Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036681.D
Acq On : 06 Feb 2020 12:16
Operator : JC/MD
Sample : VSTD05033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Quant Time: Feb 07 04:32:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:29:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263385	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	120417	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92669	37.42	ug/L	0.00
7) Chloroethane-d5	1.93	69	85471	36.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	174899	42.22	ug/L	0.00
21) 2-Butanone-d5	4.68	46	138520	95.88	ug/L	0.00
24) Chloroform-d	5.11	84	164966	41.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	114646	46.10	ug/L	0.00
32) Benzene-d6	5.77	84	348759	47.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	116015	47.95	ug/L	0.00
41) Toluene-d8	7.93	98	317575	46.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	55657	48.35	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	136222	130.83	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	171231	49.26	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	108122	45.29	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	95400	36.807	ug/L	100
3) Chloromethane	1.54	50	112191	40.724	ug/L	100
5) Vinyl chloride	1.62	62	122911	41.331	ug/L	100
6) Bromomethane	1.87	94	74389	36.049	ug/L	100
8) Chloroethane	1.95	64	77200	36.002	ug/L	100
9) Trichlorofluoromethane	2.16	101	145420	38.416	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	86590	45.549	ug/L	100
12) 1,1-Dichloroethene	2.61	96	86840	46.034	ug/L	100
13) Acetone	2.66	43	163313	116.693	ug/L	100
14) Carbon disulfide	2.82	76	253354	43.002	ug/L	100
15) Methyl Acetate	2.99	43	126189	55.046	ug/L	100
16) Methylene chloride	3.08	84	103599	47.805	ug/L	100
17) trans-1,2-Dichloroethene	3.39	96	90225	46.005	ug/L	100
18) Methyl tert-butyl Ether	3.41	73	313463	52.221	ug/L	100
19) 1,1-Dichloroethane	3.92	63	180374	47.494	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	104271	47.985	ug/L	100
22) 2-Butanone	4.75	43	201435	119.222	ug/L	100
23) Bromochloromethane	5.02	128	48311	43.966	ug/L	100
25) Chloroform	5.13	83	180055	45.887	ug/L	100
27) 1,2-Dichloroethane	5.84	62	147707	48.149	ug/L	100
29) Cyclohexane	5.43	56	168958	56.772	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	141744	44.710	ug/L	100
31) Carbon tetrachloride	5.57	117	114664	41.382	ug/L	100
33) Benzene	5.82	78	403352	50.158	ug/L	100
34) Trichloroethene	6.58	95	98345	46.571	ug/L	100
35) Methylcyclohexane	6.80	83	171611	54.415	ug/L	100
37) 1,2-Dichloropropane	6.83	63	108415	49.423	ug/L	100
38) Bromodichloromethane	7.14	83	131646	46.933	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	172995	52.916	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	350082	121.796	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036681.D
Acq On : 06 Feb 2020 12:16
Operator : JC/MD
Sample : VSTD05033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Quant Time: Feb 07 04:32:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:29:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	431500	50.847	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	152967	51.560	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	99539	48.240	ug/L	100
46) Tetrachloroethene	8.58	164	68341	42.403	ug/L	100
48) 2-Hexanone	8.72	43	282606	127.677	ug/L	100
49) Dibromochloromethane	8.84	129	98226	43.710	ug/L	100
50) 1,2-Dibromoethane	8.95	107	104348	48.481	ug/L	100
51) Chlorobenzene	9.47	112	256585	46.918	ug/L	100
52) Ethylbenzene	9.60	91	473717	52.623	ug/L	100
53) m,p-Xylene	9.72	106	177522	53.104	ug/L	100
54) o-xylene	10.13	106	171975	52.245	ug/L	100
55) Styrene	10.14	104	292493	52.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.81	83	179222	51.171	ug/L	100
59) Bromoform	10.32	173	68434	45.286	ug/L	100
60) 1,2,3-Trichloropropane	10.85	75	142388	56.518	ug/L	100
61) Isopropylbenzene	10.51	105	455319	58.886	ug/L	100
62) 1,3,5-Trimethylbenzene	11.11	105	391928	62.078	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	391920	62.683	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	188632	50.442	ug/L	100
65) 1,4-Dichlorobenzene	11.86	146	189568	49.592	ug/L	100
67) 1,2-Dichlorobenzene	12.23	146	190071	49.972	ug/L	100
68) 1,2-Dibromo-3-chloropropan	13.01	75	41352	58.328	ug/L	100
69) 1,3,5-Trichlorobenzene	13.23	180	130673	47.010	ug/L	100
70) 1,2,4-trichlorobenzene	13.85	180	110435	48.123	ug/L	100
71) Naphthalene	14.10	128	410277	58.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.34	180	109200	46.056	ug/L	100

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

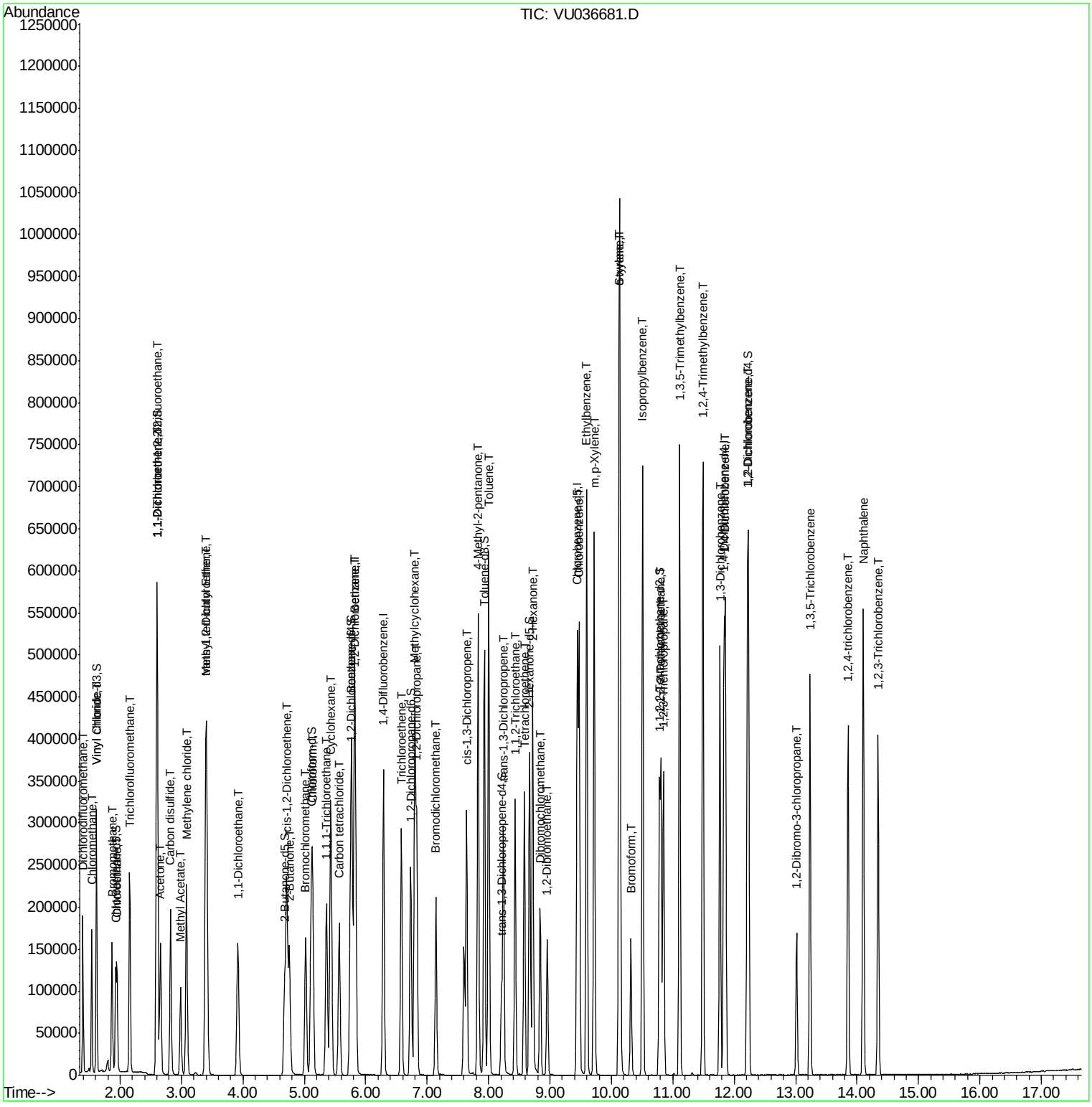
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

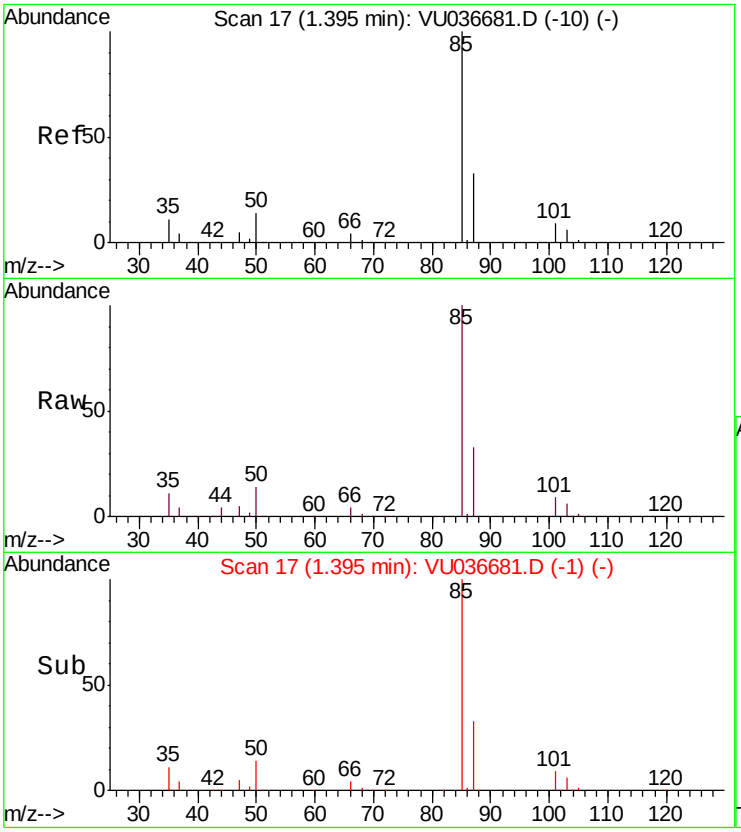
Quantitation Report (Not Reviewed)

Data File : VU036681.D
Acq On : 06 Feb 2020 12:16
Operator : JC/MD
Sample : VSTD05033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Quant Time: Feb 07 04:32:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:29:27 2020
Response via : Initial Calibration



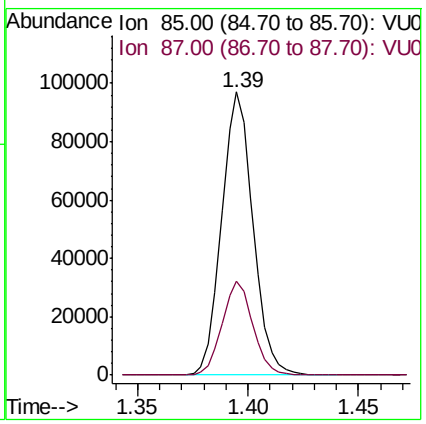


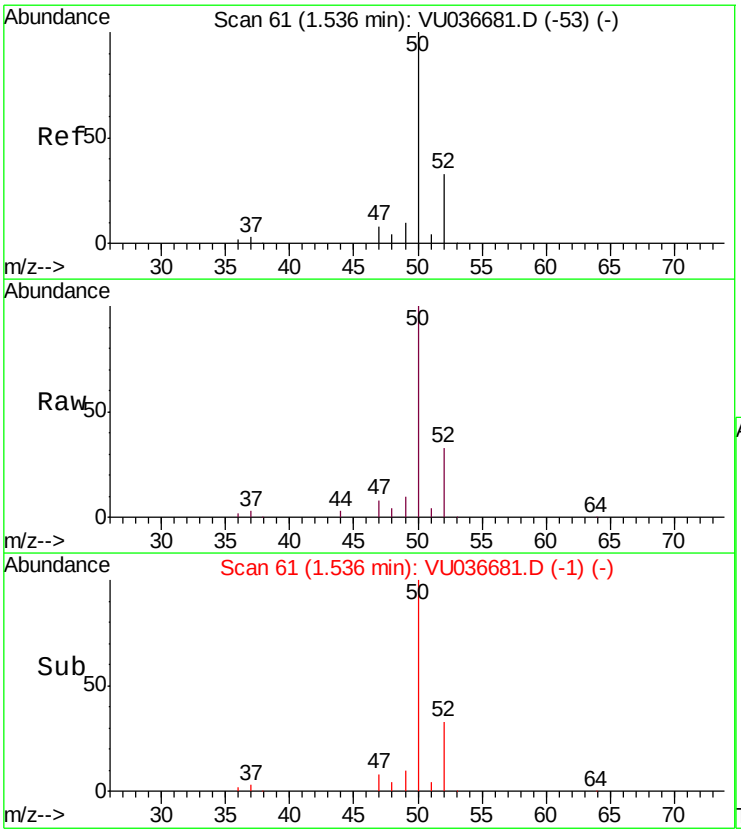
#2
Dichlorodifluoromethane
Concen: 36.807 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 85 Resp: 95400

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.9	38.9

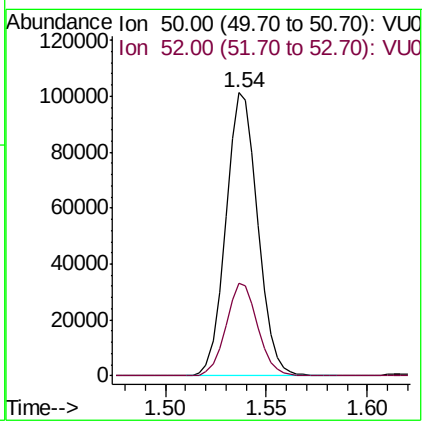


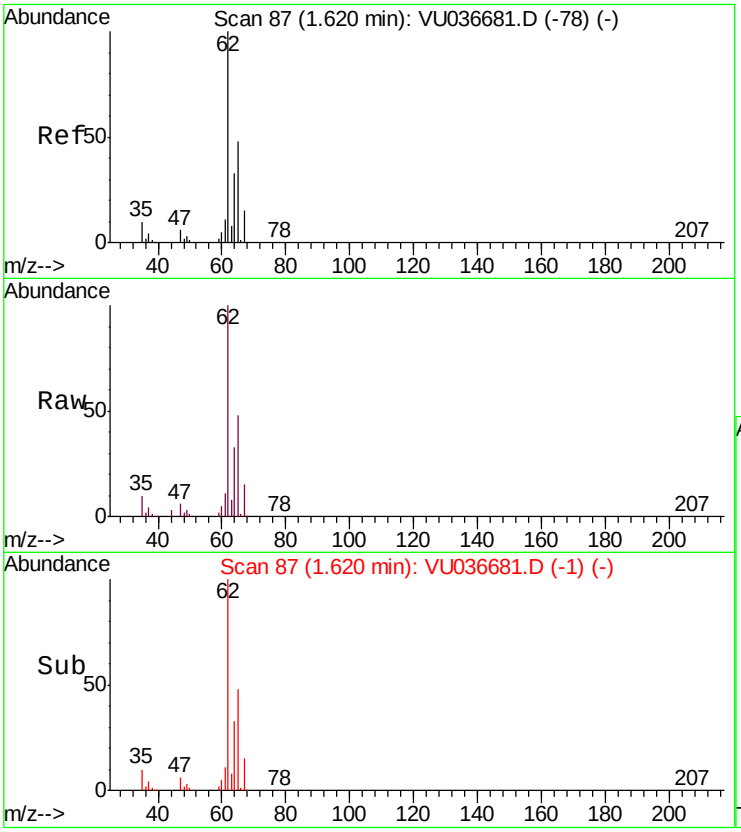


#3
Chloromethane
Concen: 40.724 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 50 Resp: 112191

Ion	Ratio	Lower	Upper
50	100		
52	32.7	22.9	42.5



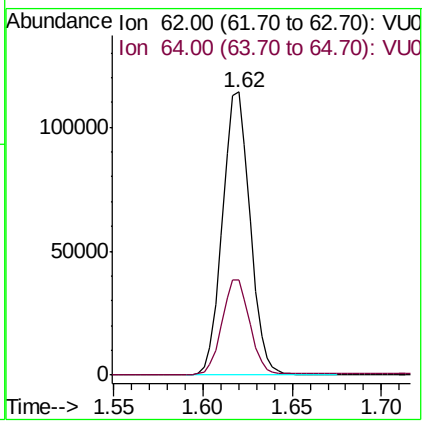


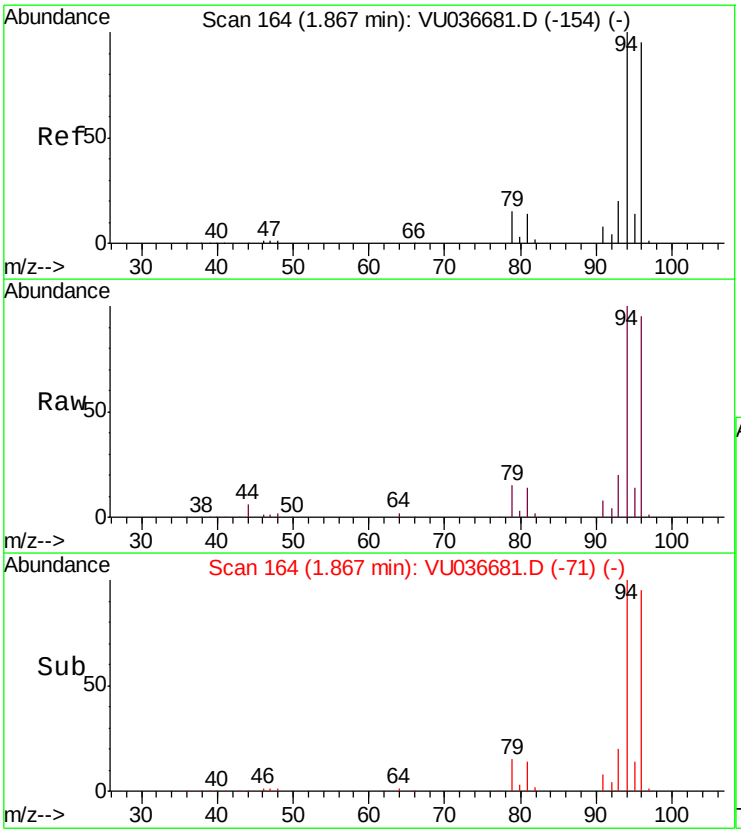
#5
Vinyl chloride
Concen: 41.331 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 62 Resp: 122911

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.4	43.6

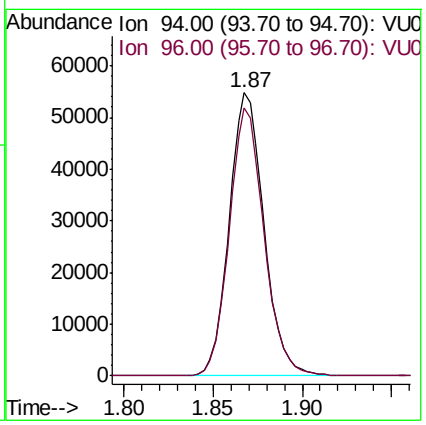


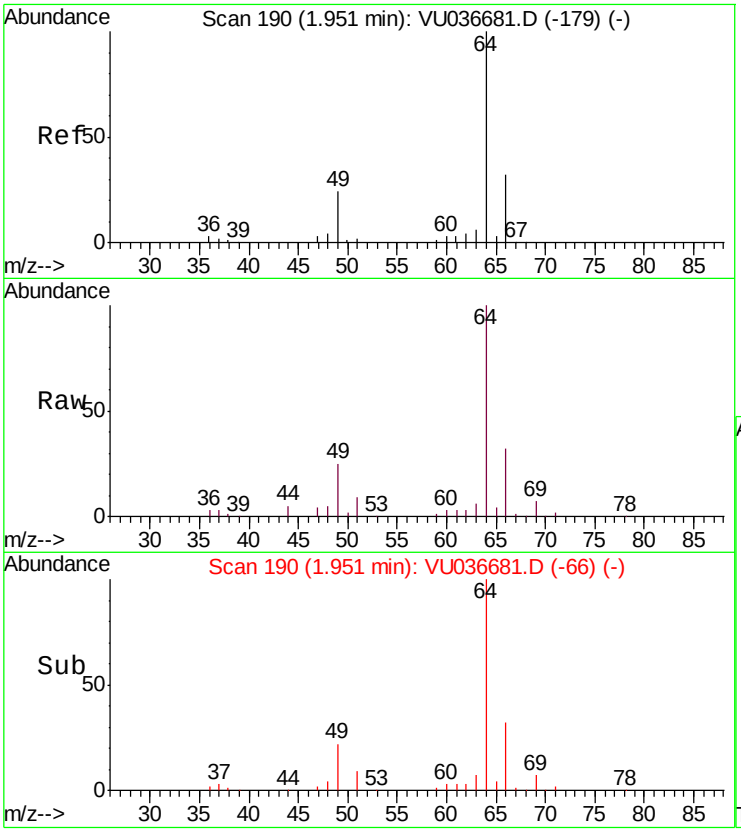


#6
Bromomethane
Concen: 36.049 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 94 Resp: 74389

Ion	Ratio	Lower	Upper
94	100		
96	94.7	66.3	123.1



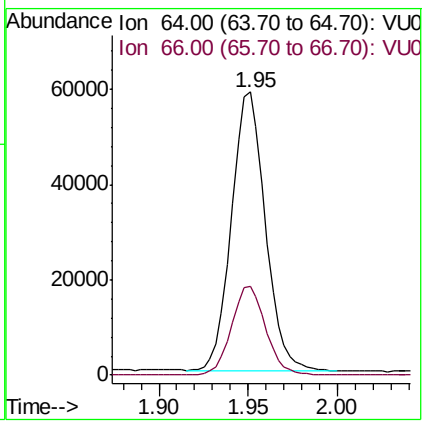


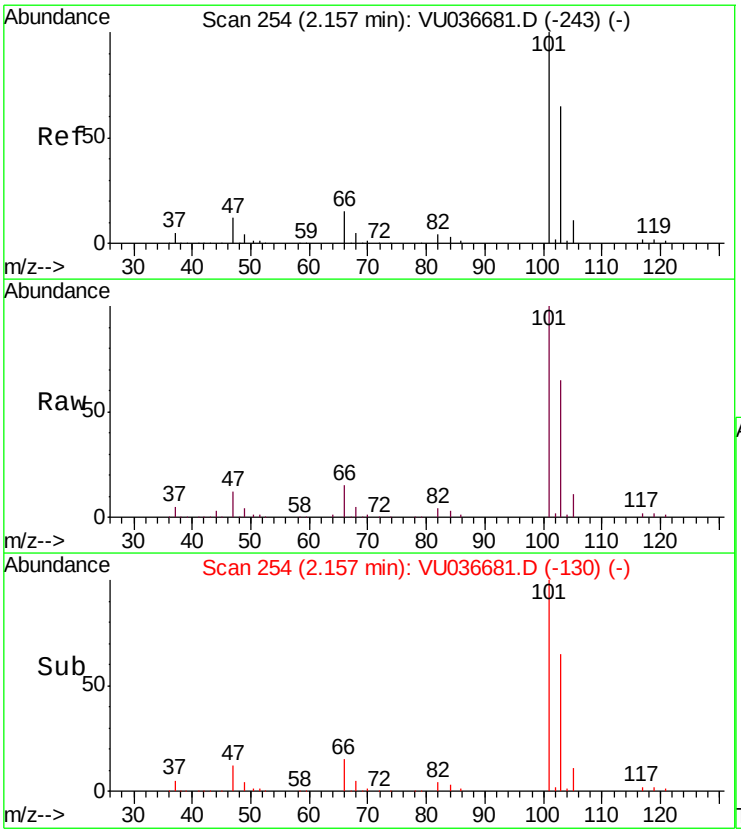
#8
Chloroethane
Concen: 36.002 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 64 Resp: 77200

Ion	Ratio	Lower	Upper
64	100		
66	31.6	22.1	41.1

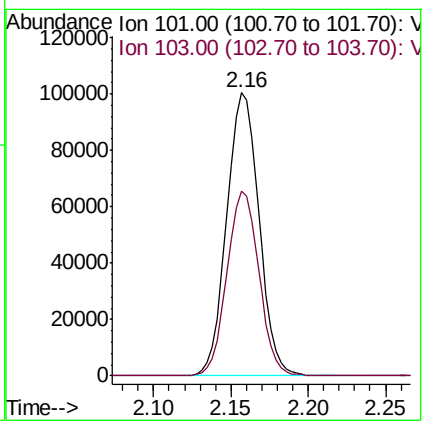


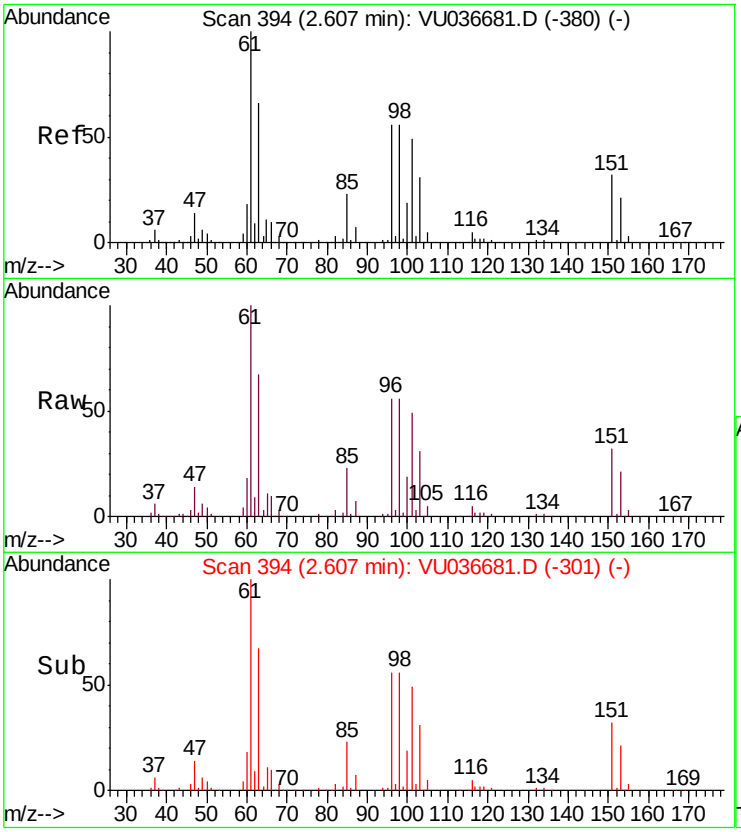


#9
Trichlorofluoromethane
Concen: 38.416 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:101 Resp: 145420

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4



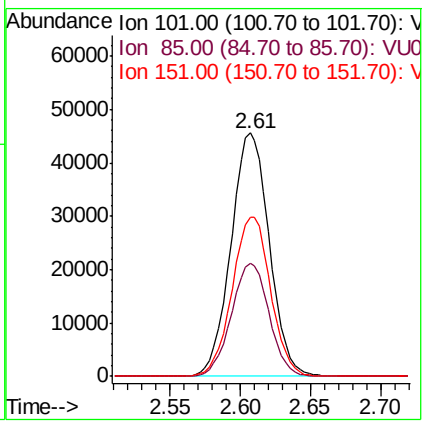


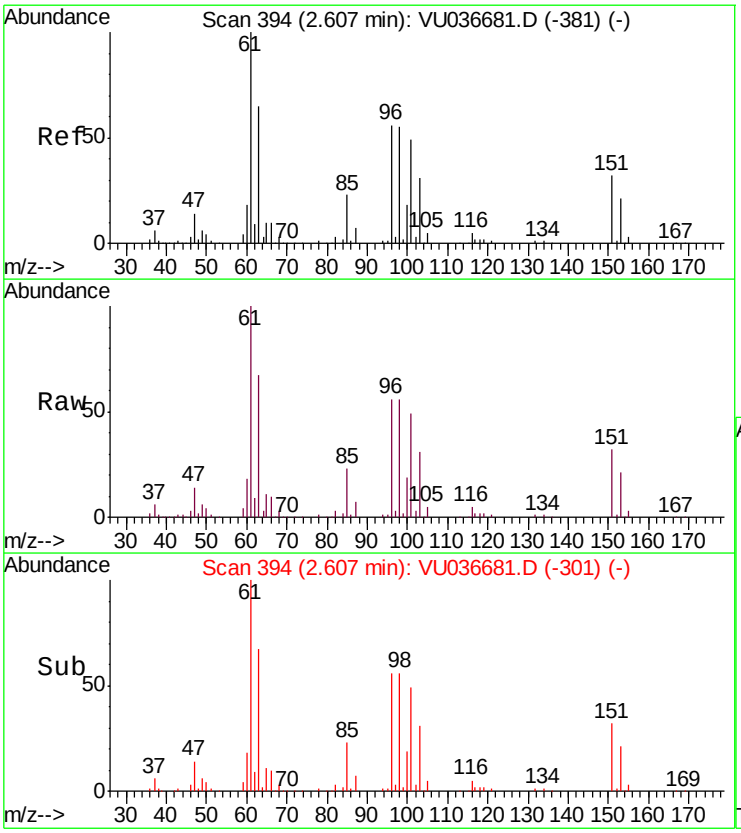
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.549 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:101 Resp: 86590

Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.5	54.7
151	65.7	52.6	78.8

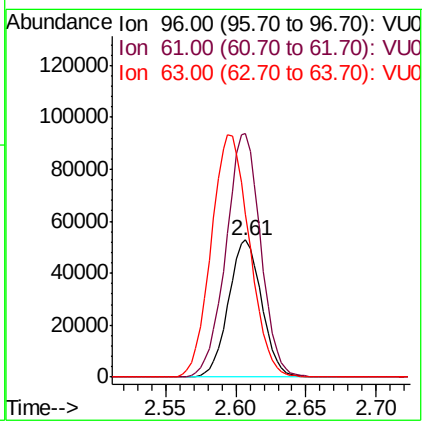


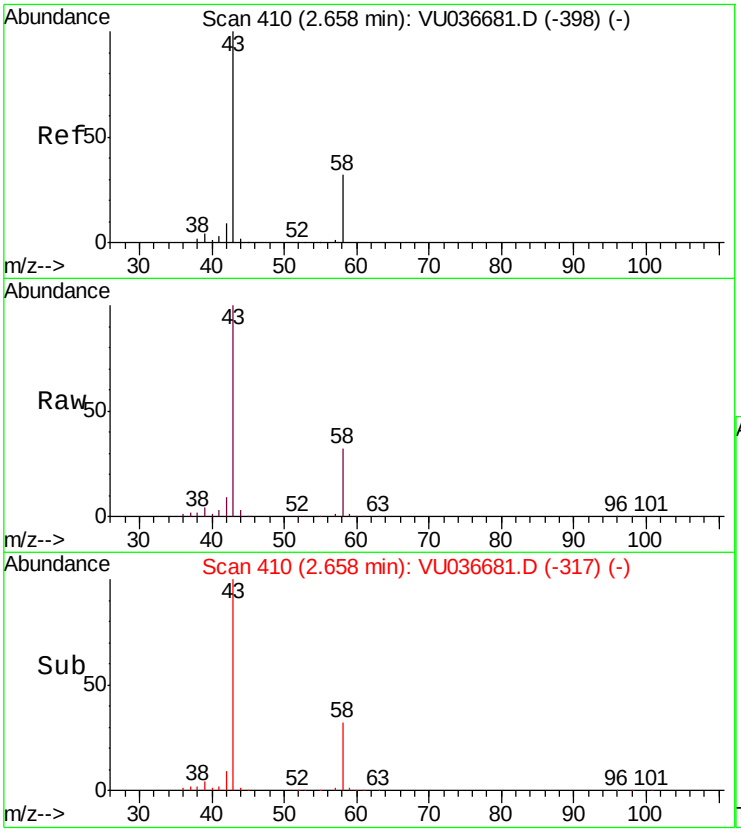


#12
1,1-Dichloroethene
Concen: 46.034 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 96 Resp: 86840

Ion	Ratio	Lower	Upper
96	100		
61	177.7	124.4	231.0
63	119.2	83.4	155.0



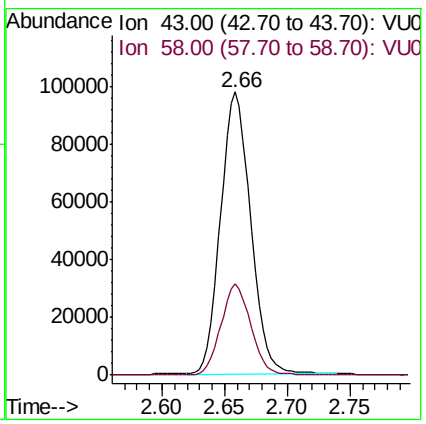


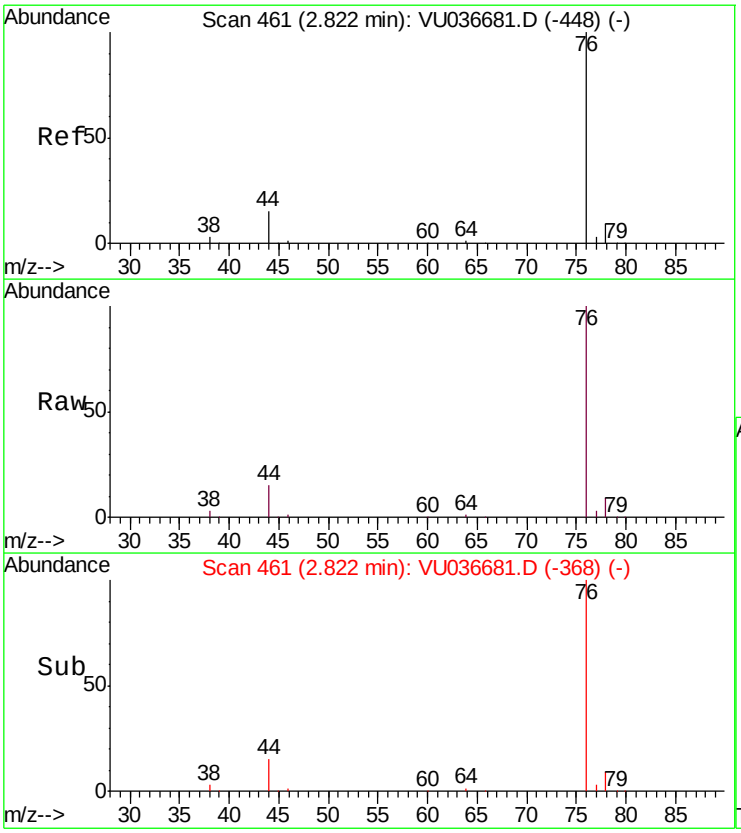
#13
Acetone
Concen: 116.693 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 43 Resp: 163313

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	64.0

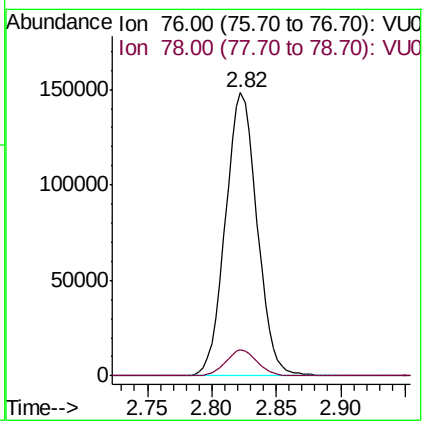


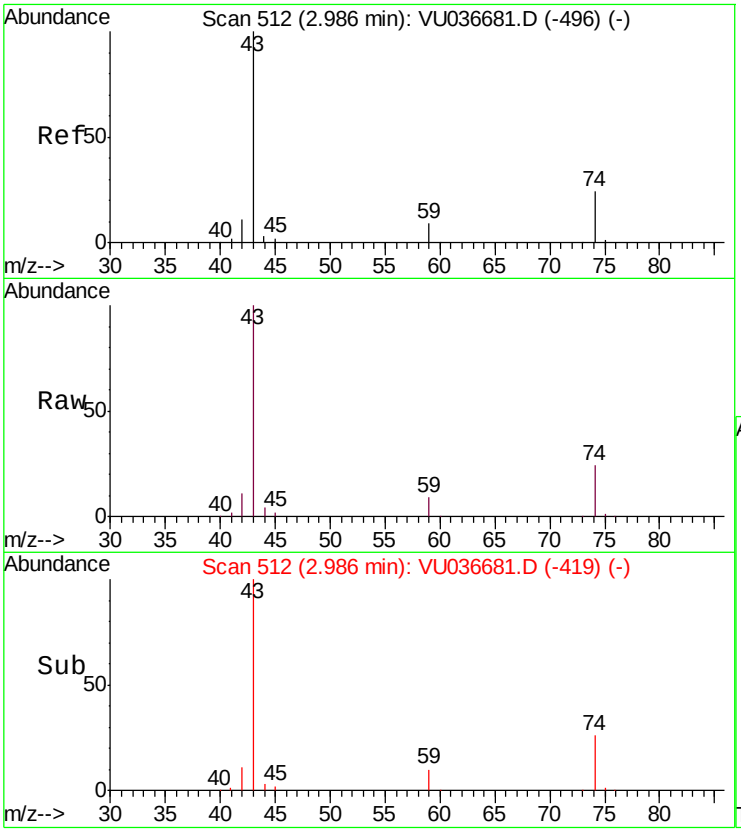


#14
Carbon disulfide
Concen: 43.002 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 76 Resp: 253354

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



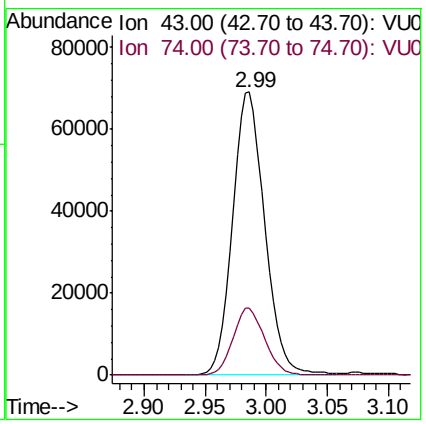


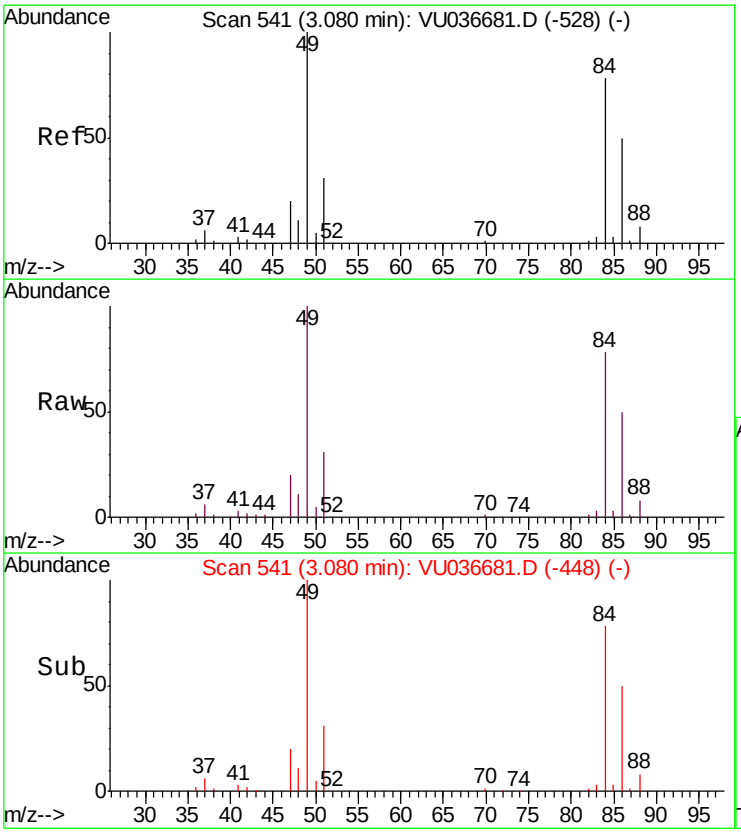
#15
Methyl Acetate
Concen: 55.046 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 43 Resp: 126189

Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.7	28.1

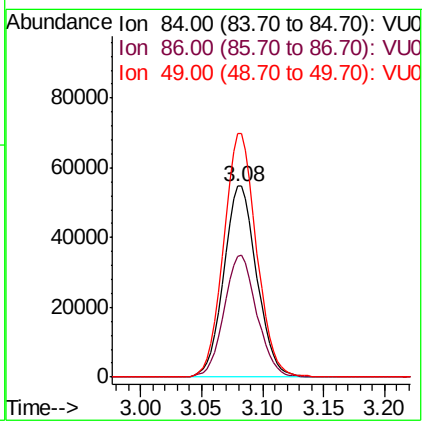


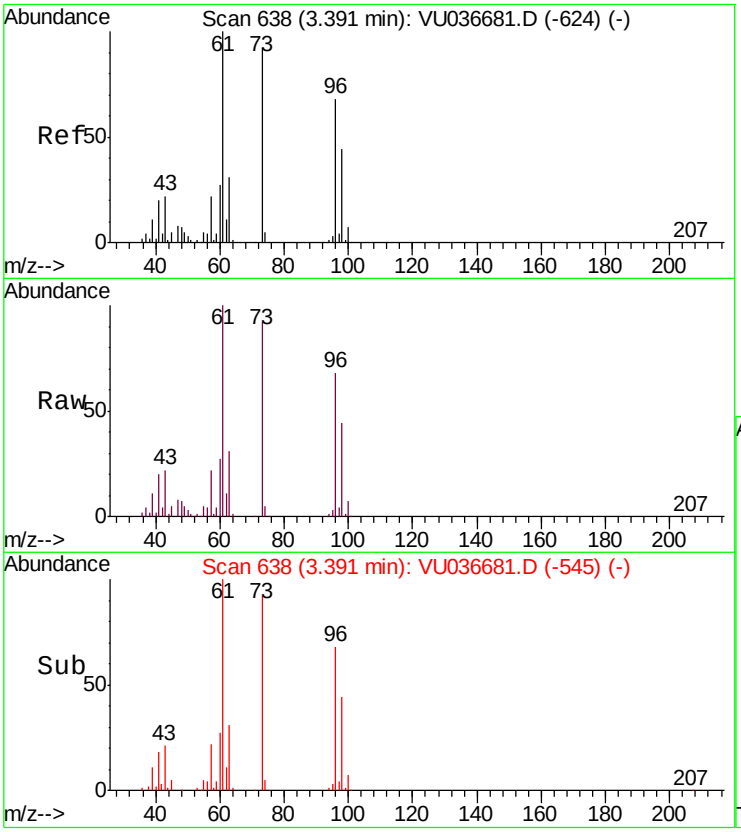


#16
Methylene chloride
Concen: 47.805 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 84 Resp: 103599

Ion	Ratio	Lower	Upper
84	100		
86	63.5	44.4	82.5
49	127.5	89.2	165.8



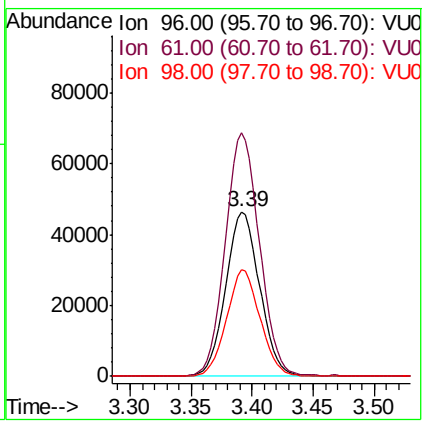


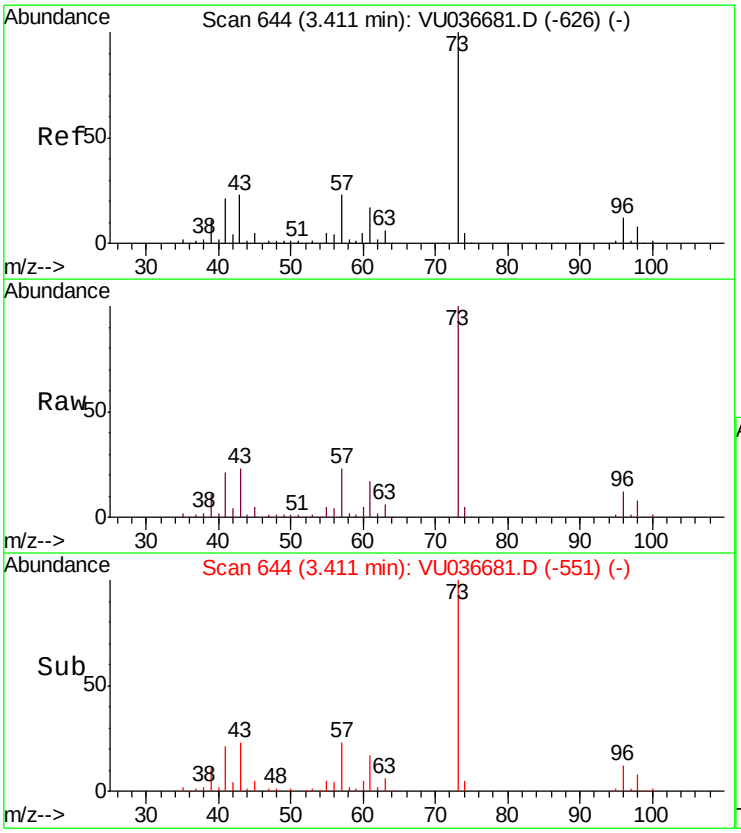
#17
trans-1,2-Dichloroethene
Concen: 46.005 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 96 Resp: 90225

Ion	Ratio	Lower	Upper
96	100		
61	147.7	103.4	192.0
98	64.8	45.4	84.2

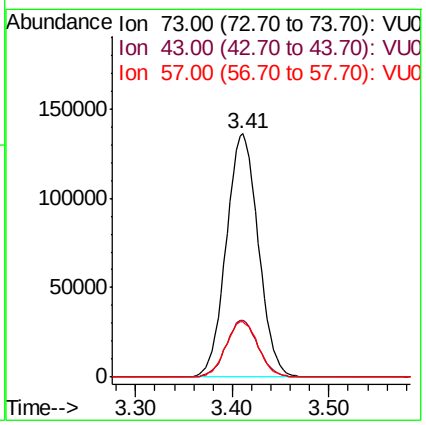


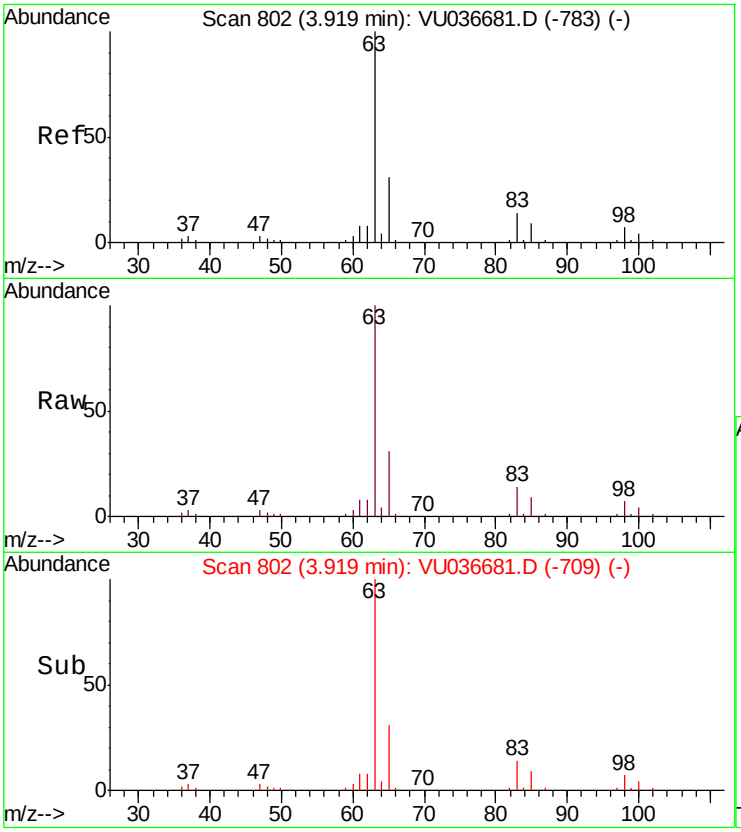


#18
Methyl tert-butyl Ether
Concen: 52.221 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 73 Resp: 313463

Ion	Ratio	Lower	Upper
73	100		
43	23.3	18.6	28.0
57	22.9	18.3	27.5



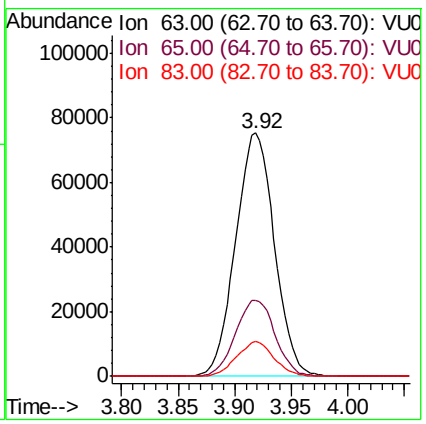


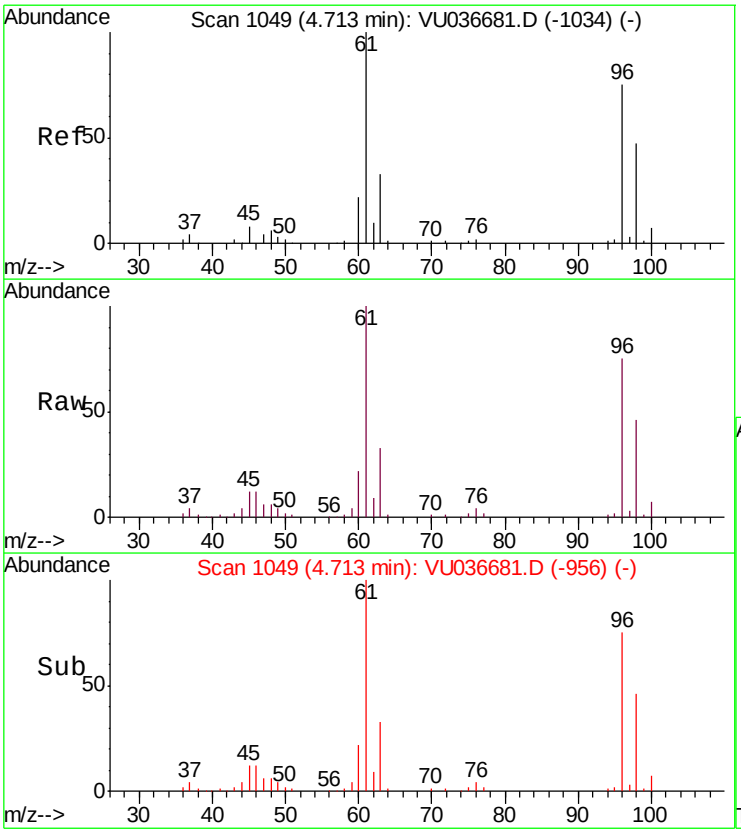
#19
1,1-Dichloroethane
Concen: 47.494 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 63 Resp: 180374

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	14.4	10.1	18.7

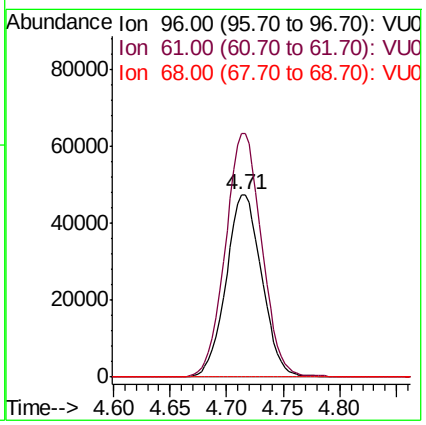


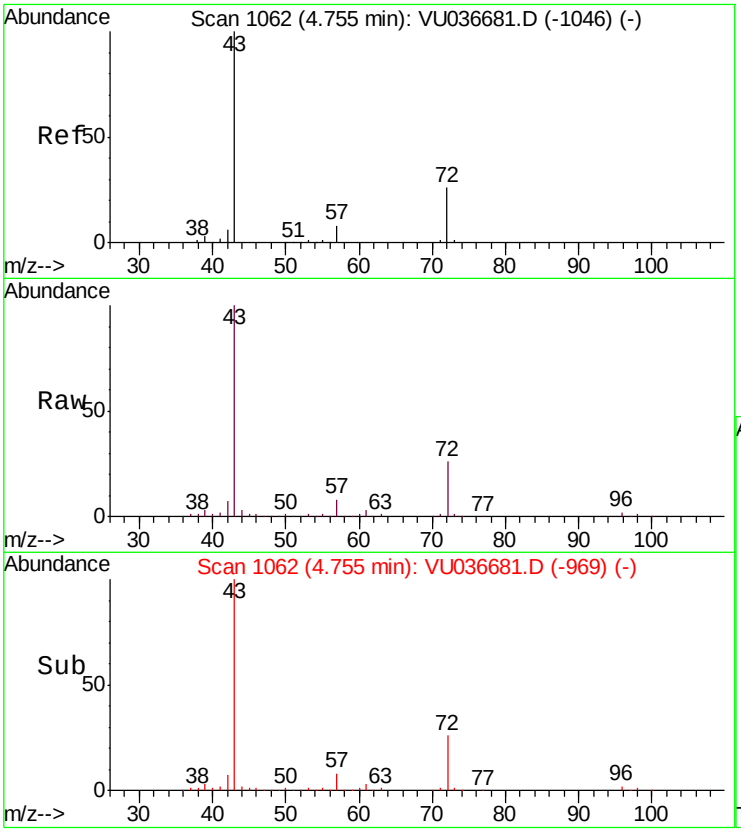


#20
cis-1,2-Dichloroethene
Concen: 47.985 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 96 Resp: 104271

Ion	Ratio	Lower	Upper
96	100		
61	133.3	93.3	173.3
68	0.0	0.0	0.0



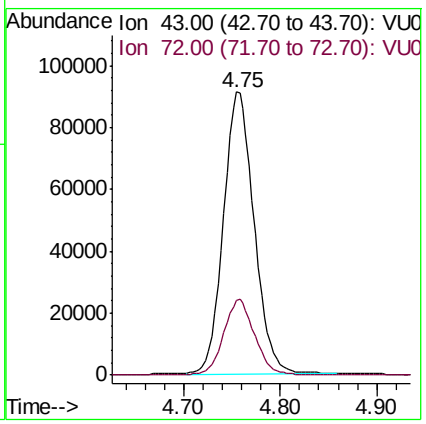


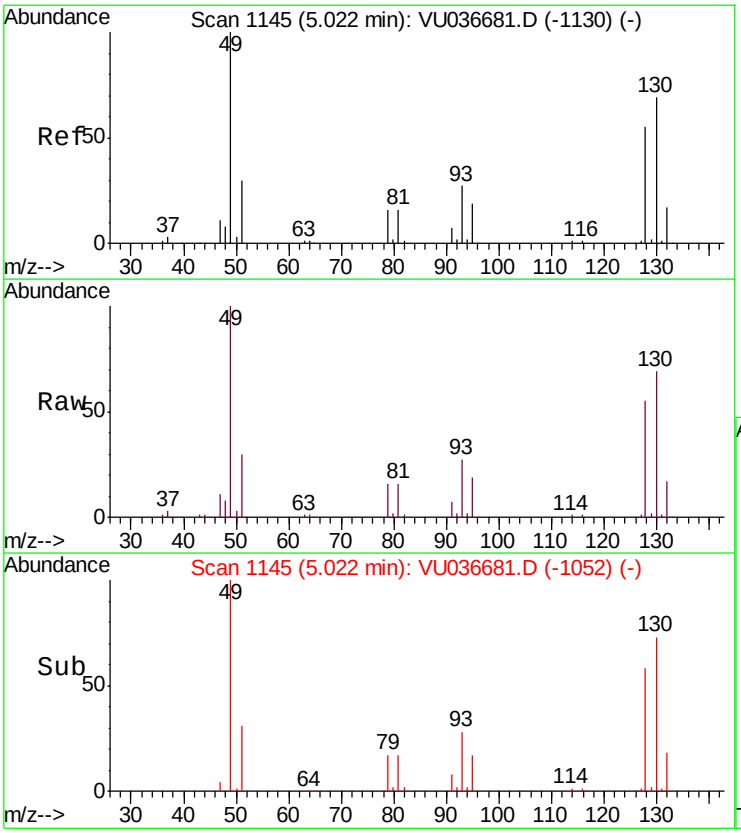
#22
2-Butanone
Concen: 119.222 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 43 Resp: 201435

Ion	Ratio	Lower	Upper
43	100		
72	27.1	13.6	40.7

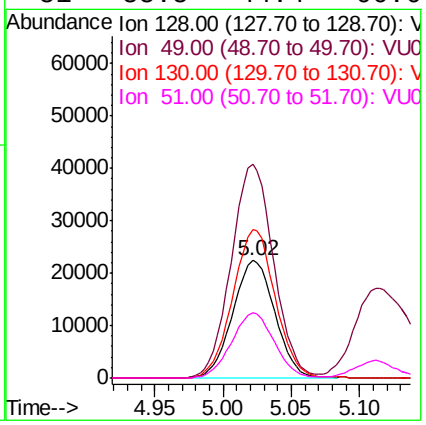


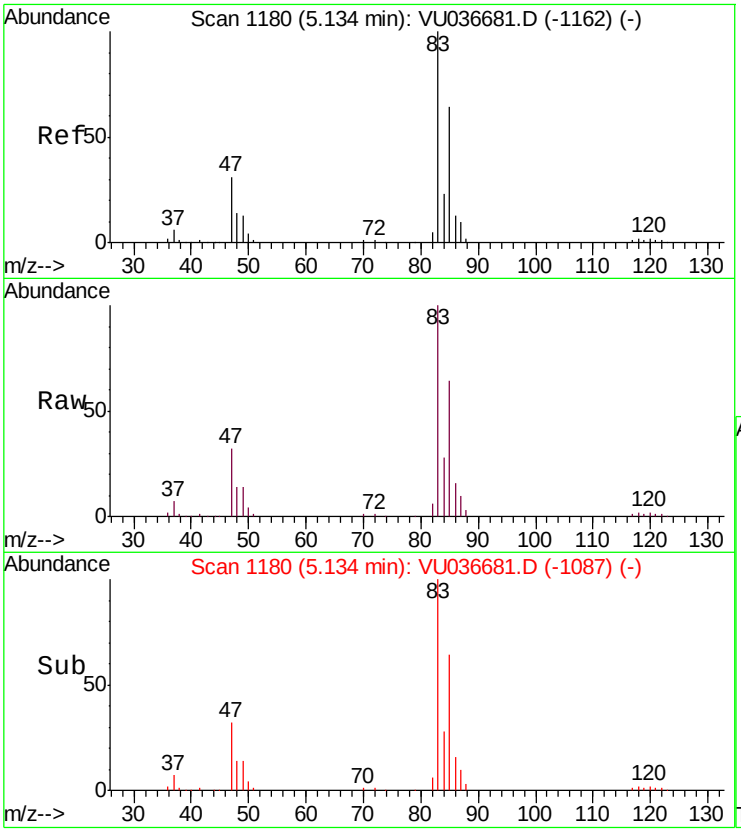


#23
Bromochloromethane
Concen: 43.966 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:128 Resp: 48311

Ion	Ratio	Lower	Upper
128	100		
49	181.9	127.3	236.5
130	126.4	88.5	164.3
51	55.5	44.4	66.6



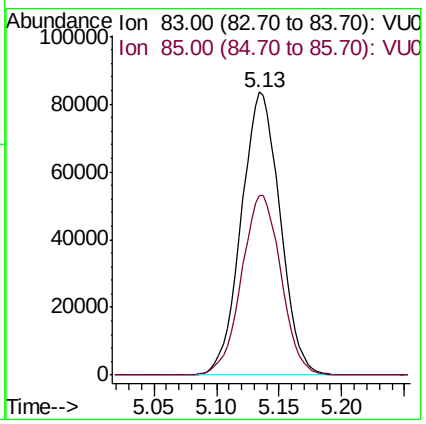


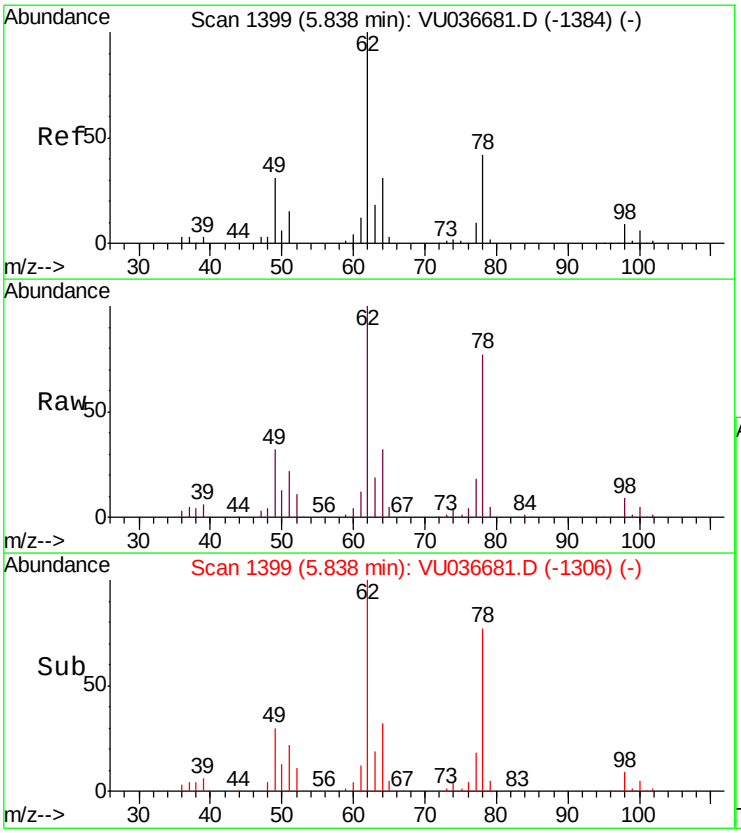
#25
Chloroform
Concen: 45.887 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 83 Resp: 180055

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.6	82.8

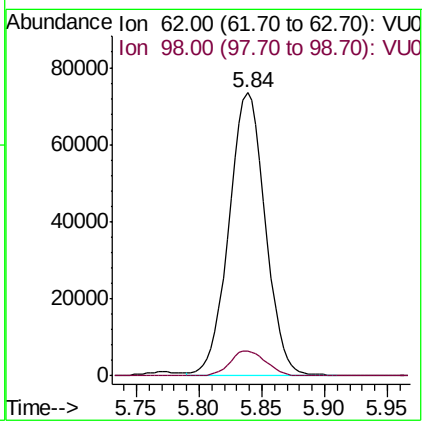


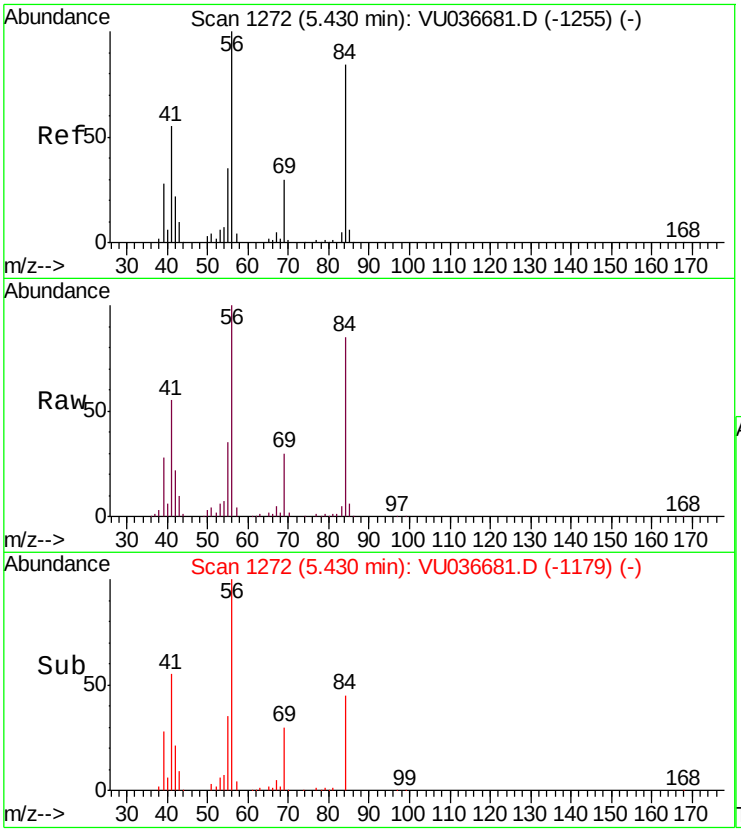


#27
1,2-Dichloroethane
Concen: 48.149 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 62 Resp: 147707

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.0	10.4



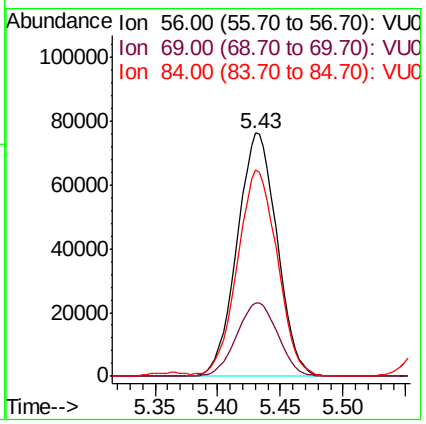


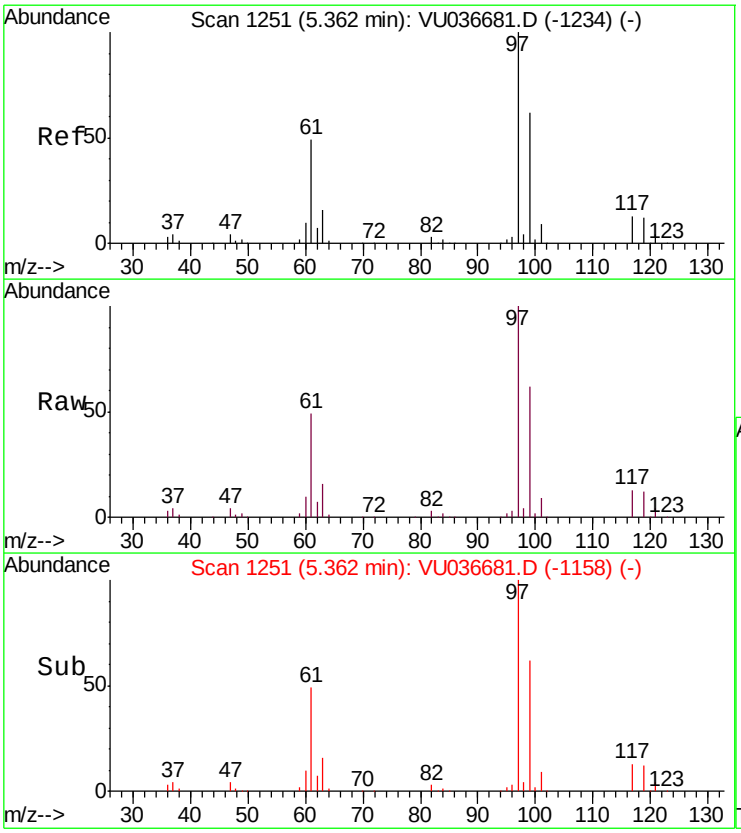
#29
Cyclohexane
Concen: 56.772 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 56 Resp: 168958

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	85.2	68.2	102.2

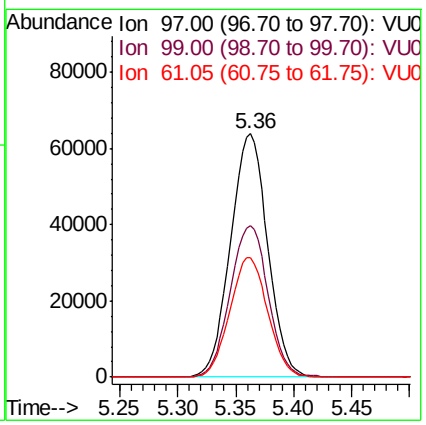


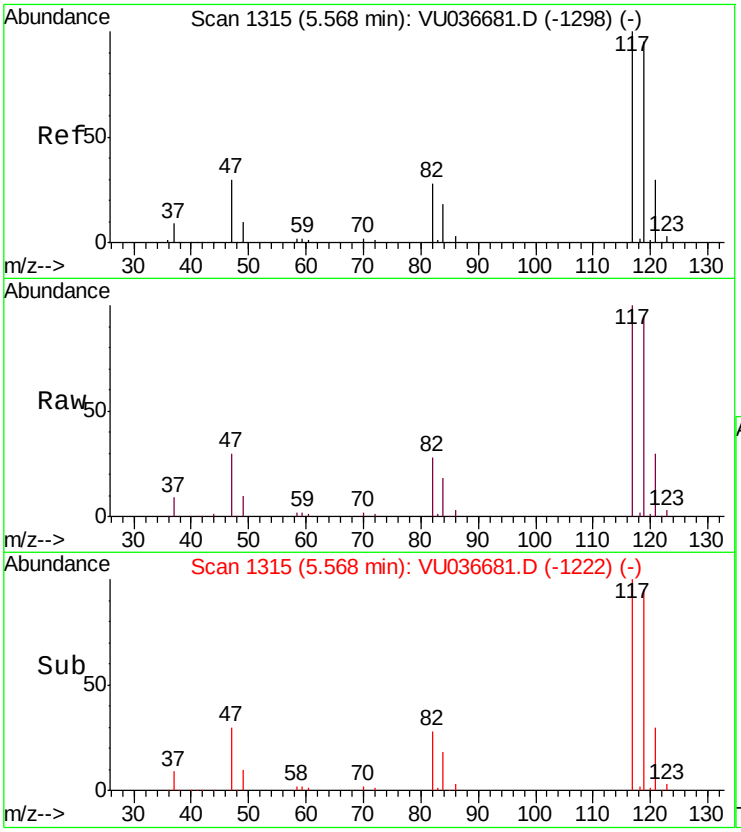


#30
1,1,1-Trichloroethane
Concen: 44.710 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 97 Resp: 141744

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	50.2	40.2	60.2



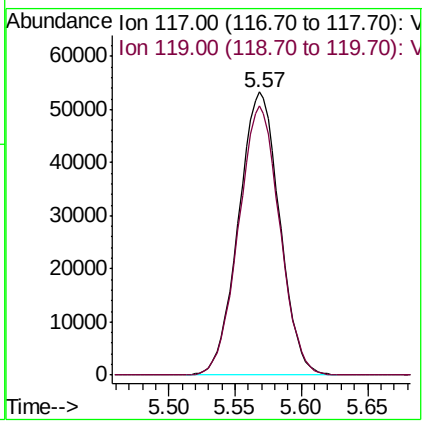


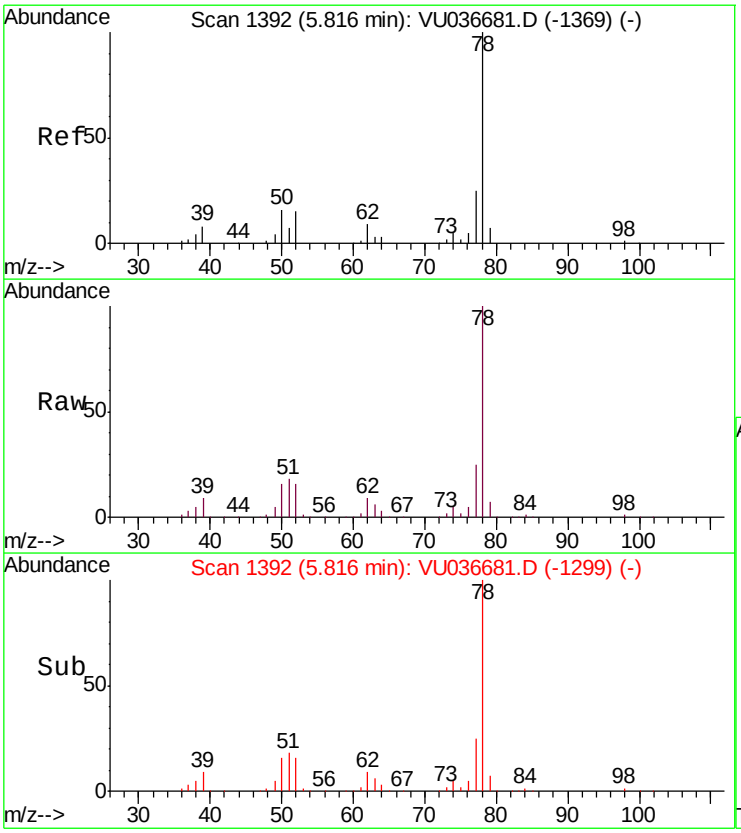
#31
Carbon tetrachloride
Concen: 41.382 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:117 Resp: 114664

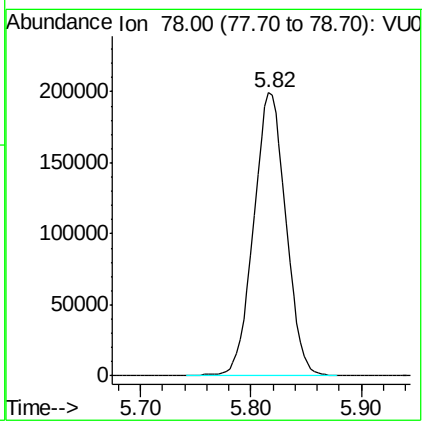
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4

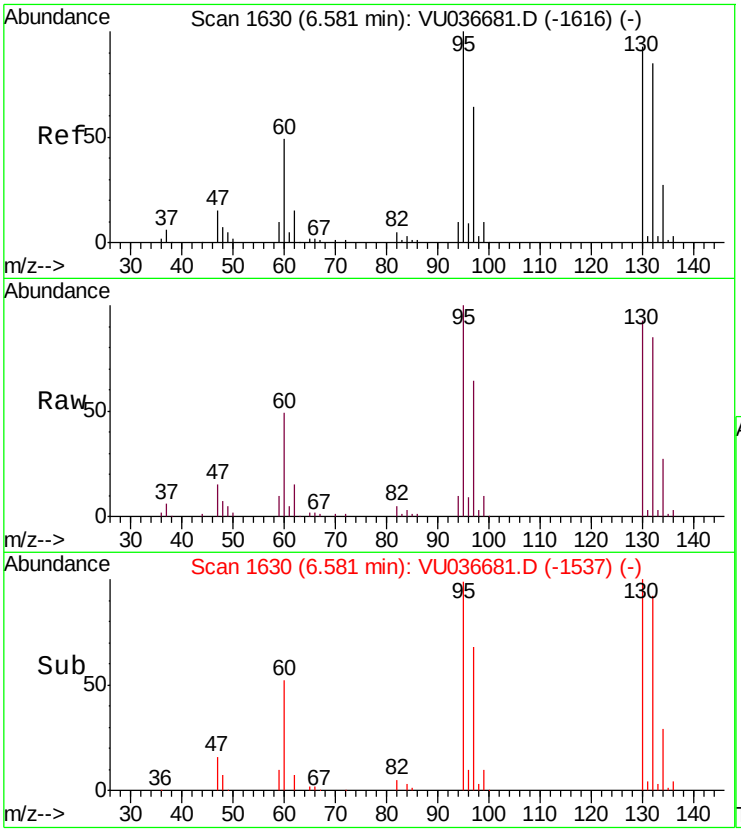




#33
Benzene
Concen: 50.158 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 78 Resp: 403352



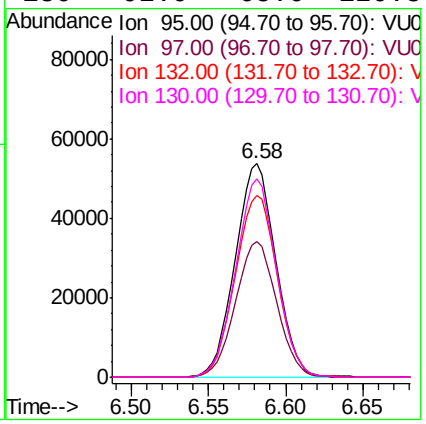


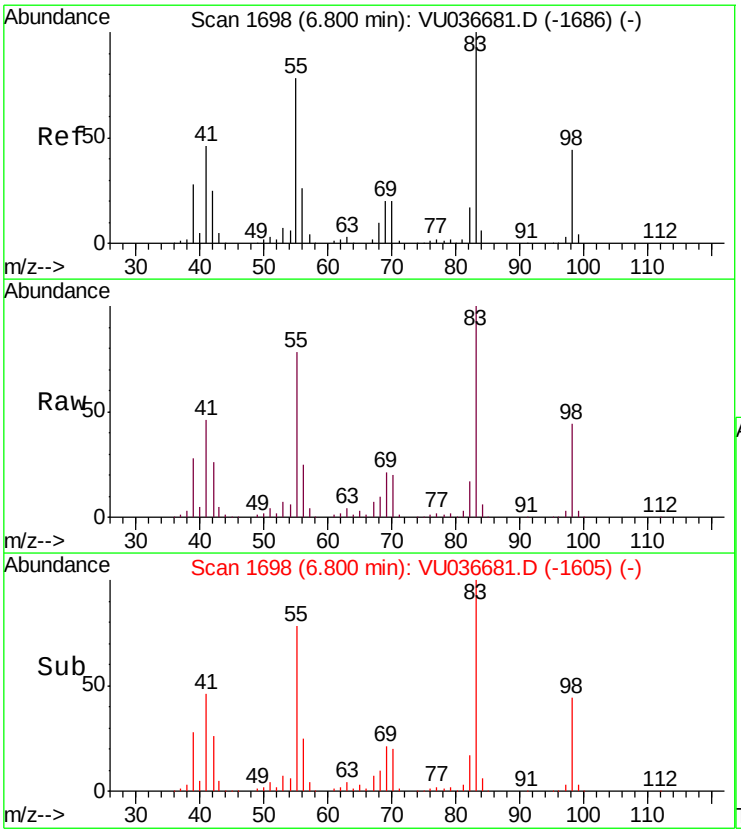
#34
Trichloroethene
Concen: 46.571 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 95 Resp: 98345

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.5	82.7
132	85.2	59.6	110.8
130	92.9	65.0	120.8

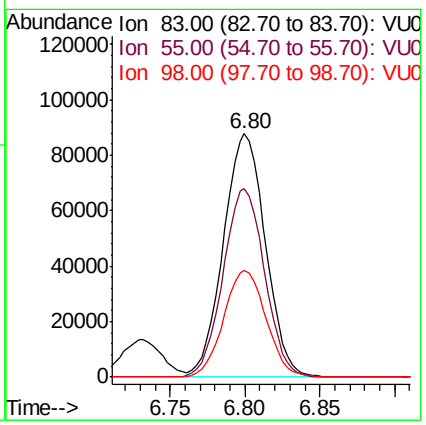


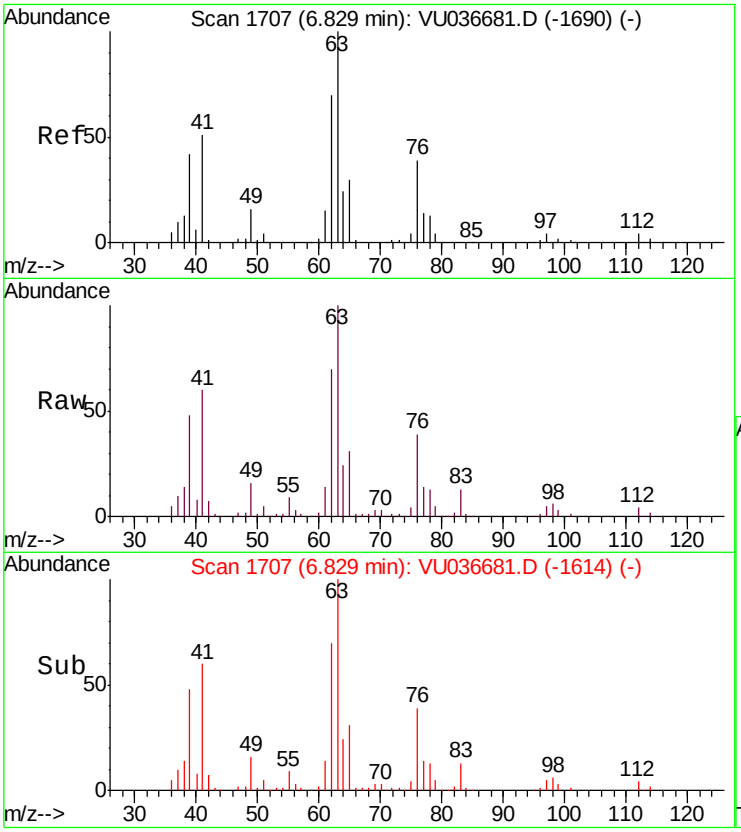


#35
Methylcyclohexane
Concen: 54.415 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 83 Resp: 171611

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.2	91.8
98	44.2	35.4	53.0



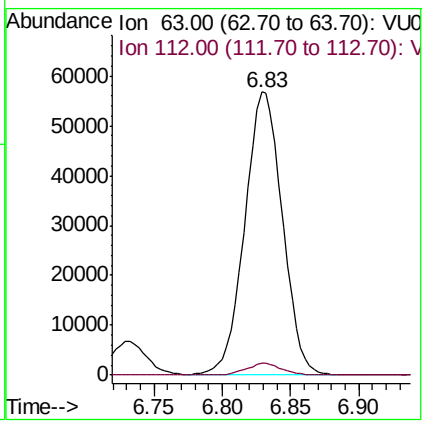


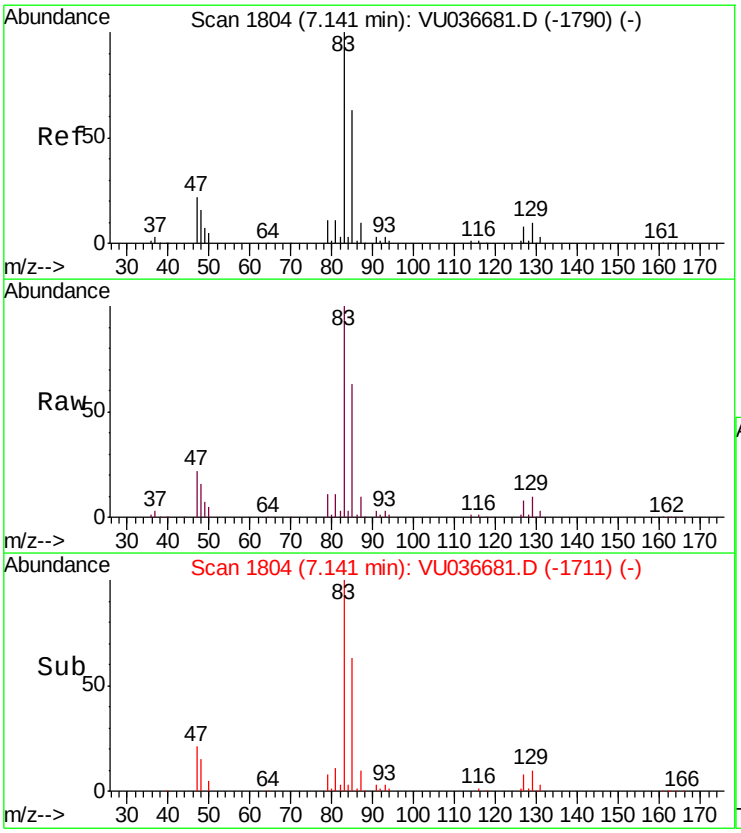
#37
1,2-Dichloropropane
Concen: 49.423 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 63 Resp: 108415

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.1	4.7

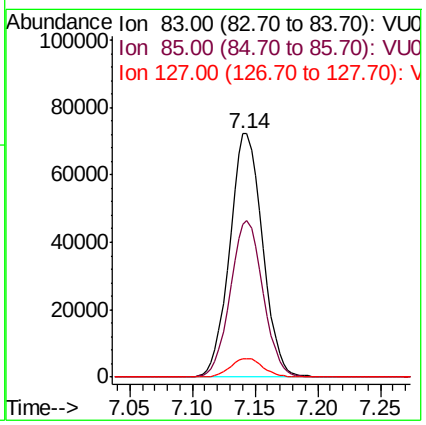


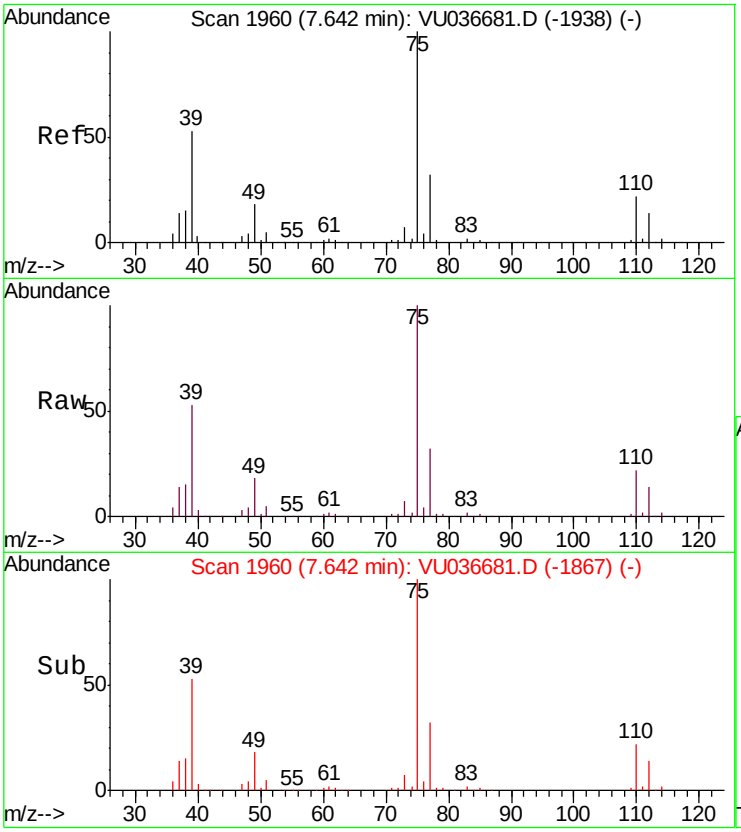


#38
Bromodichloromethane
Concen: 46.933 ug/L
RT: 7.14 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 83 Resp: 131646

Ion	Ratio	Lower	Upper
83	100		
85	62.7	43.9	81.5
127	7.5	6.0	9.0



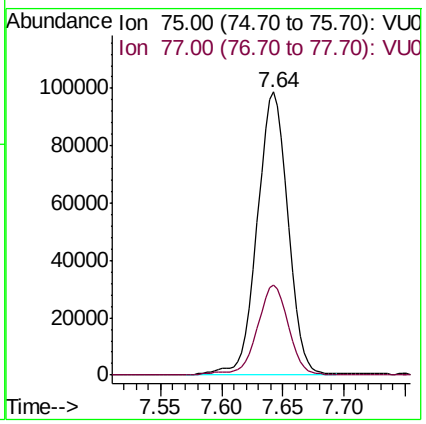


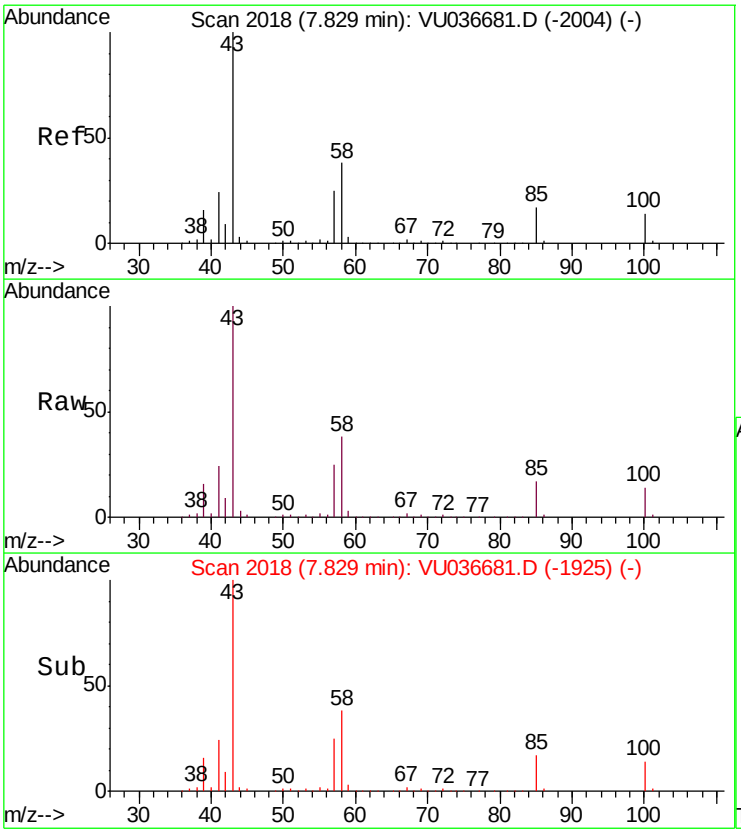
#39
cis-1,3-Dichloropropene
Concen: 52.916 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 75 Resp: 172995

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	41.5

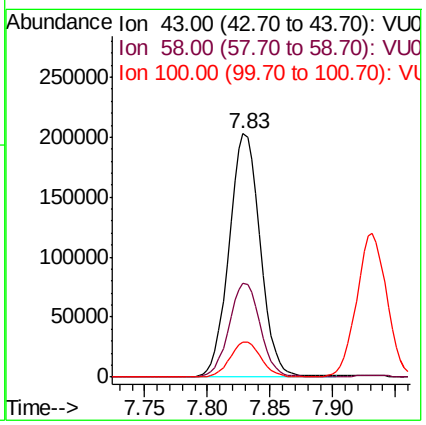


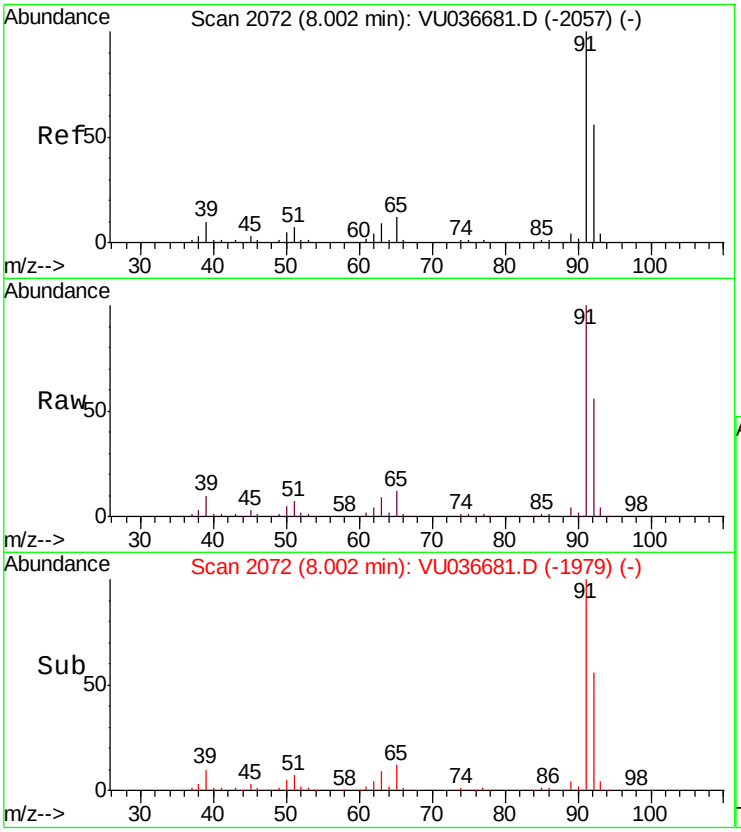


#40
4-Methyl-2-pentanone
Concen: 121.796 ug/L
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 43 Resp: 350082

Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.0	46.6
100	14.3	11.4	17.2



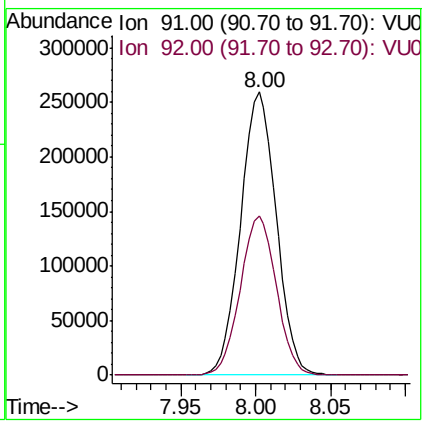


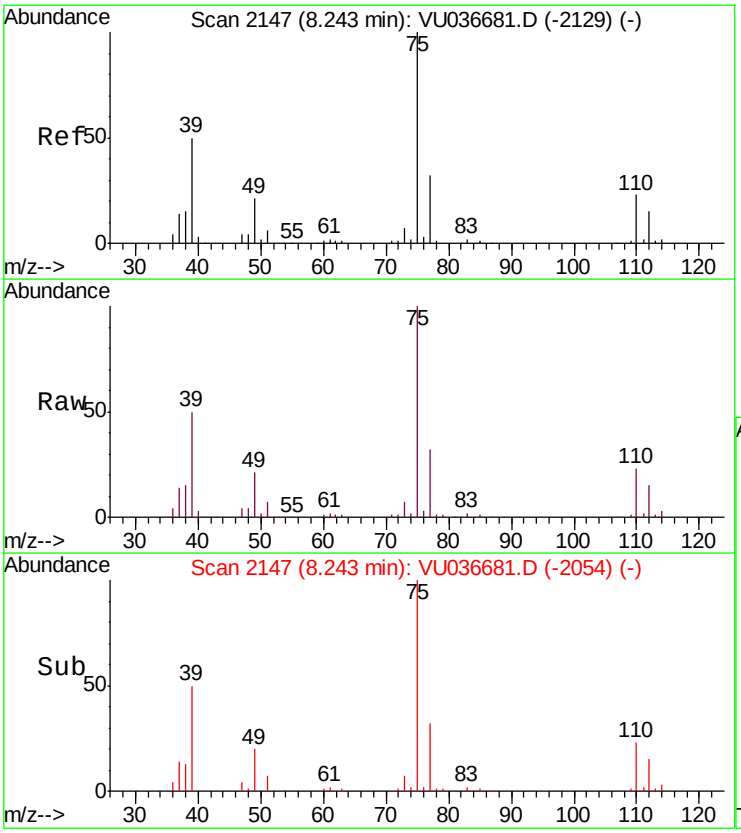
#42
Toluene
Concen: 50.847 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 91 Resp: 431500

Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.5	73.3

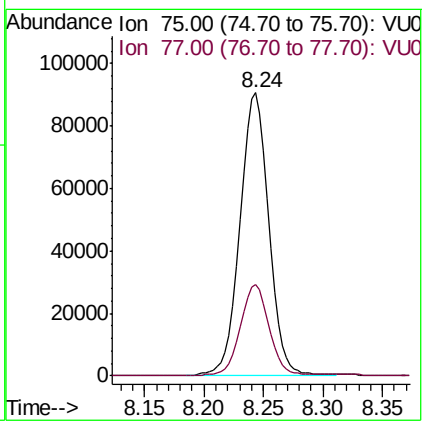


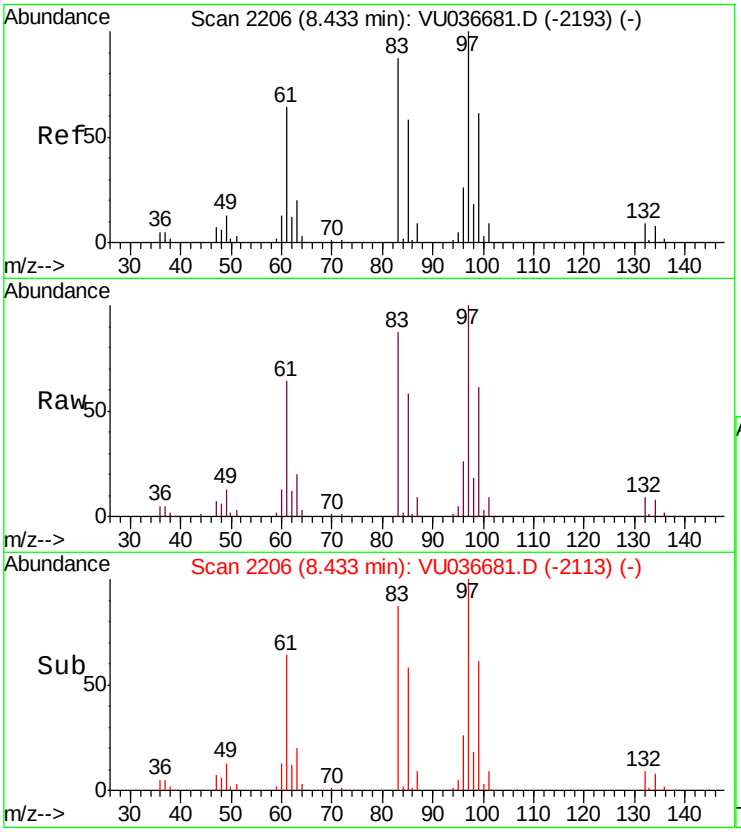


#44
trans-1,3-Dichloropropene
Concen: 51.560 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 75 Resp: 152967

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.6	42.0



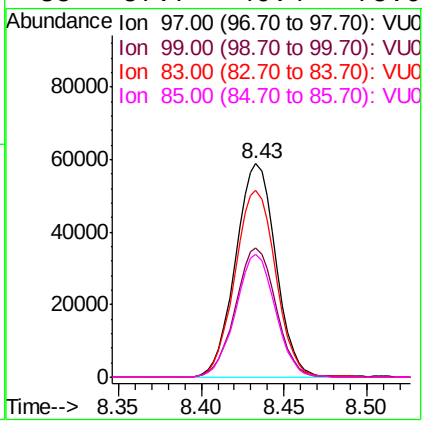


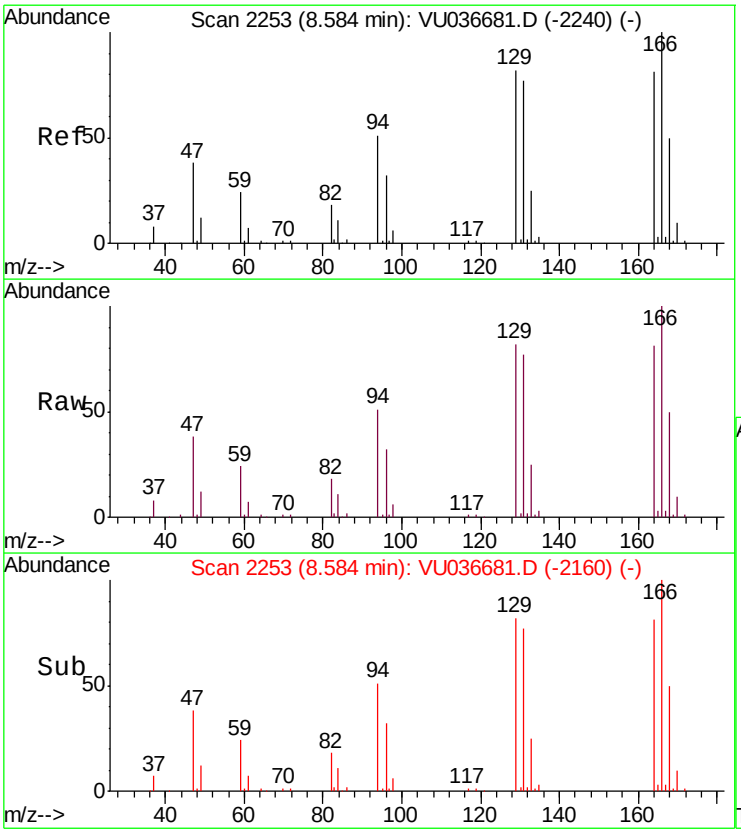
#45
1,1,2-Trichloroethane
Concen: 48.240 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 97 Resp: 99539

Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.0
83	87.3	61.1	113.5
85	57.7	40.4	75.0

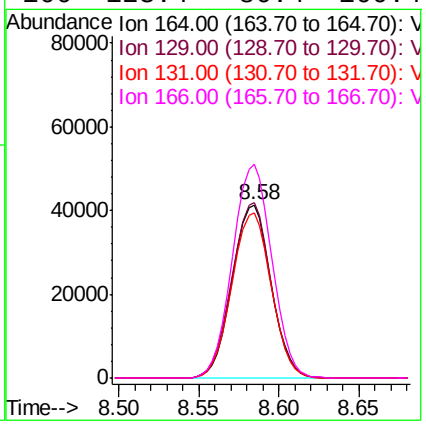


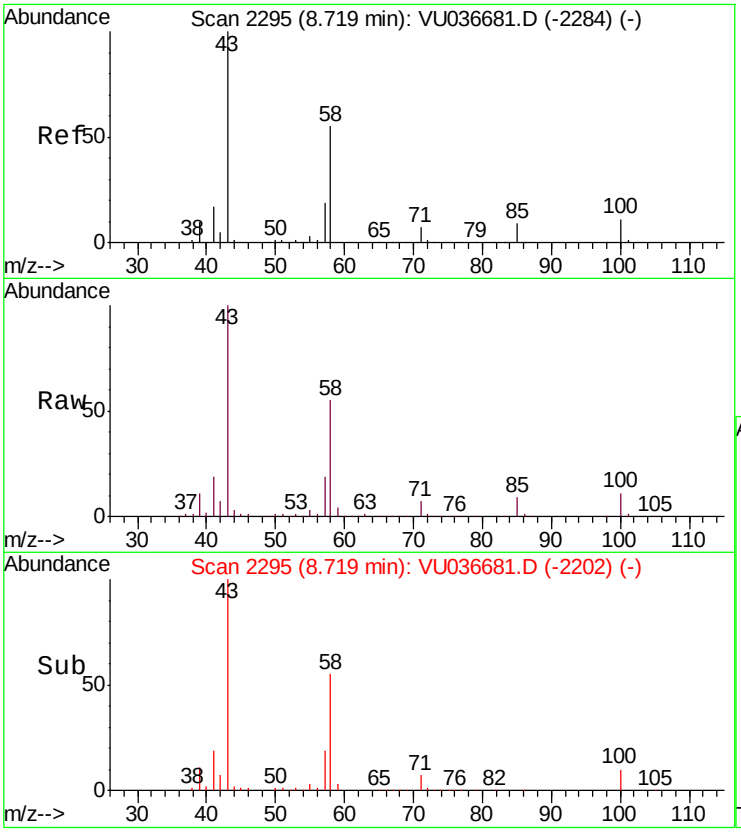


#46
Tetrachloroethene
Concen: 42.403 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:164 Resp: 68341

Ion	Ratio	Lower	Upper
164	100		
129	101.5	71.0	131.9
131	95.1	66.6	123.6
166	123.4	86.4	160.4



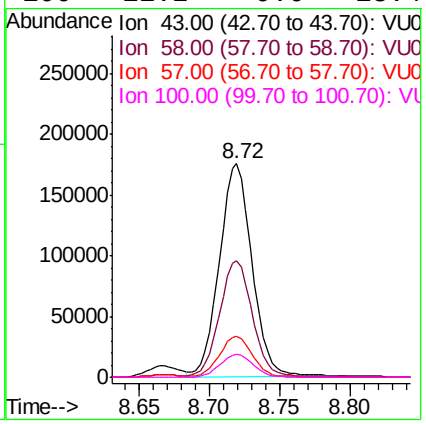


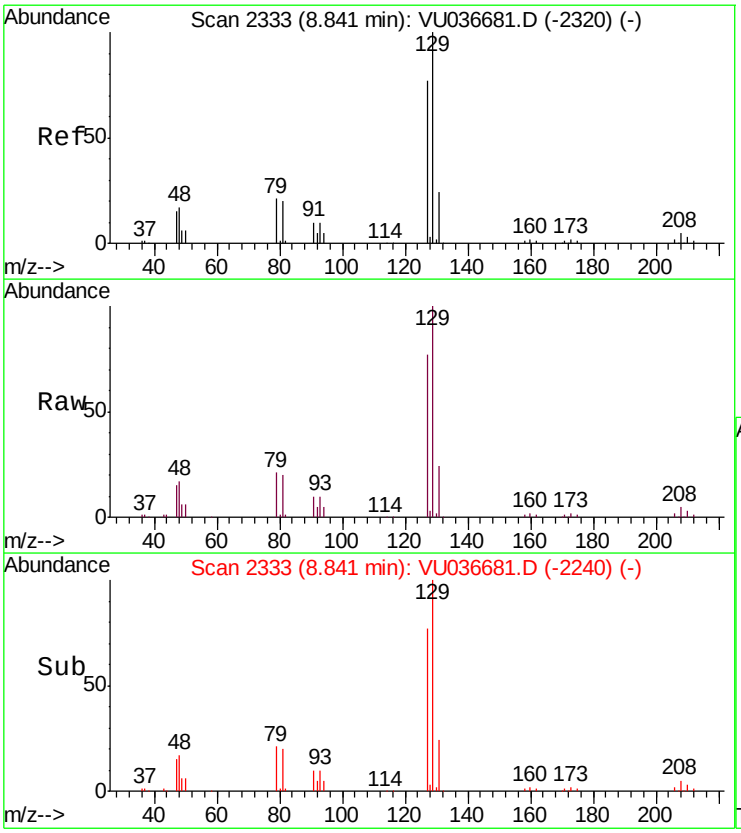
#48
2-Hexanone
Concen: 127.677 ug/L
RT: 8.72 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 43 Resp: 282606

Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.6	65.4
57	19.4	15.5	23.3
100	11.2	9.0	13.4

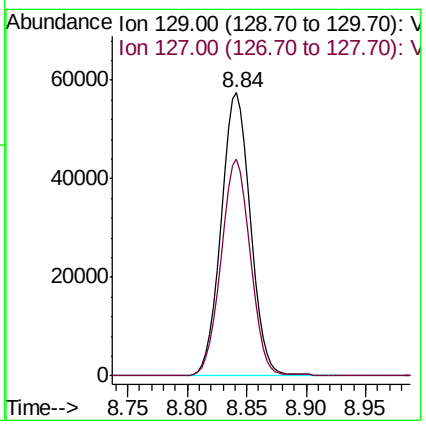


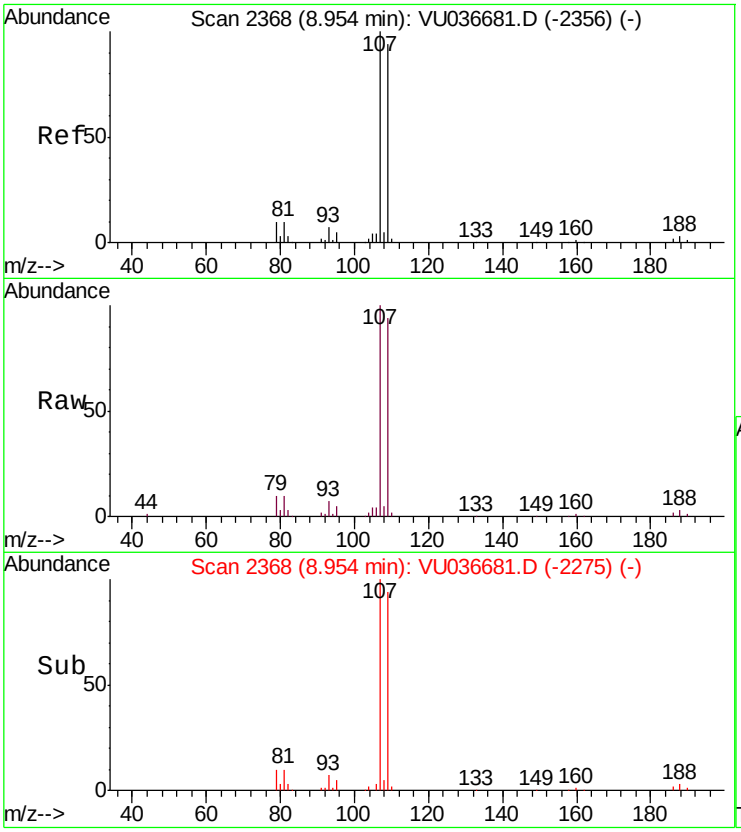


#49
Dibromochloromethane
Concen: 43.710 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:129 Resp: 98226

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6



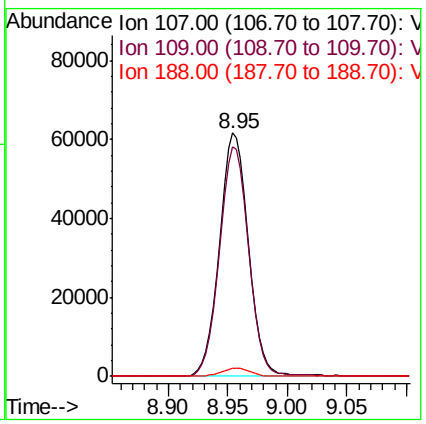


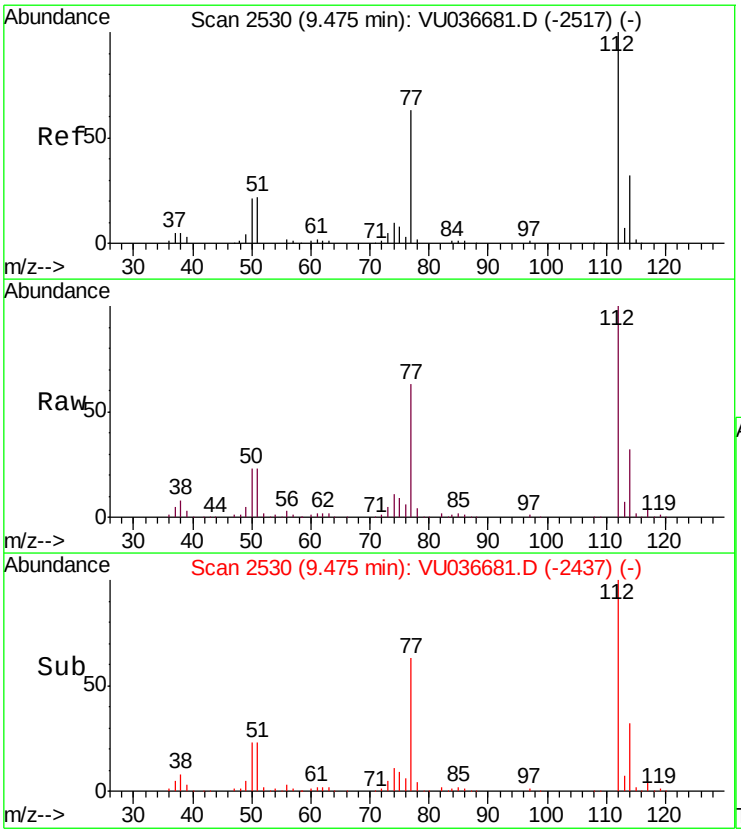
#50
1,2-Dibromoethane
Concen: 48.481 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:107 Resp: 104348

Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.8	122.2
188	3.1	2.5	3.7

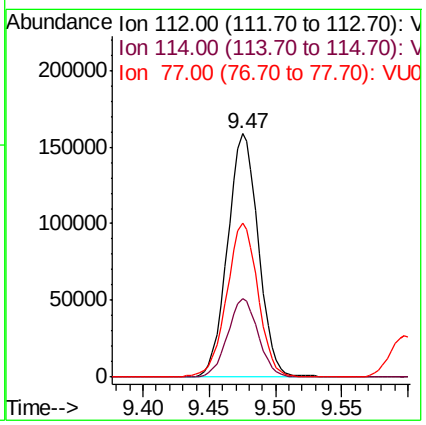


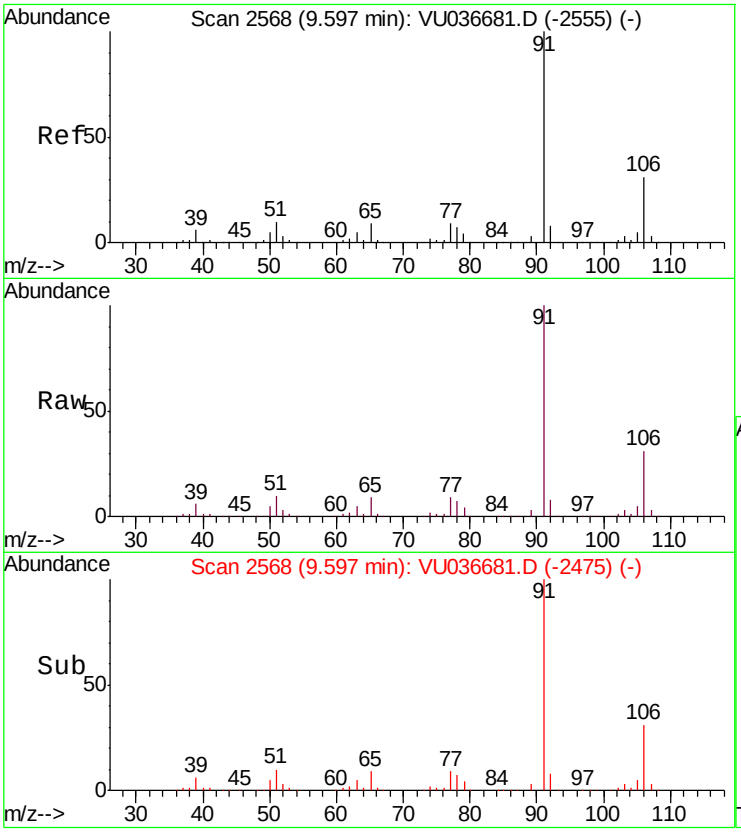


#51
Chlorobenzene
Concen: 46.918 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:112 Resp: 256585

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	63.2	50.6	75.8



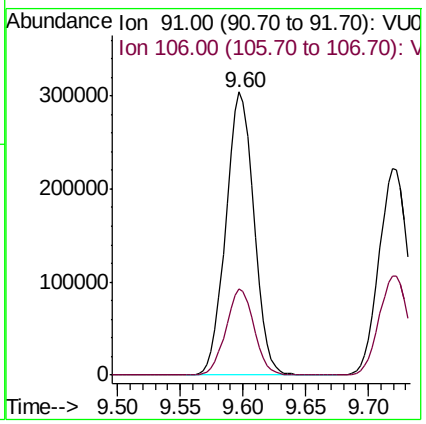


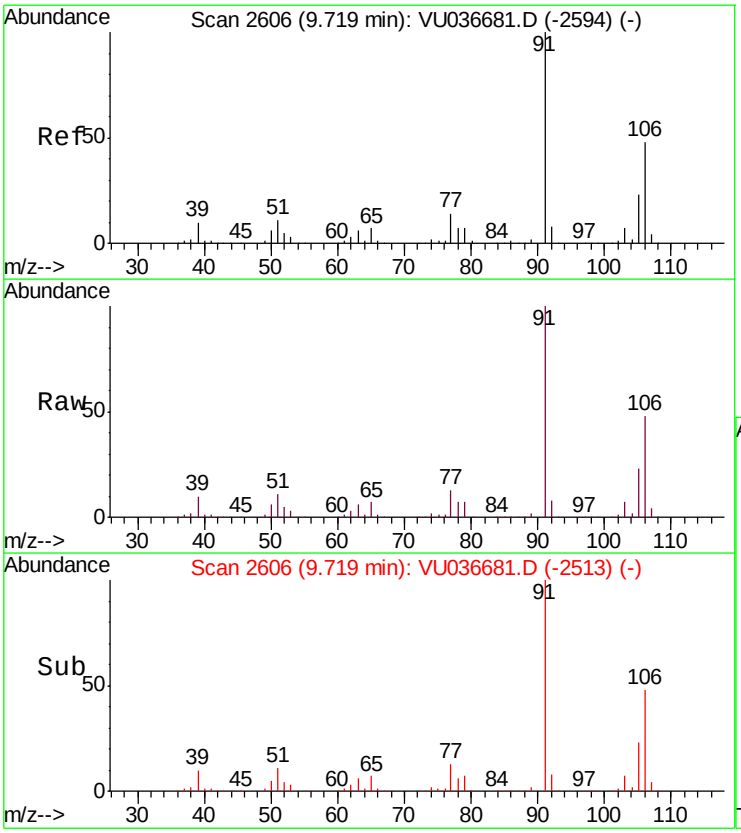
#52
Ethylbenzene
Concen: 52.623 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 91 Resp: 473717

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.3	39.6

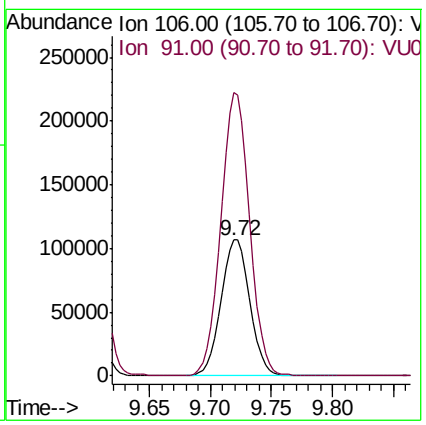


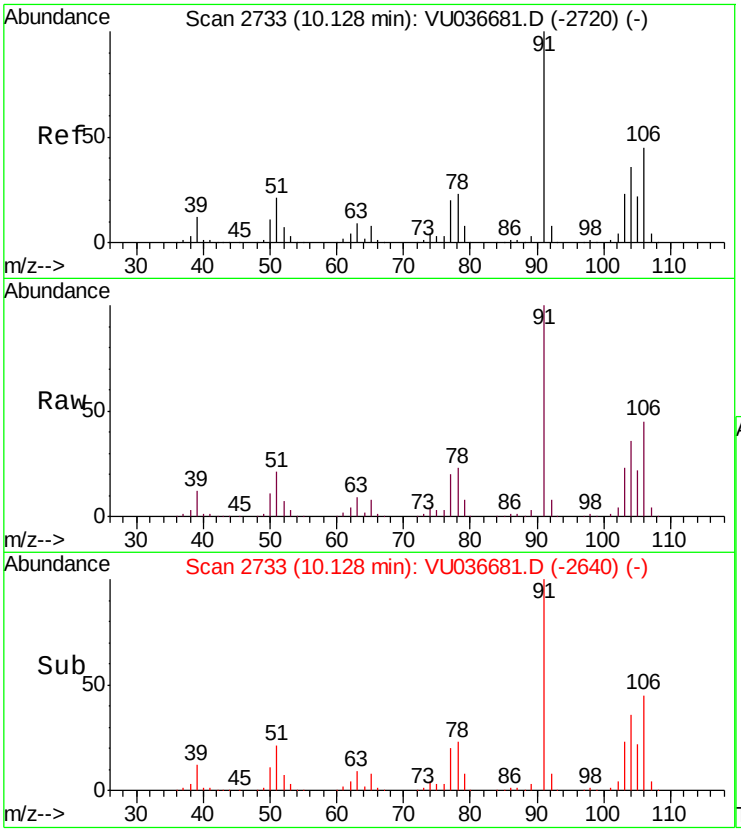


#53
m,p-Xylene
Concen: 53.104 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:106 Resp: 177522

Ion	Ratio	Lower	Upper
106	100		
91	208.4	145.9	270.9



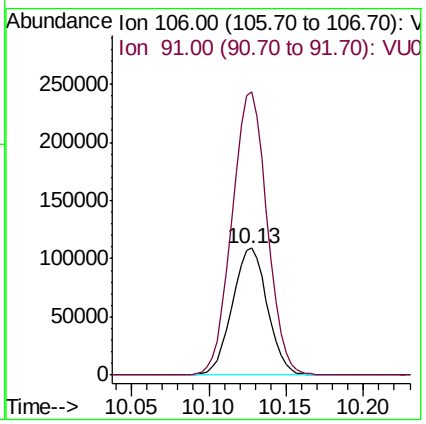


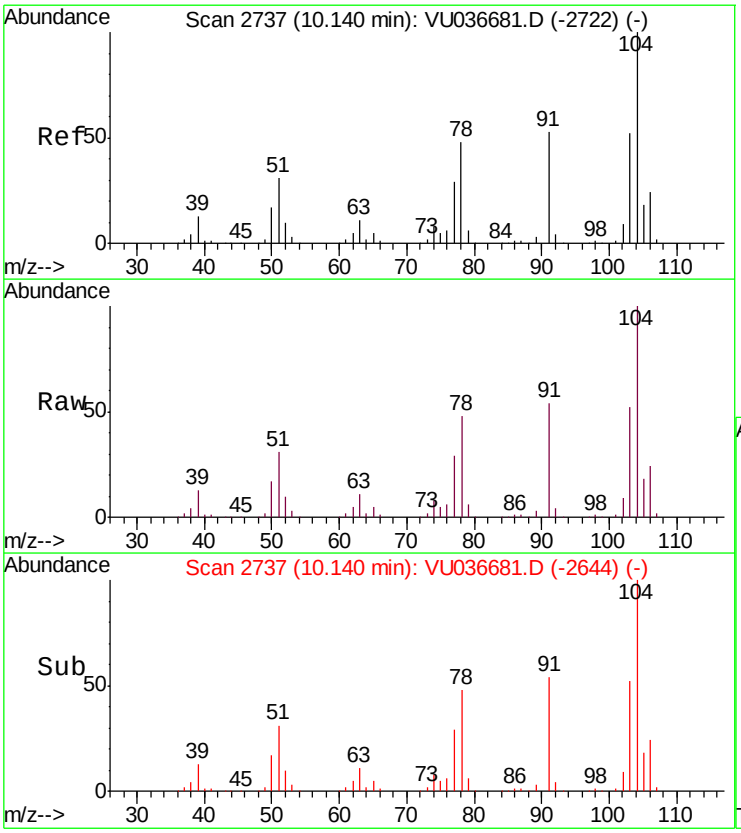
#54
o-xylene
Concen: 52.245 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion:106 Resp: 171975

Ion	Ratio	Lower	Upper
106	100		
91	222.8	156.0	289.6

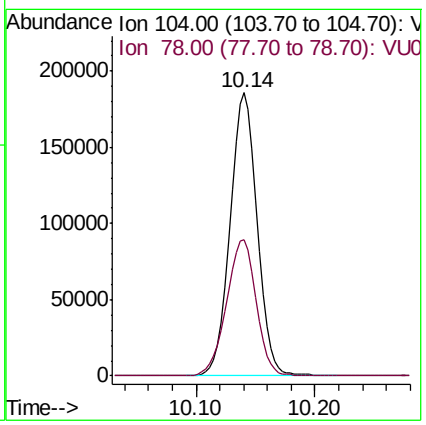


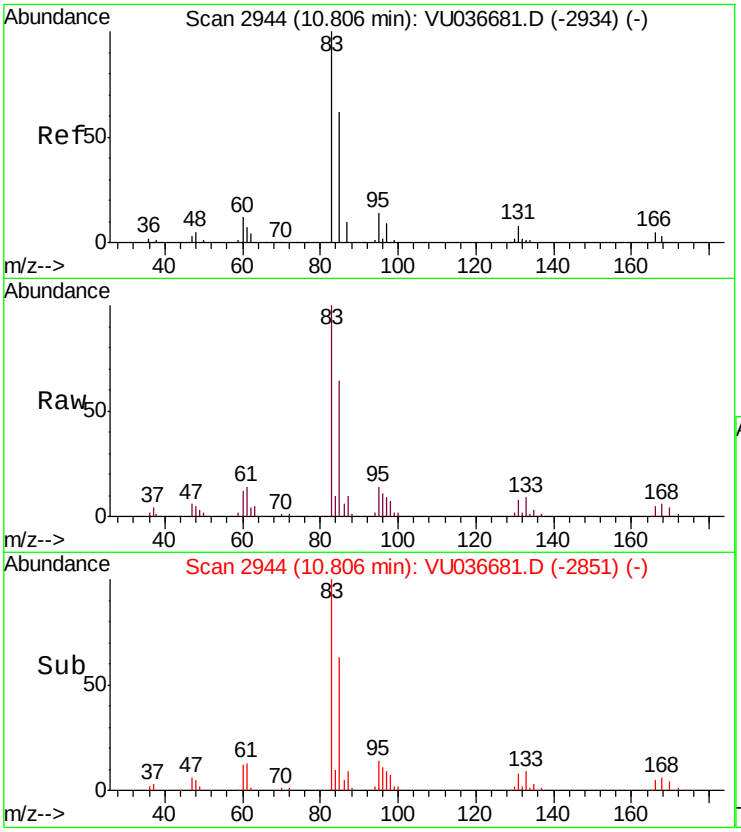


#55
Styrene
Concen: 52.618 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:104 Resp: 292493

Ion	Ratio	Lower	Upper
104	100		
78	48.2	33.7	62.7



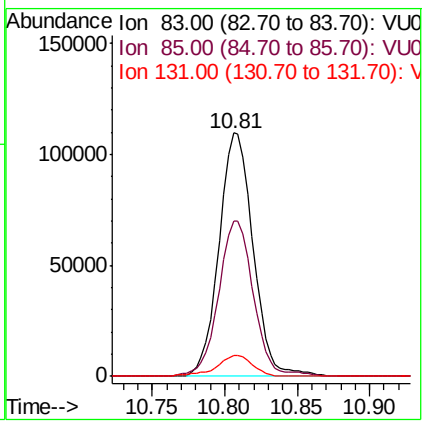


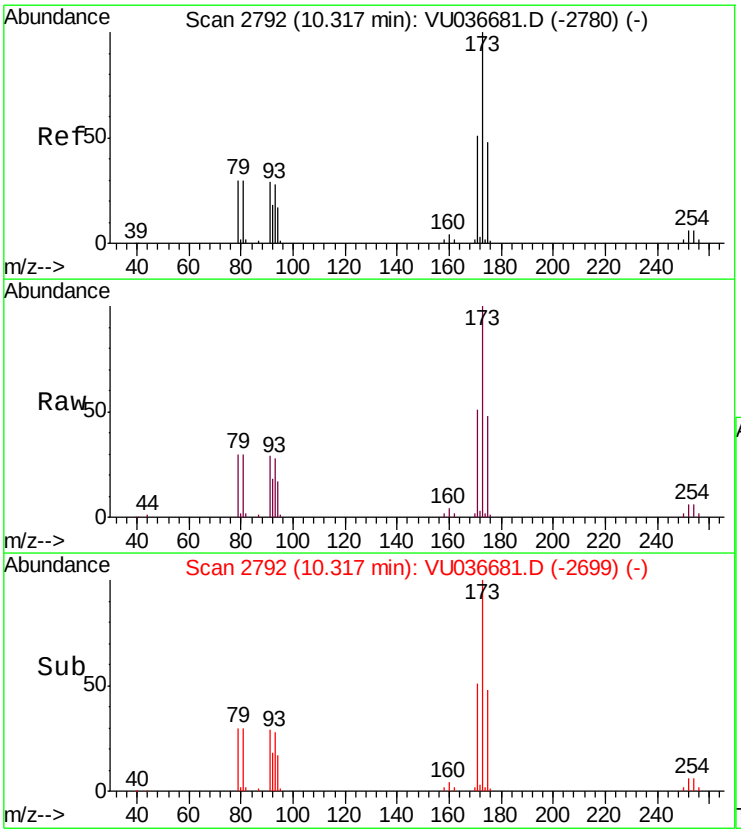
#57
1,1,2,2-Tetrachloroethane
Concen: 51.171 ug/L
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion: 83 Resp: 179222

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.7	82.9
131	8.5	6.8	10.2

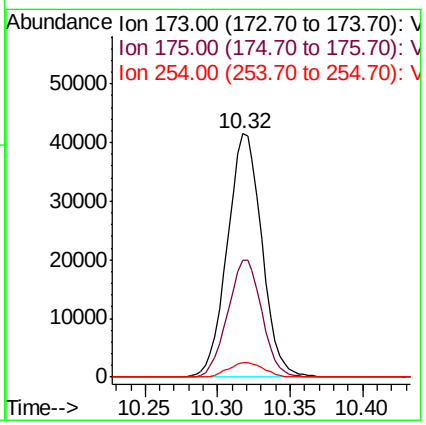


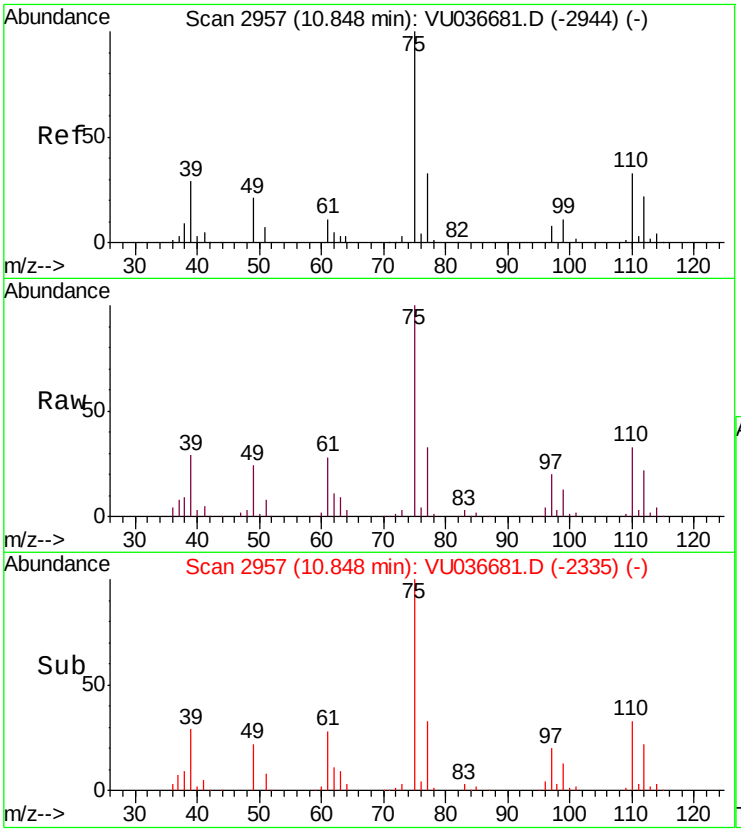


#59
Bromoform
Concen: 45.286 ug/L
RT: 10.32 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:173 Resp: 68434

Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.2	57.4
254	6.0	4.8	7.2



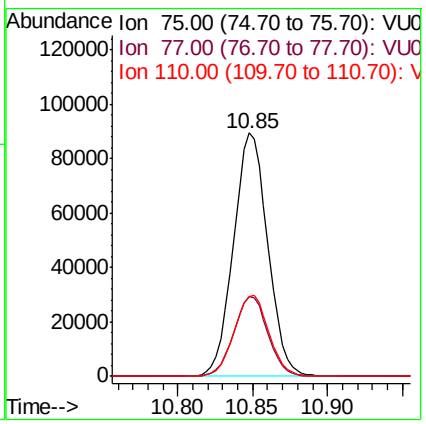


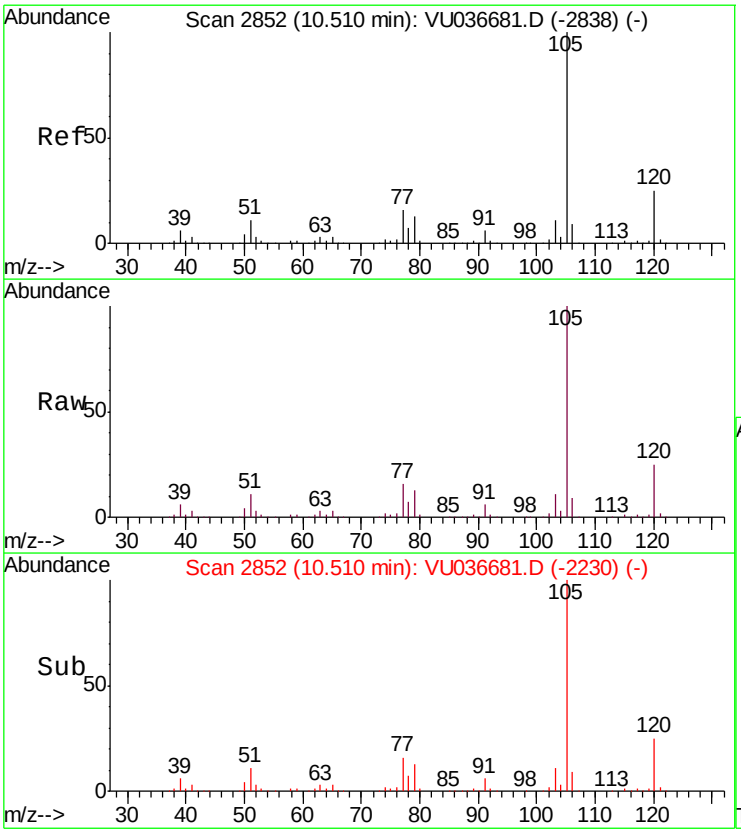
#60
1,2,3-Trichloropropane
Concen: 56.518 ug/L
RT: 10.85 min Scan# 2957
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion: 75 Resp: 142388

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.1	39.1
110	33.6	26.9	40.3

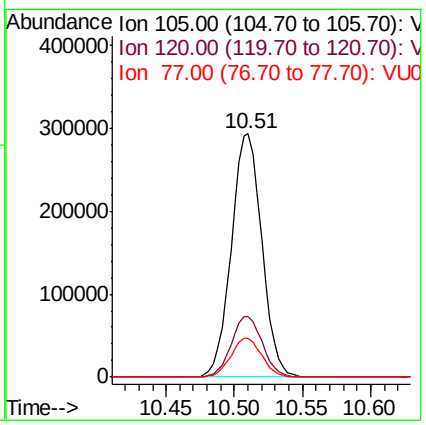


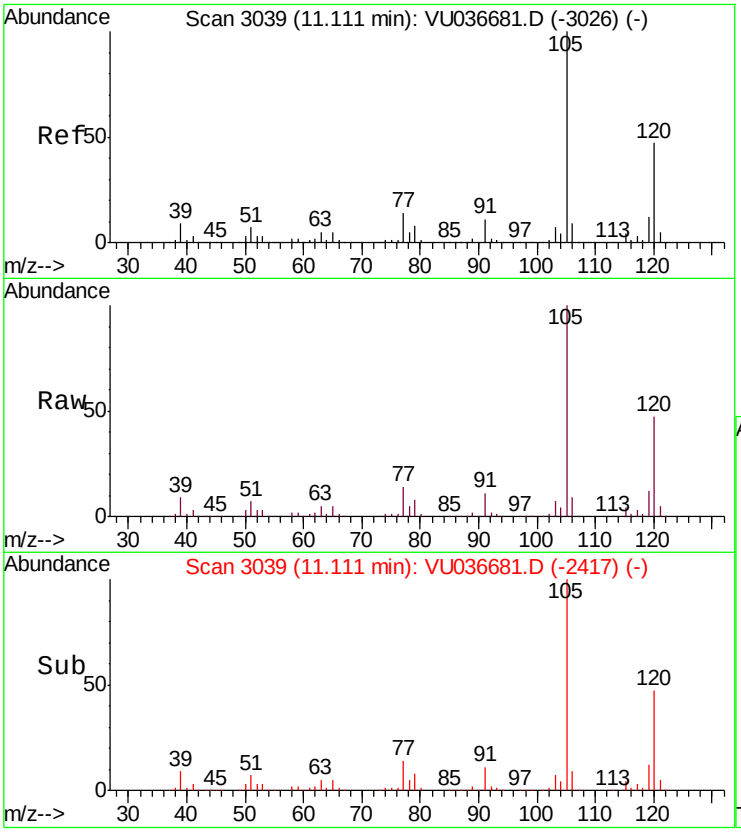


#61
Isopropylbenzene
Concen: 58.886 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:105 Resp: 455319

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.2	30.4
77	16.3	13.0	19.6



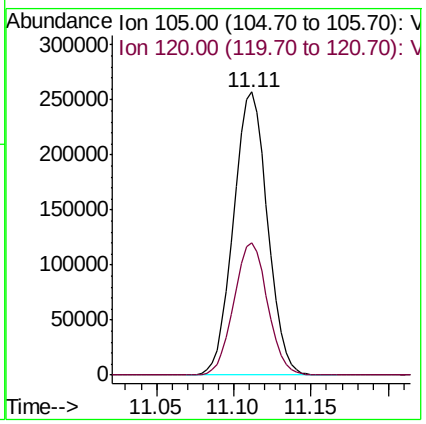


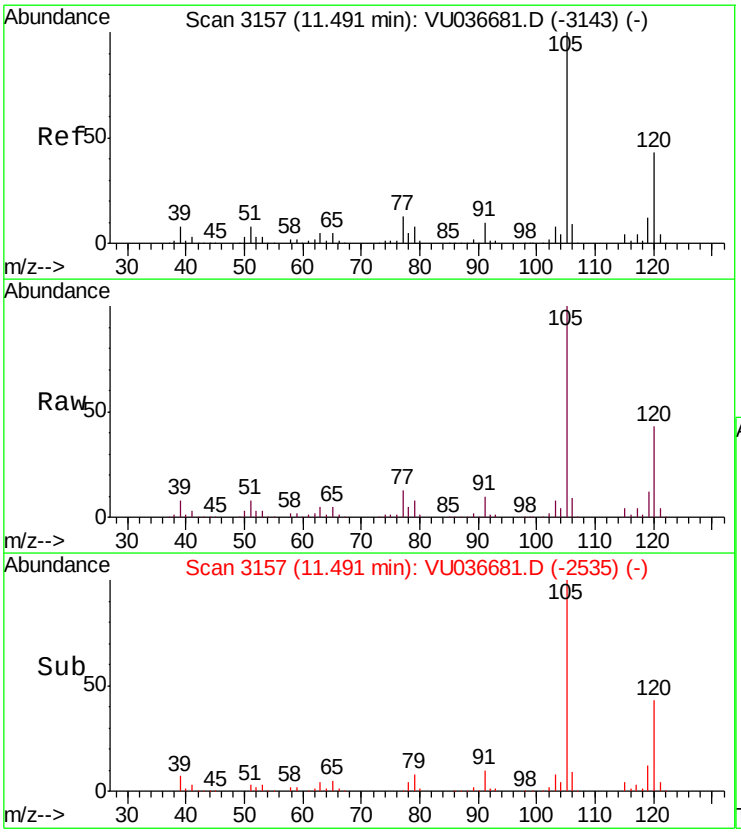
#62
1,3,5-Trimethylbenzene
Concen: 62.078 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:105 Resp: 391928

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.1	55.7

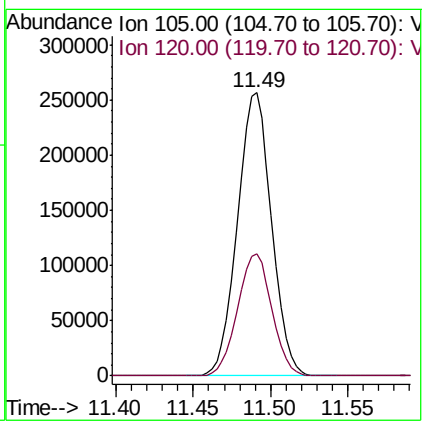


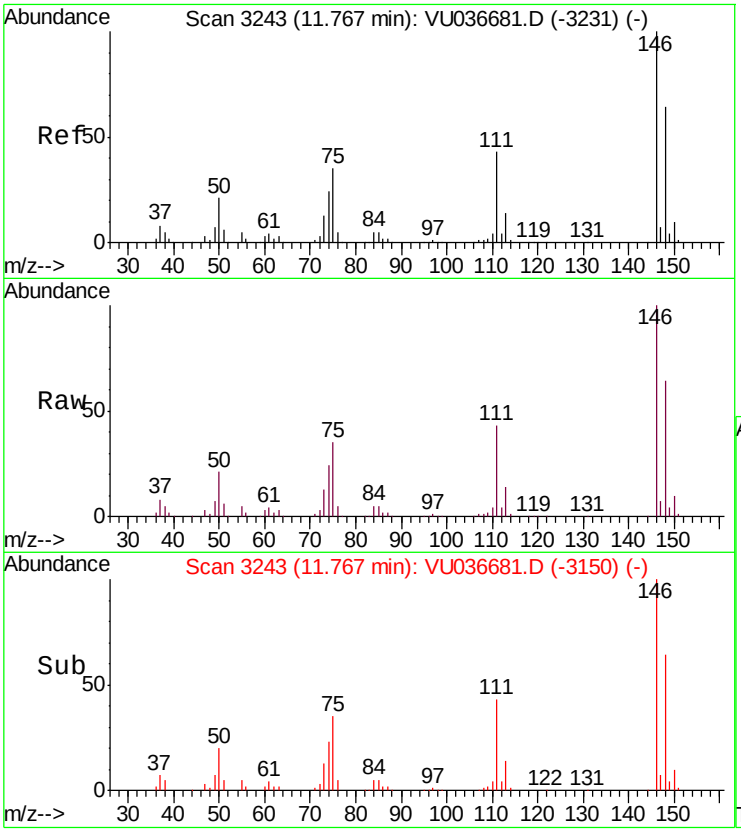


#63
1,2,4-Trimethylbenzene
Concen: 62.683 ug/L
RT: 11.49 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:105 Resp: 391920

Ion	Ratio	Lower	Upper
105	100		
120	43.4	34.7	52.1



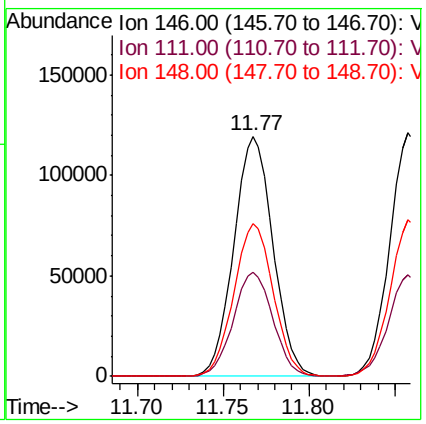


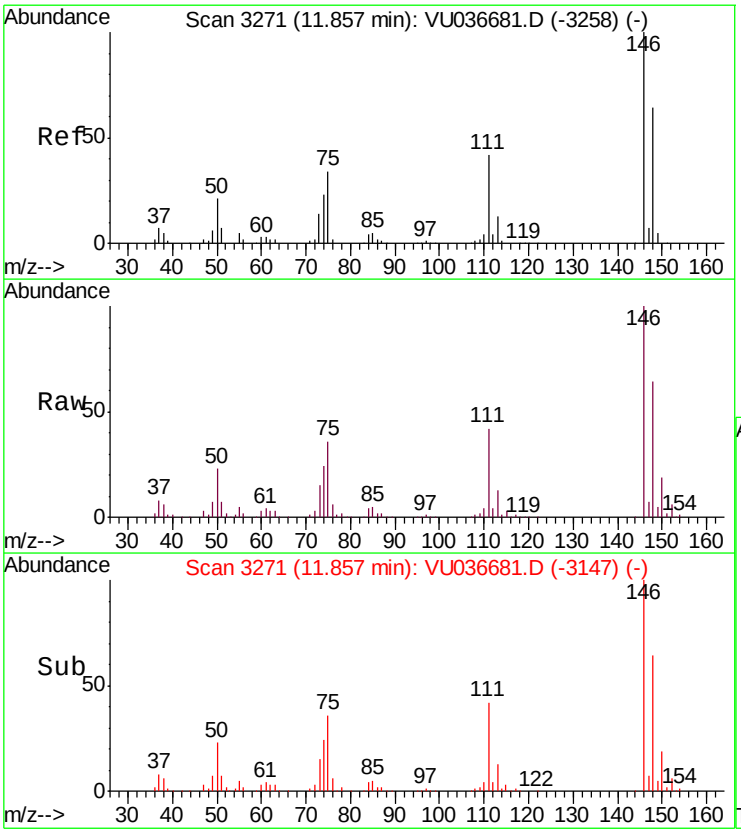
#64
1,3-Dichlorobenzene
Concen: 50.442 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion:146 Resp: 188632

Ion	Ratio	Lower	Upper
146	100		
111	43.4	30.4	56.4
148	63.6	44.5	82.7

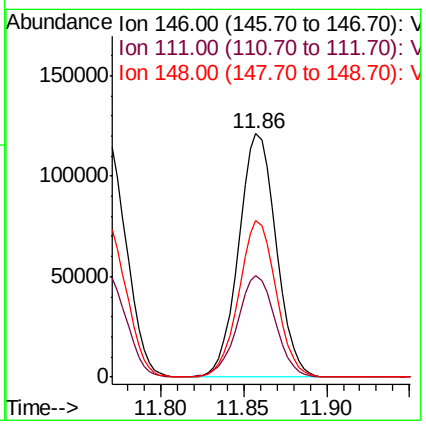


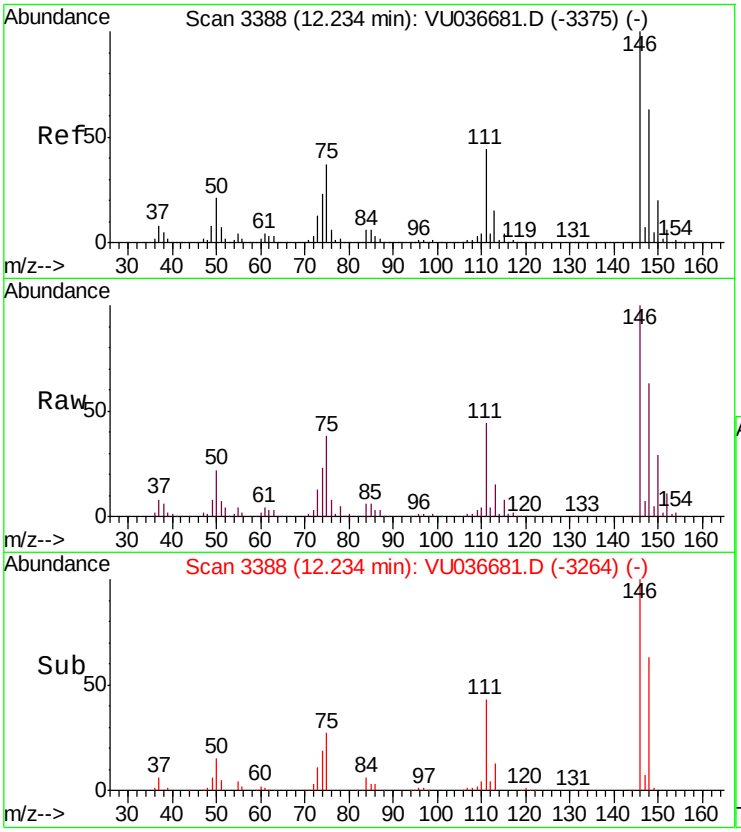


#65
1,4-Dichlorobenzene
Concen: 49.592 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:146 Resp: 189568

Ion	Ratio	Lower	Upper
146	100		
111	41.8	29.3	54.3
148	64.0	44.8	83.2



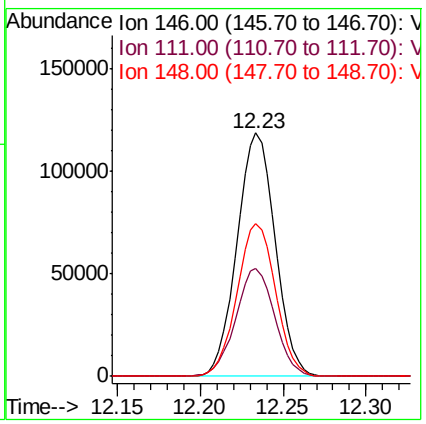


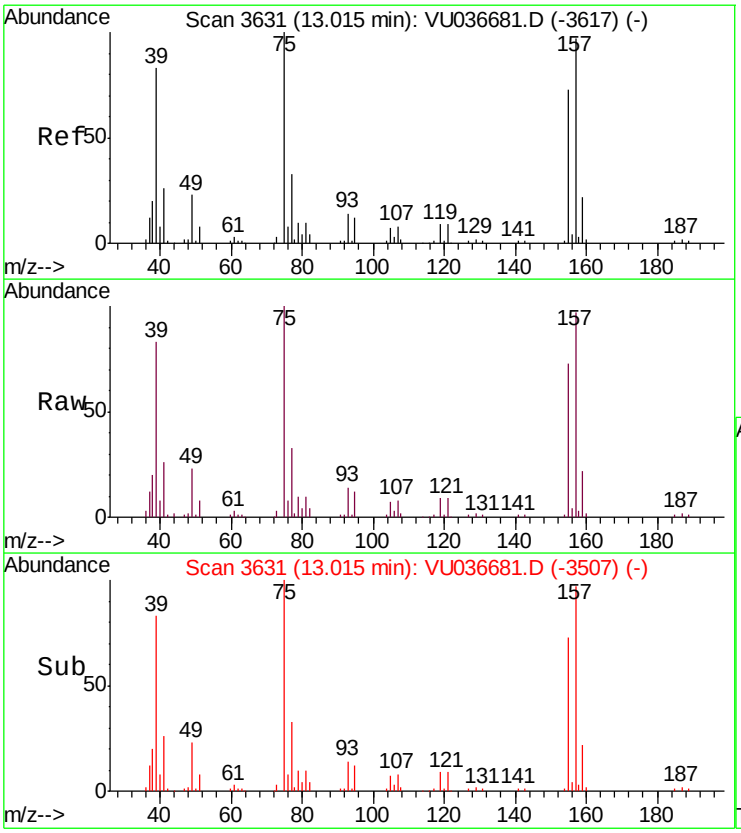
#67
1,2-Dichlorobenzene
Concen: 49.972 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:146 Resp: 190071

Ion	Ratio	Lower	Upper
146	100		
111	44.2	35.4	53.0
148	63.0	50.4	75.6

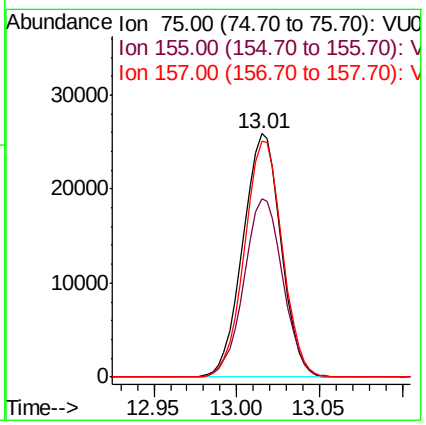


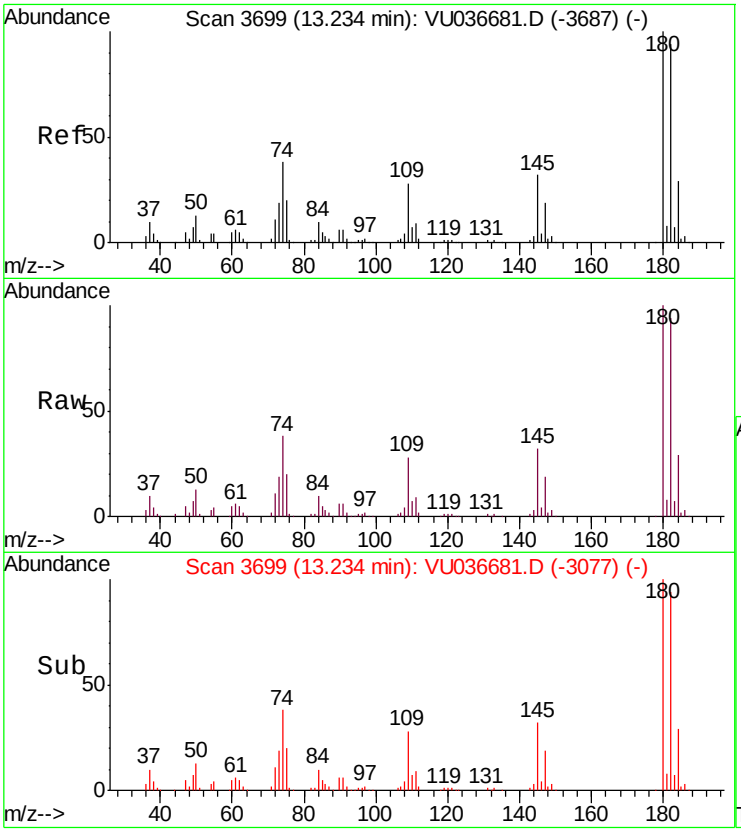


#68
1,2-Dibromo-3-chloropropane
Concen: 58.328 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion: 75 Resp: 41352

Ion	Ratio	Lower	Upper
75	100		
155	73.4	58.7	88.1
157	97.2	77.8	116.6



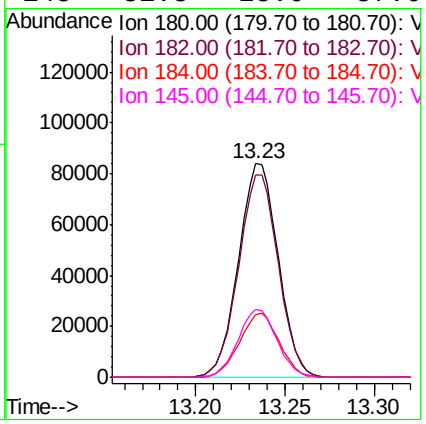


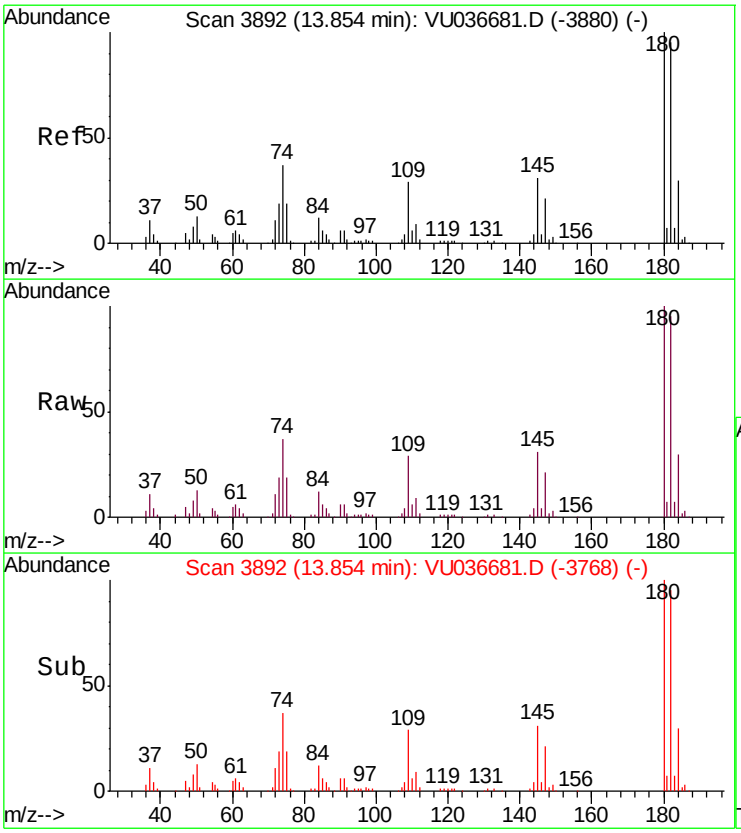
#69
1,3,5-Trichlorobenzene
Concen: 47.010 ug/L
RT: 13.23 min Scan# 3699
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument : MSVOA_U
ClientSampleId : VSTD050103

Tgt Ion:180 Resp: 130673

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
184	29.7	23.8	35.6
145	31.3	25.0	37.6

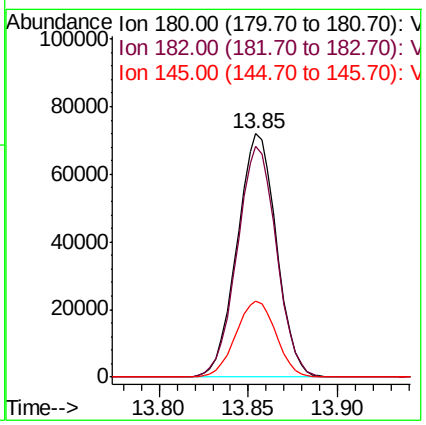


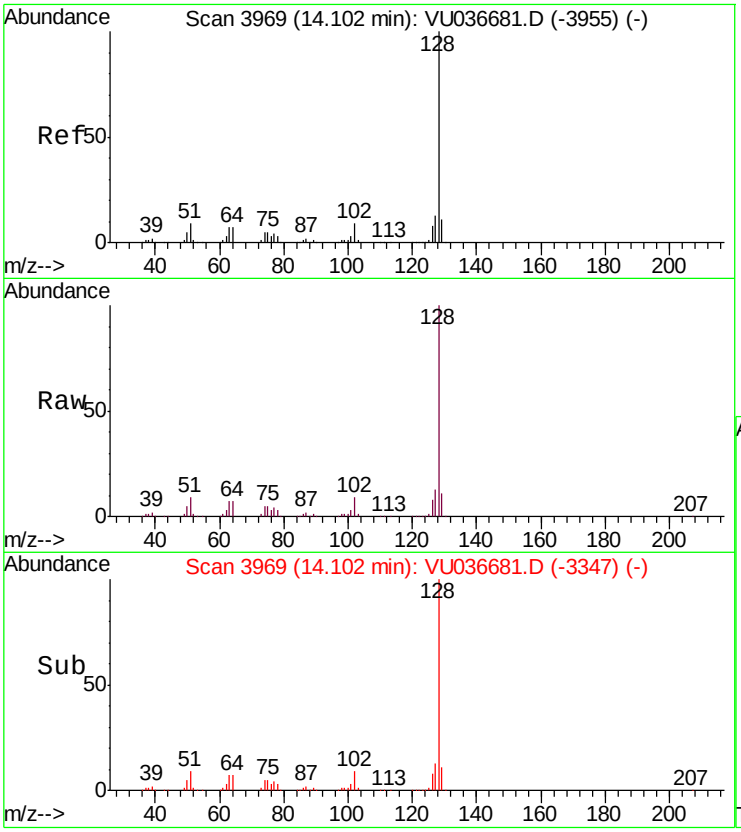


#70
1,2,4-trichlorobenzene
Concen: 48.123 ug/L
RT: 13.85 min Scan# 3892
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:180 Resp: 110435

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	32.1	25.7	38.5



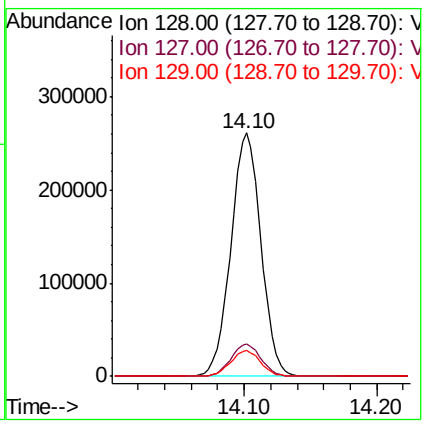


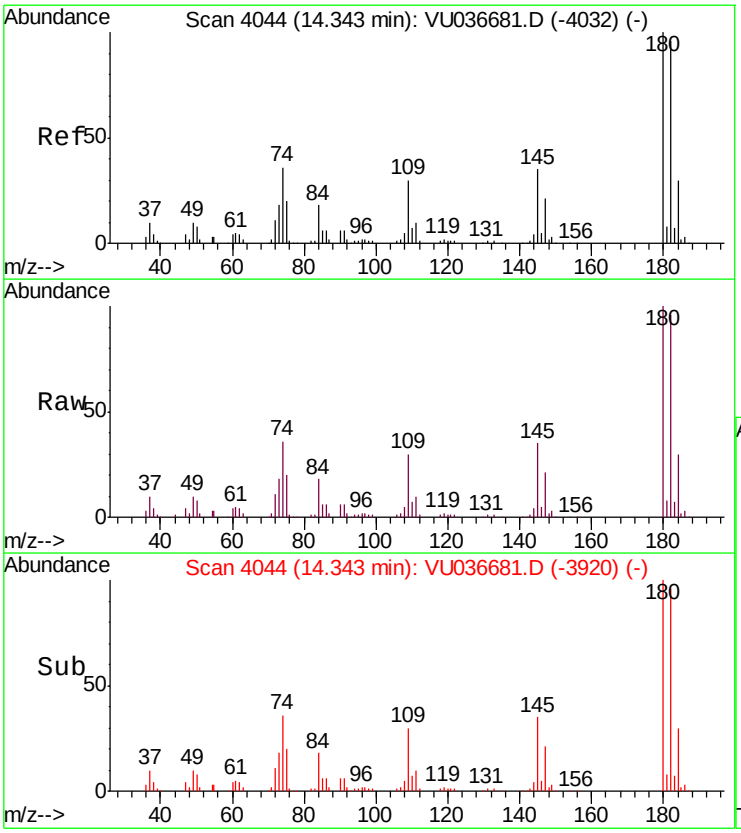
#71
Naphthalene
Concen: 58.000 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050103

Tgt Ion:128 Resp: 410277

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.6	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 46.056 ug/L
RT: 14.34 min Scan# 4044
Delta R.T. 0.00 min
Lab File: VU036681.D
Acq: 06 Feb 2020 12:16

Tgt Ion:180 Resp: 109200

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	34.4	27.5	41.3