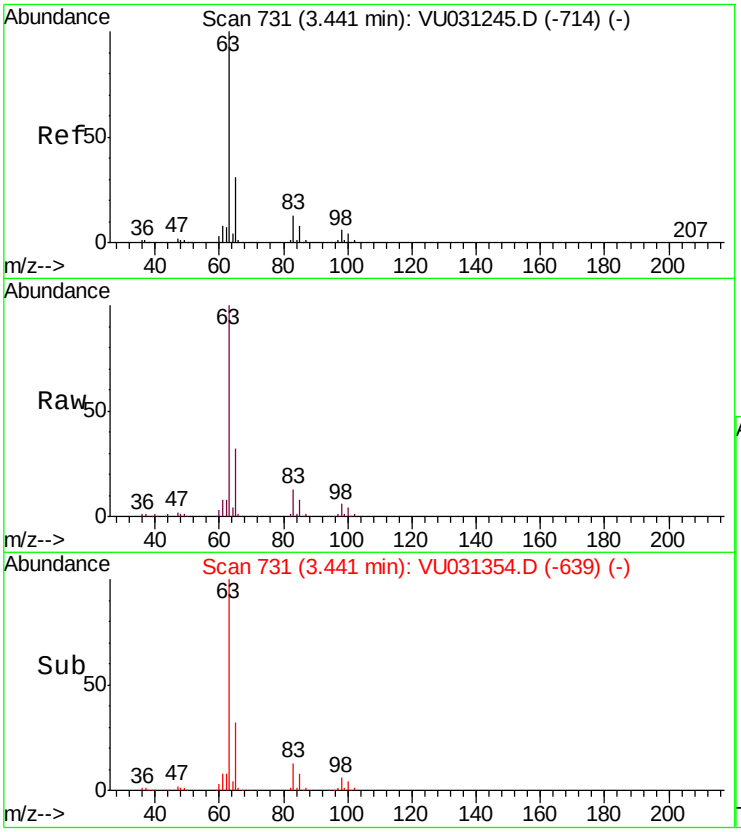


#18
Methyl tert-butyl Ether
Concen: 52.563 ug/L
RT: 2.99 min Scan# 592
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 73 Resp: 617985

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.6	23.4
57	23.4	18.0	27.0



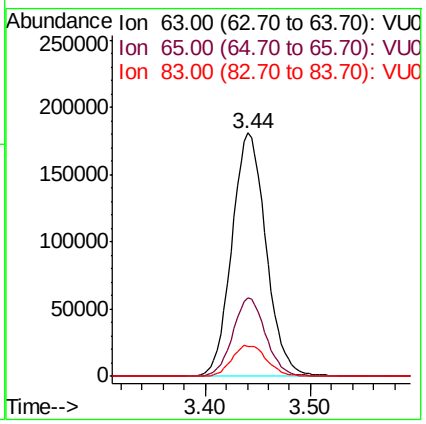


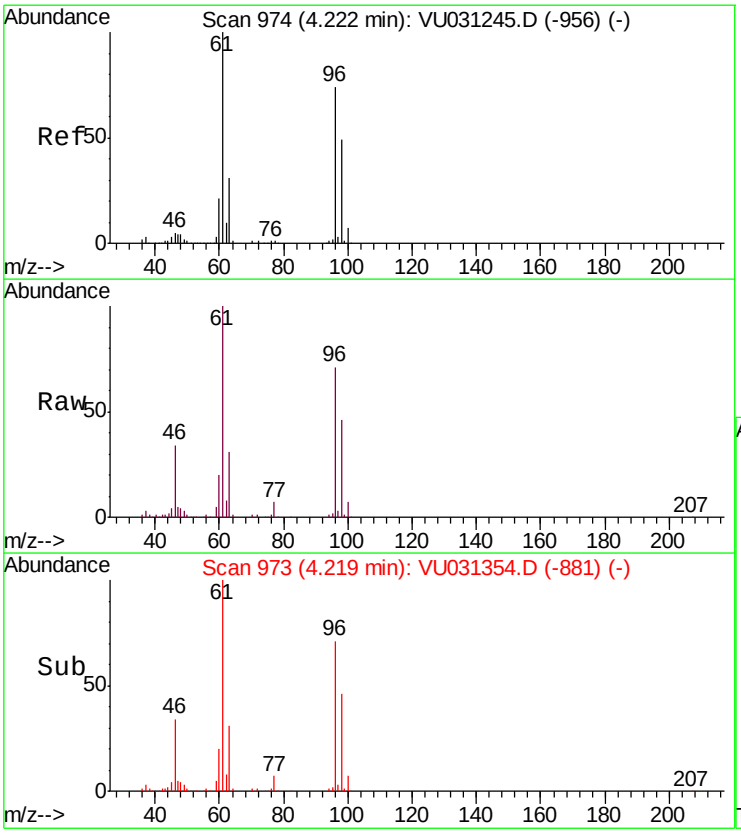
#19
1,1-Dichloroethane
Concen: 54.808 ug/L
RT: 3.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 63 Resp: 406763

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.8	42.4
83	12.5	9.7	17.9

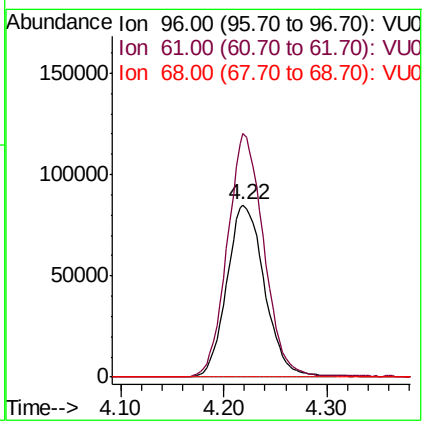


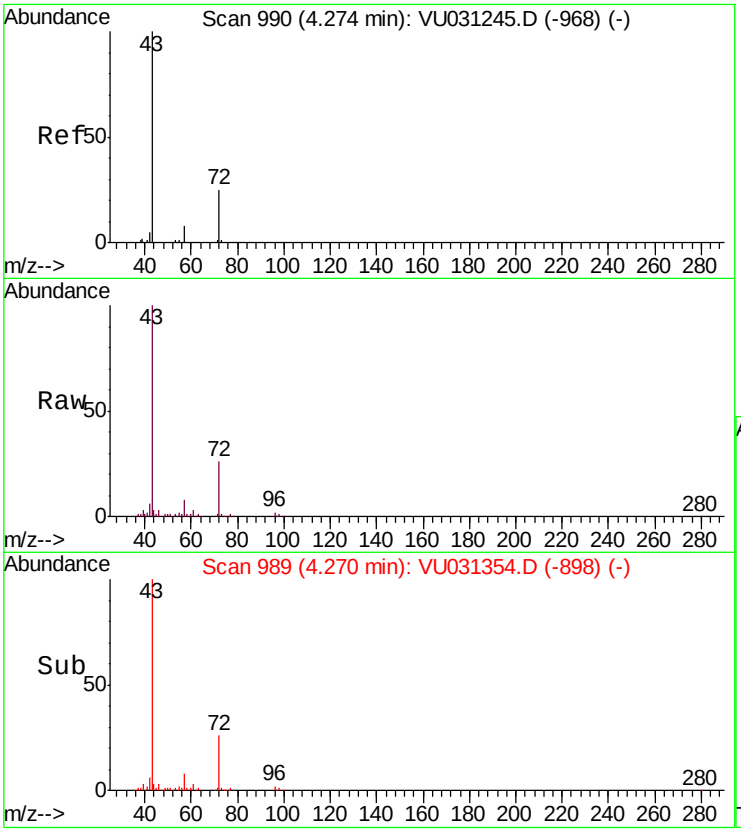


#20
cis-1,2-Dichloroethene
Concen: 49.854 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 96 Resp: 216630

Ion	Ratio	Lower	Upper
96	100		
61	141.5	98.2	182.4
68	0.0	0.0	0.0



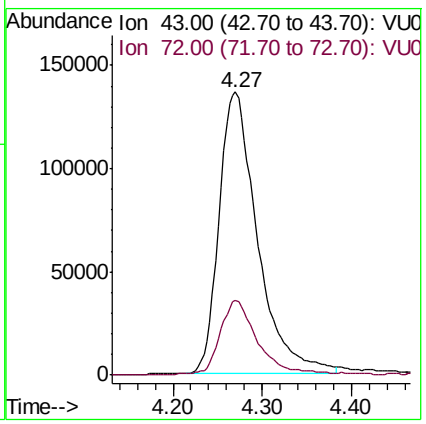


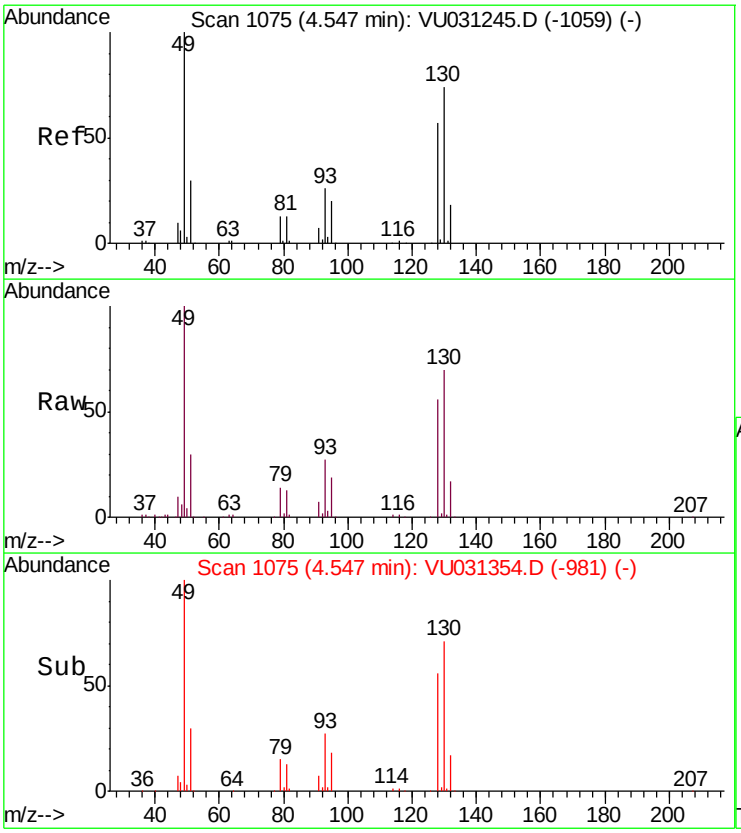
#22
2-Butanone
Concen: 109.358 ug/L
RT: 4.27 min Scan# 989
Delta R.T. -0.01 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 43 Resp: 405596

Ion	Ratio	Lower	Upper
43	100		
72	25.1	12.6	37.8

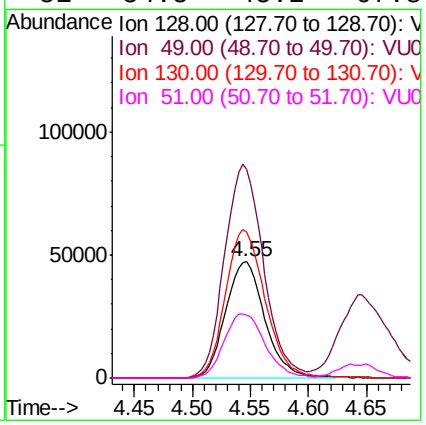


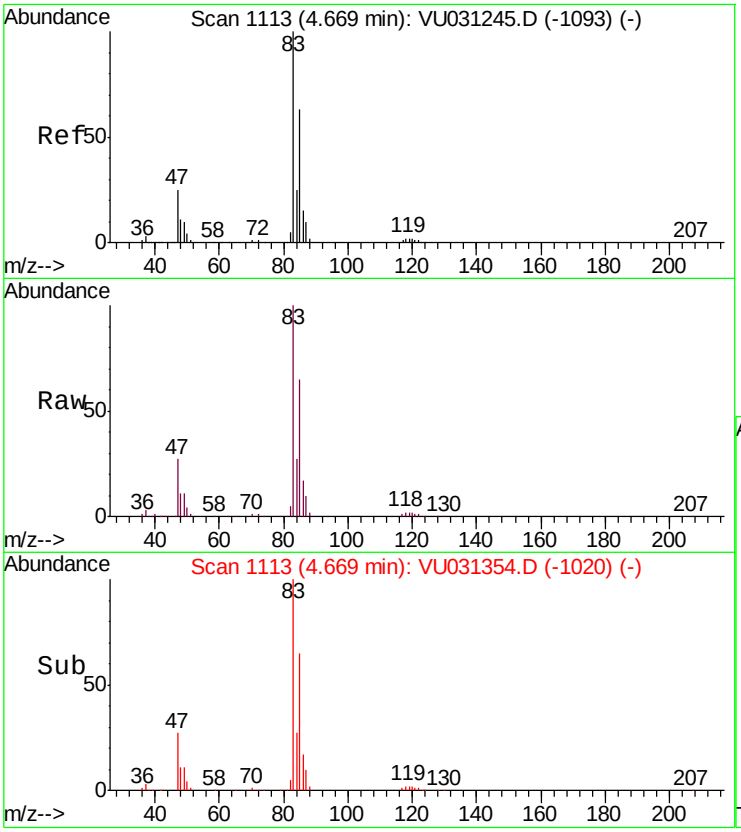


#23
Bromochloromethane
Concen: 51.458 ug/L
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:128 Resp: 110774

Ion	Ratio	Lower	Upper
128	100		
49	179.9	124.0	230.4
130	125.6	89.7	166.5
51	54.5	45.2	67.8



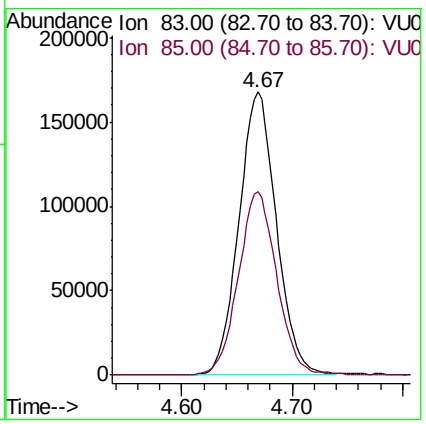


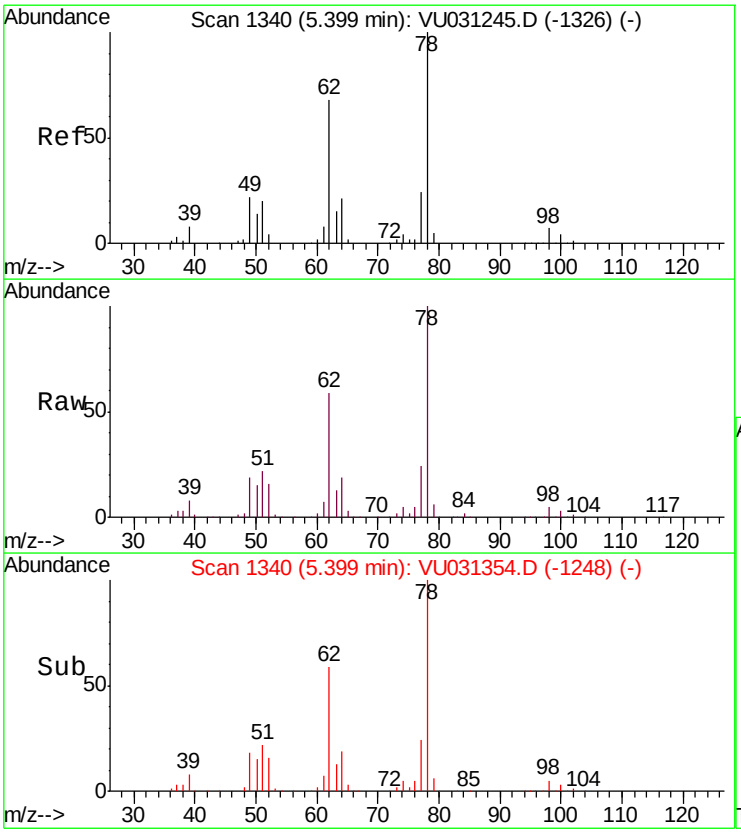
#25
Chloroform
Concen: 51.960 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 83 Resp: 395524

Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.8	83.2

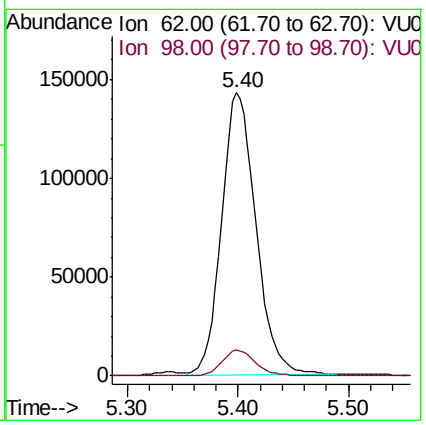


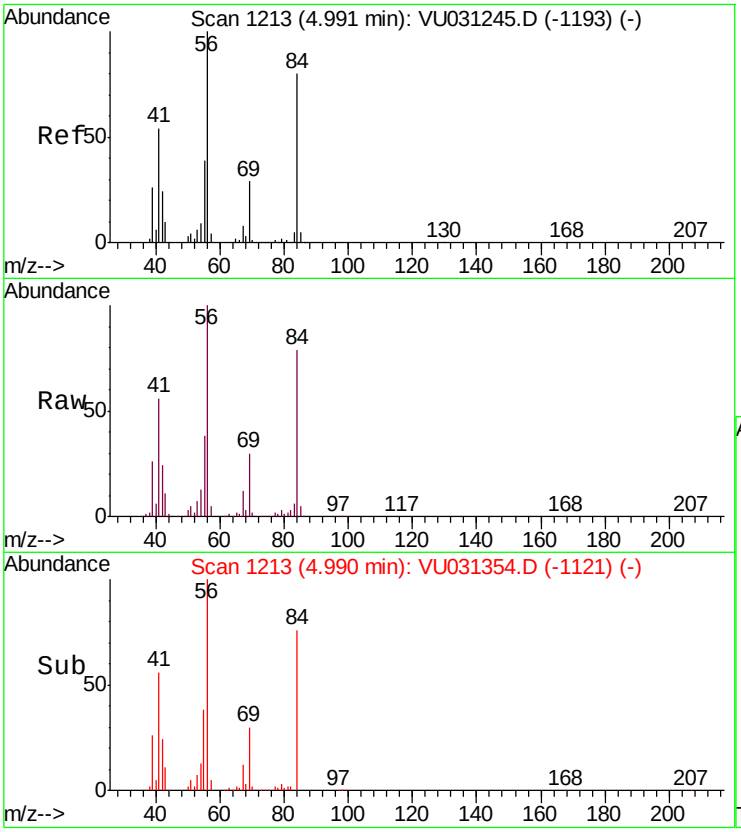


#27
1,2-Dichloroethane
Concen: 53.226 ug/L
RT: 5.40 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 62 Resp: 308165

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.0	10.6



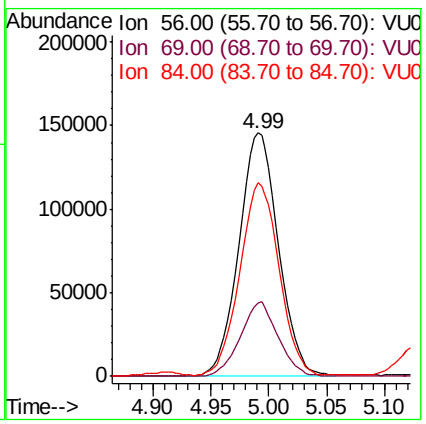


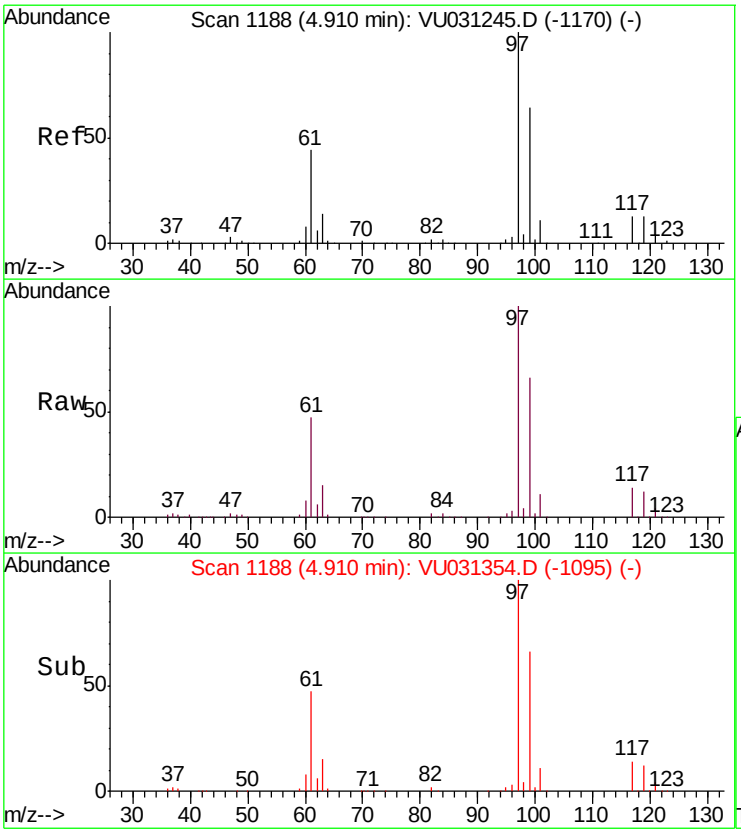
#29
Cyclohexane
Concen: 46.765 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 56 Resp: 346079

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.0	34.6
84	78.2	61.8	92.6

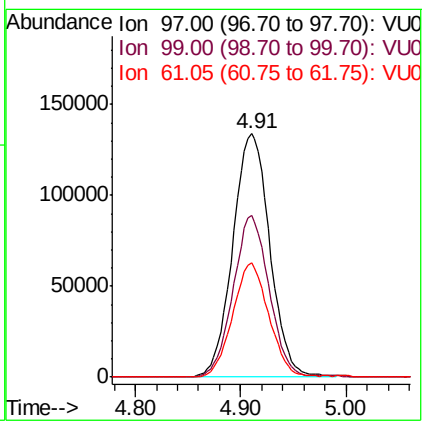


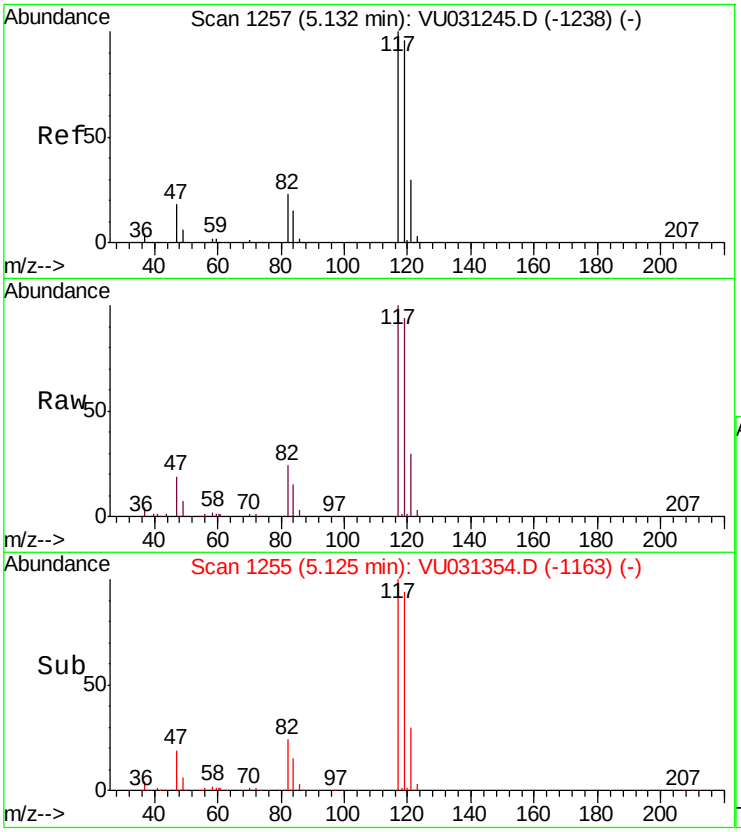


#30
1,1,1-Trichloroethane
Concen: 46.950 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 97 Resp: 326865

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	45.8	35.0	52.4



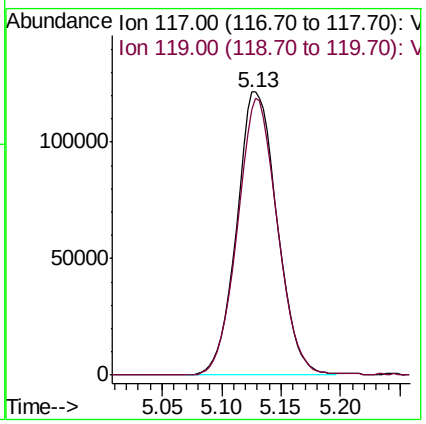


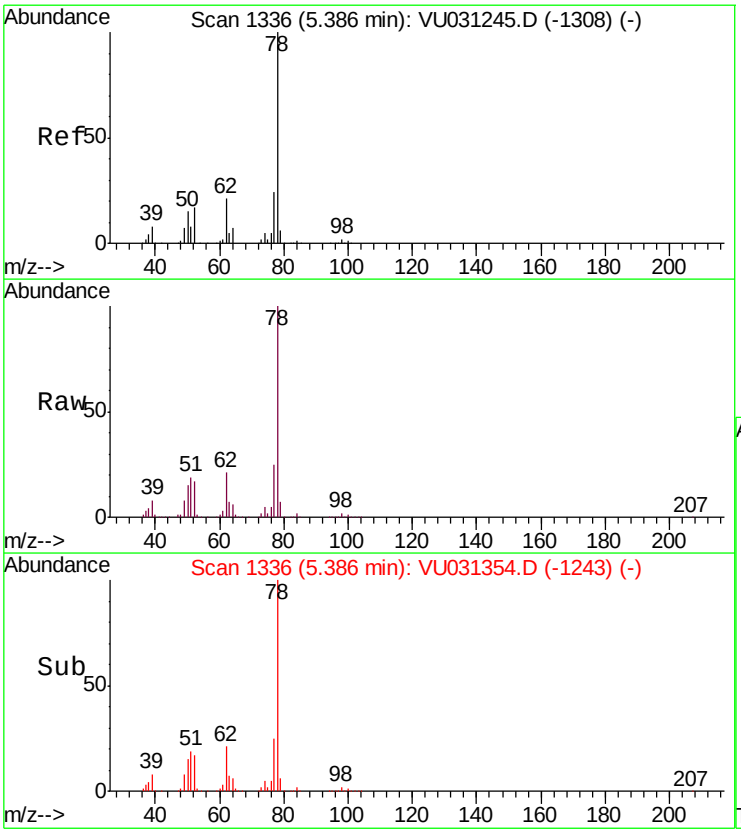
#31
Carbon tetrachloride
Concen: 47.448 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:117 Resp: 285803

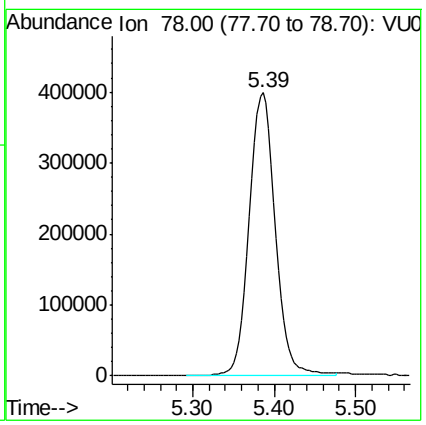
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.0	117.0

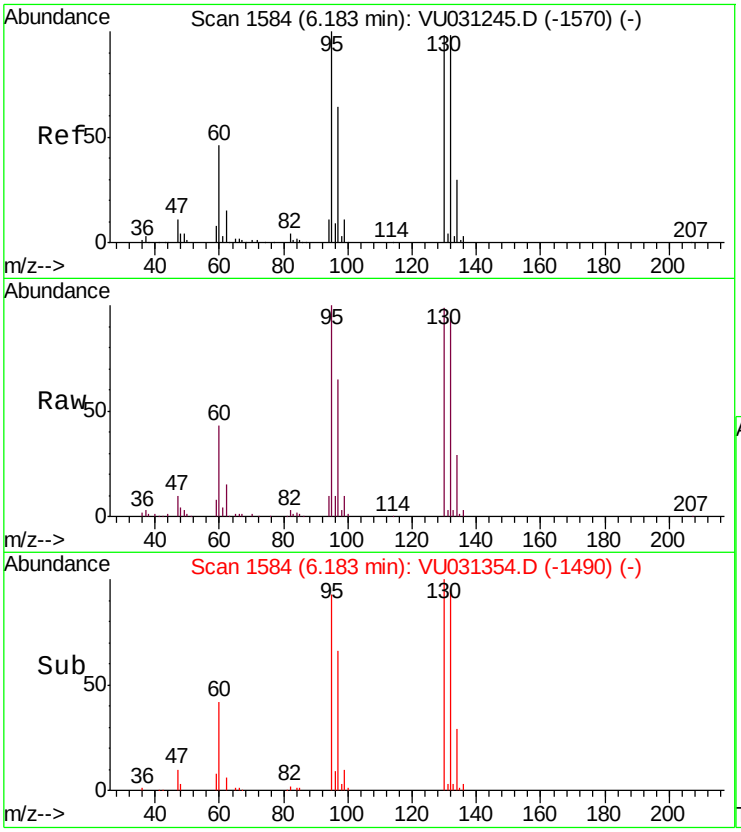




#33
Benzene
Concen: 49.701 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 78 Resp: 879523



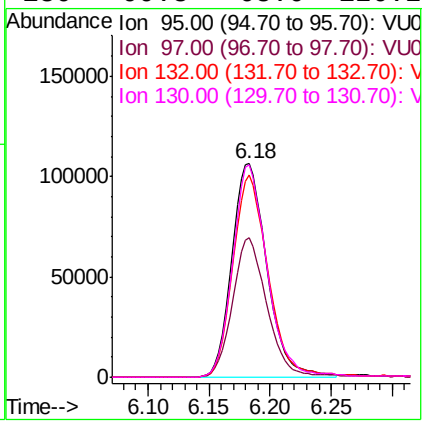


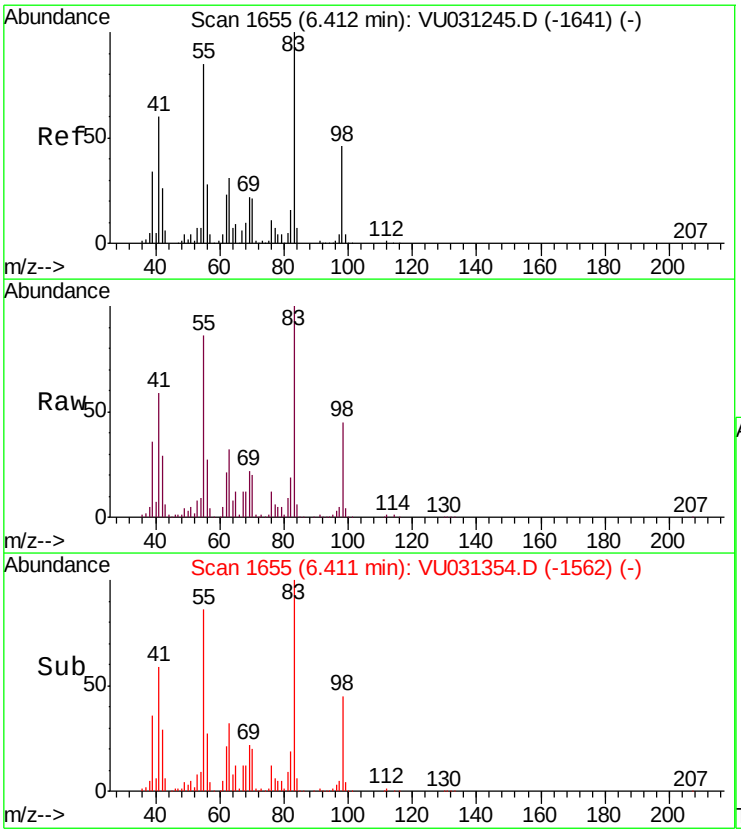
#34
Trichloroethene
Concen: 47.918 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 95 Resp: 212171

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.6	81.0
132	94.6	64.5	119.7
130	99.3	68.0	126.2

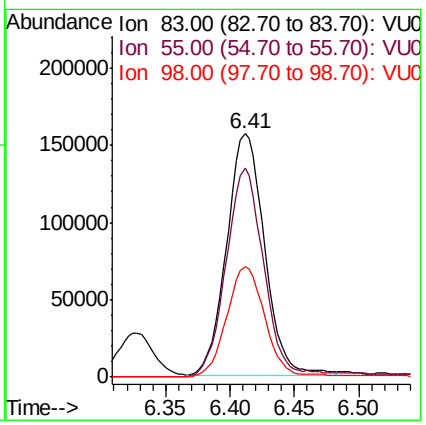


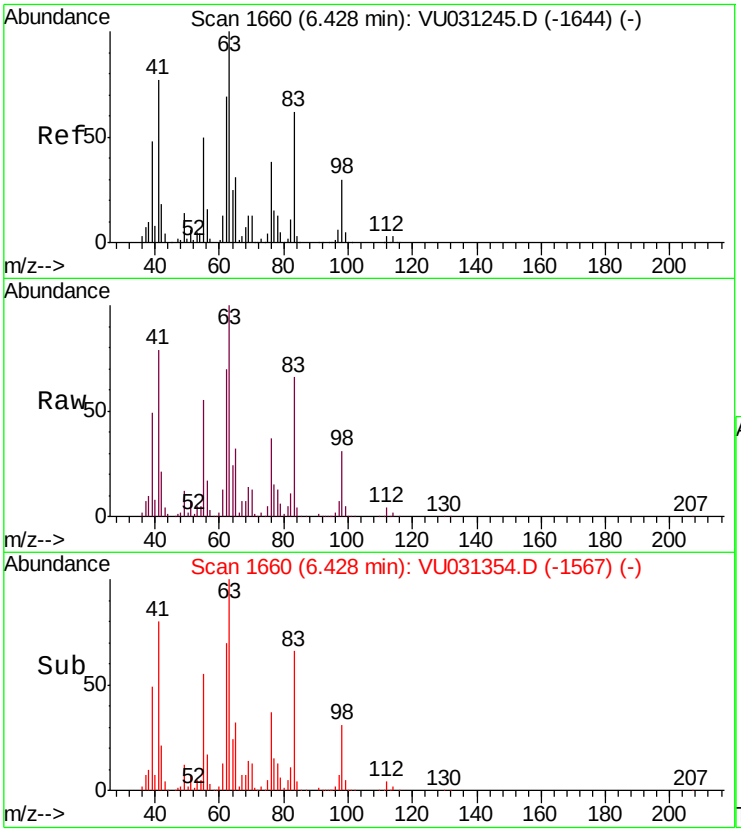


#35
Methylcyclohexane
Concen: 48.283 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 83 Resp: 318275

Ion	Ratio	Lower	Upper
83	100		
55	85.3	67.0	100.4
98	45.9	36.9	55.3



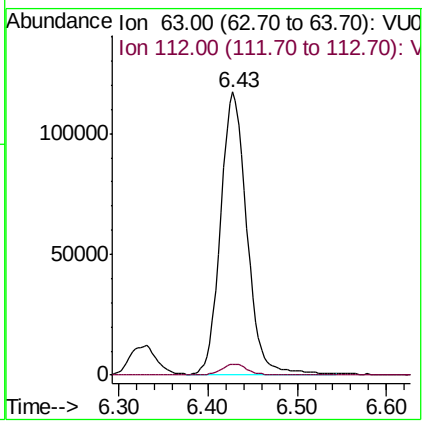


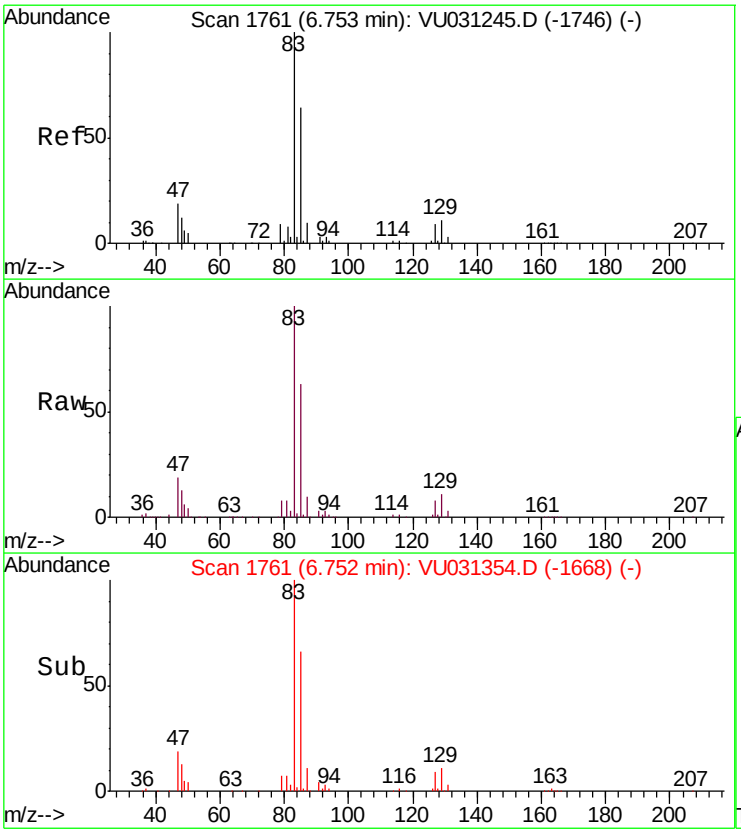
#37
1,2-Dichloropropane
Concen: 50.788 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 63 Resp: 238020

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.3	4.9

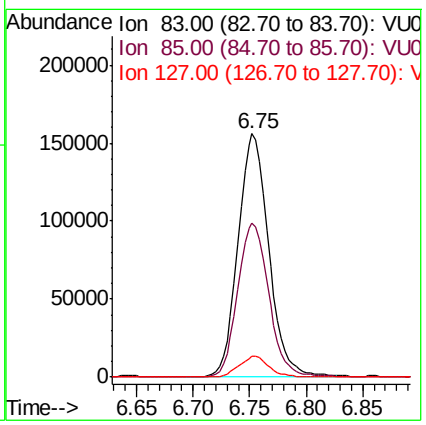


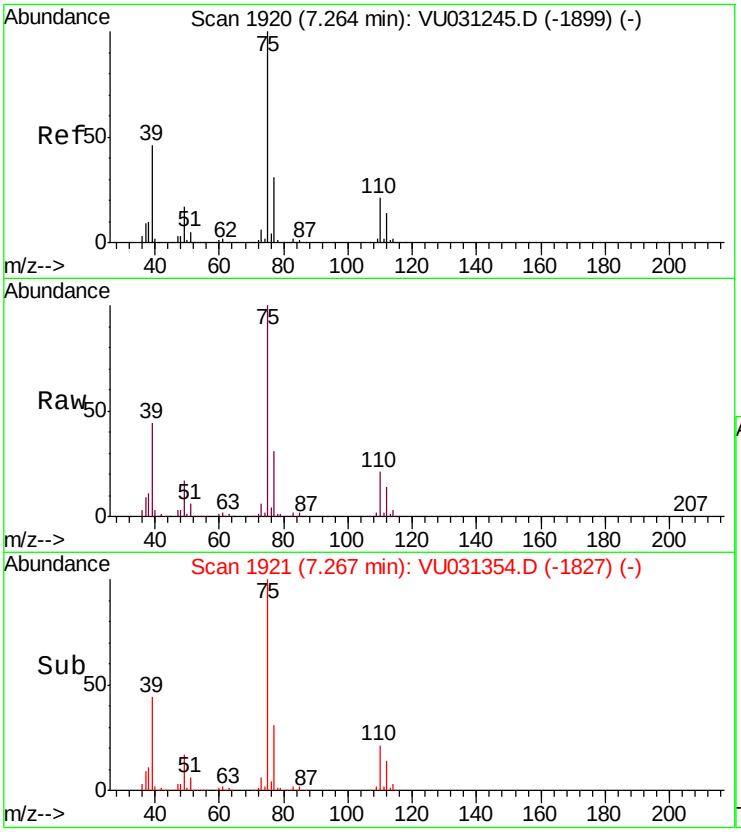


#38
Bromodichloromethane
Concen: 49.165 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 83 Resp: 292859

Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.5	82.7
127	8.5	6.6	9.8



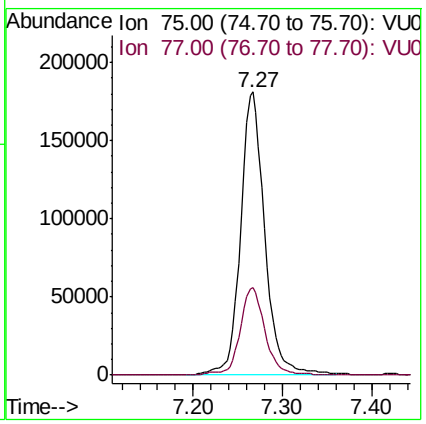


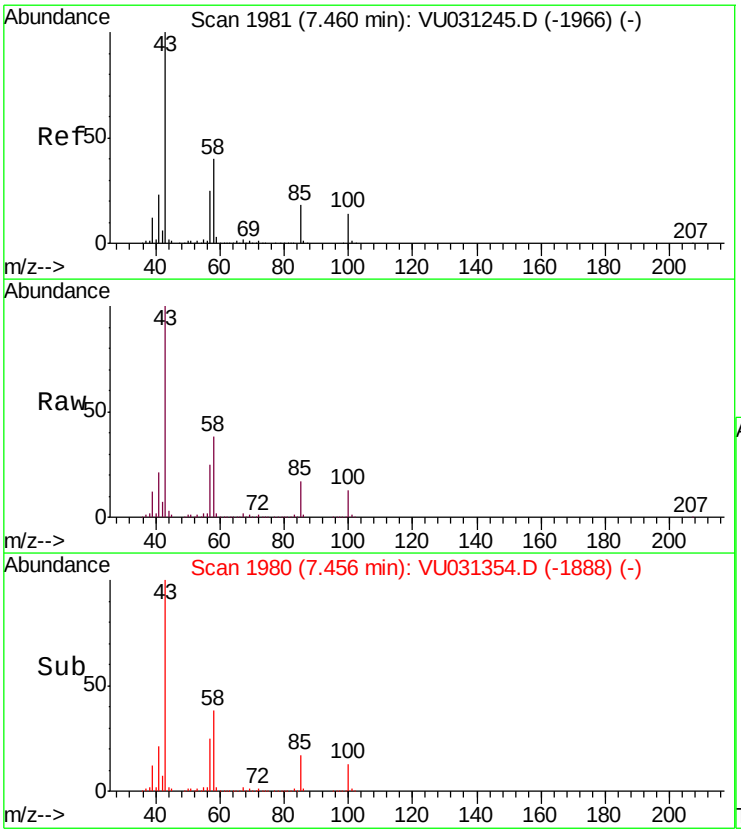
#39
cis-1,3-Dichloropropene
Concen: 48.516 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 75 Resp: 340732

Ion	Ratio	Lower	Upper
75	100		
77	31.1	22.7	42.1

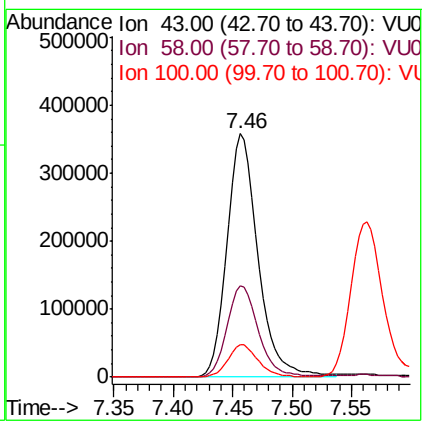


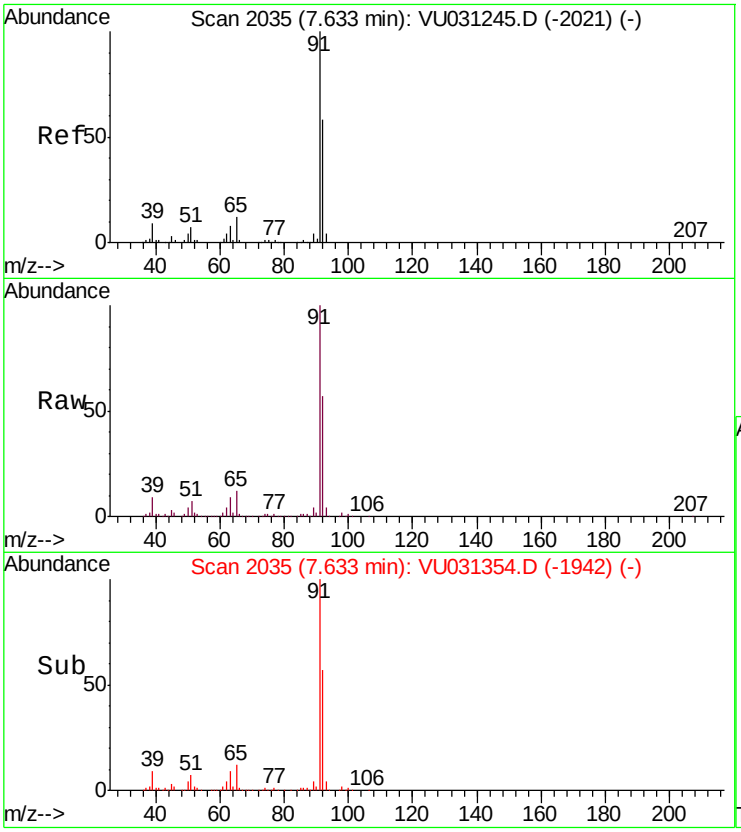


#40
4-Methyl-2-pentanone
Concen: 97.955 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 43 Resp: 647676

Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.0	46.4
100	13.0	10.6	16.0



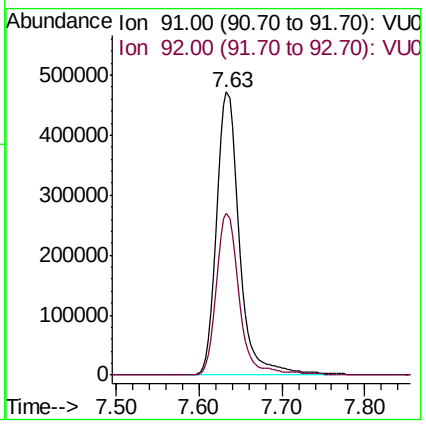


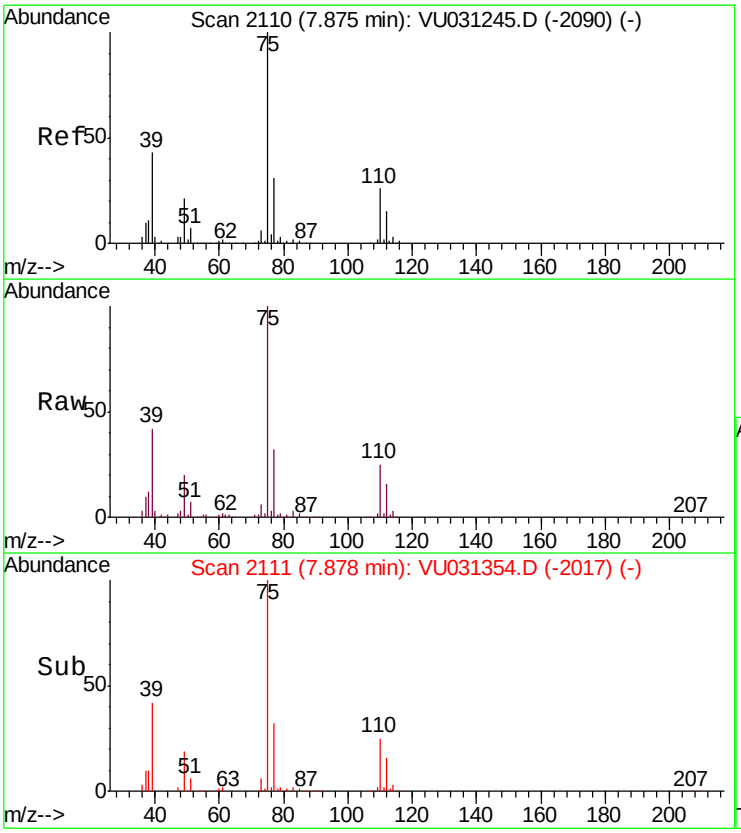
#42
Toluene
Concen: 51.117 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 91 Resp: 899810

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.1	74.5

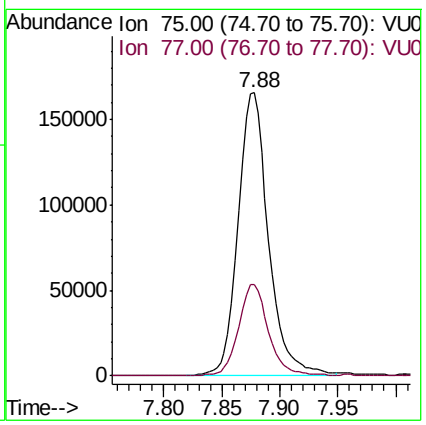


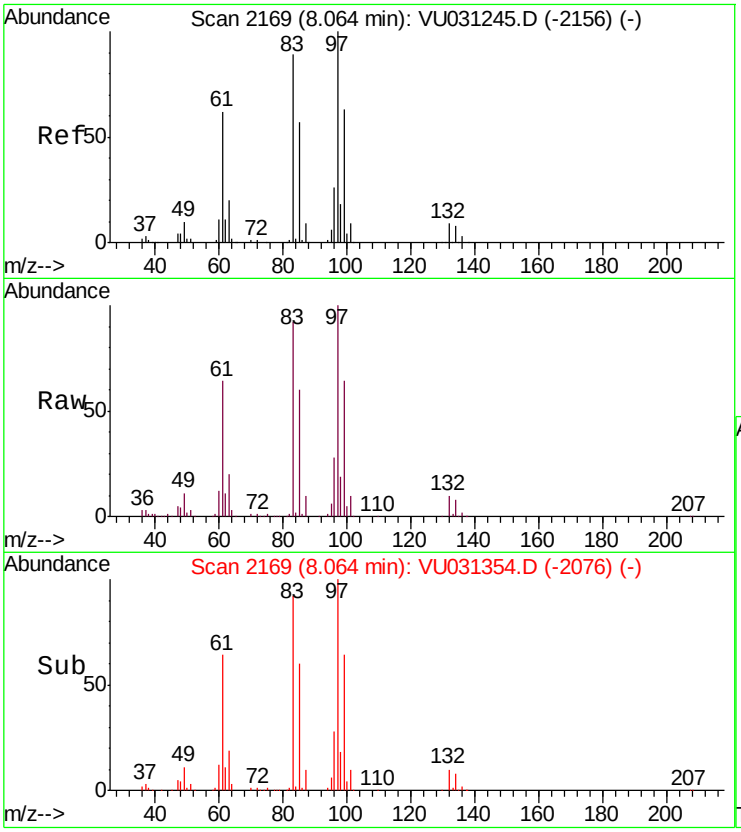


#44
trans-1,3-Dichloropropene
Concen: 49.698 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 75 Resp: 303052

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	42.4



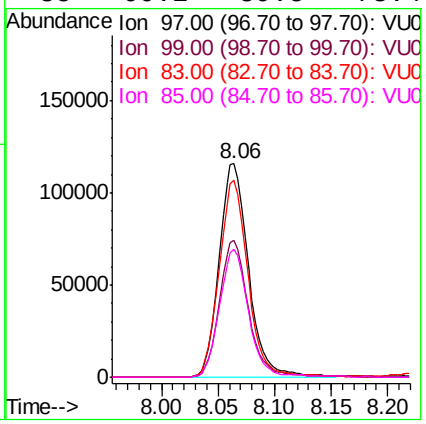


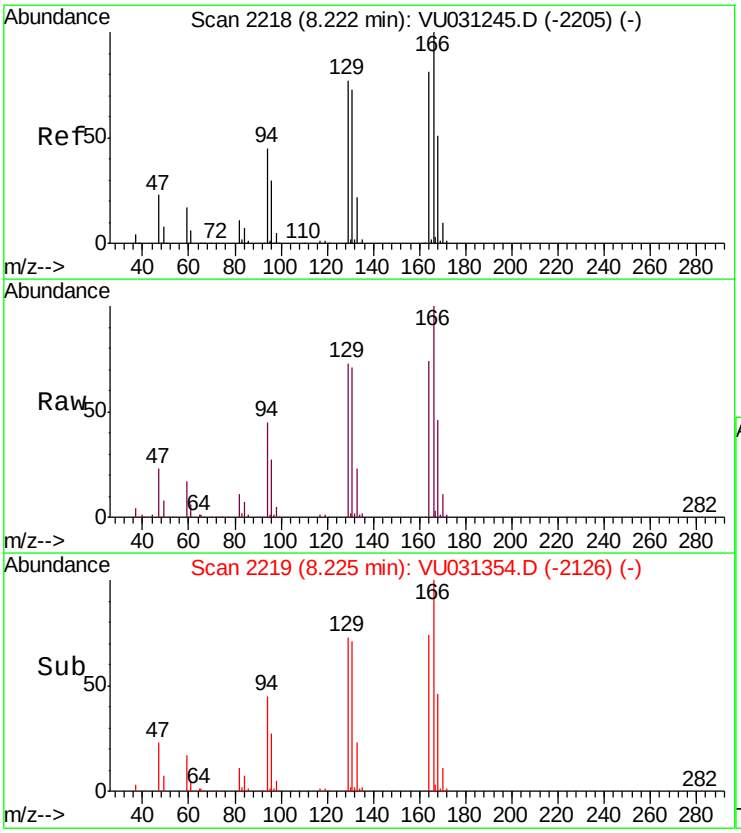
#45
1,1,2-Trichloroethane
Concen: 49.828 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 97 Resp: 210177

Ion	Ratio	Lower	Upper
97	100		
99	64.2	42.2	78.4
83	92.4	59.8	111.1
85	60.2	39.5	73.4

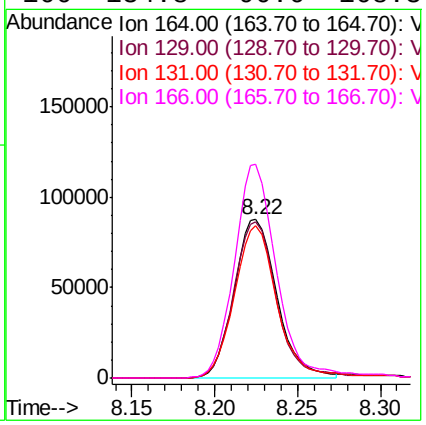


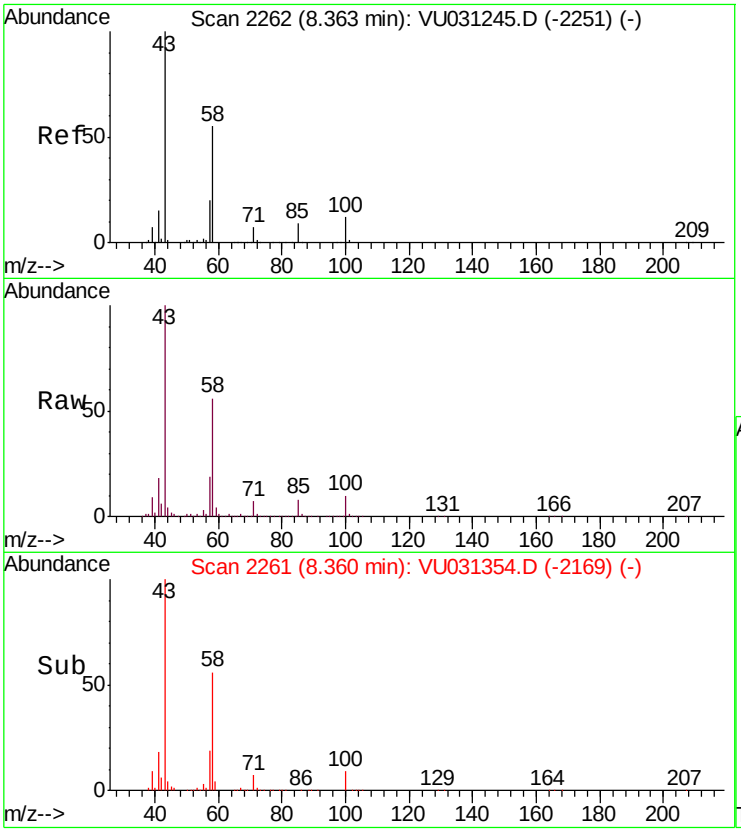


#46
Tetrachloroethene
Concen: 47.423 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:164 Resp: 157932

Ion	Ratio	Lower	Upper
164	100		
129	98.5	66.5	123.5
131	96.2	62.3	115.7
166	134.8	90.6	168.3



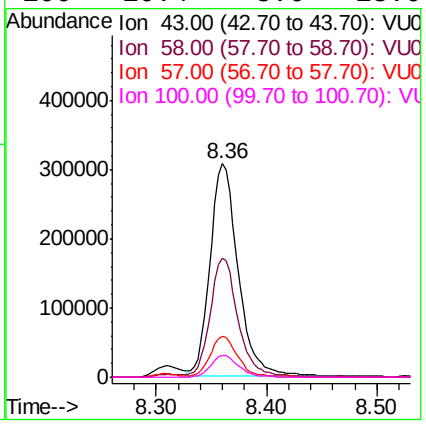


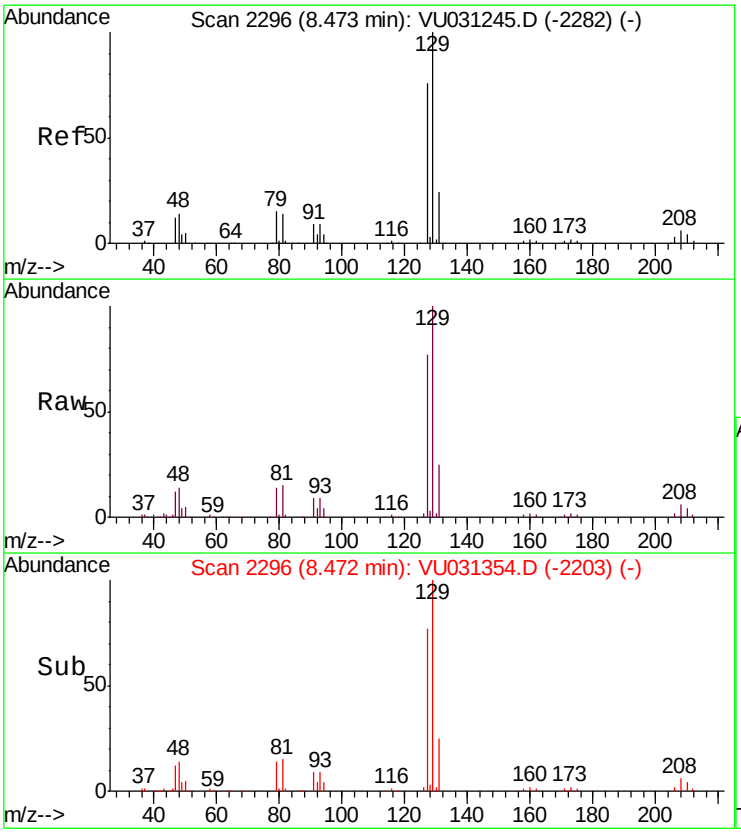
#48
2-Hexanone
Concen: 103.012 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 43 Resp: 541718

Ion	Ratio	Lower	Upper
43	100		
58	55.0	44.9	67.3
57	18.7	15.1	22.7
100	10.4	8.6	13.0

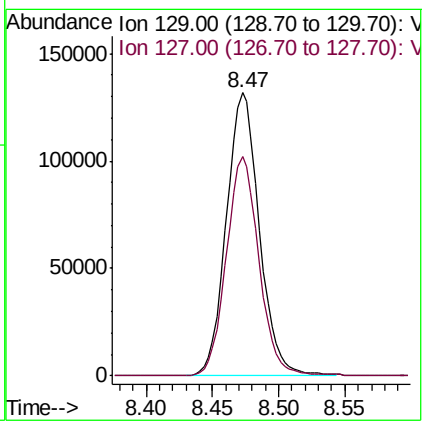


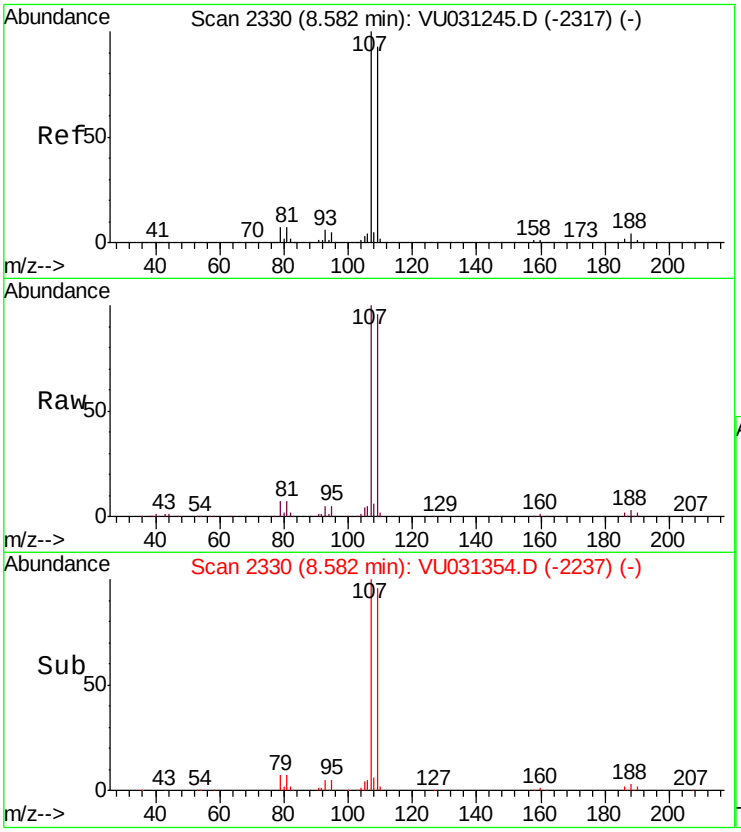


#49
Dibromochloromethane
Concen: 50.011 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:129 Resp: 228006

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6



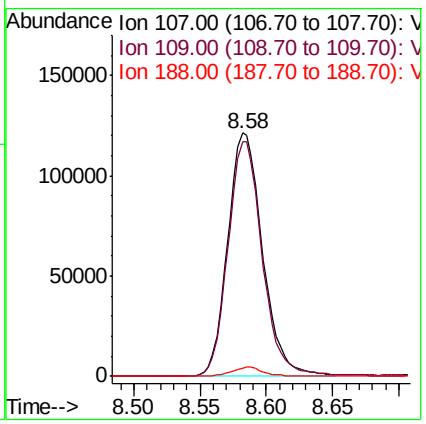


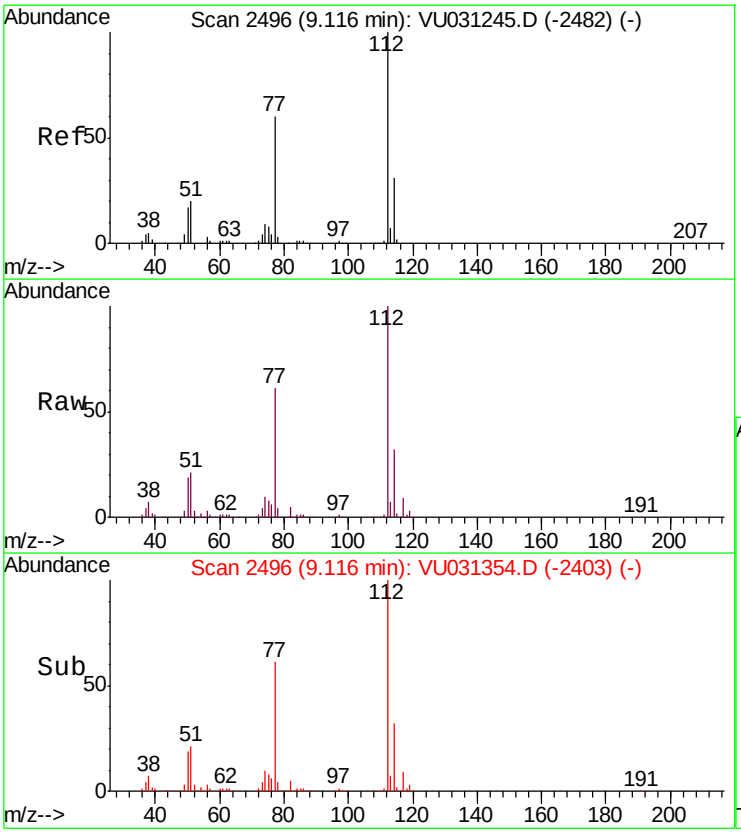
#50
1,2-Dibromoethane
Concen: 49.733 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:107 Resp: 221626

Ion	Ratio	Lower	Upper
107	100		
109	96.5	65.0	120.8
188	3.3	2.9	4.3

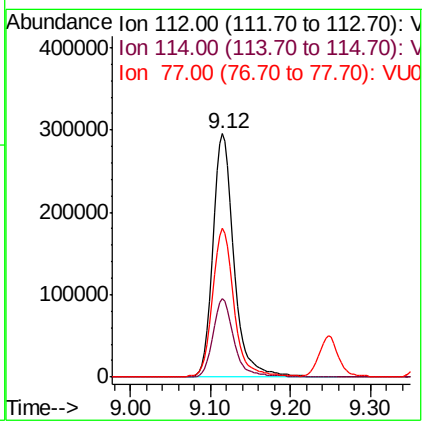


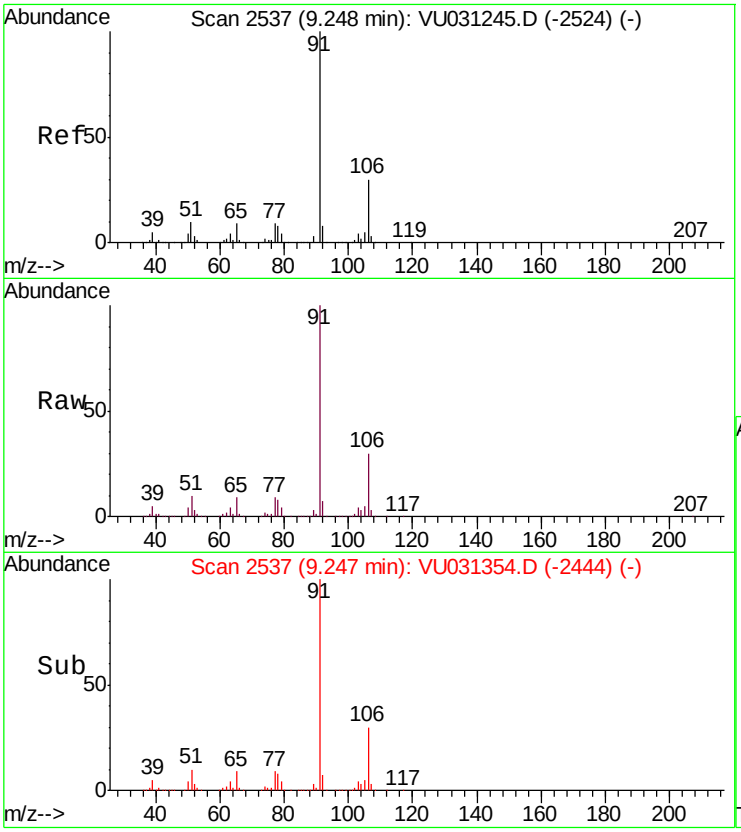


#51
Chlorobenzene
Concen: 49.185 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:112 Resp: 541112

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.6	40.0
77	60.9	49.0	73.4



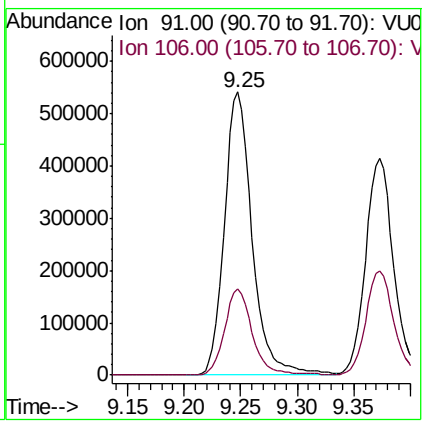


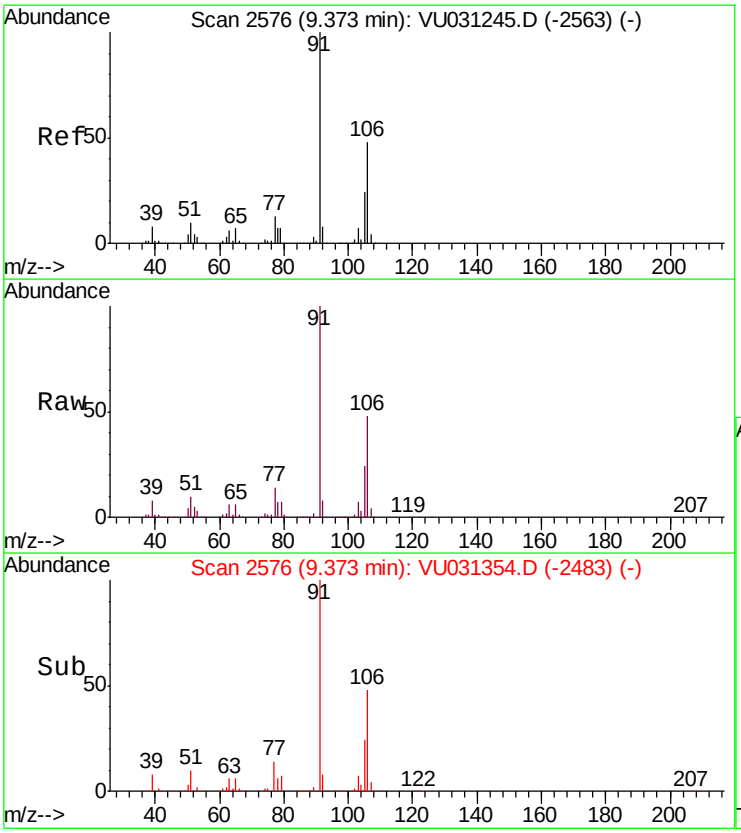
#52
Ethylbenzene
Concen: 48.349 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 91 Resp: 926515

Ion	Ratio	Lower	Upper
91	100		
106	30.3	20.9	38.7

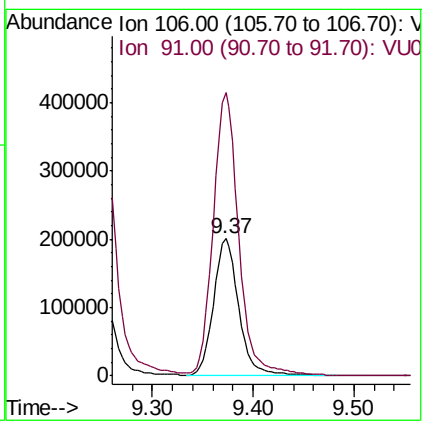


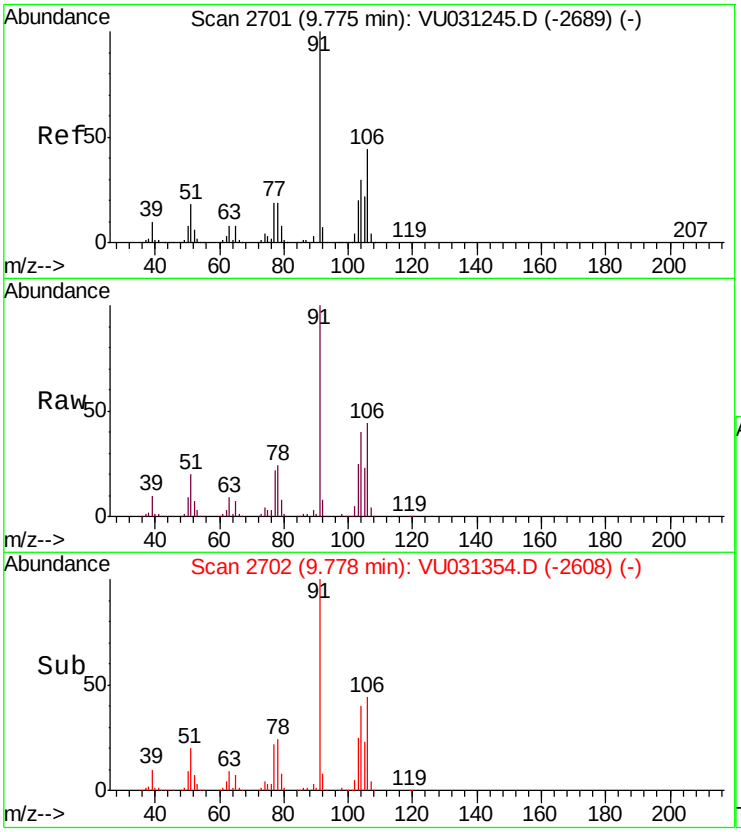


#53
m,p-Xylene
Concen: 51.915 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:106 Resp: 351074

Ion	Ratio	Lower	Upper
106	100		
91	206.8	144.5	268.4



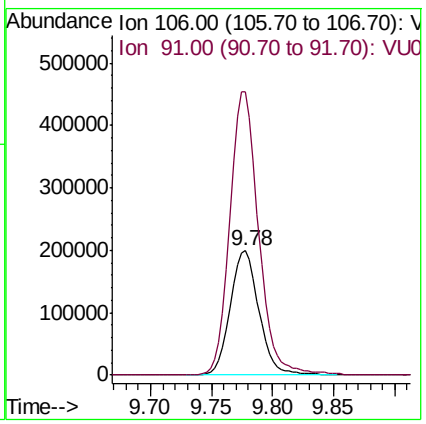


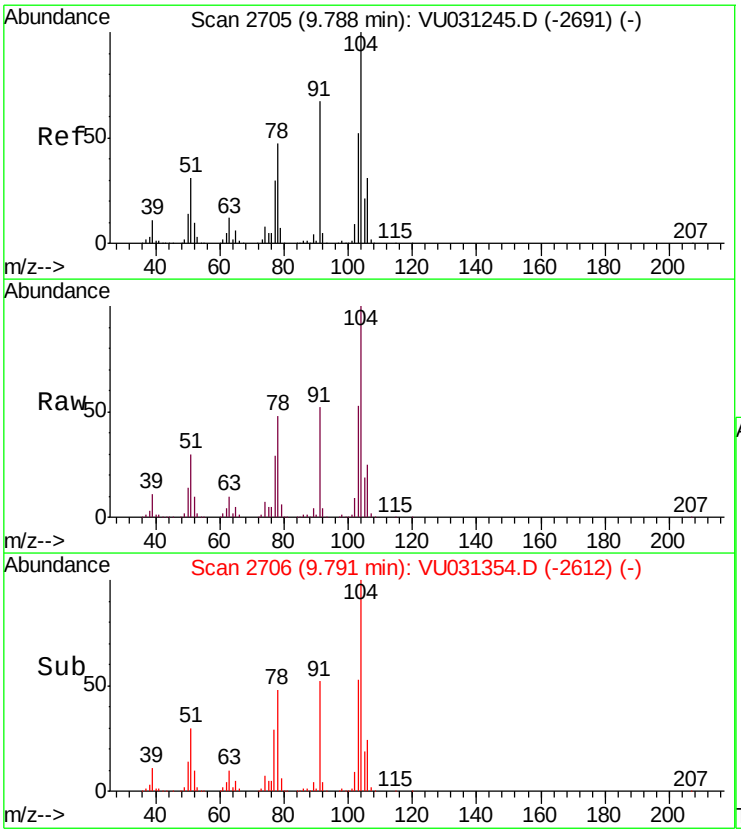
#54
o-xylene
Concen: 47.902 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:106 Resp: 328047

Ion	Ratio	Lower	Upper
106	100		
91	227.2	154.3	286.5

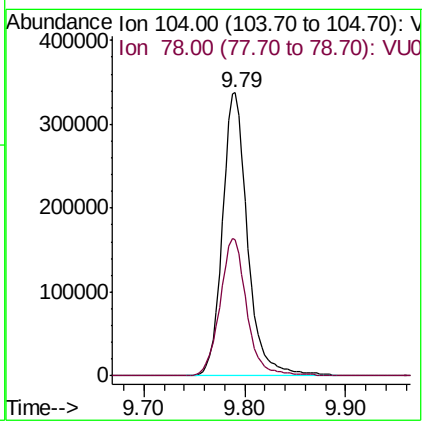


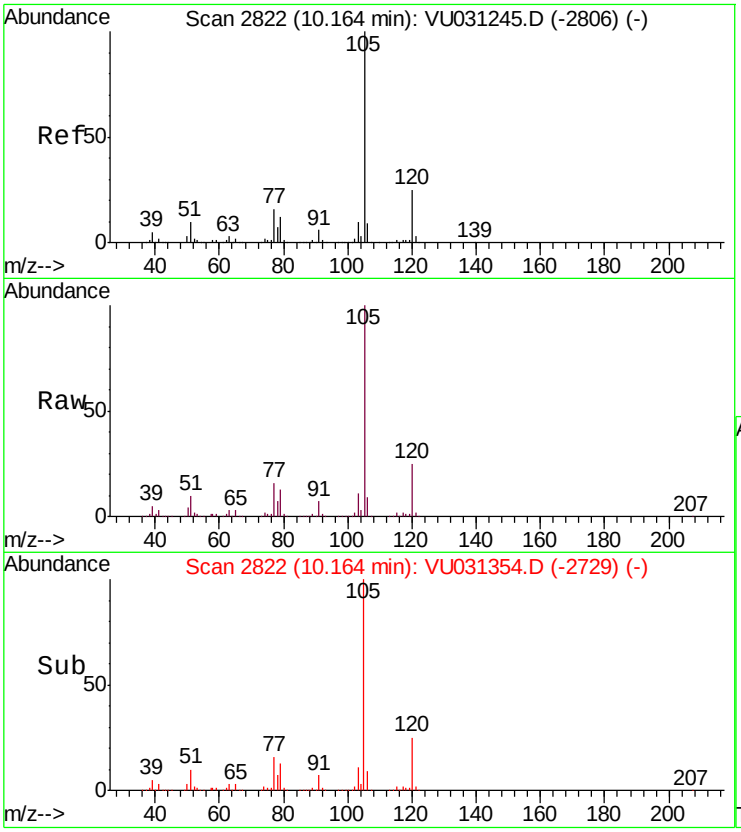


#55
Styrene
Concen: 50.898 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:104 Resp: 588388

Ion	Ratio	Lower	Upper
104	100		
78	48.0	32.8	61.0



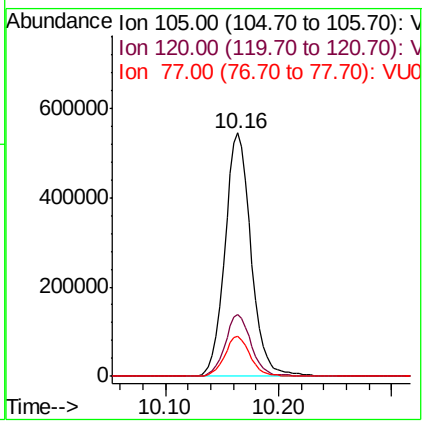


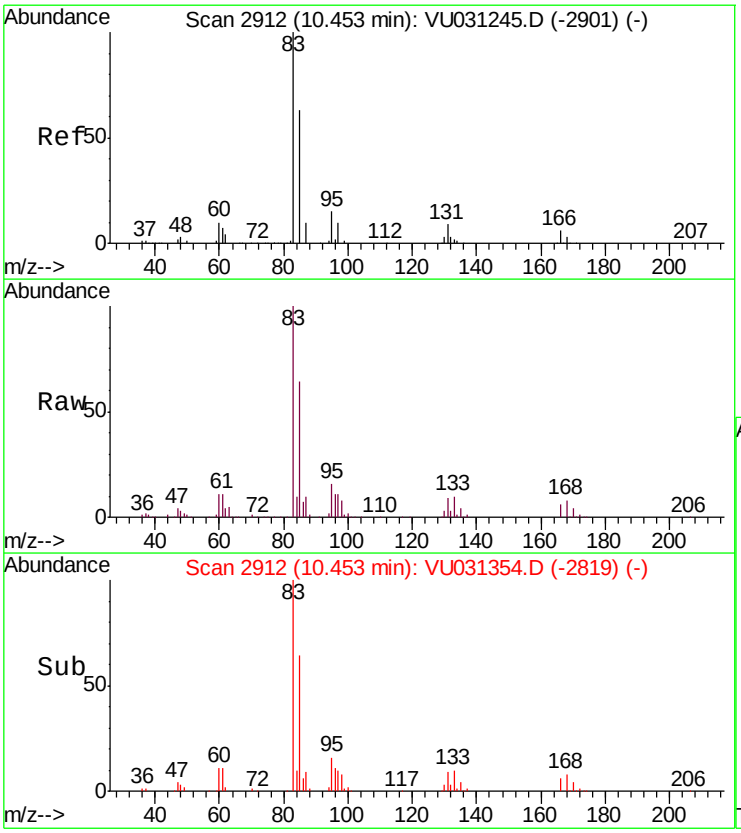
#56
Isopropylbenzene
Concen: 49.777 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion:105 Resp: 873738

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	31.0
77	16.2	13.0	19.4

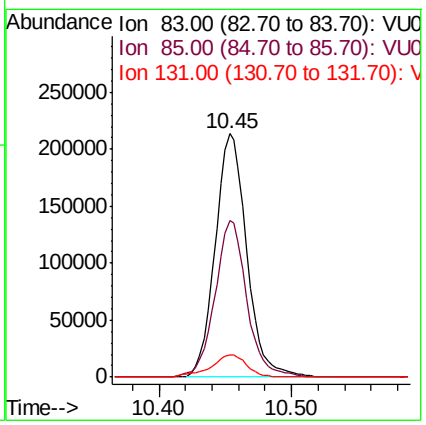


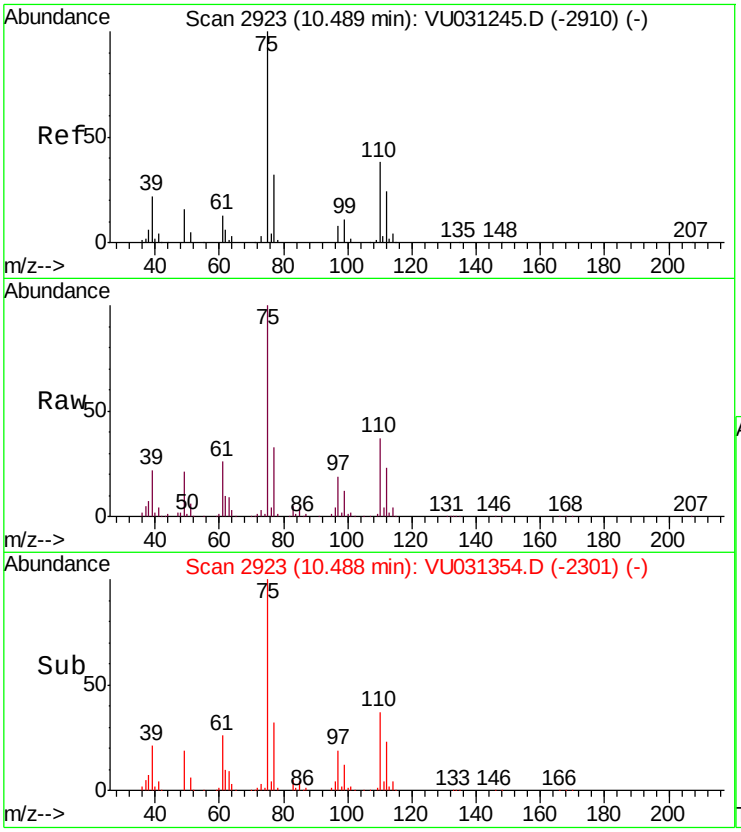


#58
1,1,2,2-Tetrachloroethane
Concen: 48.548 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 83 Resp: 352614

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4
131	9.1	7.4	11.0



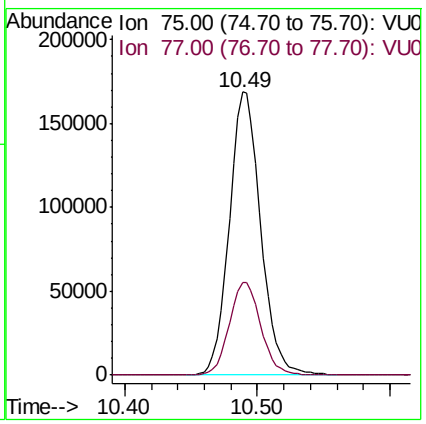


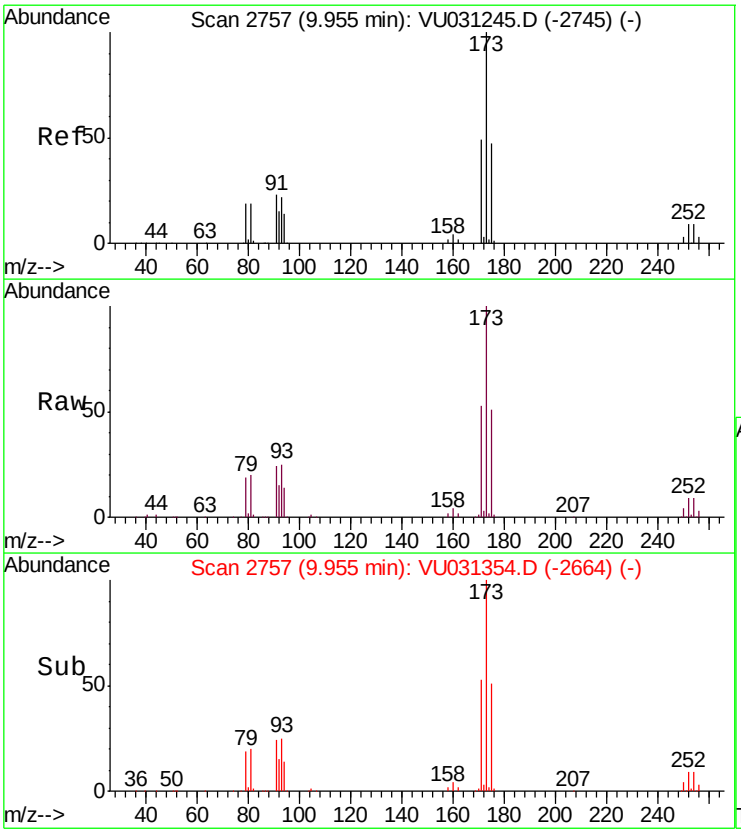
#59
1,2,3-Trichloropropane
Concen: 49.721 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 75 Resp: 277149

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.2

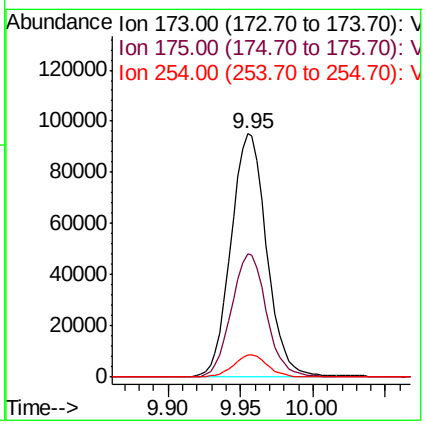


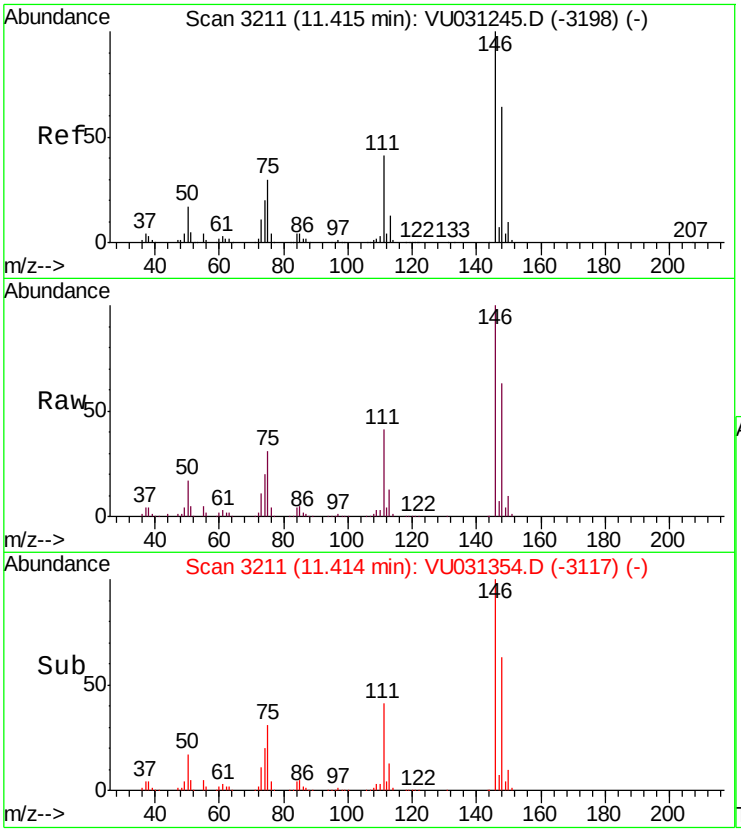


#61
Bromoform
Concen: 50.133 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:173 Resp: 162751

Ion	Ratio	Lower	Upper
173	100		
175	49.8	37.8	56.8
254	8.7	7.2	10.8



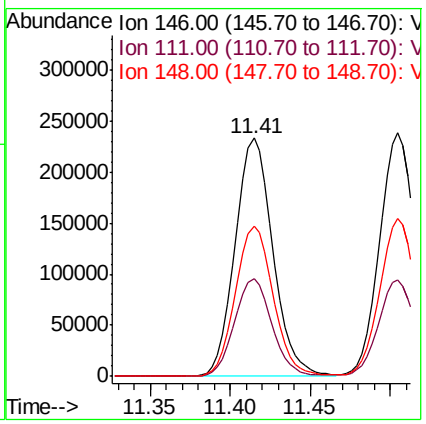


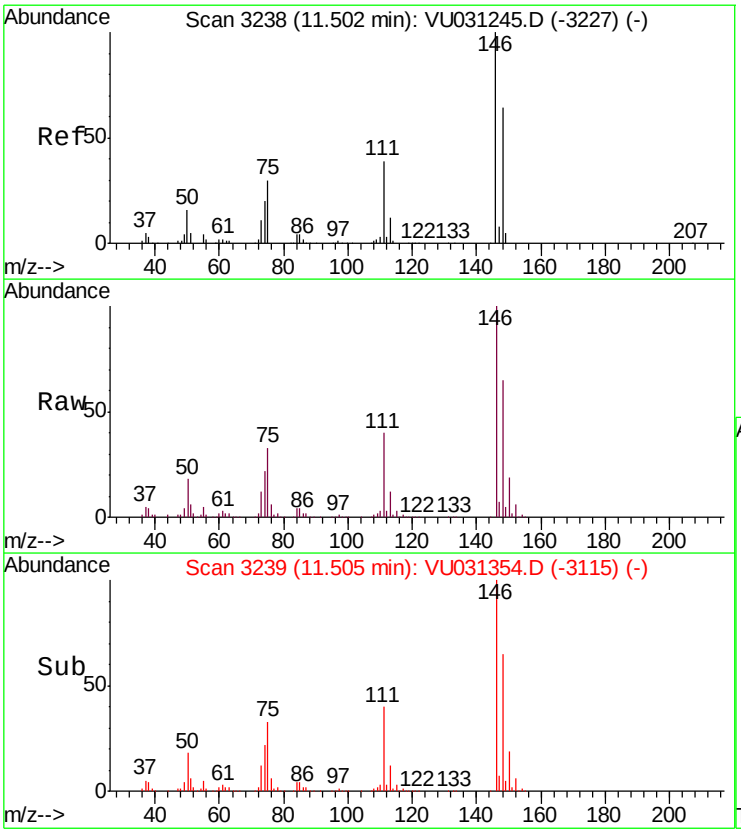
#62
1,3-Dichlorobenzene
Concen: 48.365 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:146 Resp: 374816

Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.7	53.3
148	63.0	44.0	81.6

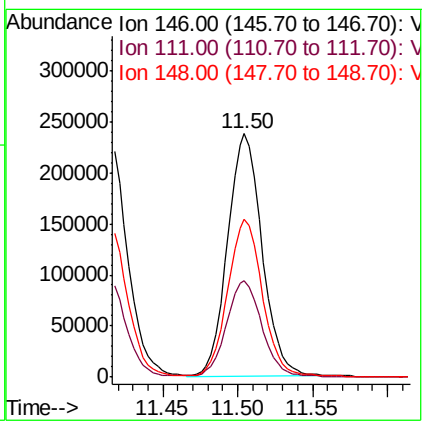


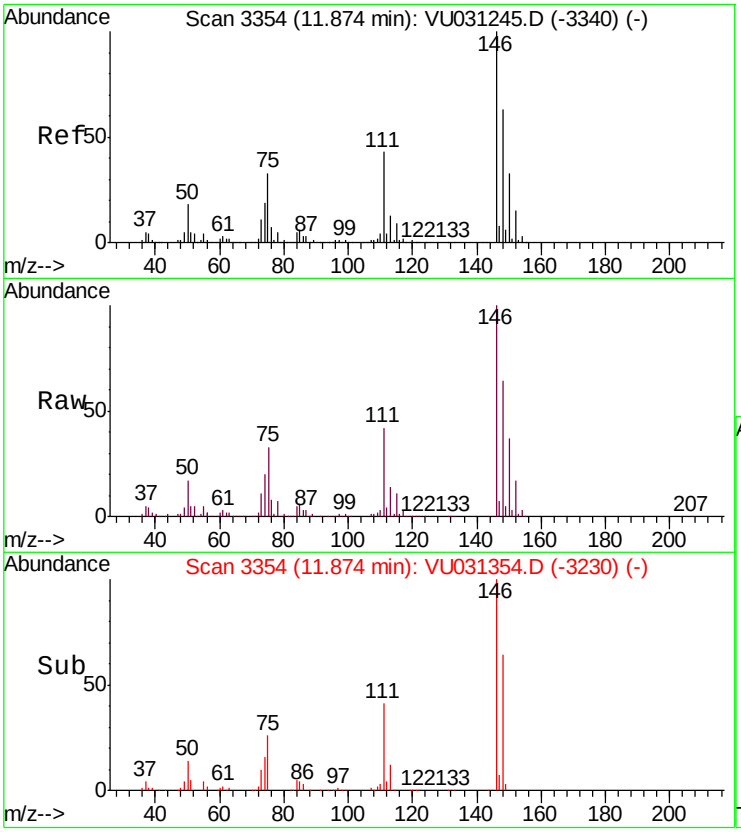


#63
1,4-Dichlorobenzene
Concen: 49.064 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:146 Resp: 381234

Ion	Ratio	Lower	Upper
146	100		
111	39.7	27.4	50.8
148	64.7	44.5	82.7



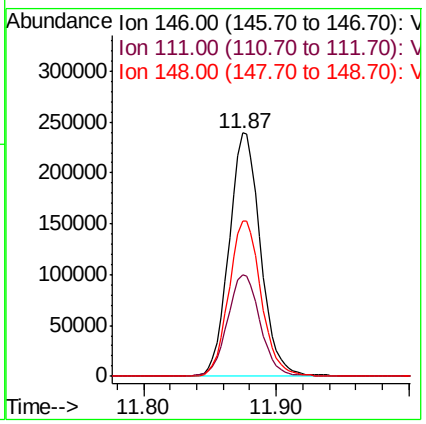


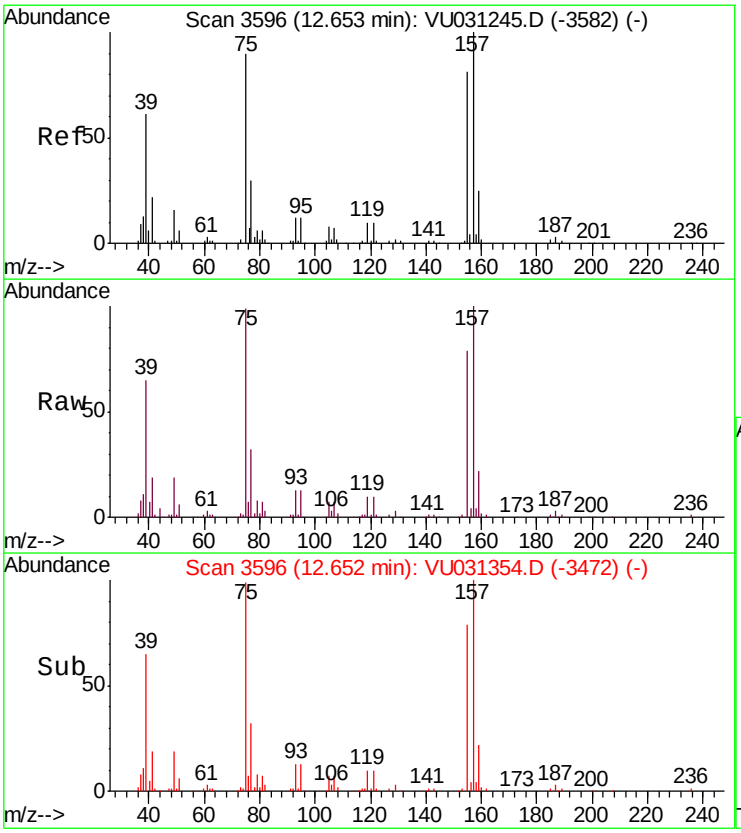
#65
1,2-Dichlorobenzene
Concen: 48.320 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:146 Resp: 393871

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.4	50.2
148	63.6	51.3	76.9

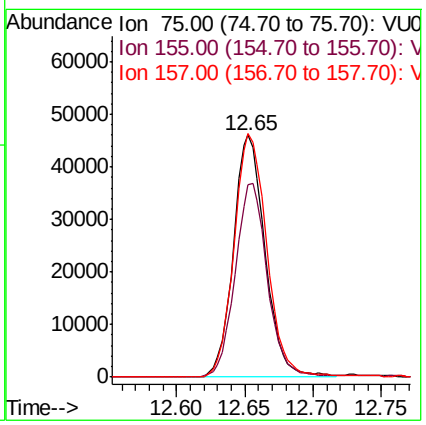


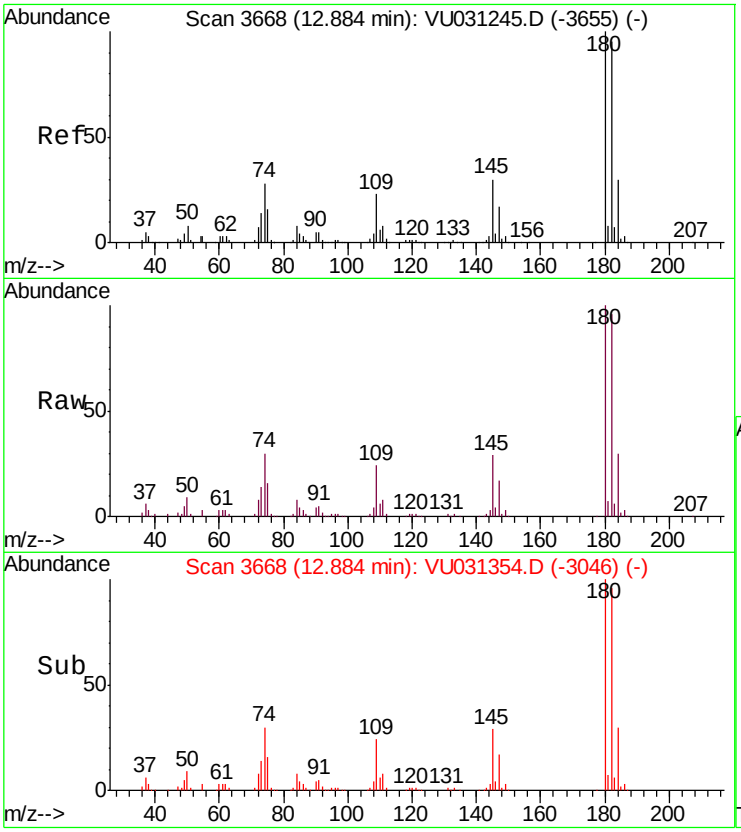


#66
1,2-Dibromo-3-chloropropane
Concen: 47.622 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion: 75 Resp: 74065

Ion	Ratio	Lower	Upper
75	100		
155	79.6	66.7	100.1
157	100.7	86.5	129.7



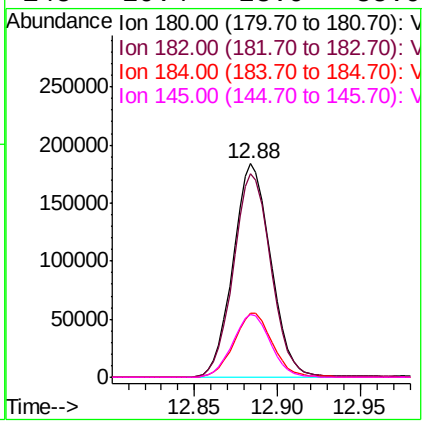


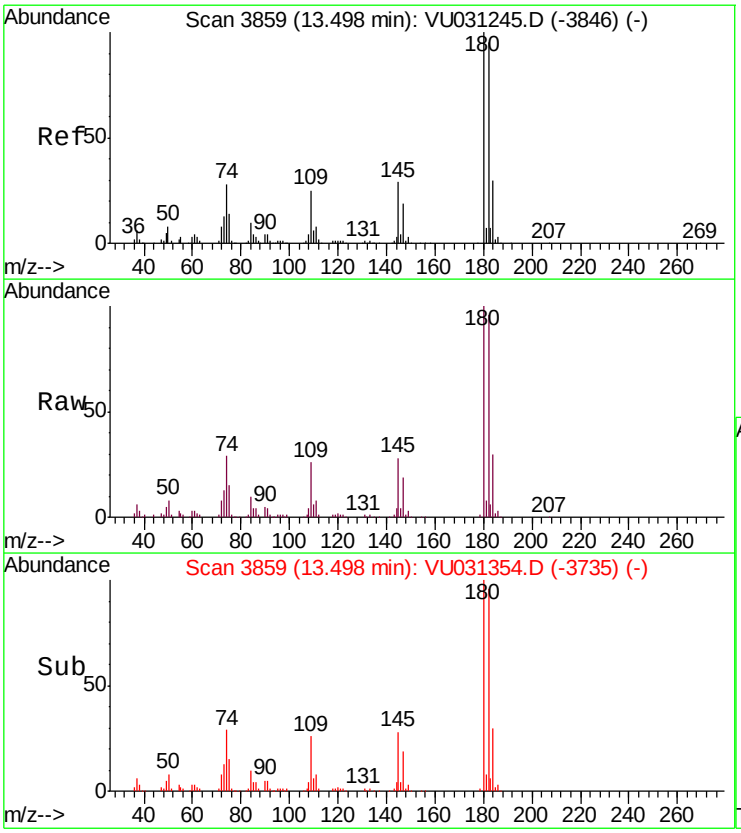
#67
1,3,5-Trichlorobenzene
Concen: 50.187 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:180 Resp: 291072

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.7	115.1
184	30.4	24.2	36.4
145	29.4	23.9	35.9

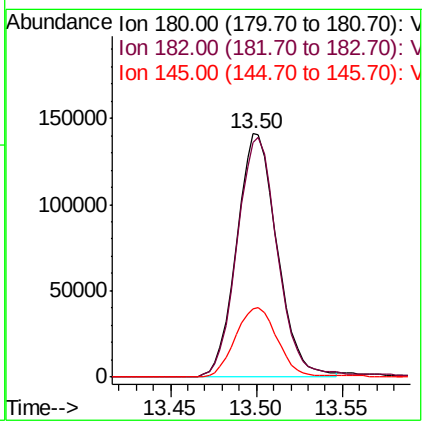


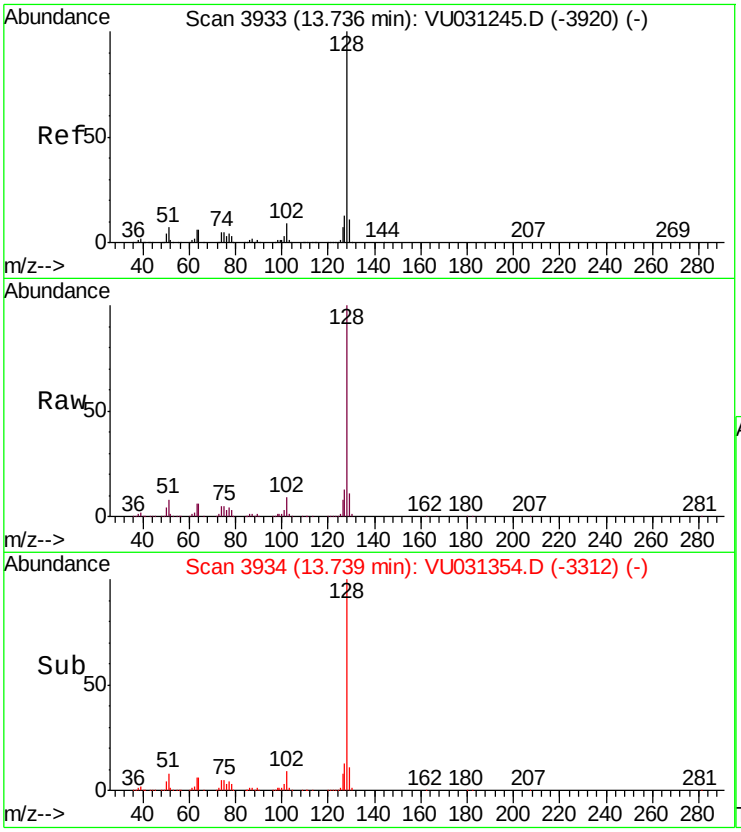


#68
1,2,4-trichlorobenzene
Concen: 49.228 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:180 Resp: 231368

Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.5	113.3
145	29.5	23.1	34.7



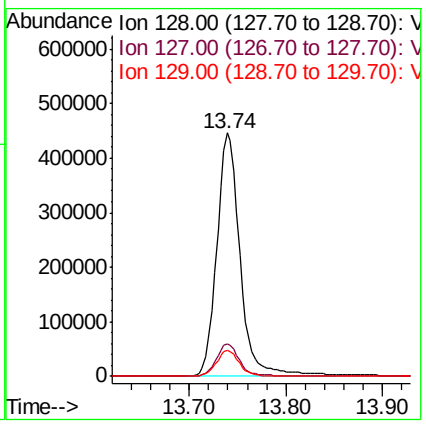


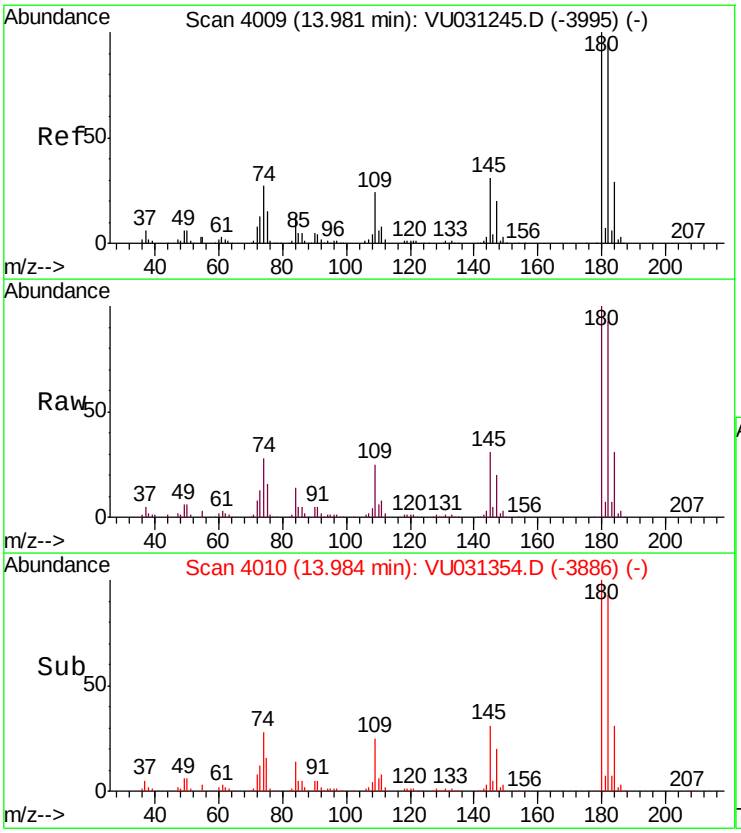
#69
Naphthalene
Concen: 50.729 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:128 Resp: 748090

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.5	8.2	12.2





#70
1,2,3-Trichlorobenzene
Concen: 51.889 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031354.D
Acq: 19 Apr 2019 13:12

Tgt Ion:180 Resp: 264851

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.2	117.4
145	31.8	25.0	37.6