Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\

Quantitation Report (Not Reviewed)

Data File : VU034999.D
Acq On : 08 Oct 2019 19:07
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 09 07:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	40283	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.67	69	40124	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.26	63	94546	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	4.17	46	146579	50.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.42%			
24) Chloroform-d	4.62	84	81372	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.29	65	50757	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.32	84	177007	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.31	67	61040	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.54	98	172594	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.83	79	21197	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.30	63	114178	50.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.86%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54497	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	67869	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	79920	5.267	ug/L	97
3) Chloromethane	1.32	50	87335	5.247	ug/L	100
5) Vinyl chloride	1.40	62	87201	5.333	ug/L	99
6) Bromomethane	1.62	94	48331	5.317	ug/L	96
8) Chloroethane	1.69	64	51668	5.269	ug/L	99
9) Trichlorofluoromethane	1.88	101	109217	5.523	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	60660	5.342	ug/L	98
12) 1,1-Dichloroethene	2.27	96	57967	5.435	ug/L	86
13) Acetone	2.32	43	124076	52.412	ug/L	95
14) Carbon disulfide	2.46	76	180339	5.081	ug/L	100
15) Methyl Acetate	2.61	43	32692	5.188	ug/L	98
16) Methylene chloride	2.68	84	68377	5.179	ug/L	84
17) Methyl tert-butyl Ether	2.99	73	156740	5.387	ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	61431	5.379	ug/L	95
19) 1,1-Dichloroethane	3.42	63	121428	5.350	ug/L	100
21) 2-Butanone	4.26	43	181734	53.907	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	65788	5.164	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\

Quantitation Report (Not Reviewed)

Data File : VU034999.D
Acq On : 08 Oct 2019 19:07
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 09 07:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	30117	5.641	ug/L	91
25) Chloroform	4.65	83	138971	5.449	ug/L	99
27) 1,2-Dichloroethane	5.38	62	80151	5.381	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	97205	5.129	ug/L	97
30) Cyclohexane	4.97	56	103431	4.964	ug/L	96
31) Carbon tetrachloride	5.11	117	86058	5.237	ug/L	99
33) Benzene	5.37	78	265107	5.216	ug/L	100
34) Trichloroethene	6.16	95	66249	5.054	ug/L	96
35) Methylcyclohexane	6.39	83	105624	4.975	ug/L	99
37) 1,2-Dichloropropane	6.41	63	72326	5.275	ug/L	99
38) Bromodichloromethane	6.74	83	83310	5.183	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	90869	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	447725	51.886	ug/L	96
42) Toluene	7.62	91	285998	5.391	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	71125	4.944	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	48851	5.366	ug/L	95
47) Tetrachloroethene	8.21	164	54551	5.141	ug/L	94
48) 2-Hexanone	8.35	43	323153	54.620	ug/L	95
49) Dibromochloromethane	8.46	129	54683	5.197	ug/L	98
50) 1,2-Dibromoethane	8.57	107	46707	5.368	ug/L	99
51) Chlorobenzene	9.10	112	177438	5.161	ug/L	99
52) Ethylbenzene	9.23	91	302408	5.161	ug/L	99
53) m,p-Xylene	9.35	106	114964	5.311	ug/L	94
54) o-Xylene	9.76	106	109737	5.184	ug/L	97
55) Styrene	9.77	104	183795	5.362	ug/L	100
56) Isopropylbenzene	10.14	105	295905	5.247	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	65961	5.328	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	47052	5.302	ug/L	99
61) Bromoform	9.94	173	29304	4.822	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	137033	5.020	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	139351	5.058	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	132946	5.047	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	8120	4.851	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	93334	5.049	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	63752	4.618	ug/L	100
69) Naphthalene	13.73	128	86754	4.042	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	65887	4.908	ug/L	98

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

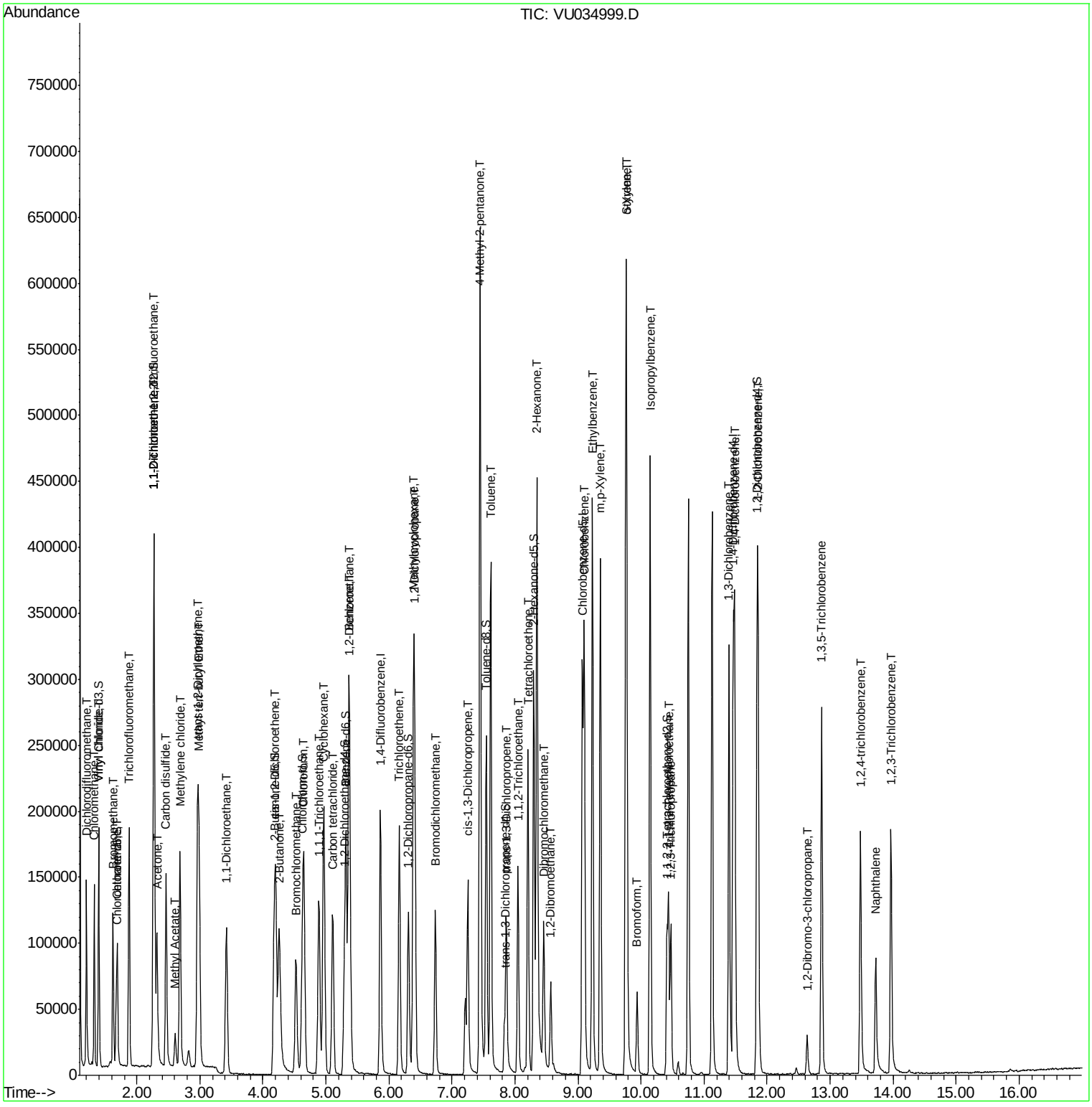
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\

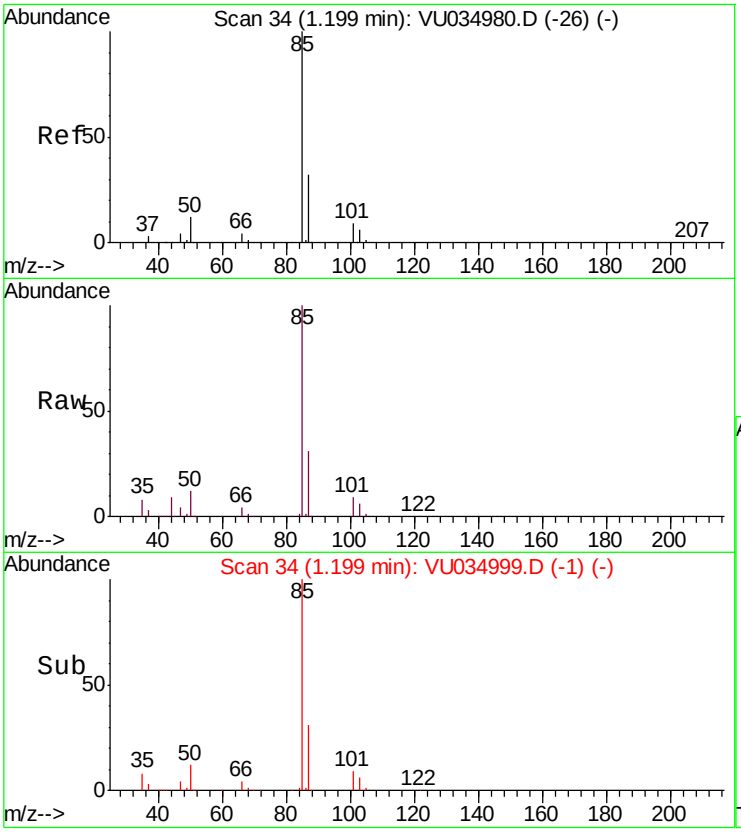
Quantitation Report (Not Reviewed)

Data File : VU034999.D
Acq On : 08 Oct 2019 19:07
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Quant Time: Oct 09 07:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration



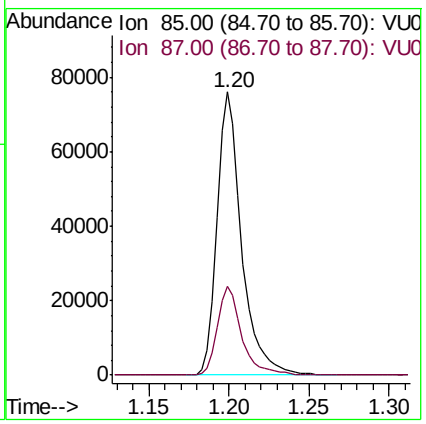


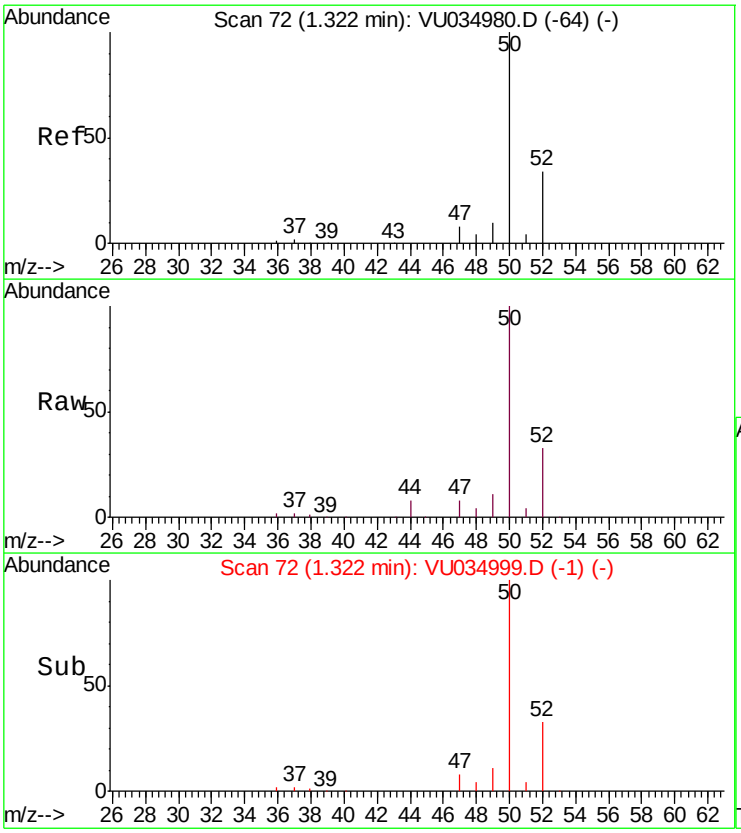
#2
Dichlorodifluoromethane
Concen: 5.267 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 85 Resp: 79920

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.3	39.5

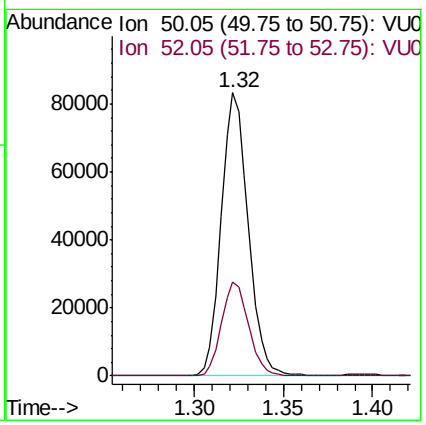


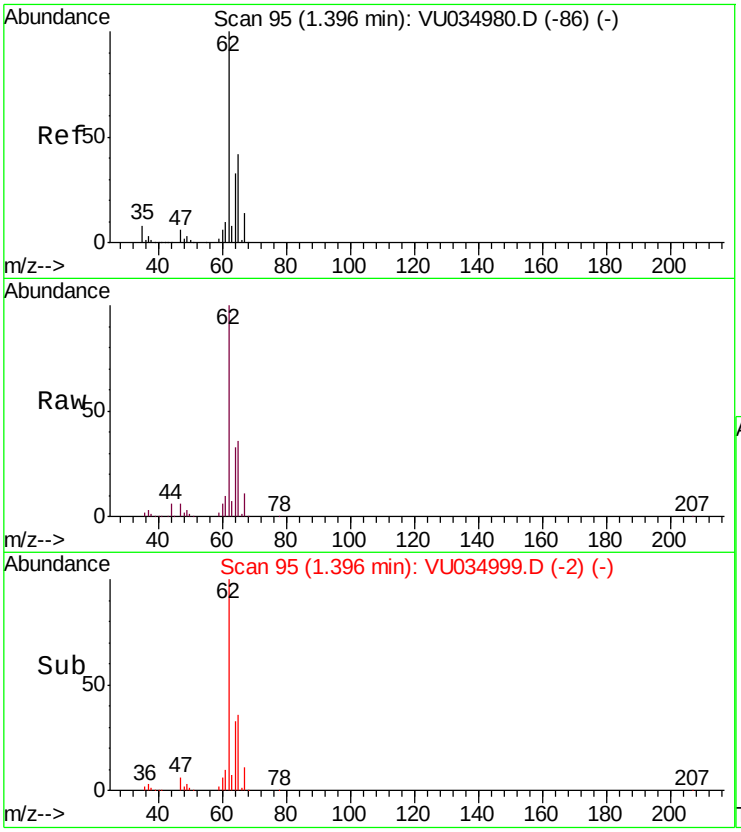


#3
Chloromethane
Concen: 5.247 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 50 Resp: 87335

Ion	Ratio	Lower	Upper
50	100		
52	33.1	23.3	43.3



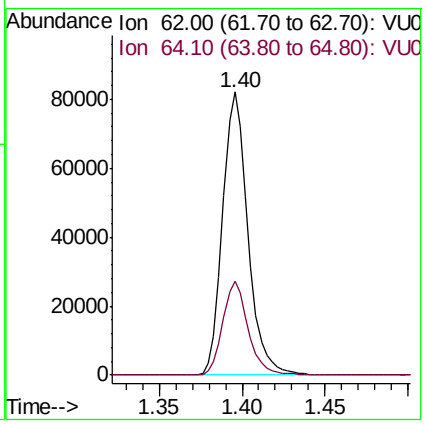


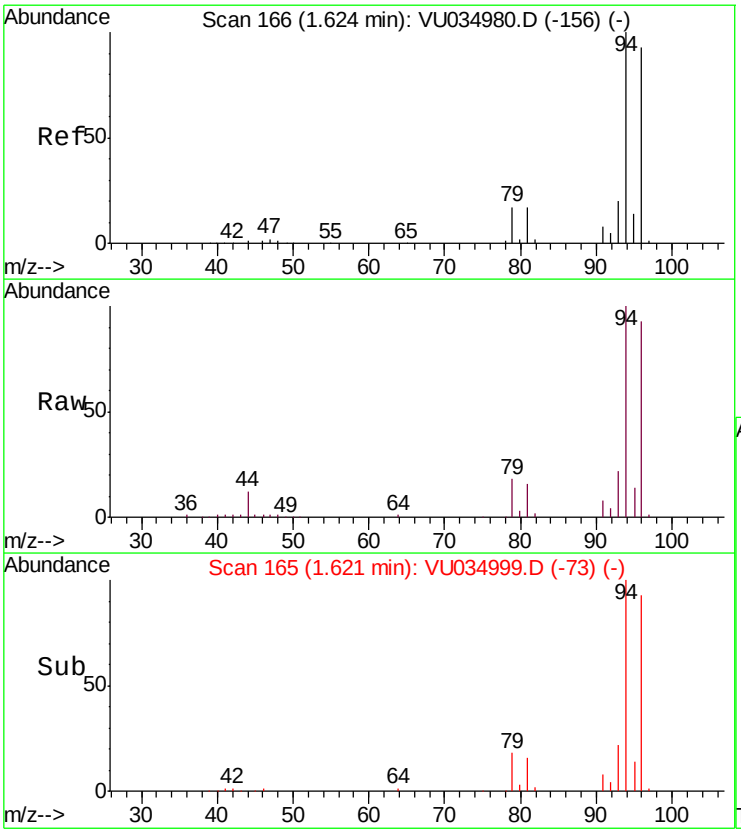
#5
Vinyl chloride
Concen: 5.333 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 62 Resp: 87201

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.8	42.4

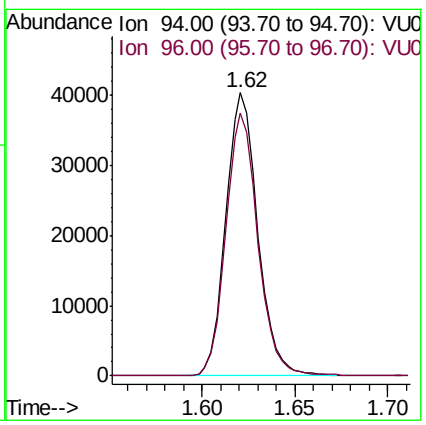


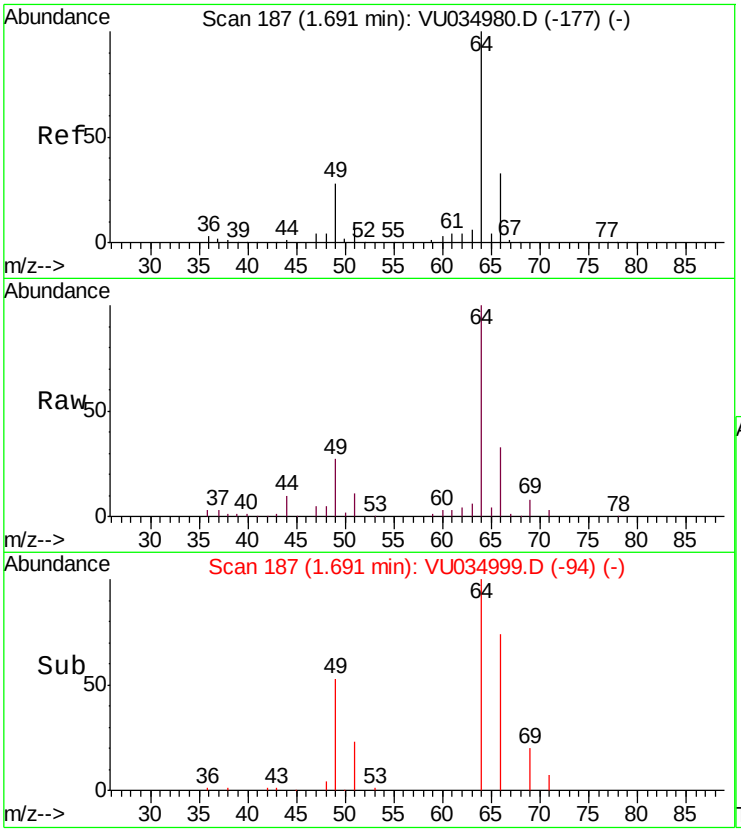


#6
Bromomethane
Concen: 5.317 ug/L
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 94 Resp: 48331

Ion	Ratio	Lower	Upper
94	100		
96	93.1	62.4	116.0



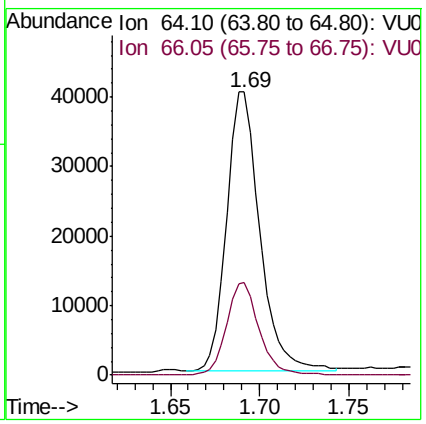


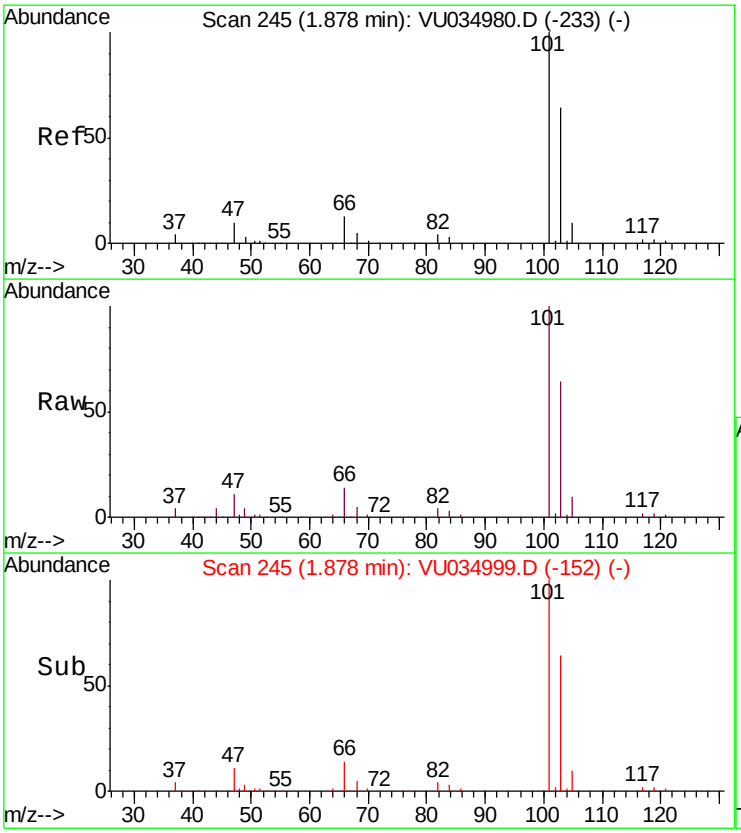
#8
Chloroethane
Concen: 5.269 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 64 Resp: 51668

Ion	Ratio	Lower	Upper
64	100		
66	32.6	23.2	43.2

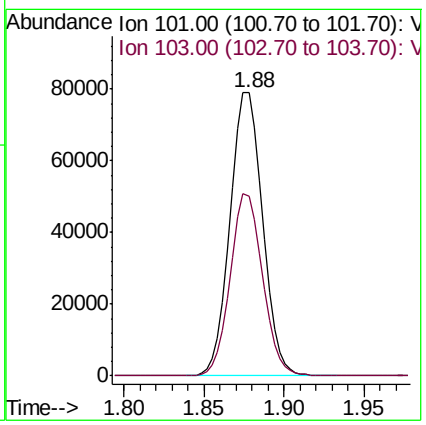


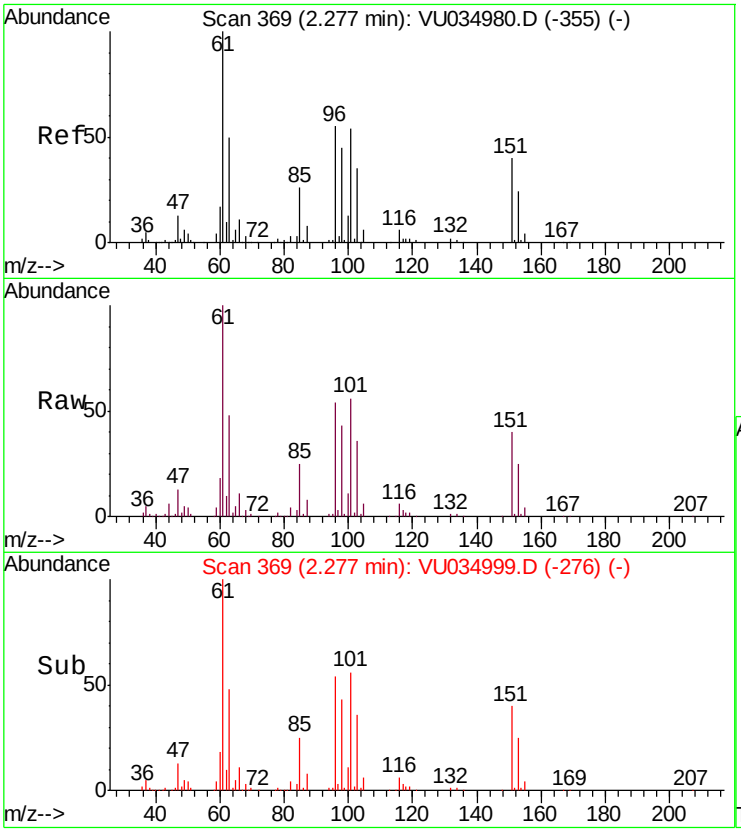


#9
Trichlorofluoromethane
Concen: 5.523 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:101 Resp: 109217

Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.4



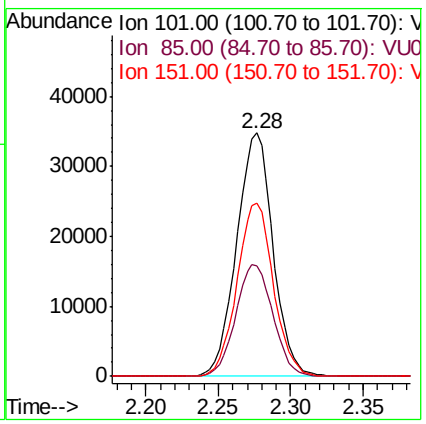


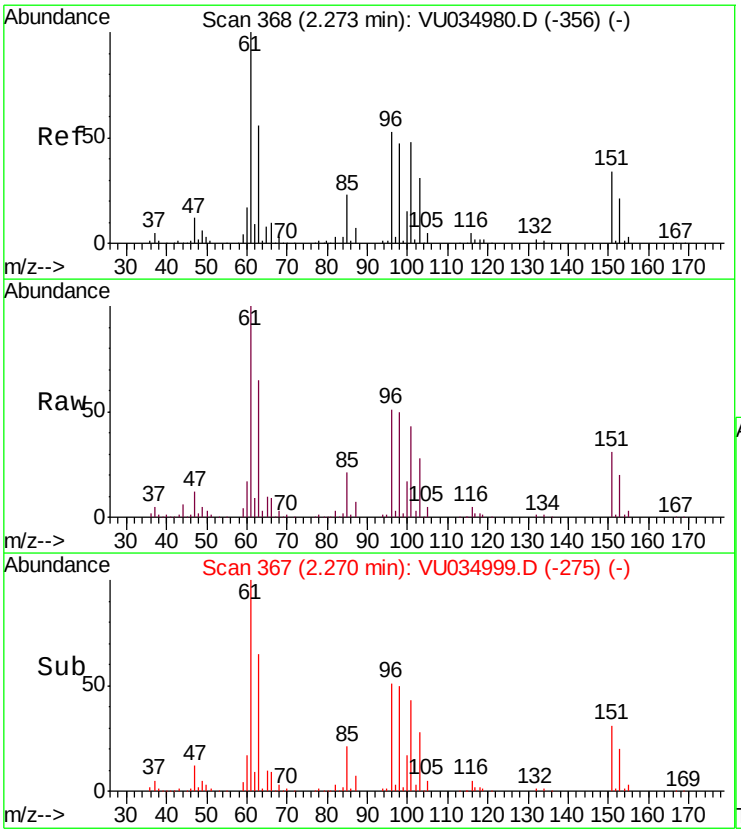
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.342 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion:101 Resp: 60660

Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.4	56.0
151	70.9	58.6	87.8

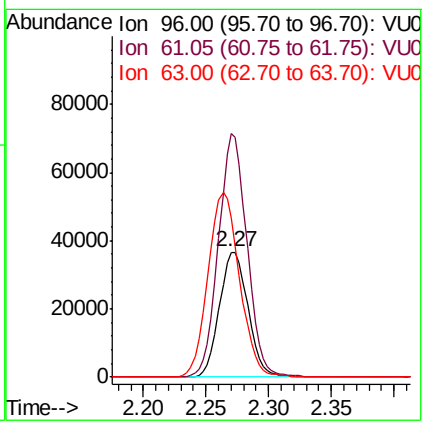


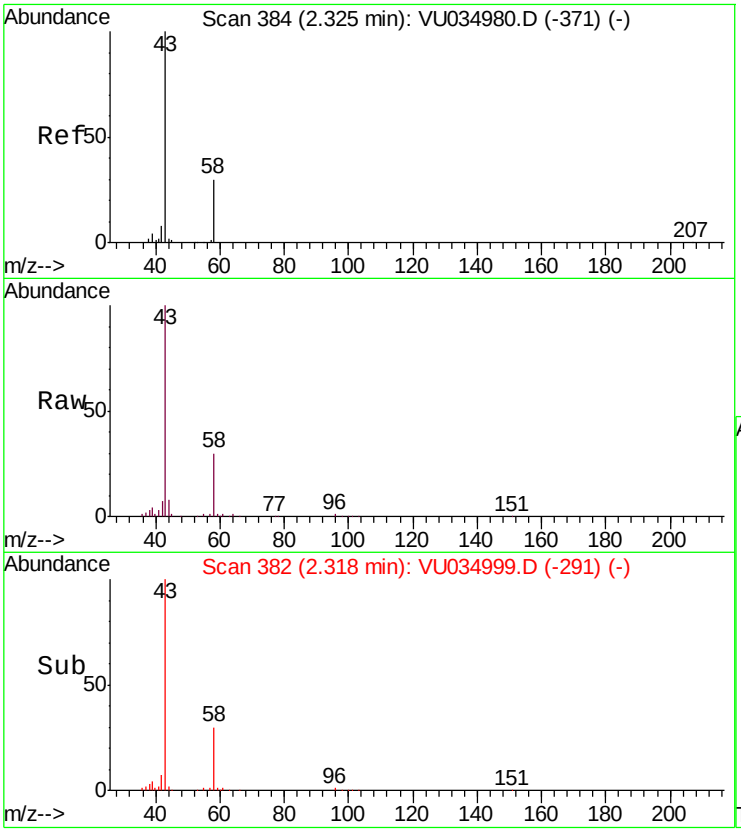


#12
1,1-Dichloroethene
Concen: 5.435 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 96 Resp: 57967

Ion	Ratio	Lower	Upper
96	100		
61	194.8	129.3	240.1
63	126.8	108.9	202.3



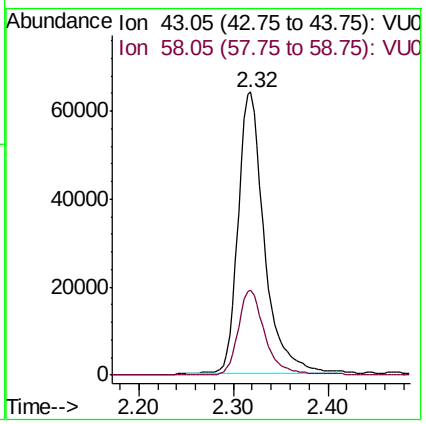


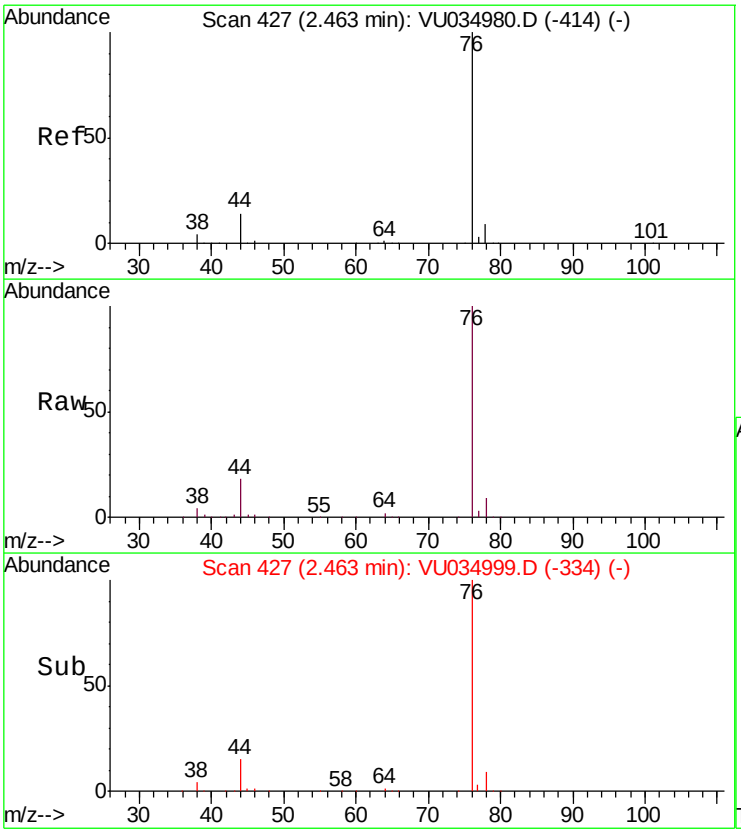
#13
Acetone
Concen: 52.412 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 43 Resp: 124076

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	66.6

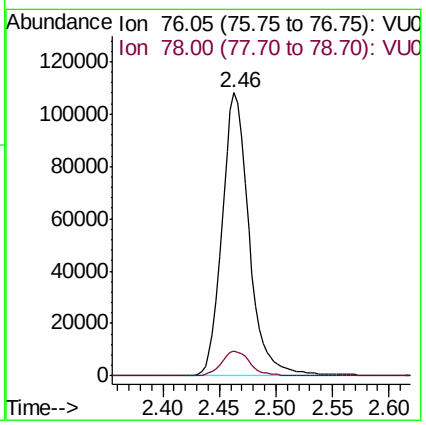


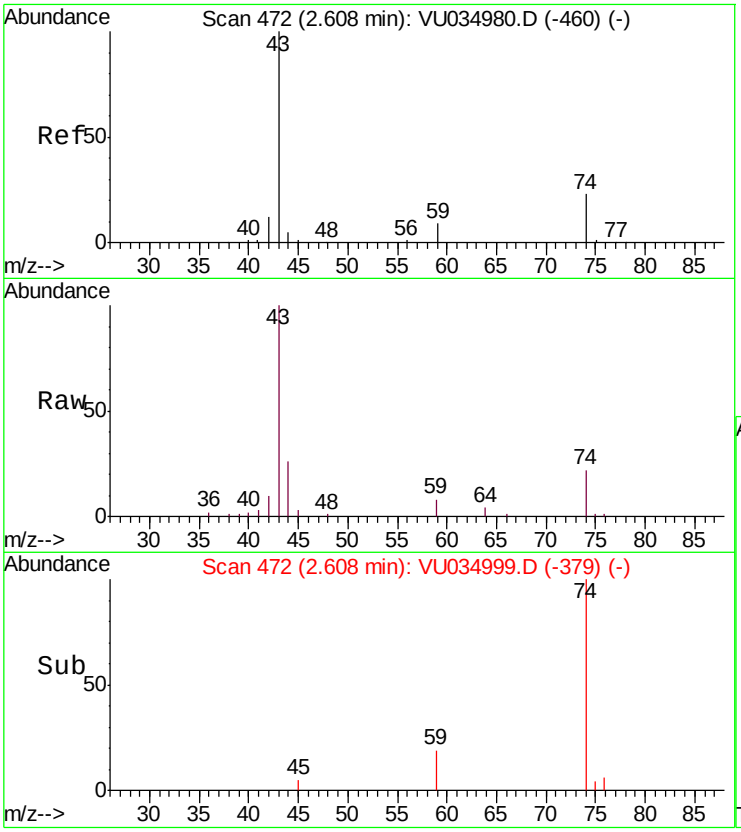


#14
Carbon disulfide
Concen: 5.081 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 76 Resp: 180339

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7



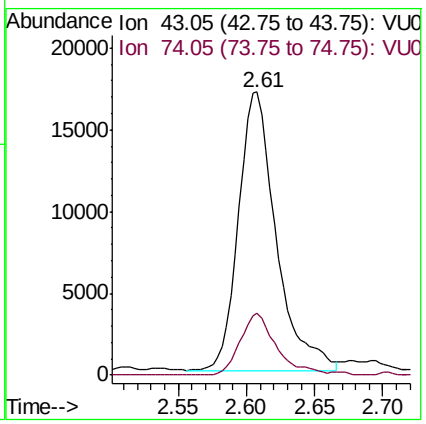


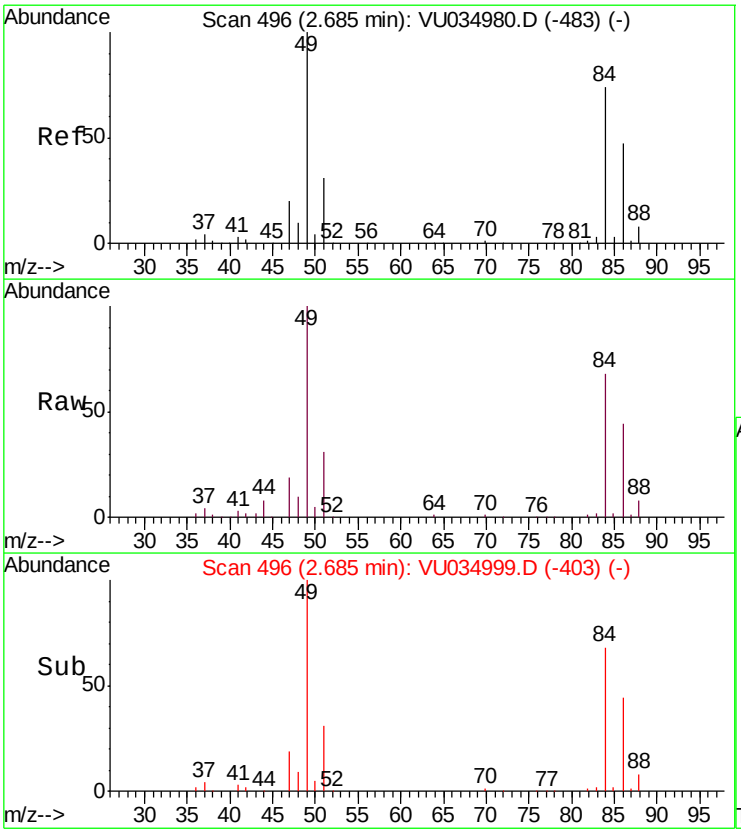
#15
Methyl Acetate
Concen: 5.188 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 43 Resp: 32692

Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.8	26.8

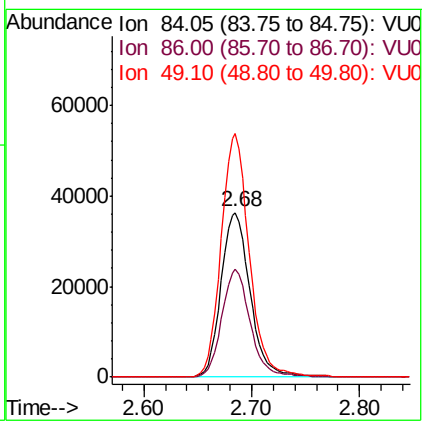


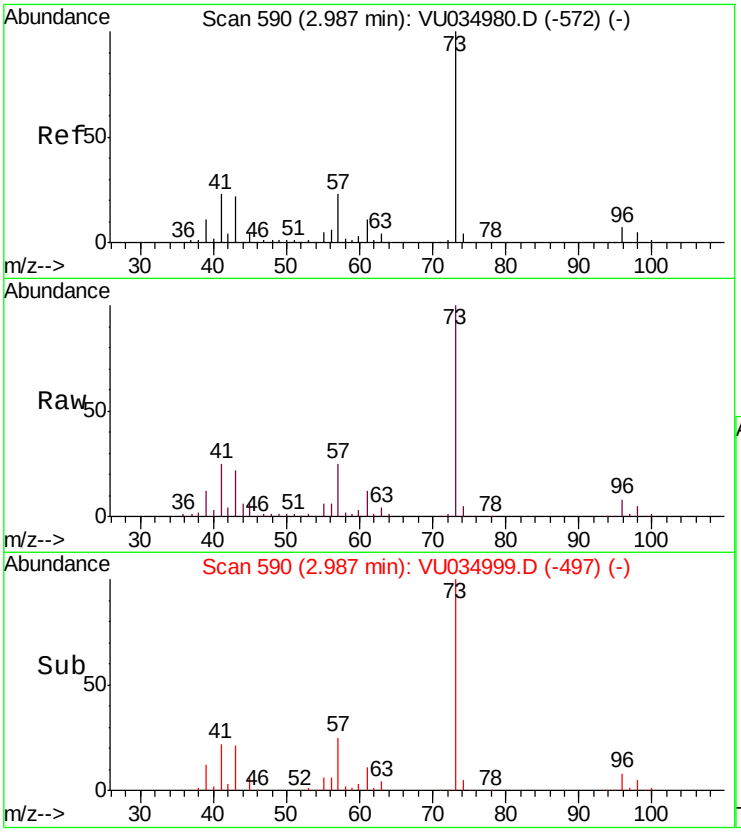


#16
Methylene chloride
Concen: 5.179 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 84 Resp: 68377

Ion	Ratio	Lower	Upper
84	100		
86	65.6	42.5	78.9
49	148.1	86.9	161.3



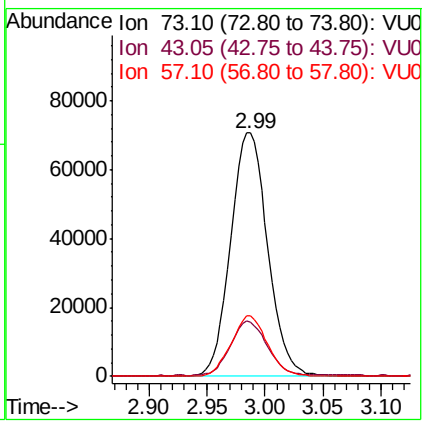


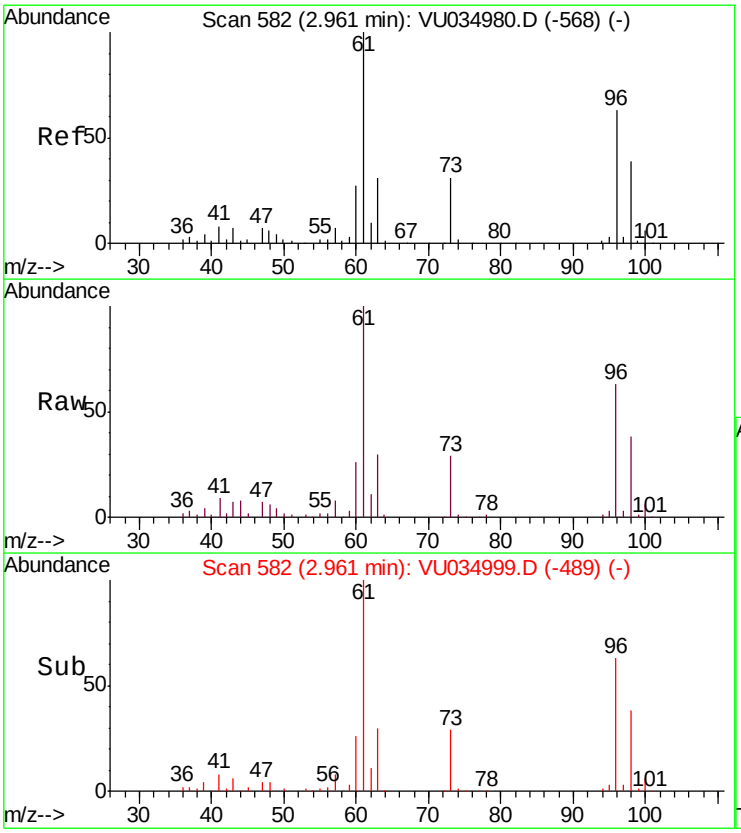
#17
Methyl tert-butyl Ether
Concen: 5.387 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 73 Resp: 156740

Ion	Ratio	Lower	Upper
73	100		
43	22.1	16.3	24.5
57	24.5	18.6	28.0

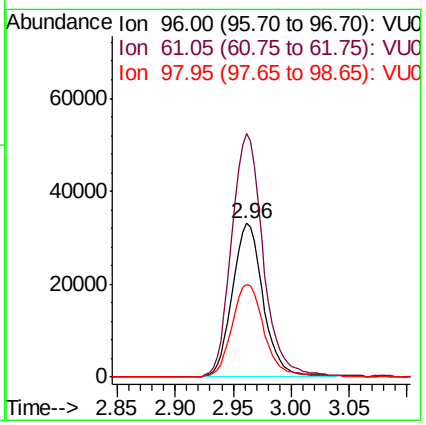


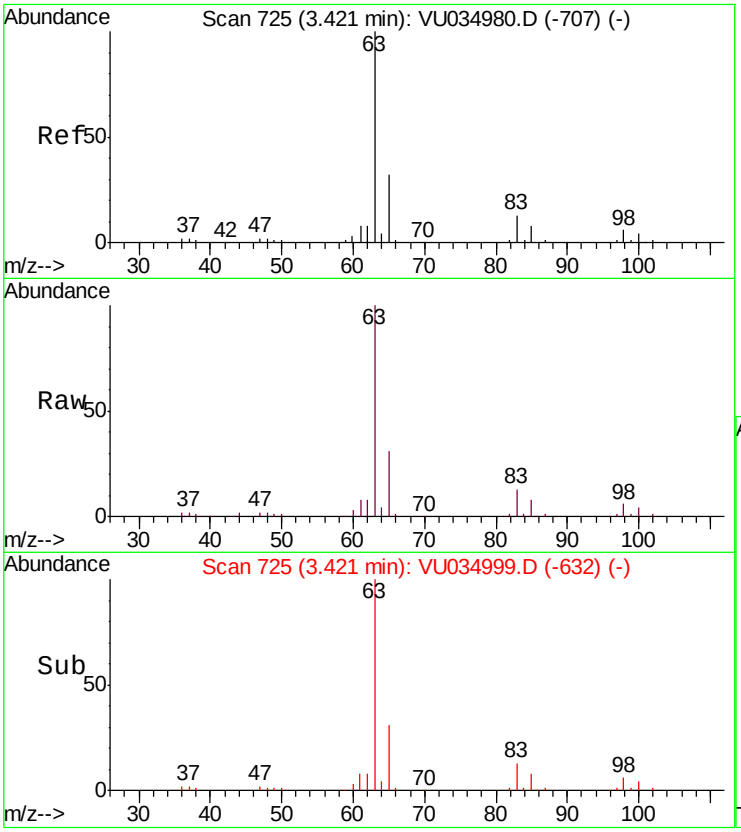


#18
trans-1,2-Dichloroethene
Concen: 5.379 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 96 Resp: 61431

Ion	Ratio	Lower	Upper
96	100		
61	158.4	107.1	198.9
98	60.3	45.4	84.4



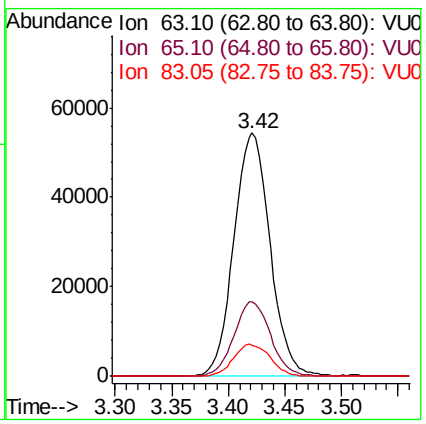


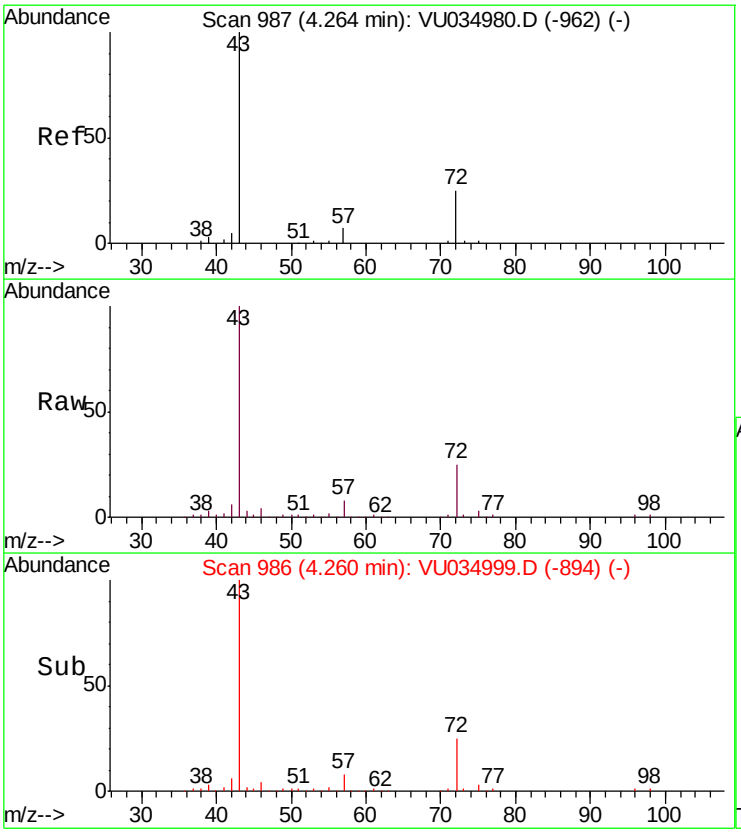
#19
1,1-Dichloroethane
Concen: 5.350 ug/L
RT: 3.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 63 Resp: 121428

Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.7	40.3
83	12.9	9.0	16.8

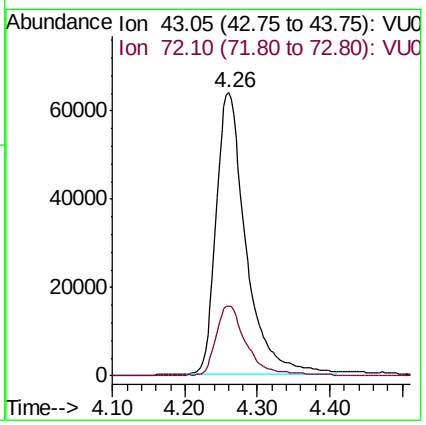


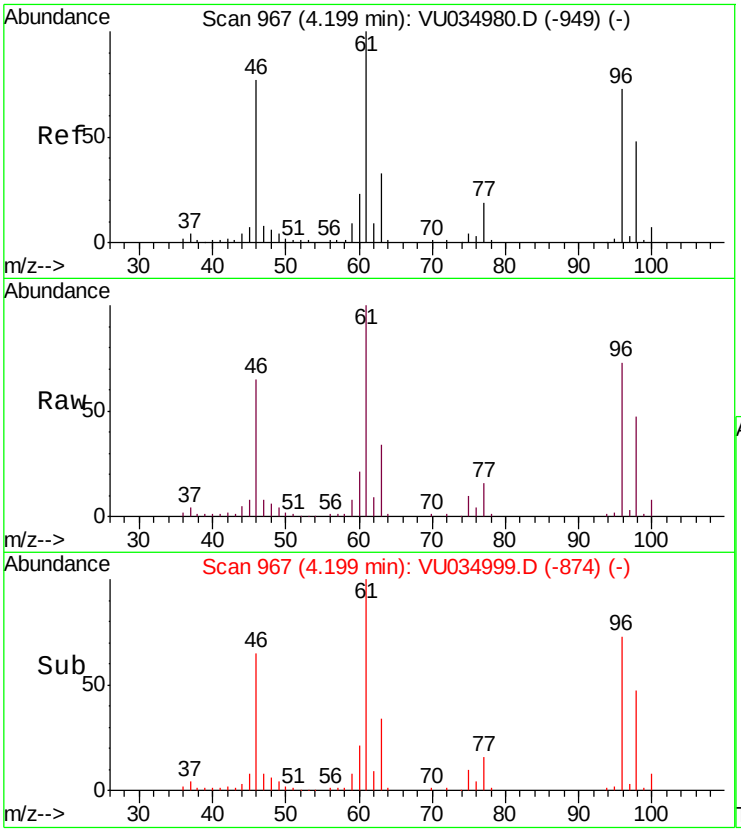


#21
2-Butanone
Concen: 53.907 ug/L
RT: 4.26 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 43 Resp: 181734

Ion	Ratio	Lower	Upper
43	100		
72	24.9	13.5	40.4



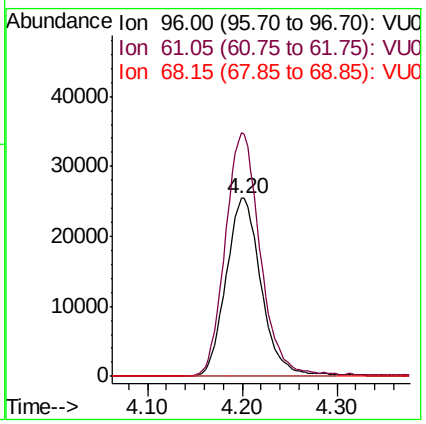


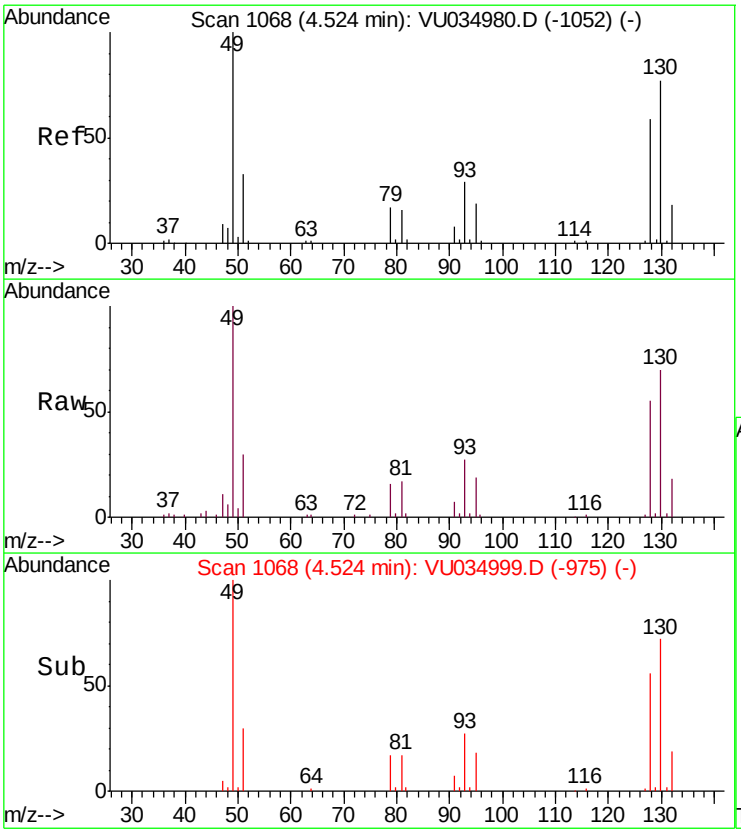
#22
cis-1,2-Dichloroethene
Concen: 5.164 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 96 Resp: 65788

Ion	Ratio	Lower	Upper
96	100		
61	136.7	89.2	165.6
68	0.0	0.0	0.0

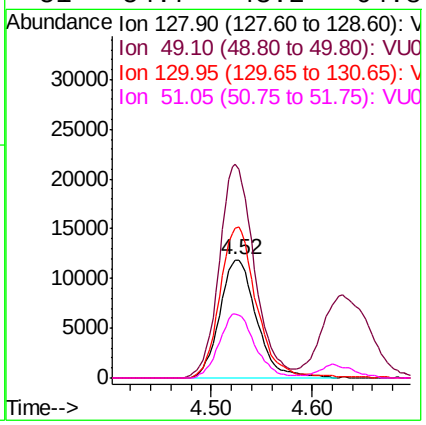


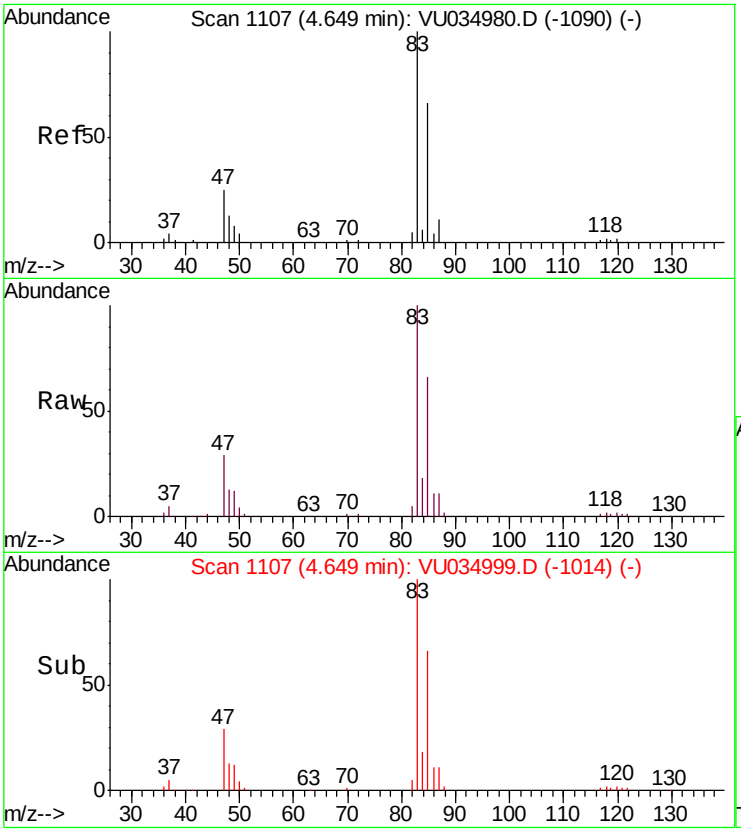


#23
Bromochloromethane
Concen: 5.641 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:128 Resp: 30117

Ion	Ratio	Lower	Upper
128	100		
49	181.2	110.5	205.3
130	127.2	88.6	164.6
51	54.7	43.2	64.8



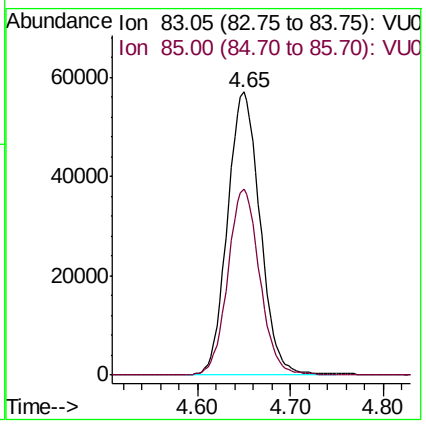


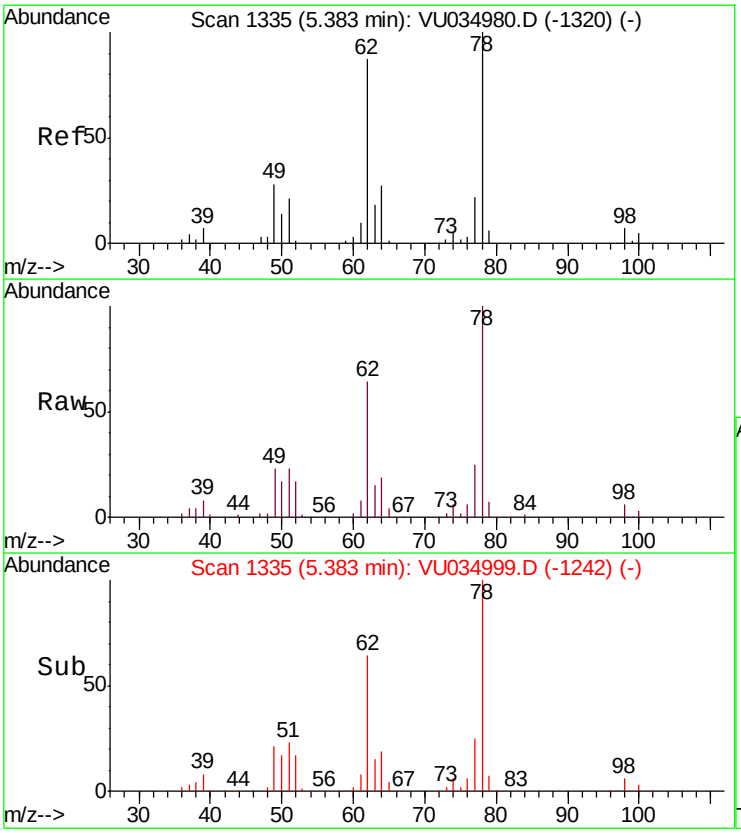
#25
Chloroform
Concen: 5.449 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 83 Resp: 138971

Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.4	84.4

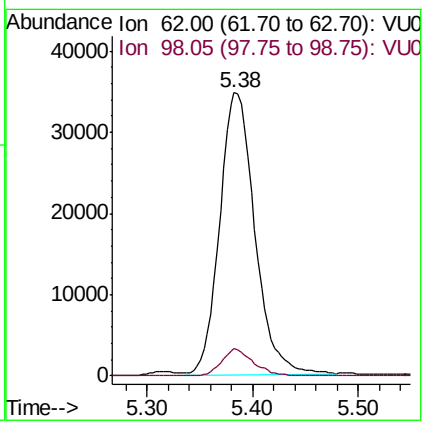


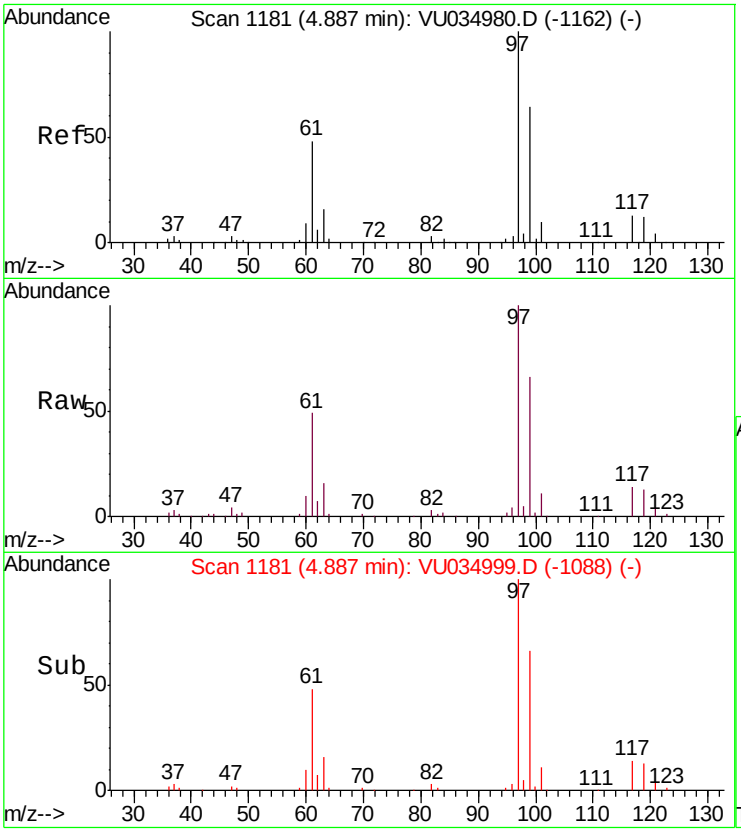


#27
1,2-Dichloroethane
Concen: 5.381 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 62 Resp: 80151

Ion	Ratio	Lower	Upper
62	100		
98	9.5	6.6	10.0



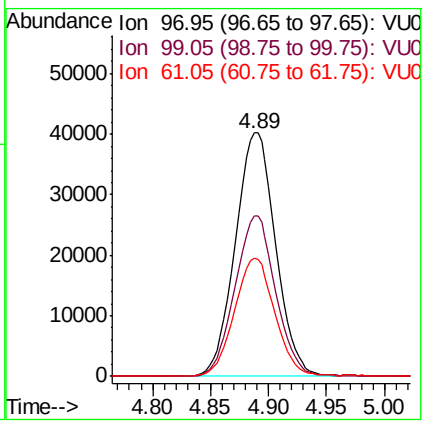


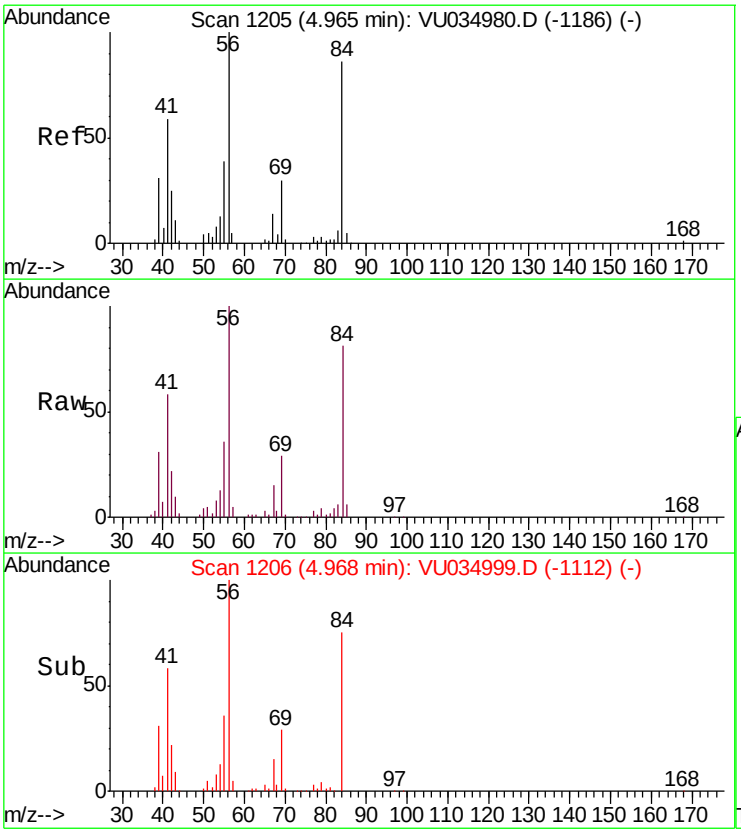
#29
1,1,1-Trichloroethane
Concen: 5.129 ug/L
RT: 4.89 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 97 Resp: 97205

Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.6	77.4
61	48.6	36.2	54.4

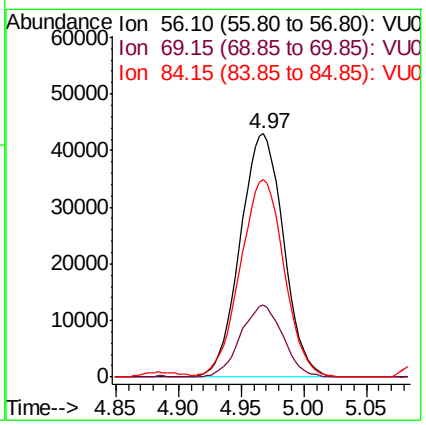


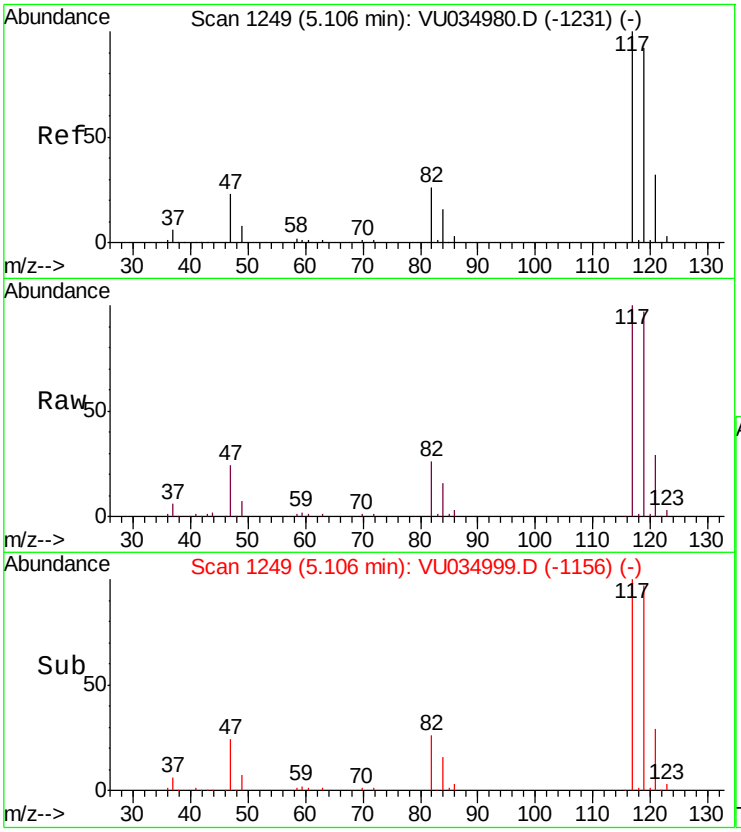


#30
Cyclohexane
Concen: 4.964 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 56 Resp: 103431

Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.9	35.9
84	82.3	69.5	104.3



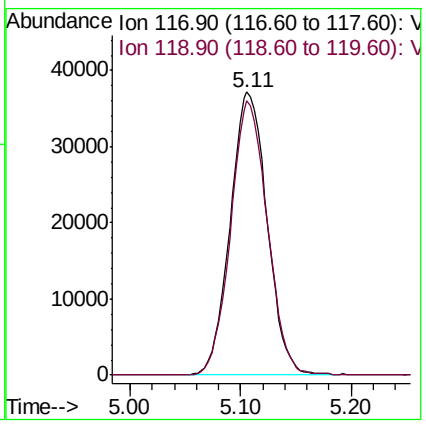


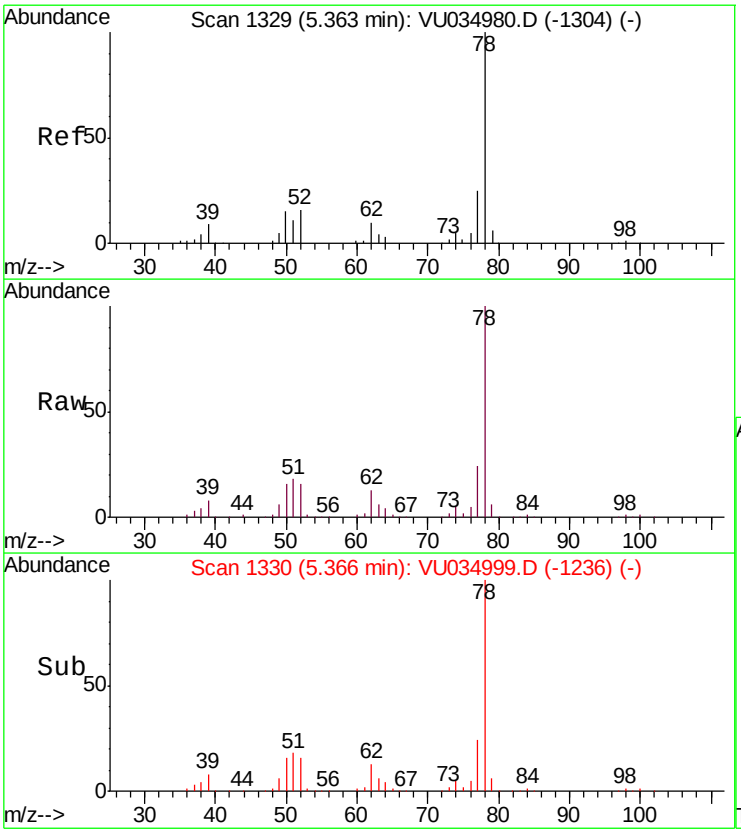
#31
Carbon tetrachloride
Concen: 5.237 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:117 Resp: 86058

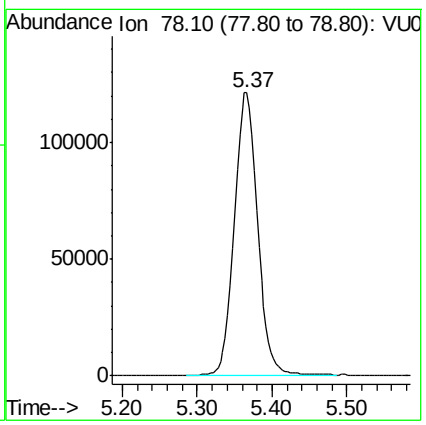
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.5	116.3

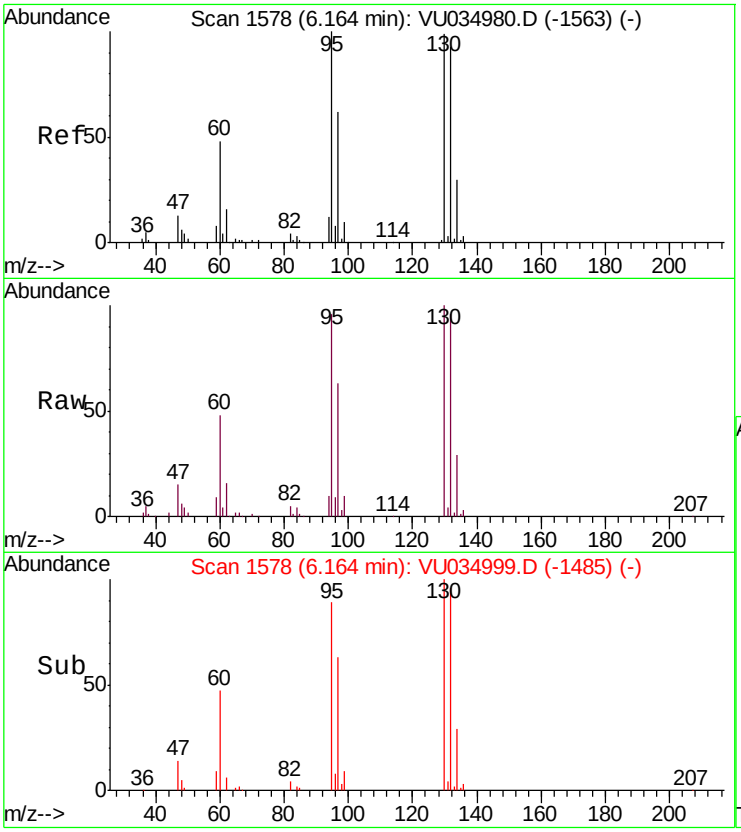




#33
Benzene
Concen: 5.216 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 78 Resp: 265107



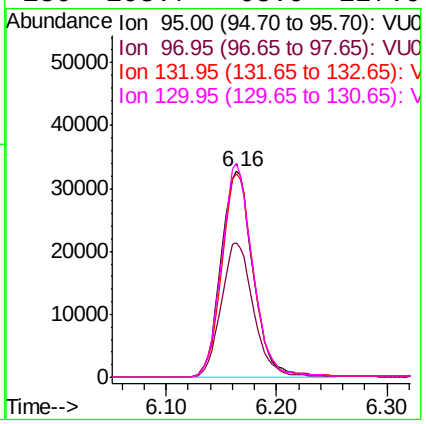


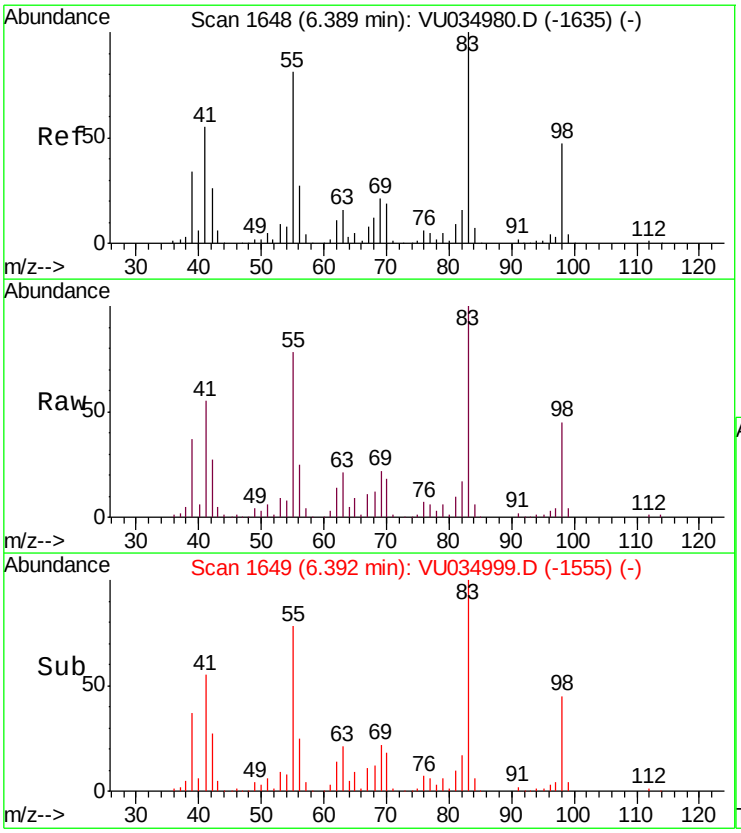
#34
Trichloroethene
Concen: 5.054 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 95 Resp: 66249

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.5	82.7
132	99.1	66.6	123.8
130	103.7	68.9	127.9

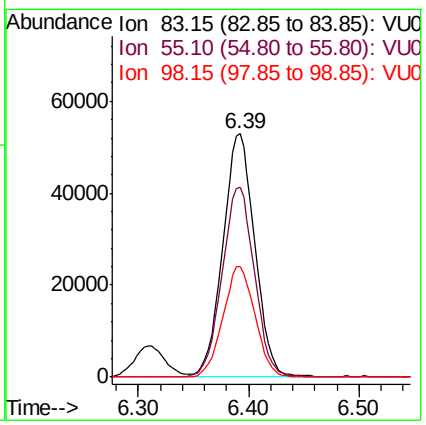


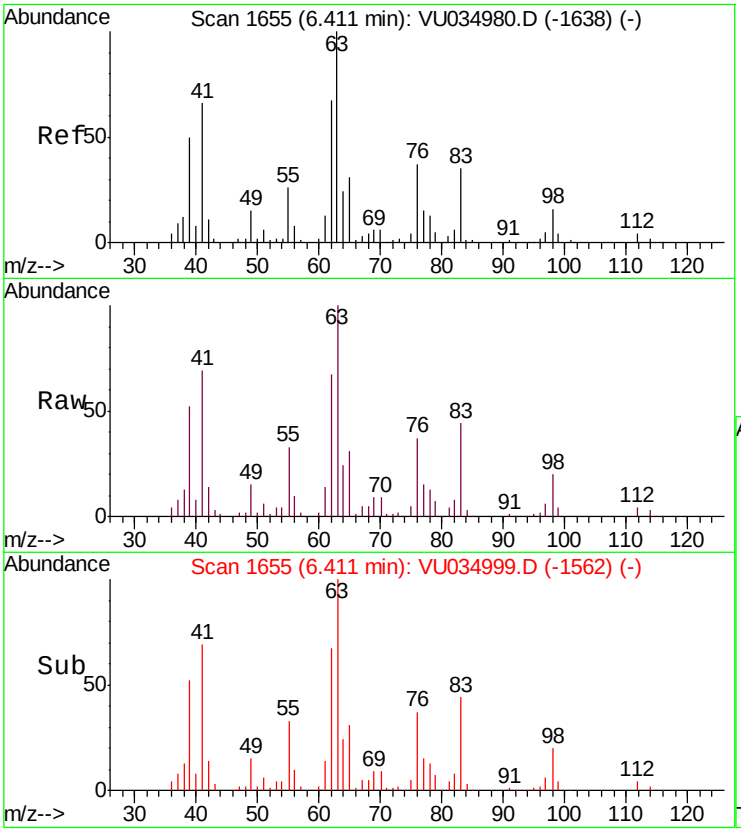


#35
Methylcyclohexane
Concen: 4.975 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 83 Resp: 105624

Ion	Ratio	Lower	Upper
83	100		
55	79.2	62.6	94.0
98	45.7	36.2	54.2



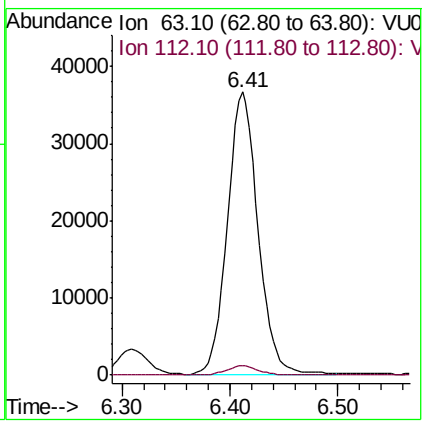


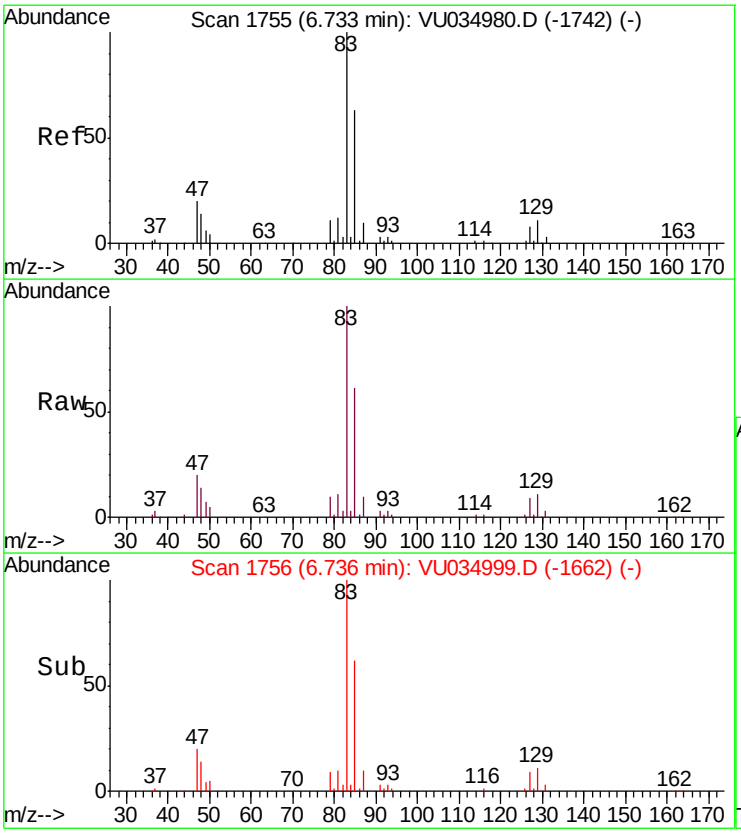
#37
1,2-Dichloropropane
Concen: 5.275 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 63 Resp: 72326

Ion	Ratio	Lower	Upper
63	100		
112	3.5	3.1	4.7

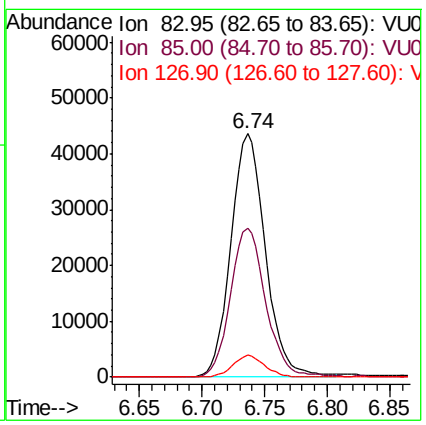


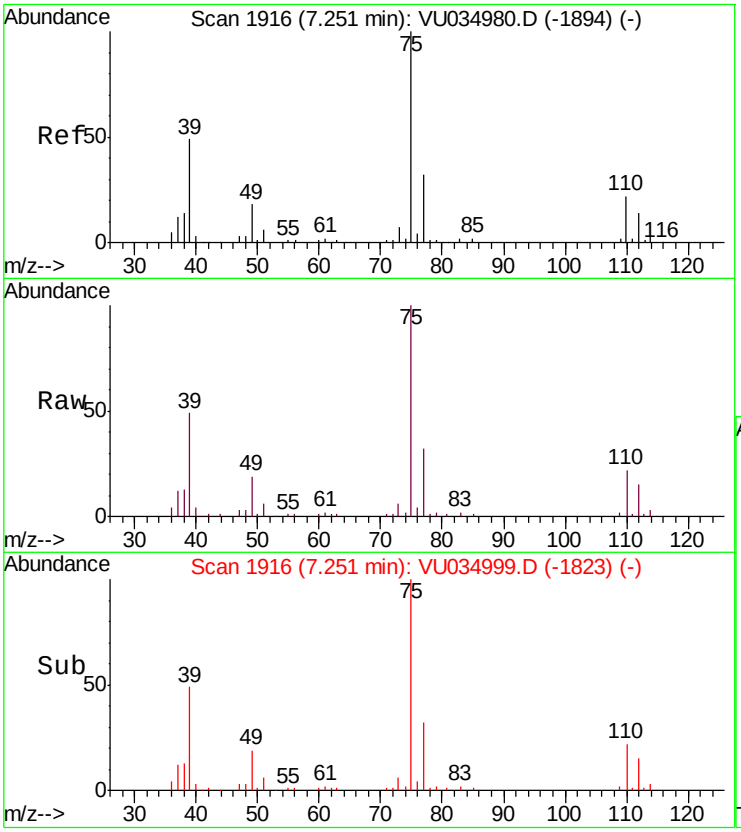


#38
Bromodichloromethane
Concen: 5.183 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 83 Resp: 83310

Ion	Ratio	Lower	Upper
83	100		
85	61.0	44.0	81.8
127	9.0	7.0	10.4



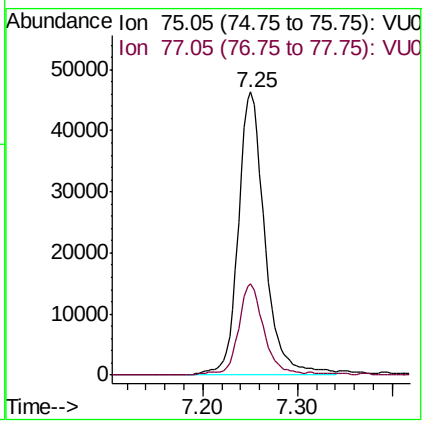


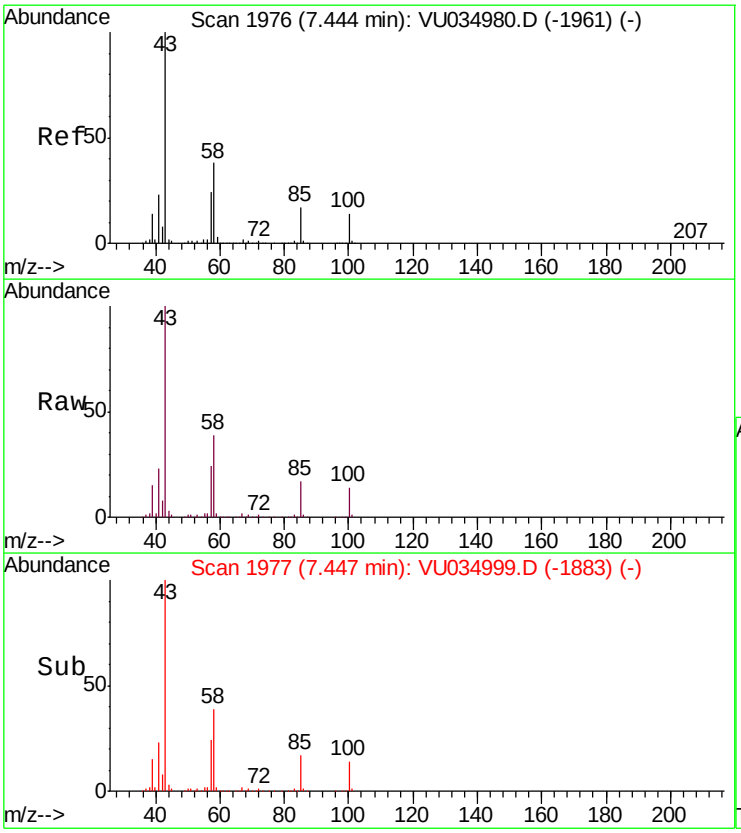
#39
cis-1,3-Dichloropropene
Concen: 4.892 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 75 Resp: 90869

Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.1	41.1

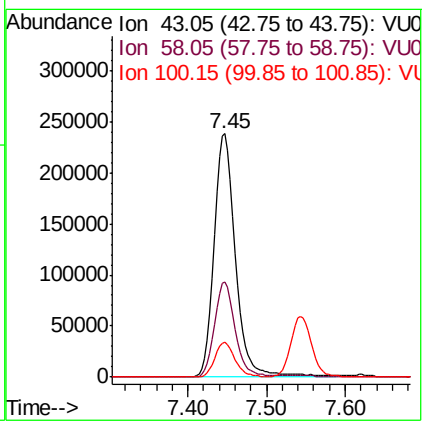


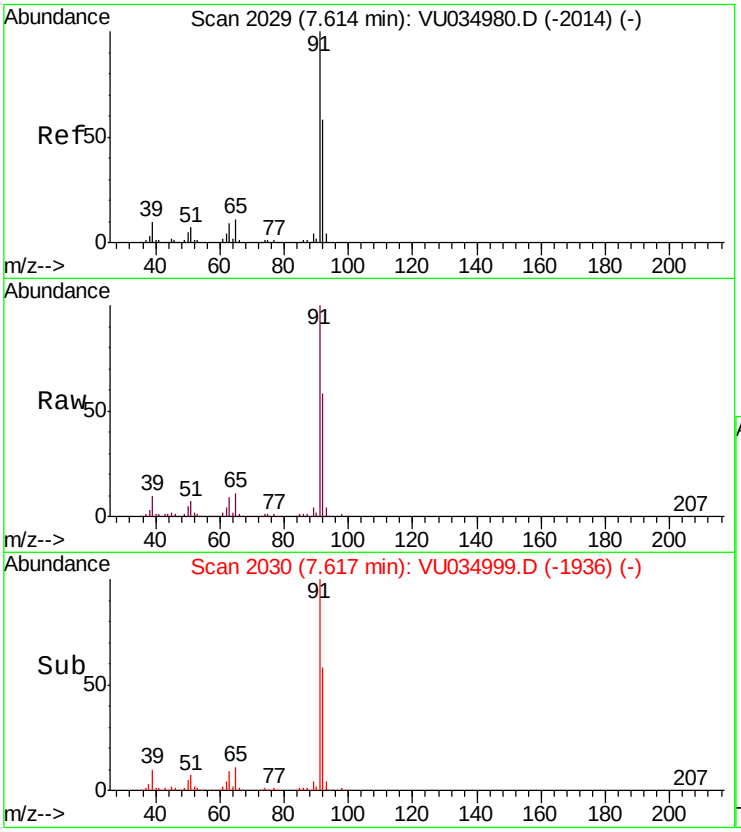


#40
4-Methyl-2-pentanone
Concen: 51.886 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 43 Resp: 447725

Ion	Ratio	Lower	Upper
43	100		
58	37.5	32.4	48.6
100	13.5	11.9	17.9



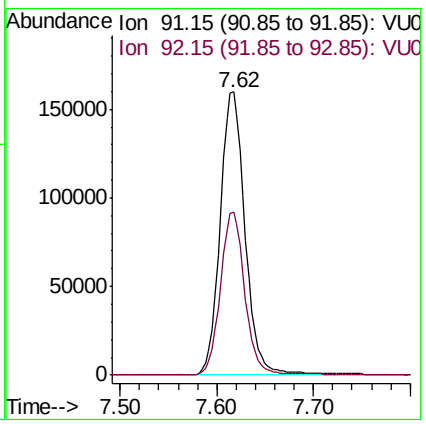


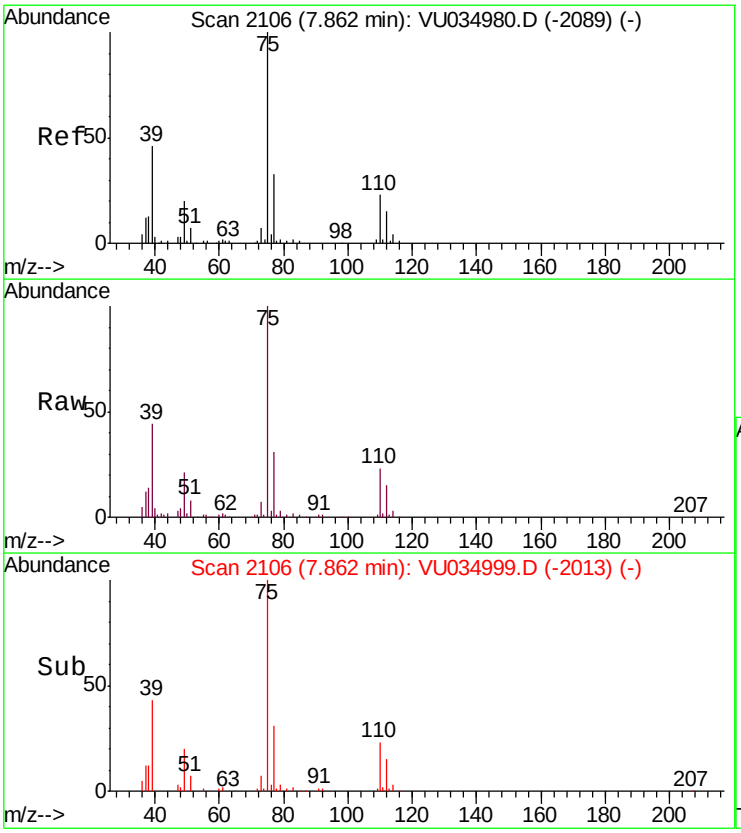
#42
Toluene
Concen: 5.391 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 91 Resp: 285998

Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.0	74.2

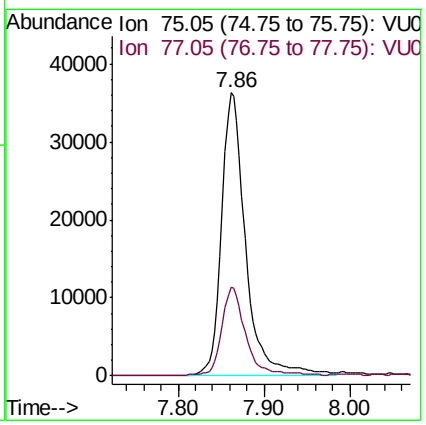


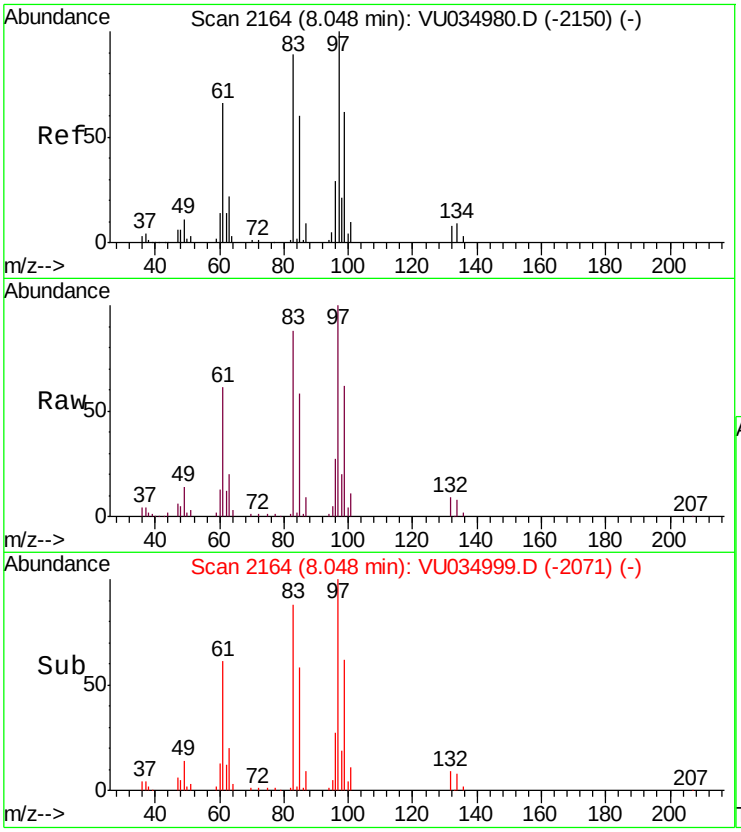


#44
trans-1,3-Dichloropropene
Concen: 4.944 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 75 Resp: 71125

Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.6	40.0



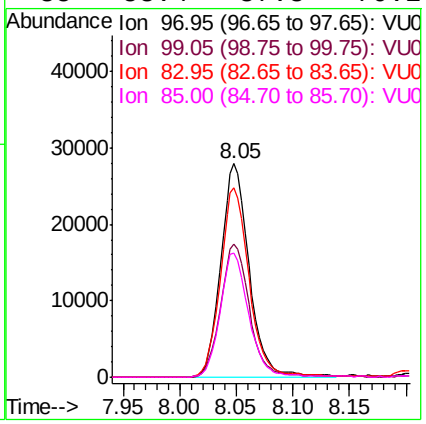


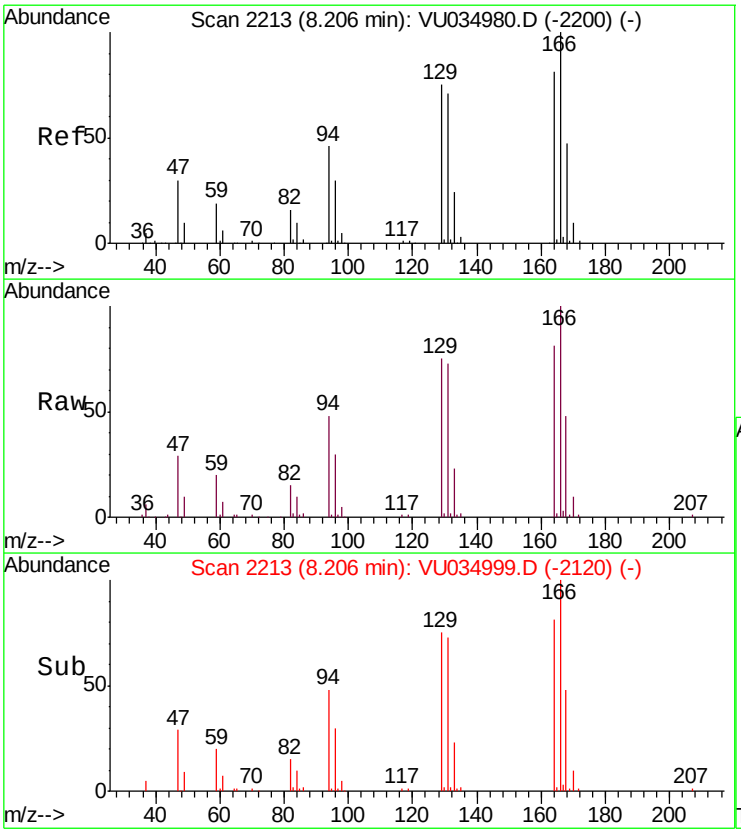
#45
1,1,2-Trichloroethane
Concen: 5.366 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 97 Resp: 48851

Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.3	78.5
83	88.4	58.0	107.6
85	58.4	37.8	70.2

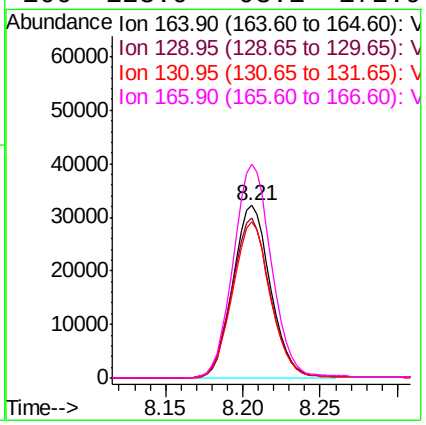


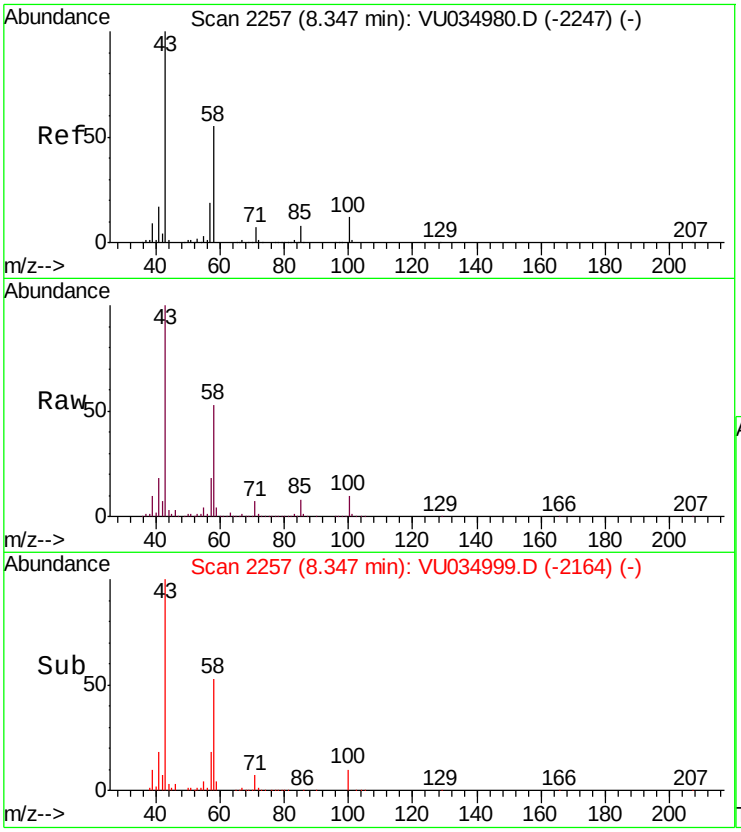


#47
Tetrachloroethene
Concen: 5.141 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:164 Resp: 54551

Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.5	127.1
131	90.6	67.3	124.9
166	123.9	93.1	172.9



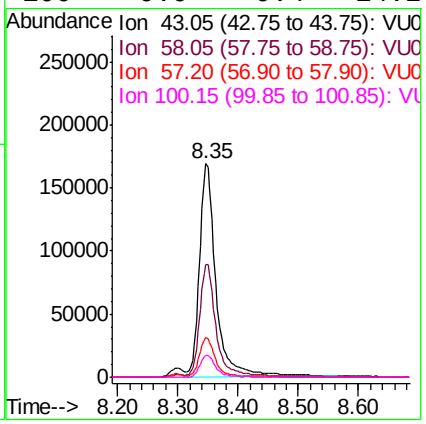


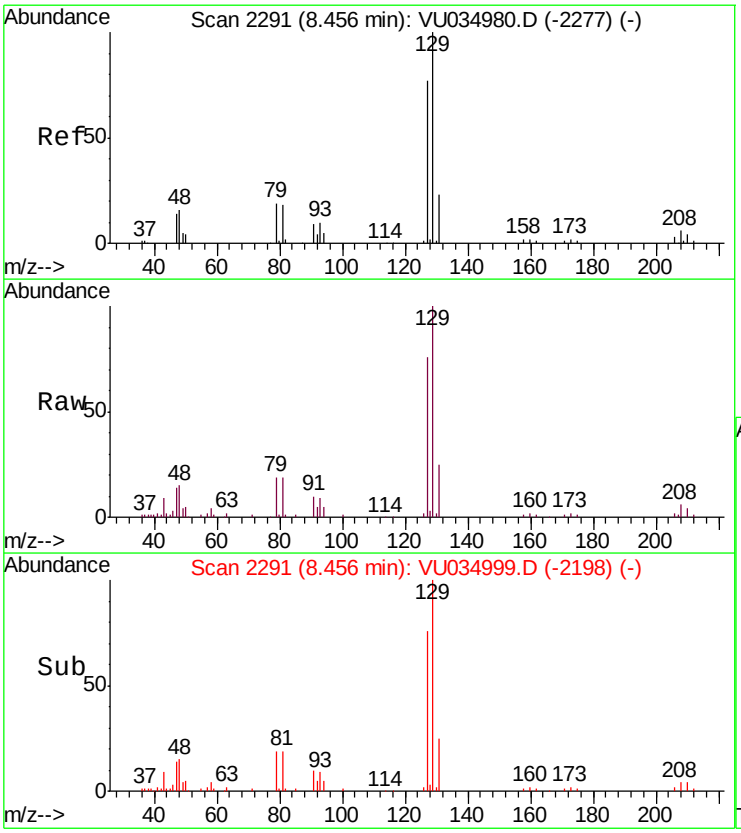
#48
2-Hexanone
Concen: 54.620 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 43 Resp: 323153

Ion	Ratio	Lower	Upper
43	100		
58	51.4	44.1	66.1
57	17.7	15.8	23.8
100	9.9	9.4	14.2

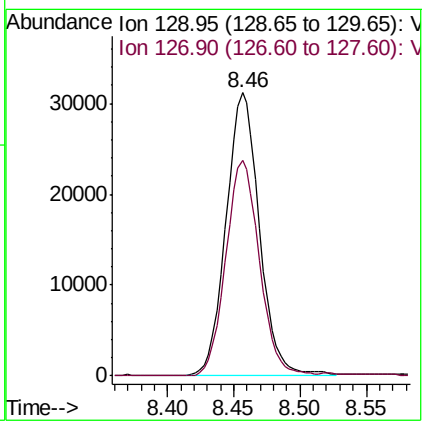


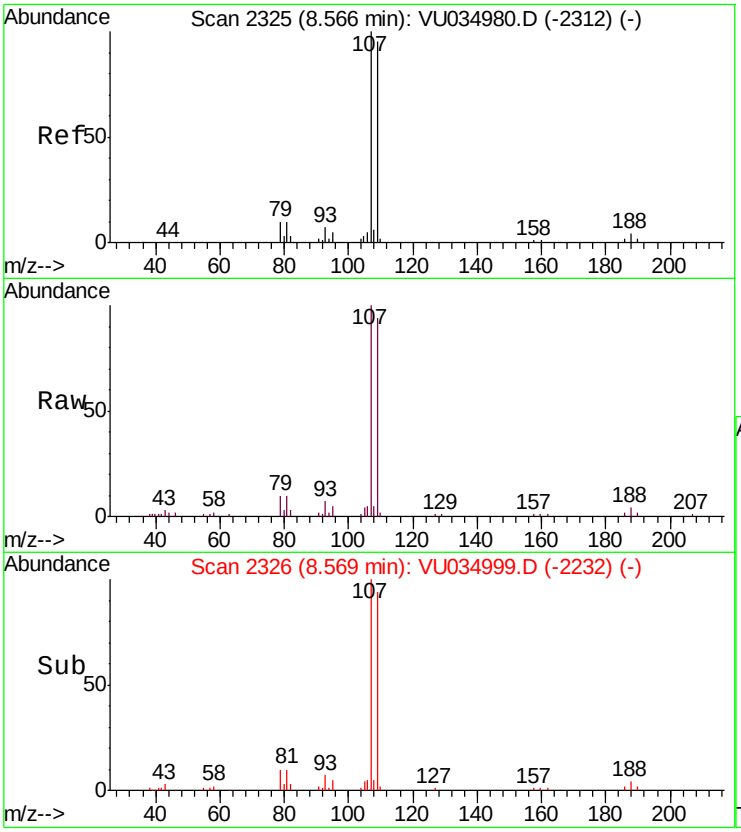


#49
Dibromochloromethane
Concen: 5.197 ug/L
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:129 Resp: 54683

Ion	Ratio	Lower	Upper
129	100		
127	76.1	51.9	96.5



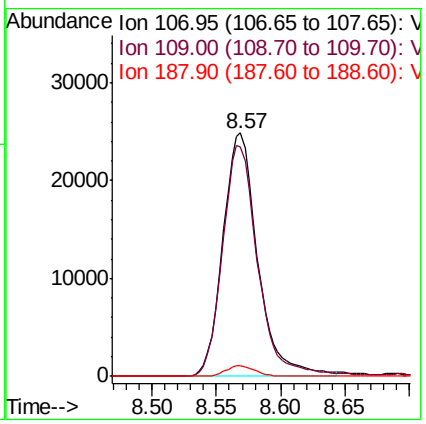


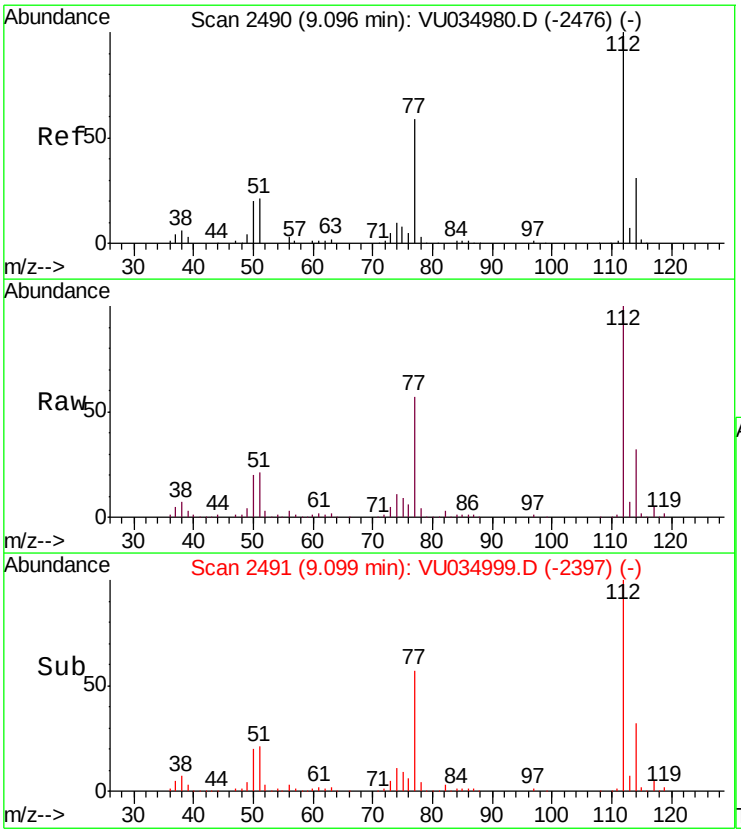
#50
1,2-Dibromoethane
Concen: 5.368 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:107 Resp: 46707

Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.8	120.4
188	4.1	3.0	4.6

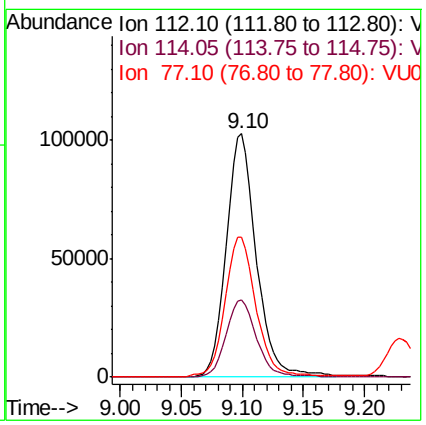


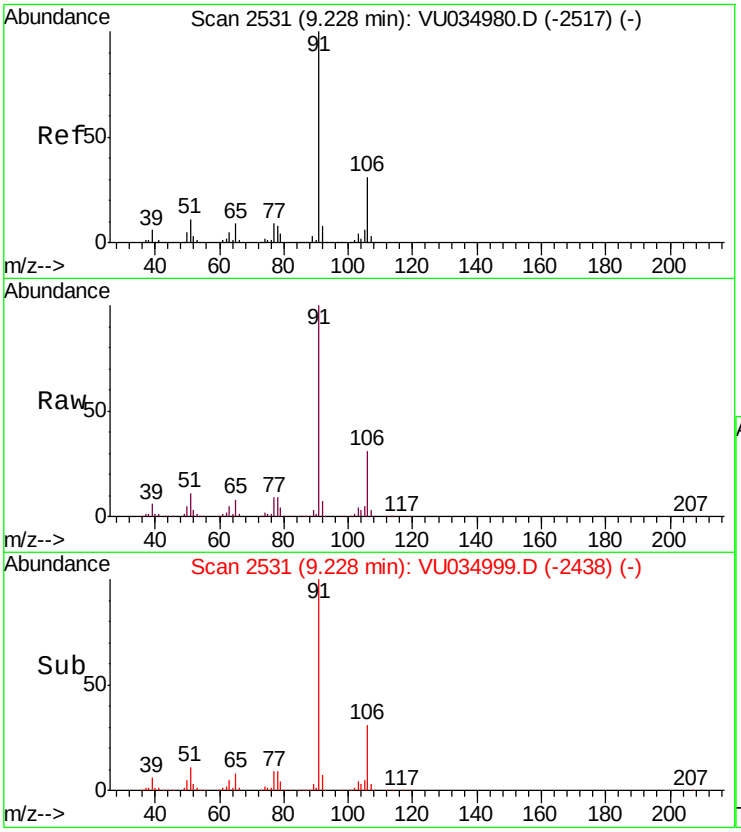


#51
Chlorobenzene
Concen: 5.161 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:112 Resp: 177438

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.1	41.1
77	57.2	46.9	70.3



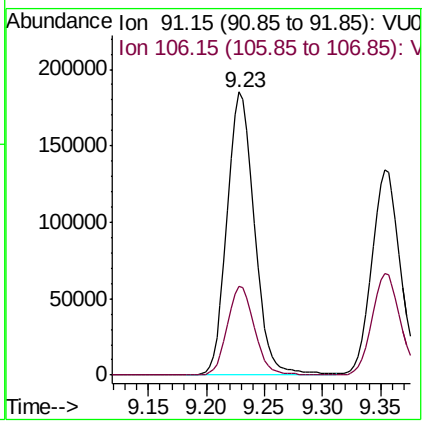


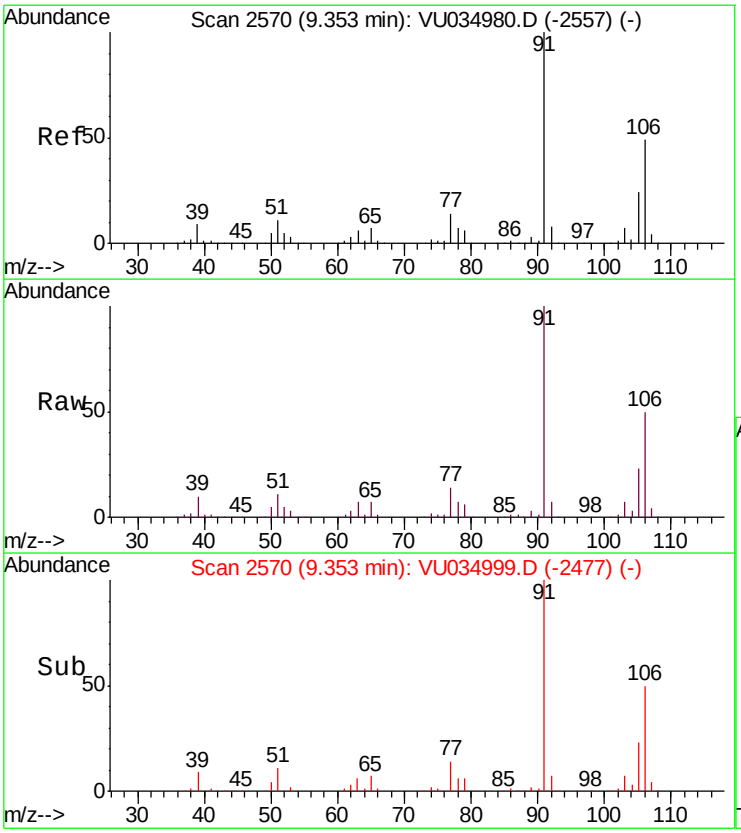
#52
Ethylbenzene
Concen: 5.161 ug/L
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion: 91 Resp: 302408

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.6	40.2

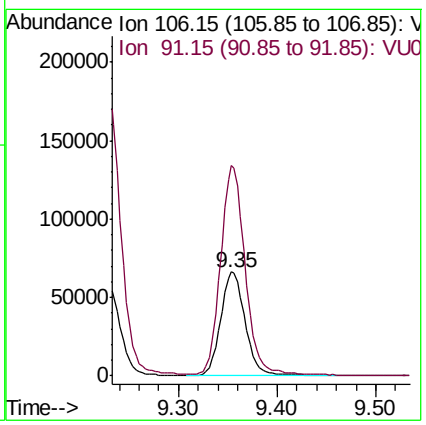


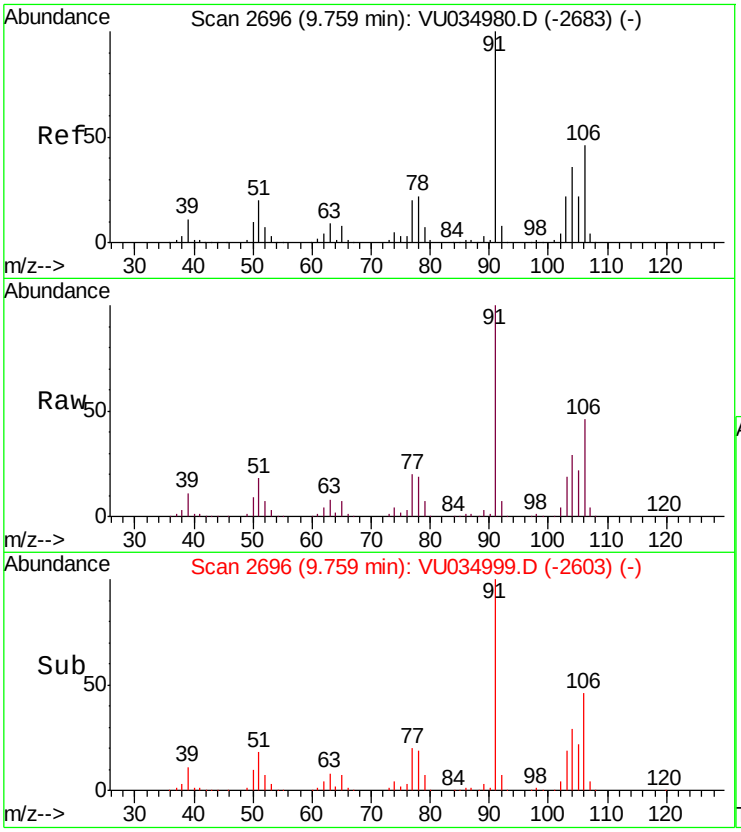


#53
m,p-Xylene
Concen: 5.311 ug/L
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:106 Resp: 114964

Ion	Ratio	Lower	Upper
106	100		
91	201.9	147.6	274.0



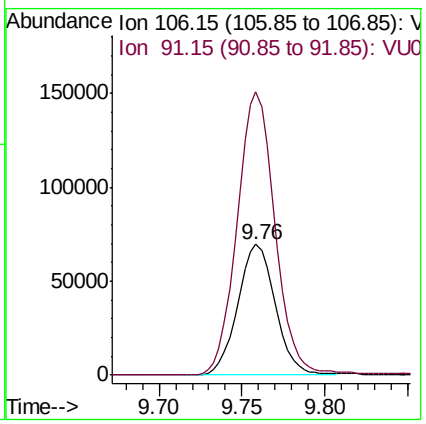


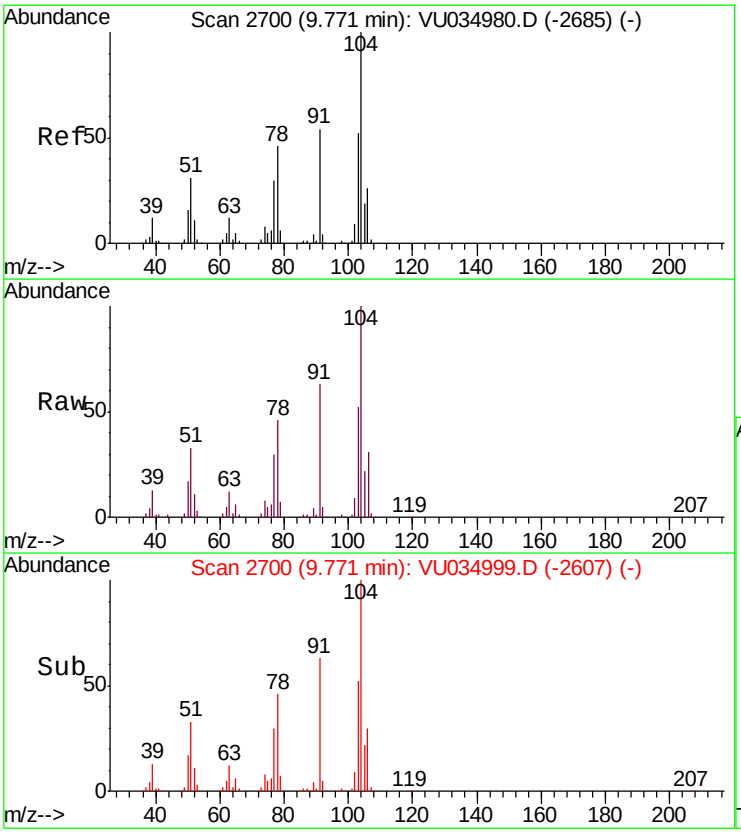
#54
o-Xylene
Concen: 5.184 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:106 Resp: 109737

Ion	Ratio	Lower	Upper
106	100		
91	217.0	148.5	275.7

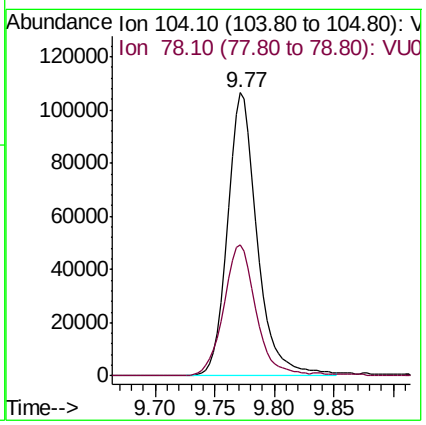


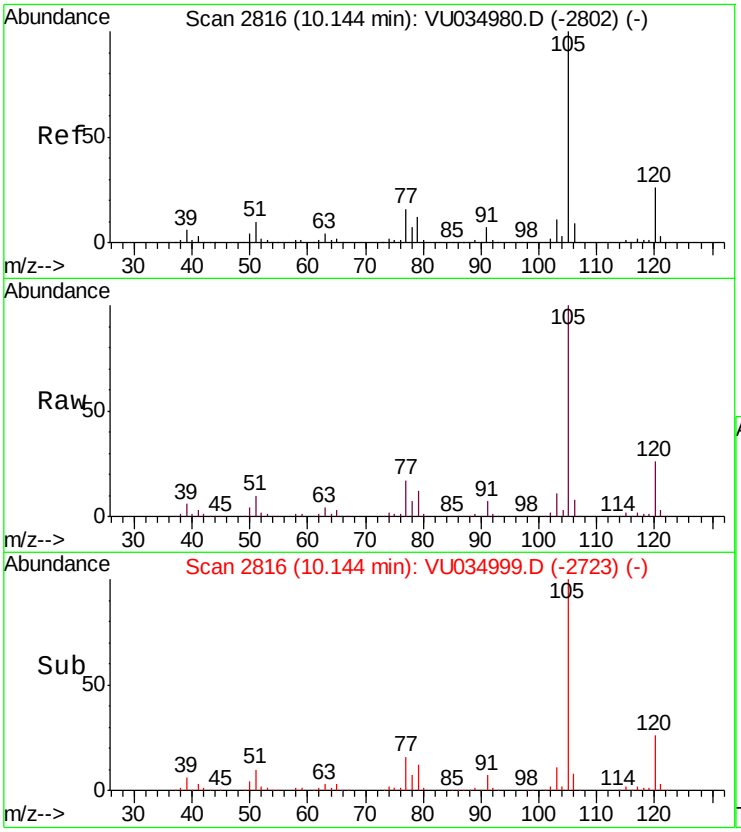


#55
Styrene
Concen: 5.362 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:104 Resp: 183795

Ion	Ratio	Lower	Upper
104	100		
78	46.5	32.8	60.8



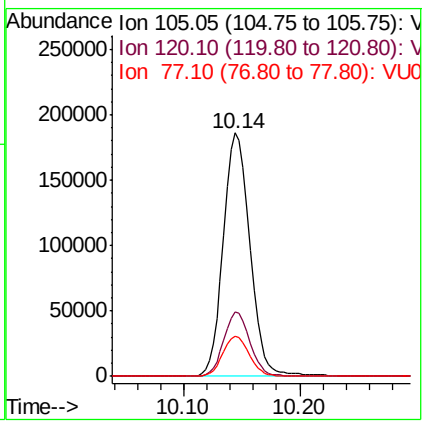


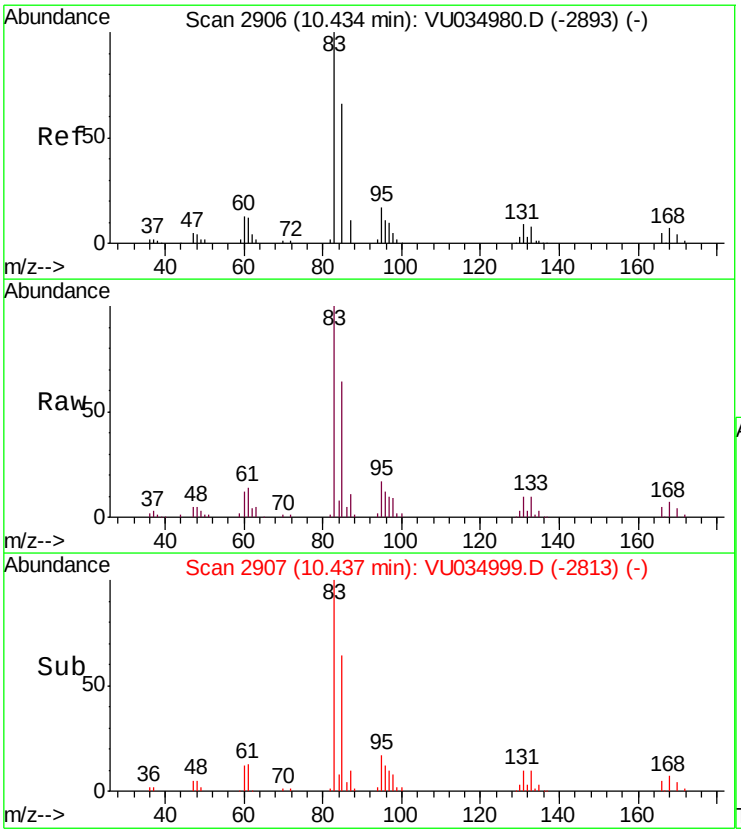
#56
Isopropylbenzene
Concen: 5.247 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:105 Resp: 295905

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.3	31.9
77	16.3	13.0	19.4

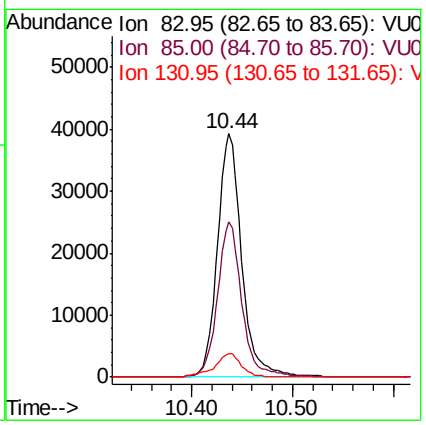


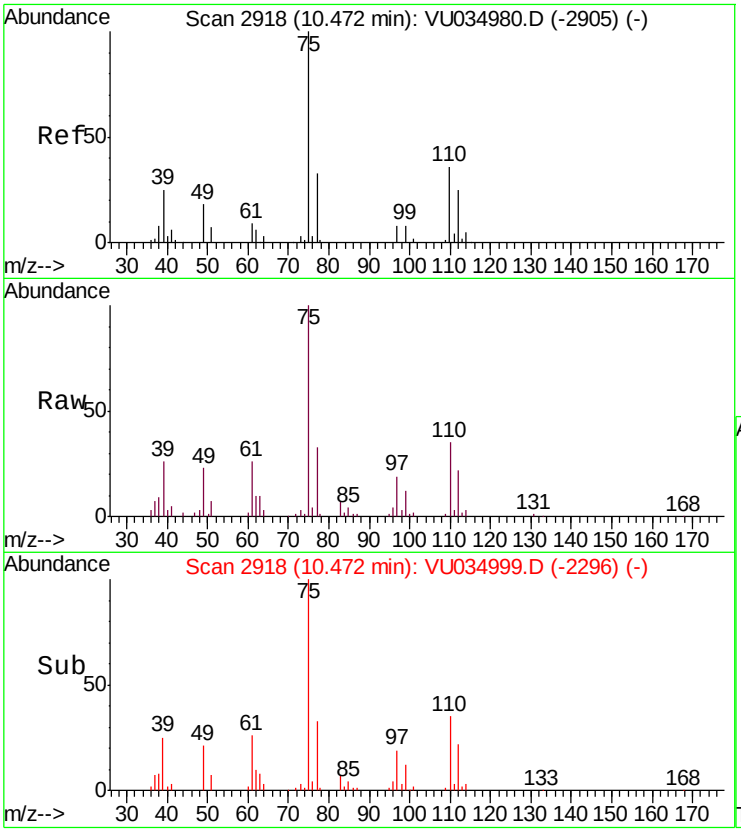


#58
1,1,2,2-Tetrachloroethane
Concen: 5.328 ug/L
RT: 10.44 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 83 Resp: 65961

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.6	82.8
131	9.7	7.4	11.2



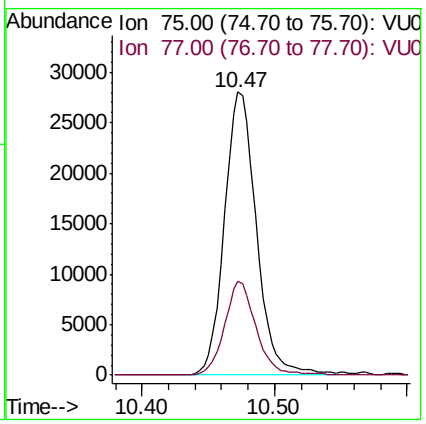


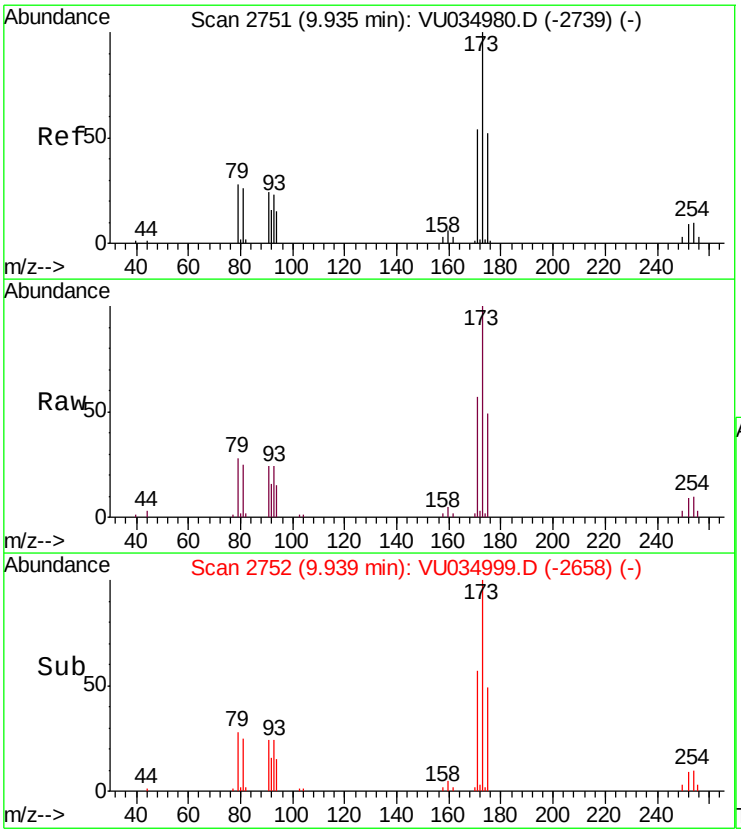
#59
1,2,3-Trichloropropane
Concen: 5.302 ug/L
RT: 10.47 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Tgt Ion: 75 Resp: 47052

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.5	39.7

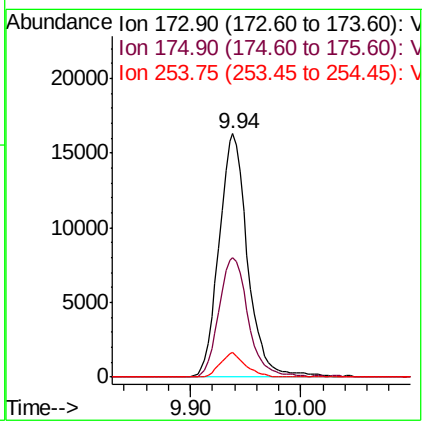


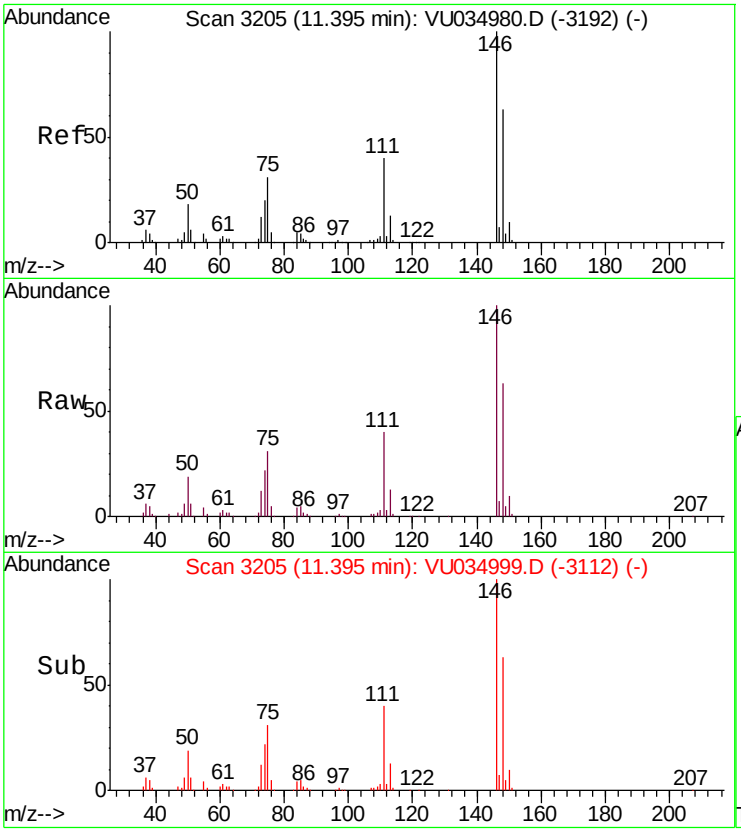


#61
Bromoform
Concen: 4.822 ug/L
RT: 9.94 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:173 Resp: 29304

Ion	Ratio	Lower	Upper
173	100		
175	50.2	37.2	55.8
254	8.7	6.6	9.8



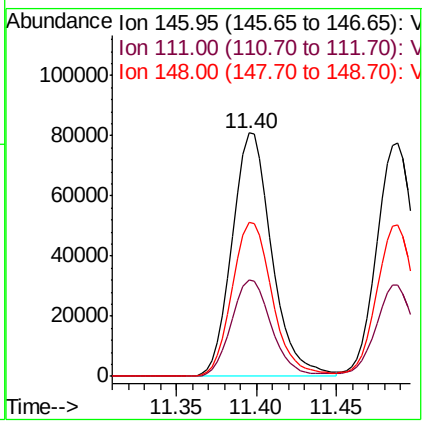


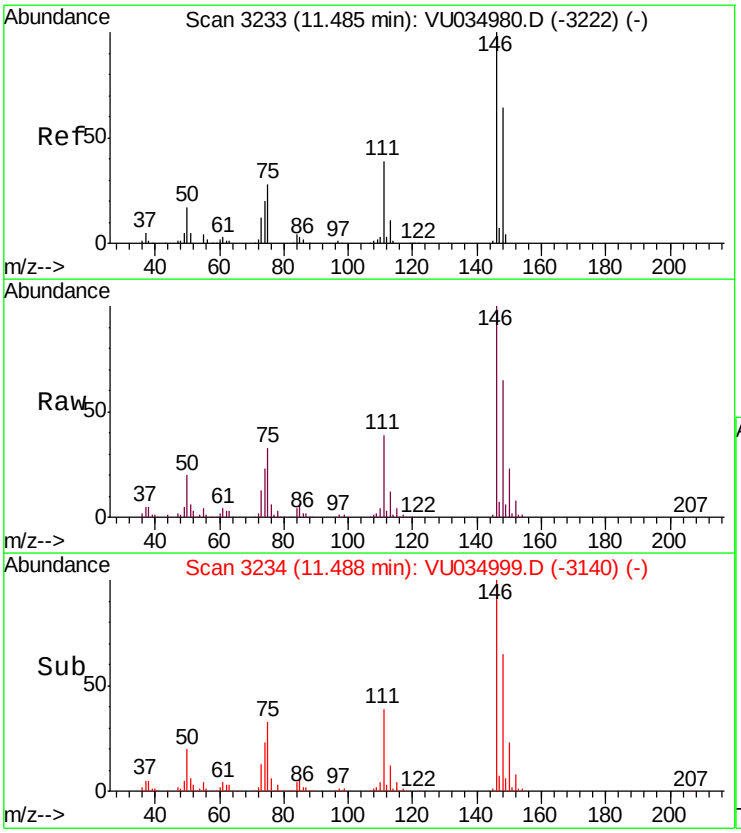
#62
1,3-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.40 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:146 Resp: 137033

Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.6	53.2
148	63.2	45.0	83.6

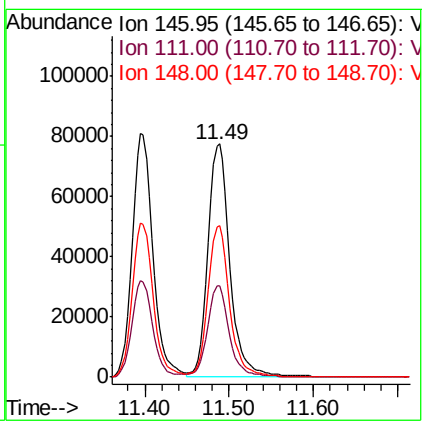


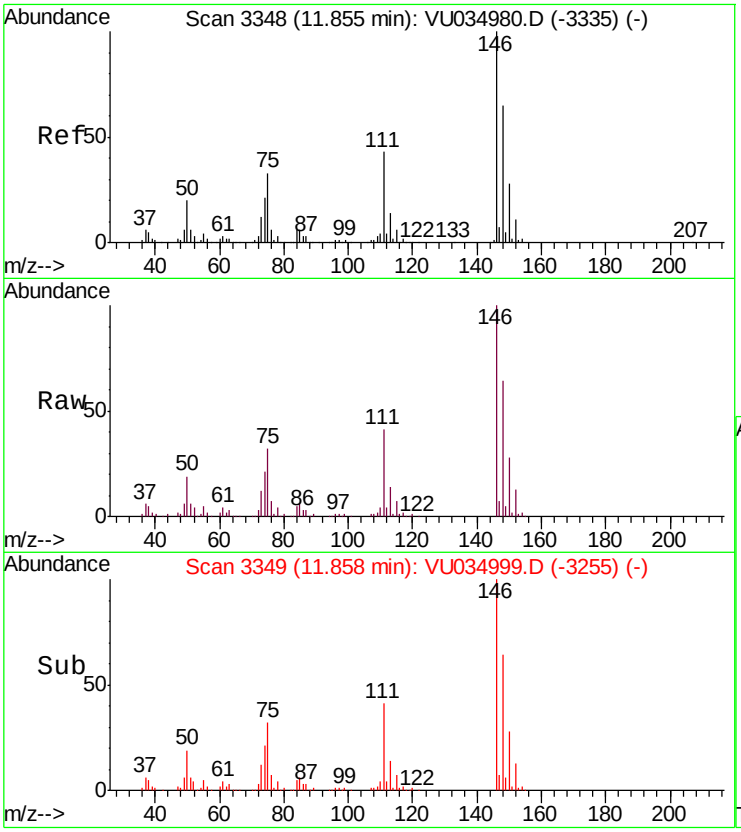


#63
1,4-Dichlorobenzene
Concen: 5.058 ug/L
RT: 11.49 min Scan# 3234
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:146 Resp: 139351

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.9	51.7
148	65.1	44.1	81.9



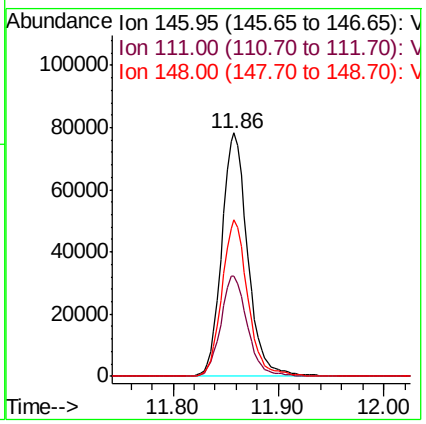


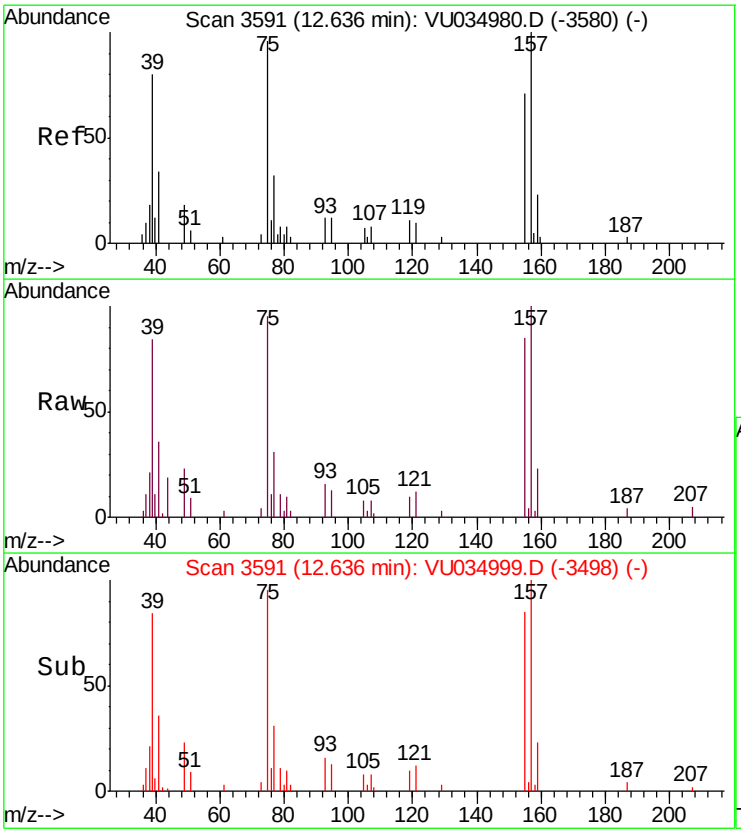
#65
1,2-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:146 Resp: 132946

Ion	Ratio	Lower	Upper
146	100		
111	41.1	34.2	51.4
148	64.1	52.0	78.0

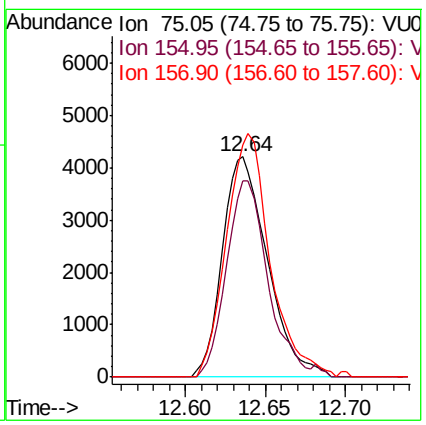


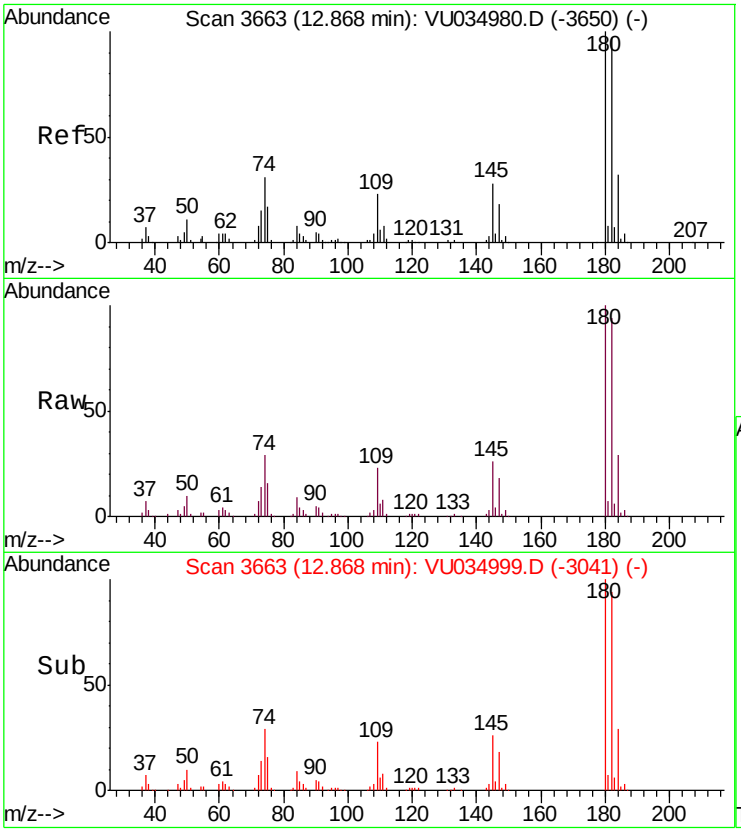


#66
1,2-Dibromo-3-chloropropane
Concen: 4.851 ug/L
RT: 12.64 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion: 75 Resp: 8120

Ion	Ratio	Lower	Upper
75	100		
155	89.0	67.1	100.7
157	105.2	83.7	125.5



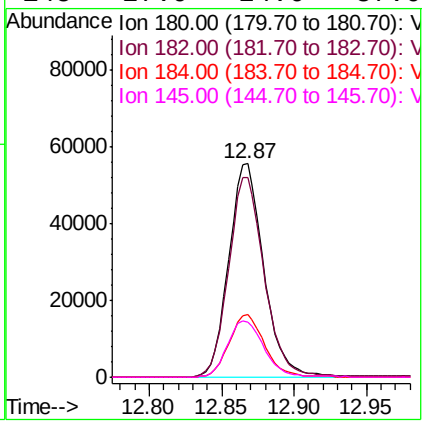


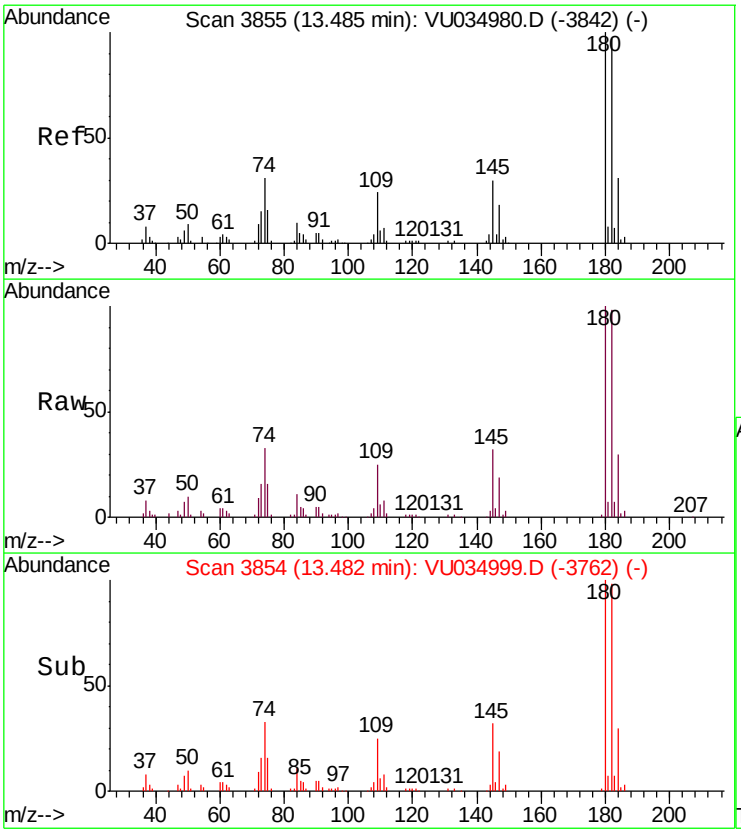
#67
1,3,5-Trichlorobenzene
Concen: 5.049 ug/L
RT: 12.87 min Scan# 3663
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:180 Resp: 93334

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
184	29.8	24.2	36.2
145	27.9	24.6	37.0

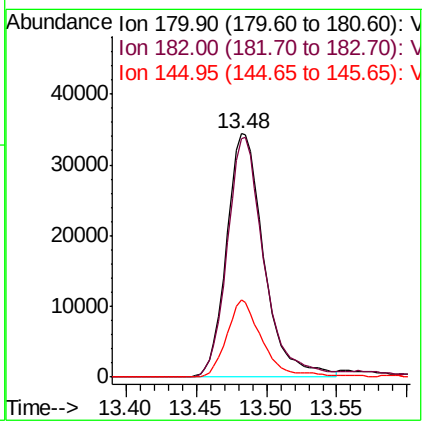


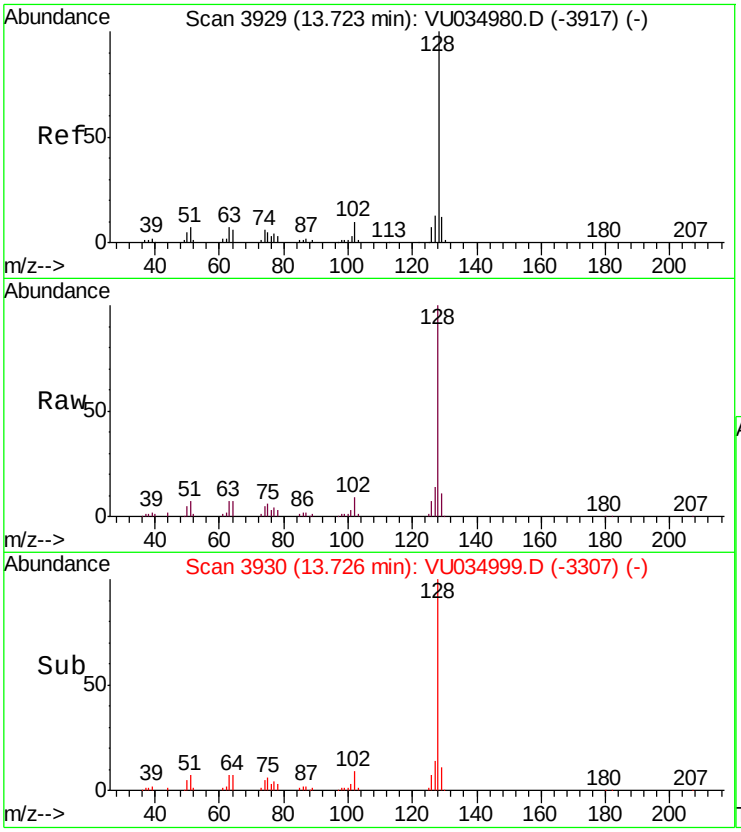


#68
1,2,4-trichlorobenzene
Concen: 4.618 ug/L
RT: 13.48 min Scan# 3854
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:180 Resp: 63752

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.3	115.9
145	30.3	24.5	36.7



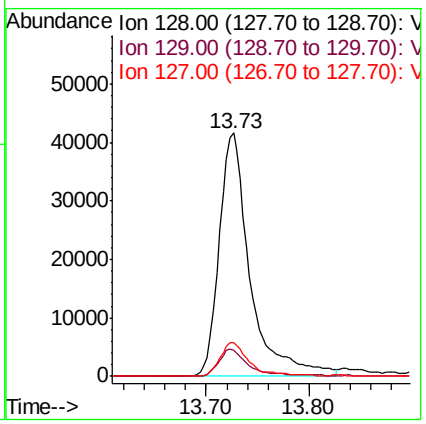


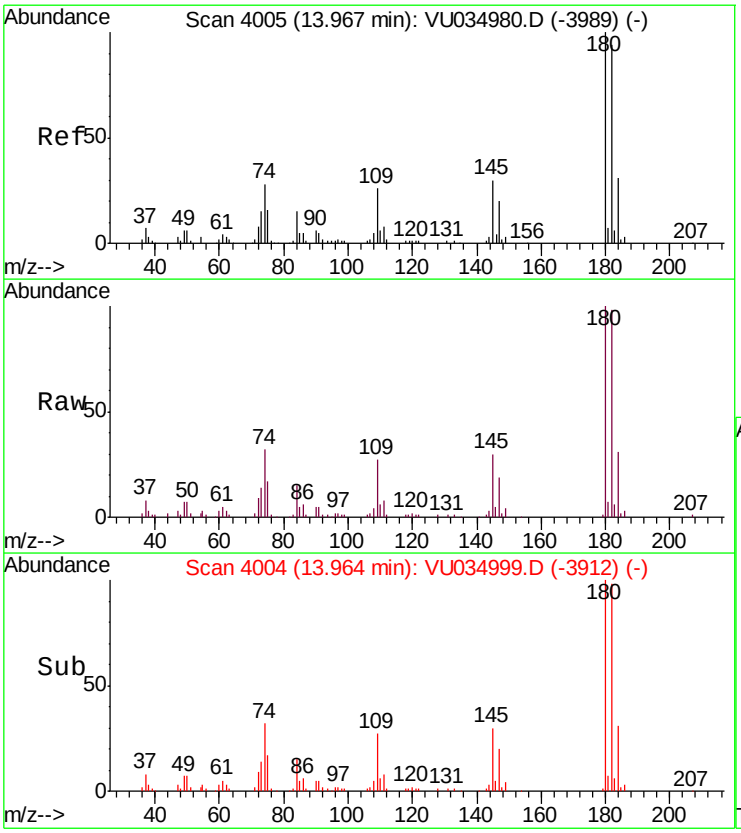
#69
Naphthalene
Concen: 4.042 ug/L
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Tgt Ion:128 Resp: 86754

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.0	10.6	15.8





#70
1,2,3-Trichlorobenzene
Concen: 4.908 ug/L
RT: 13.96 min Scan# 4004
Delta R.T. -0.00 min
Lab File: VU034999.D
Acq: 08 Oct 2019 19:07

Tgt Ion:180 Resp: 65887

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.0	115.4
145	29.7	25.9	38.9