Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093019\

Quantitation Report (Not Reviewed)

Data File : VV013011.D
Acq On : 30 Sep 2019 11:03
Operator : SY/MD
Sample : VSTD2.577
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Quant Time: Sep 30 14:03:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	736873	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	714196	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	373126	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	31190	2.96	ug/L		0.00
7) Chloroethane-d5	1.58	69	26236	2.97	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	52821	2.91	ug/L		0.00
21) 2-Butanone-d5	3.97	46	17881	5.92	ug/L		0.03
24) Chloroform-d	4.40	84	55478	2.80	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	31507	2.79	ug/L		0.00
32) Benzene-d6	5.10	84	109891	2.79	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	34794	2.82	ug/L		0.00
41) Toluene-d8	7.36	98	95581	2.66	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.66	79	13520	2.61	ug/L		0.00
47) 2-Hexanone-d5	8.14	63	11849	4.55	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	31561	2.73	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	40379	2.81	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	16740	2.120	ug/L		97
3) Chloromethane	1.25	50	25517	2.539	ug/L		97
5) Vinyl chloride	1.32	62	26031	2.514	ug/L		96
6) Bromomethane	1.53	94	18074	2.717	ug/L		99
8) Chloroethane	1.60	64	18026	2.754	ug/L		98
9) Trichlorofluoromethane	1.77	101	38282	2.729	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24132	2.684	ug/L		98
12) 1,1-Dichloroethene	2.14	96	23708	2.807	ug/L		87
13) Acetone	2.21	43	27271	6.952	ug/L		97
14) Carbon disulfide	2.32	76	66628	2.571	ug/L		98
15) Methyl Acetate	2.47	43	14564	2.406	ug/L	#	72
16) Methylene chloride	2.53	84	39857	3.303	ug/L		95
17) trans-1,2-Dichloroethene	2.79	96	26618	2.674	ug/L		95
18) Methyl tert-butyl Ether	2.80	73	62278	2.487	ug/L		98
19) 1,1-Dichloroethane	3.23	63	48527	2.656	ug/L		99
20) cis-1,2-Dichloroethene	3.96	96	28368	2.562	ug/L		96
22) 2-Butanone	4.05	43	8313	2.448	ug/L		83
23) Bromochloromethane	4.30	128	14384	2.650	ug/L		95
25) Chloroform	4.42	83	52170	2.739	ug/L		99
27) 1,2-Dichloroethane	5.18	62	33846	2.585	ug/L		99
29) Cyclohexane	4.72	56	39630	2.521	ug/L		100
30) 1,1,1-Trichloroethane	4.66	97	39486	2.707	ug/L		98
31) Carbon tetrachloride	4.87	117	36511	2.780	ug/L		99
33) Benzene	5.14	78	107461	2.632	ug/L		100
34) Trichloroethene	5.96	95	30014	2.713	ug/L		98
35) Methylcyclohexane	6.17	83	44605	2.569	ug/L		98
37) 1,2-Dichloropropane	6.22	63	27564	2.631	ug/L	#	96
38) Bromodichloromethane	6.55	83	35824	2.619	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	36870	2.337	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	42211	5.041	ug/L		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093019\

Quantitation Report (Not Reviewed)

Data File : VV013011.D
Acq On : 30 Sep 2019 11:03
Operator : SY/MD
Sample : VSTD2.577
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Quant Time: Sep 30 14:03:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	110641	2.548	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	29995	2.316	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	23612	2.657	ug/L	99
46) Tetrachloroethene	8.02	164	24756	2.705	ug/L	98
48) 2-Hexanone	8.19	43	29109	4.774	ug/L	92
49) Dibromochloromethane	8.29	129	25363	2.503	ug/L	100
50) 1,2-Dibromoethane	8.39	107	22926	2.615	ug/L	97
51) Chlorobenzene	8.92	112	77967	2.647	ug/L	99
52) Ethylbenzene	9.05	91	118949	2.493	ug/L	100
53) m,p-Xylene	9.18	106	43686	2.395	ug/L	97
54) o-Xylene	9.59	106	41240	2.364	ug/L	97
55) Styrene	9.60	104	67458	2.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.29	83	27850	2.570	ug/L	100
59) Bromoform	9.77	173	16340	2.557	ug/L	97
60) Isopropylbenzene	9.97	105	108743	2.418	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	23380	2.753	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	79515	2.195	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	79421	2.183	ug/L	99
64) 1,3-Dichlorobenzene	11.23	146	60675	2.571	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	69317	2.797	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	59808	2.654	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	5021	2.726	ug/L	93
69) 1,3,5-Trichlorobenzene	12.69	180	49106	2.584	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	41113	2.502	ug/L	96
71) Naphthalene	13.55	128	70336	2.197	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	40435	2.551	ug/L	99

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

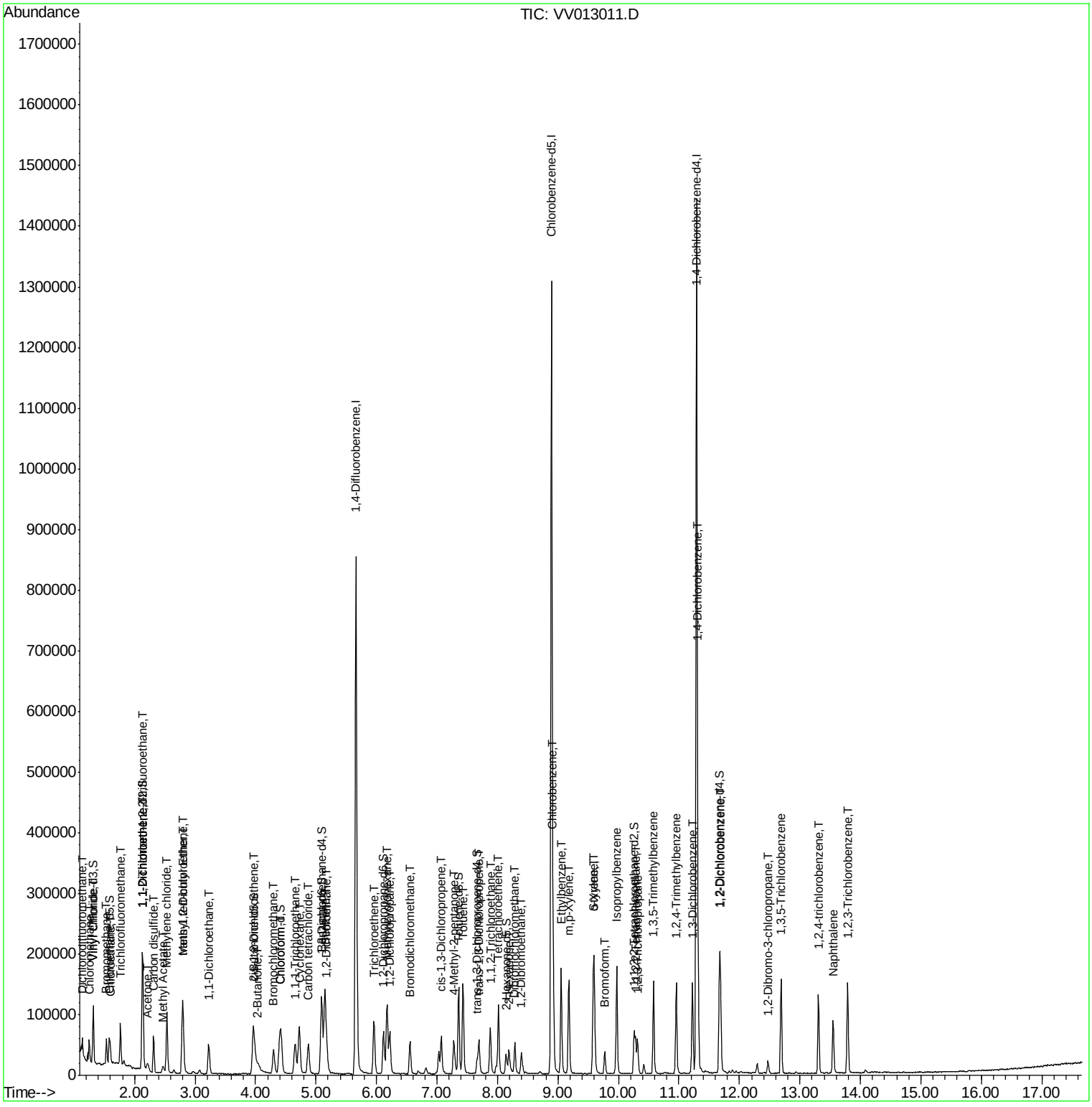
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093019\

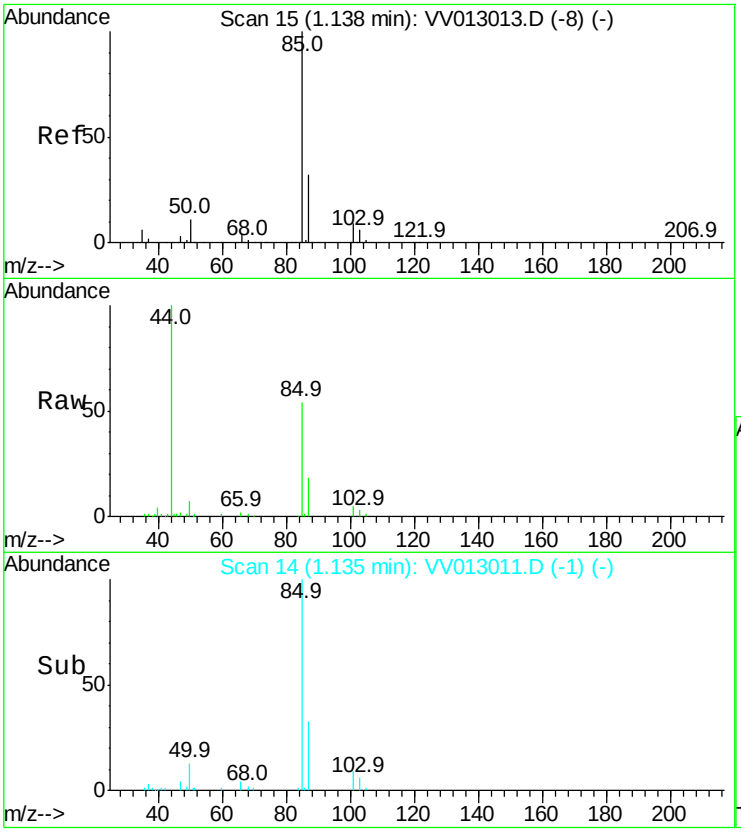
Quantitation Report (Not Reviewed)

Data File : VV013011.D
Acq On : 30 Sep 2019 11:03
Operator : SY/MD
Sample : VSTD2.577
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Quant Time: Sep 30 14:03:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 13:59:50 2019
Response via : Initial Calibration



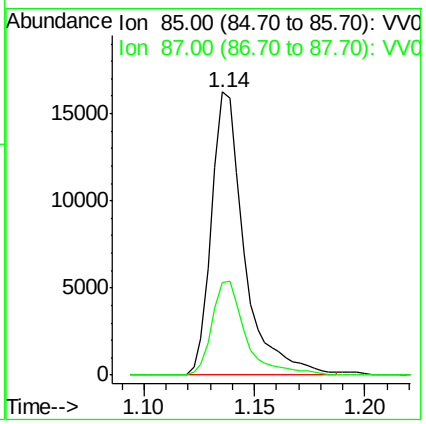


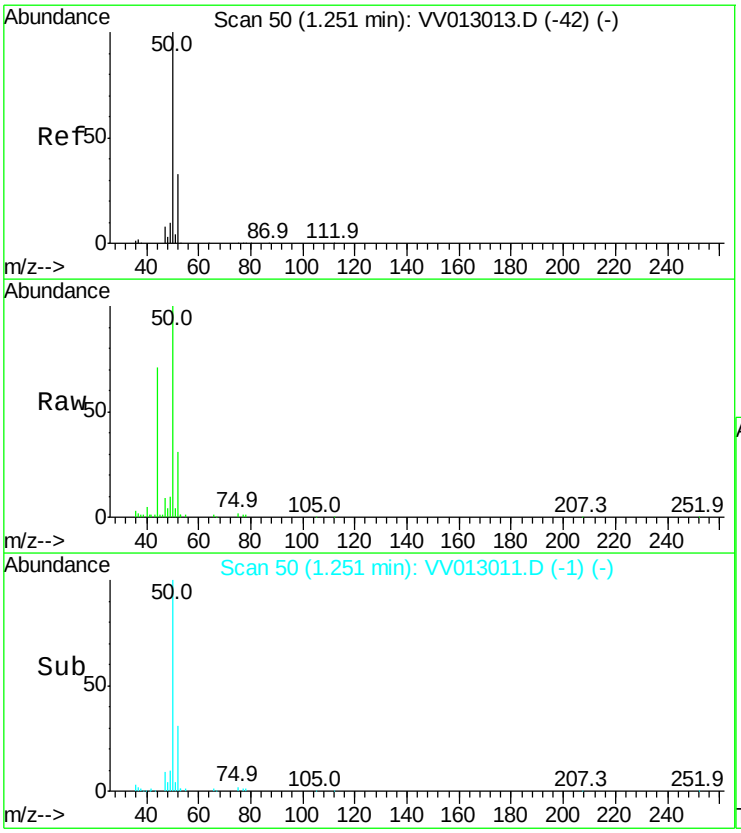
#2
Dichlorodifluoromethane
Concen: 2.120 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 85 Resp: 16740

Ion	Ratio	Lower	Upper
85	100		
87	34.0	25.7	38.5

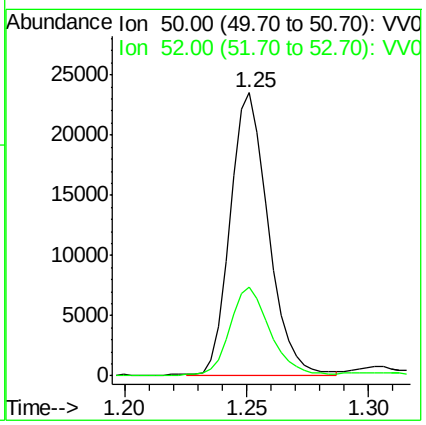


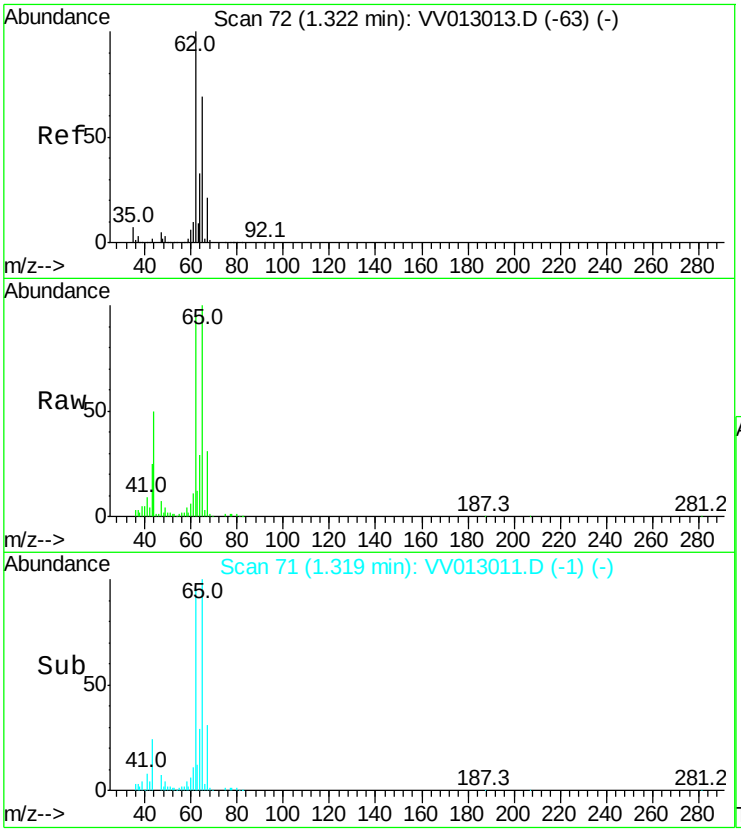


#3
Chloromethane
Concen: 2.539 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 50 Resp: 25517

Ion	Ratio	Lower	Upper
50	100		
52	31.2	23.1	42.9



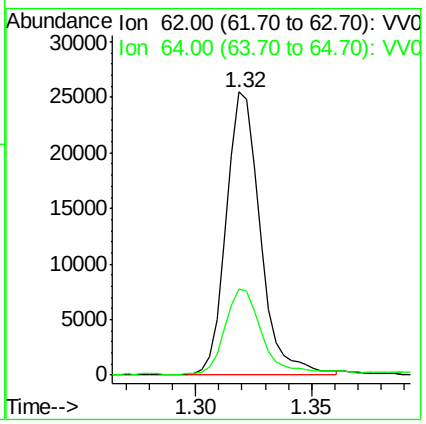


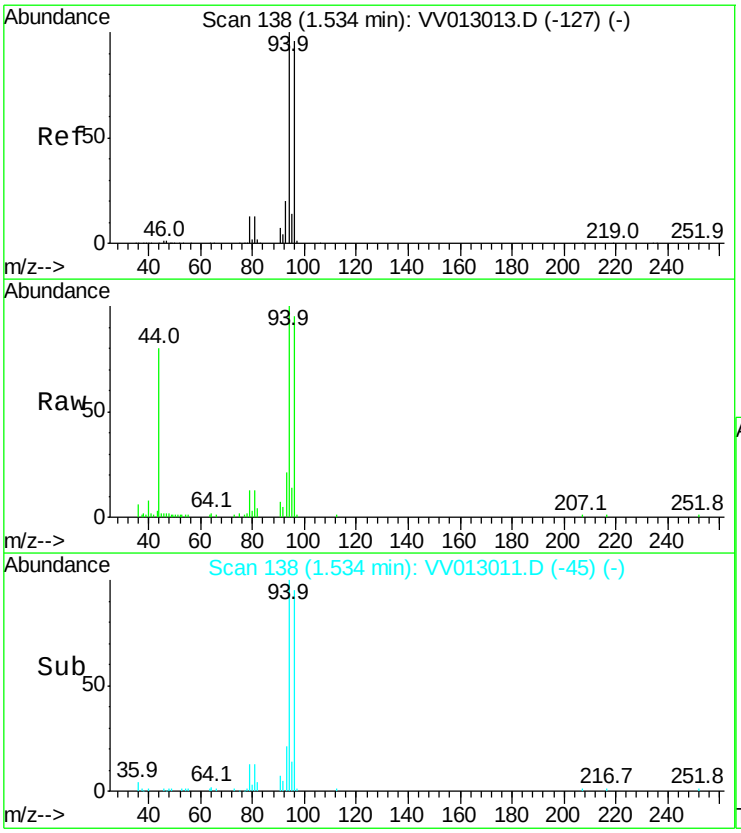
#5
Vinyl chloride
Concen: 2.514 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 62 Resp: 26031

Ion	Ratio	Lower	Upper
62	100		
64	30.5	23.1	42.9

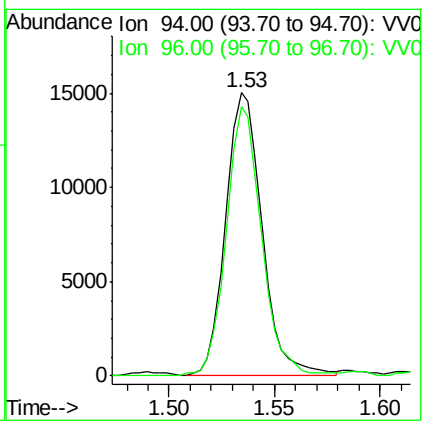


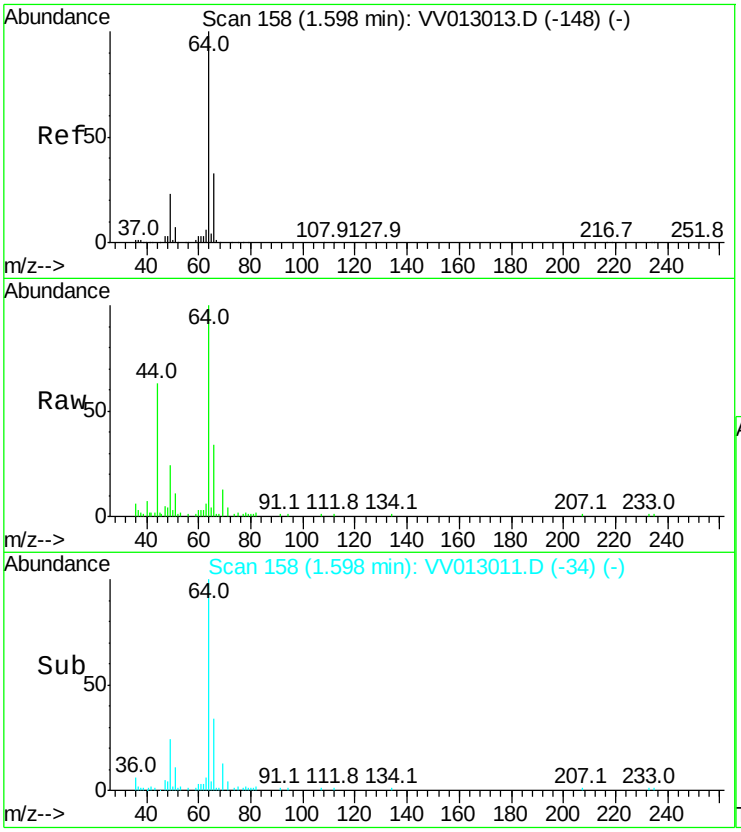


#6
Bromomethane
Concen: 2.717 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 94 Resp: 18074

Ion	Ratio	Lower	Upper
94	100		
96	95.0	67.4	125.2



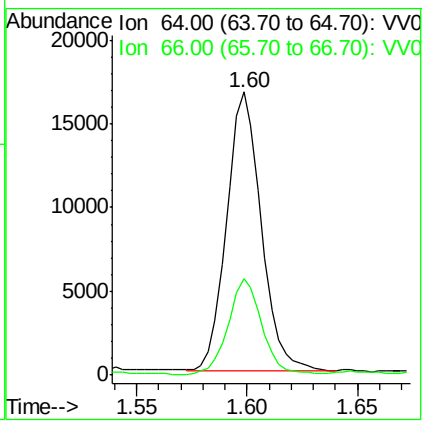


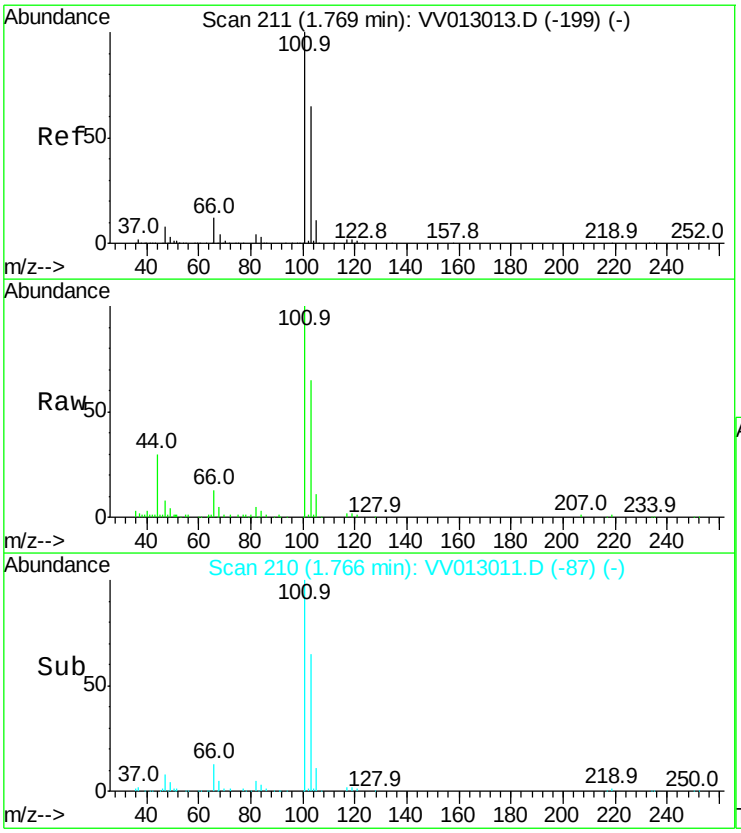
#8
Chloroethane
Concen: 2.754 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 64 Resp: 18026

Ion	Ratio	Lower	Upper
64	100		
66	33.9	22.8	42.4

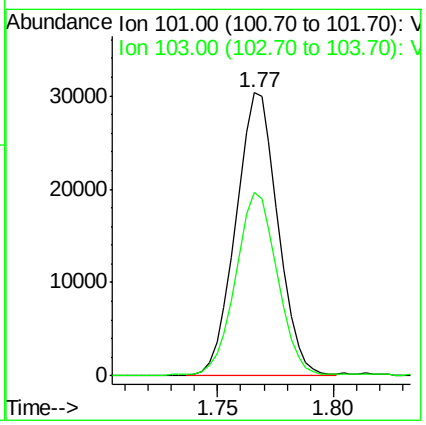


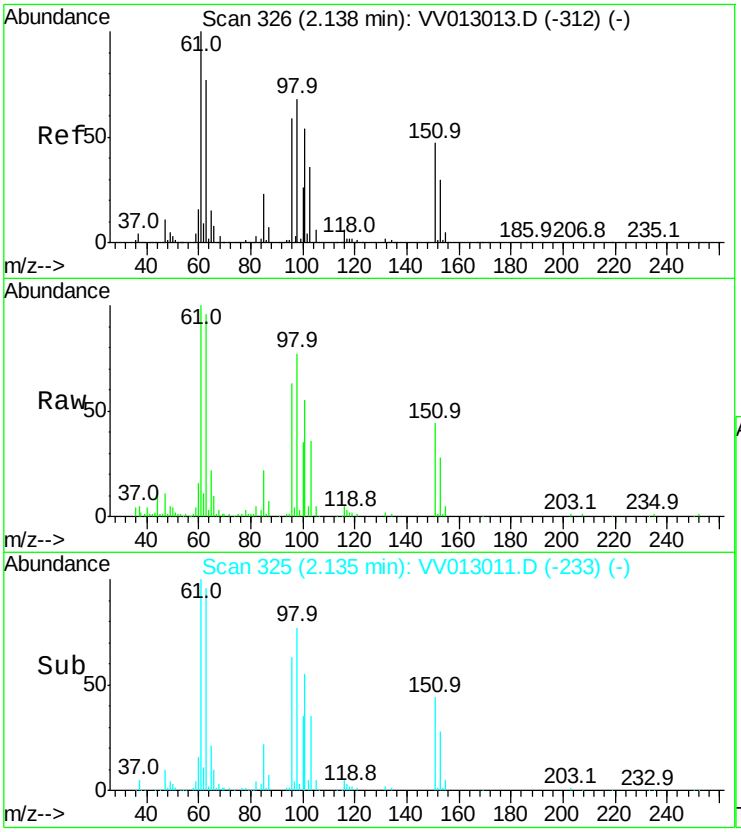


#9
Trichlorofluoromethane
Concen: 2.729 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:101 Resp: 38282

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.2



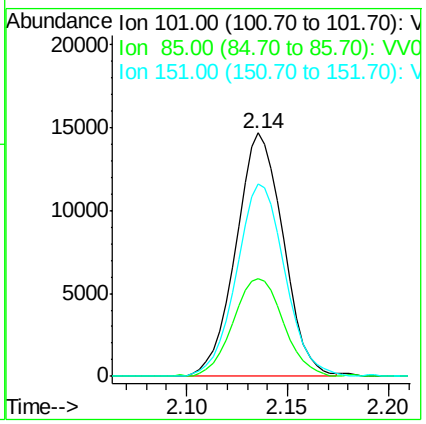


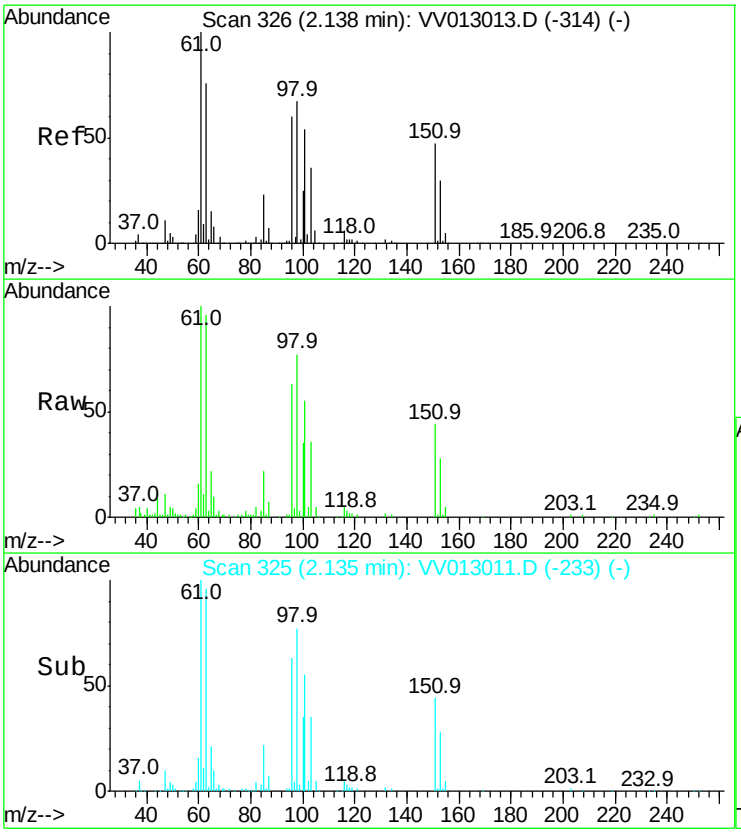
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.684 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:101 Resp: 24132

Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.6	50.4
151	81.0	66.9	100.3

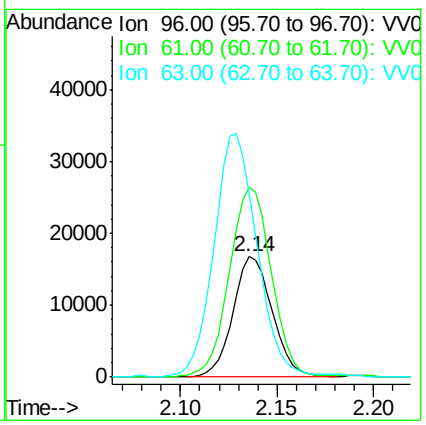


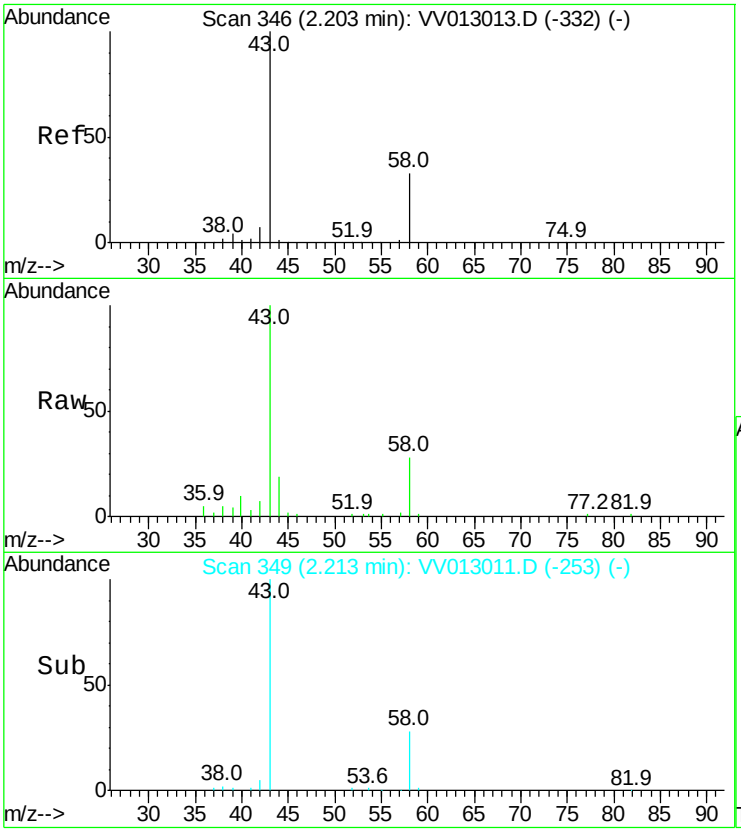


#12
1,1-Dichloroethene
Concen: 2.807 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 96 Resp: 23708

Ion	Ratio	Lower	Upper
96	100		
61	158.0	117.7	218.7
63	152.1	90.4	168.0



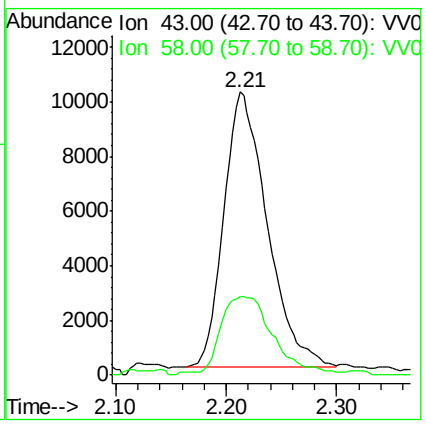


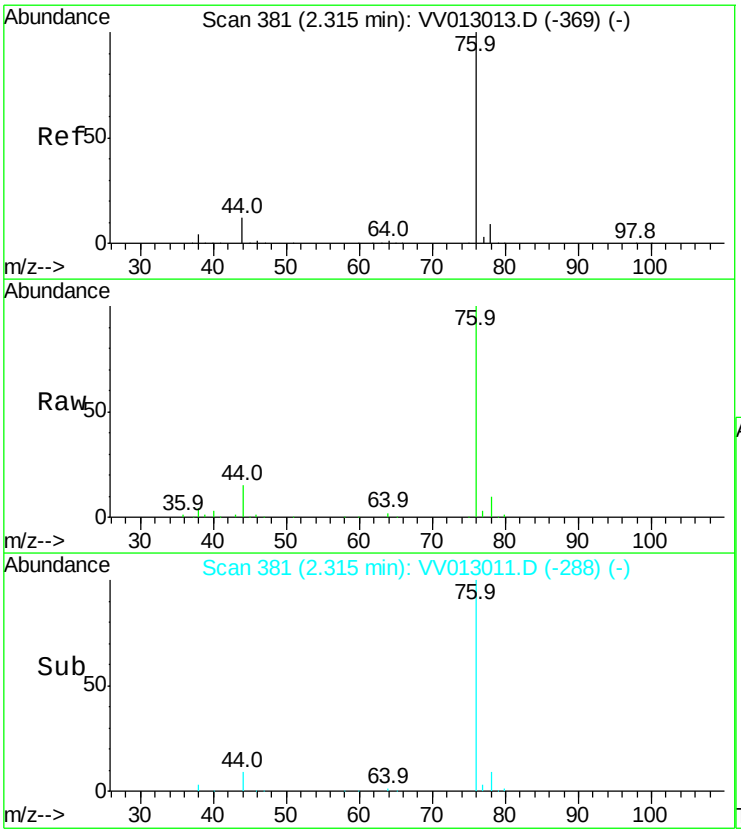
#13
Acetone
Concen: 6.952 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 43 Resp: 27271

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	65.2

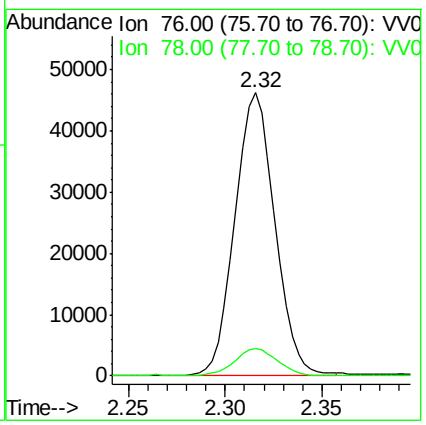


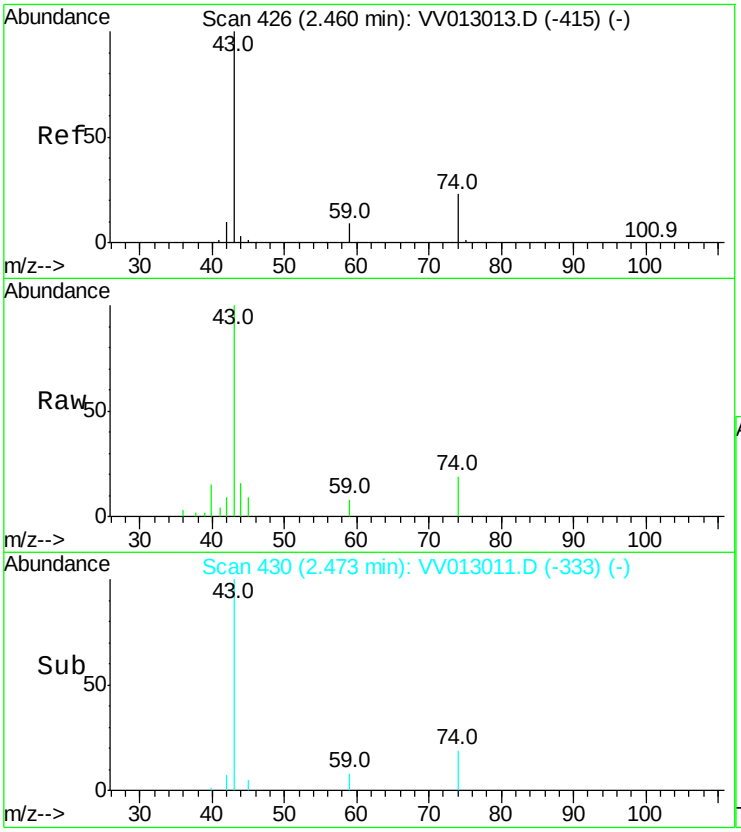


#14
Carbon disulfide
Concen: 2.571 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 76 Resp: 66628

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.1	10.7



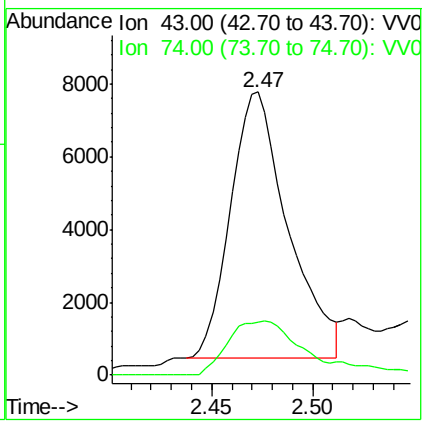


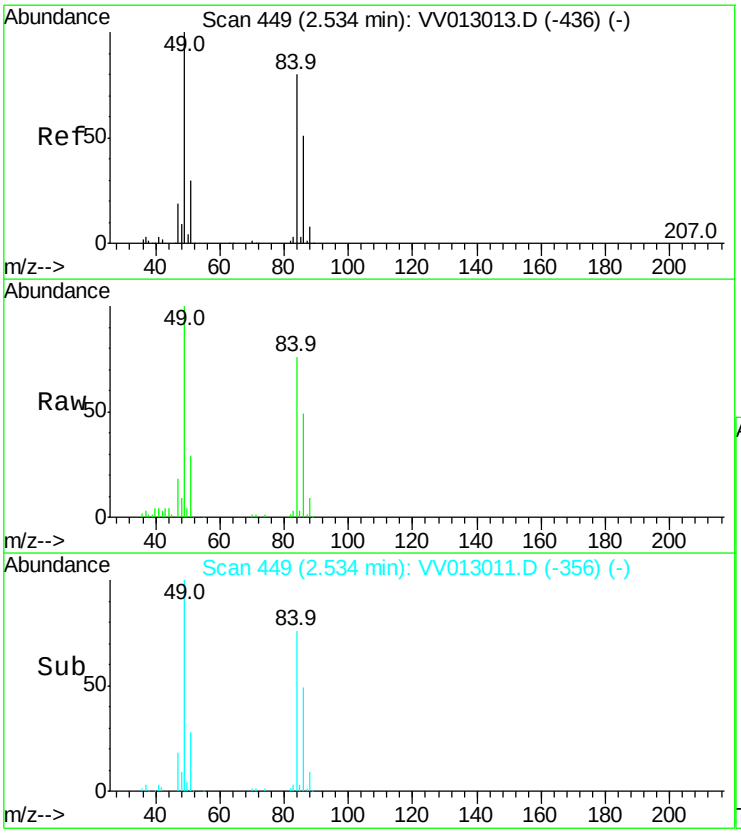
#15
Methyl Acetate
Concen: 2.406 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 43 Resp: 14564

Ion	Ratio	Lower	Upper
43	100		
74	9.6	18.5	27.7#

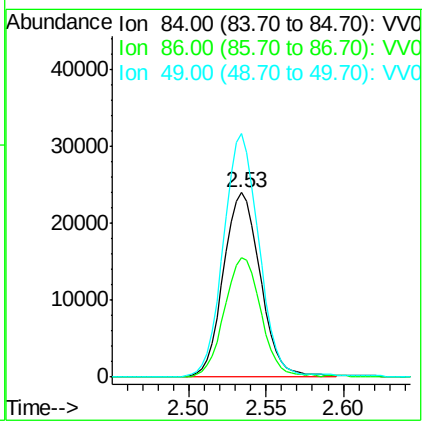


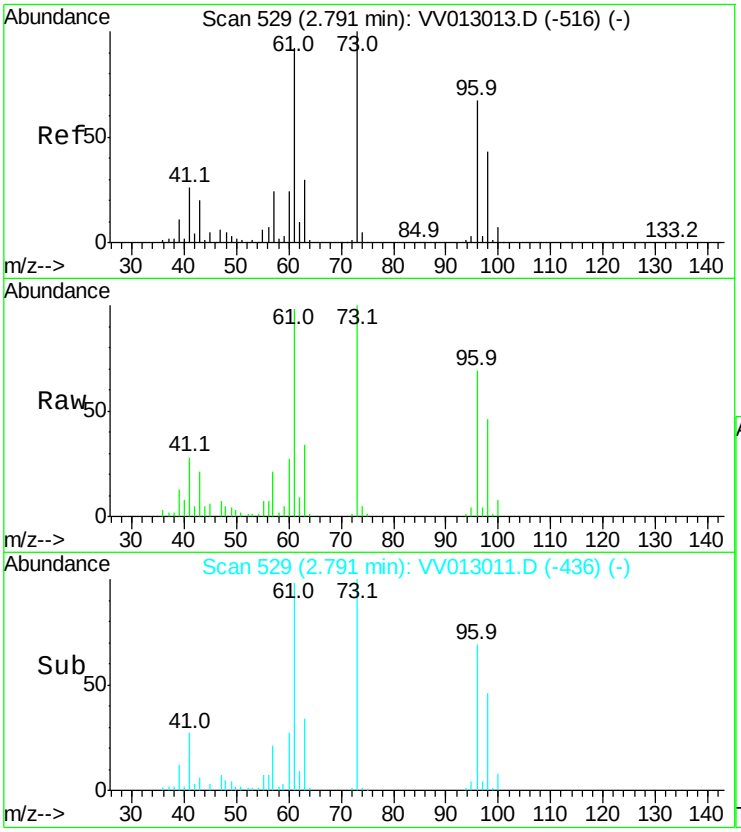


#16
Methylene chloride
Concen: 3.303 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 84 Resp: 39857

Ion	Ratio	Lower	Upper
84	100		
86	64.9	44.5	82.7
49	132.1	87.5	162.5



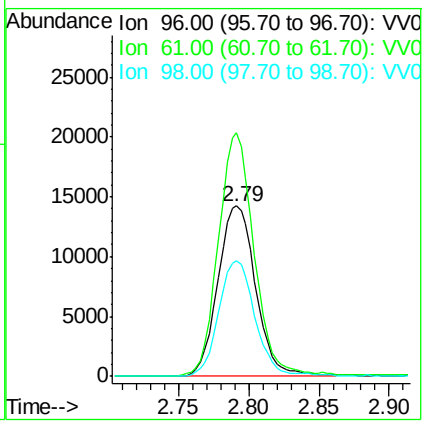


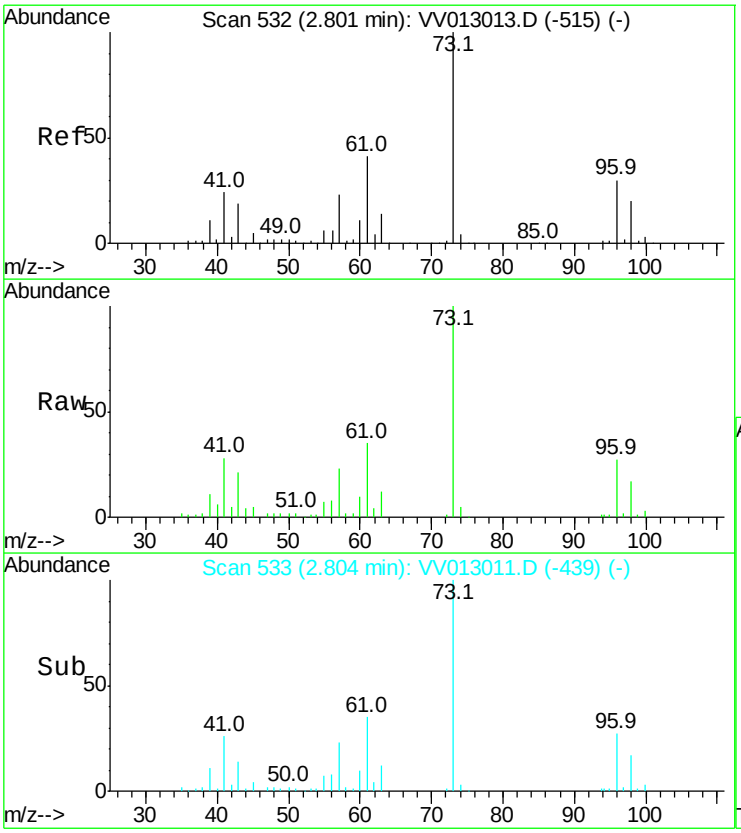
#17
trans-1,2-Dichloroethene
Concen: 2.674 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 96 Resp: 26618

Ion	Ratio	Lower	Upper
96	100		
61	142.7	95.8	177.8
98	67.6	45.1	83.7

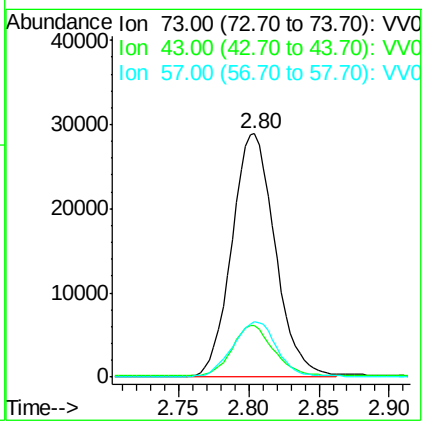


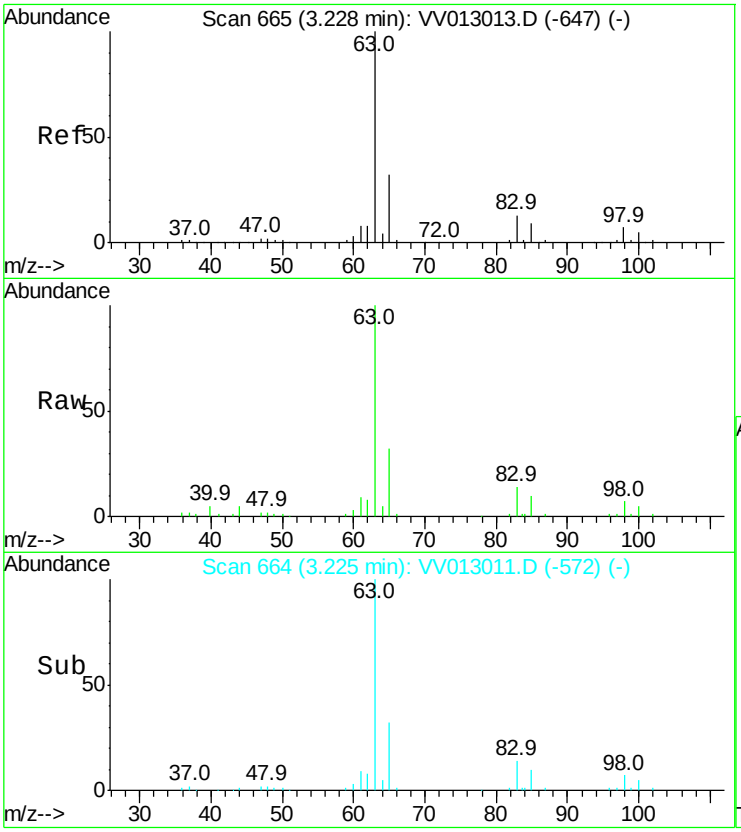


#18
Methyl tert-butyl Ether
Concen: 2.487 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 73 Resp: 62278

Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.1	22.7
57	23.1	18.1	27.1



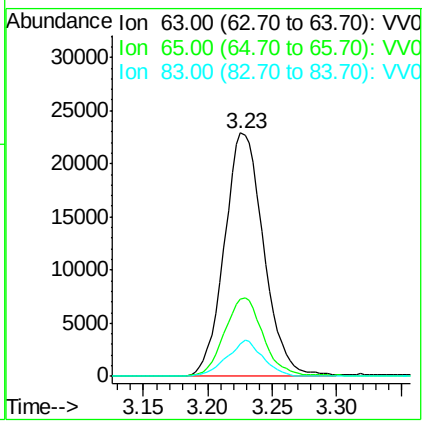


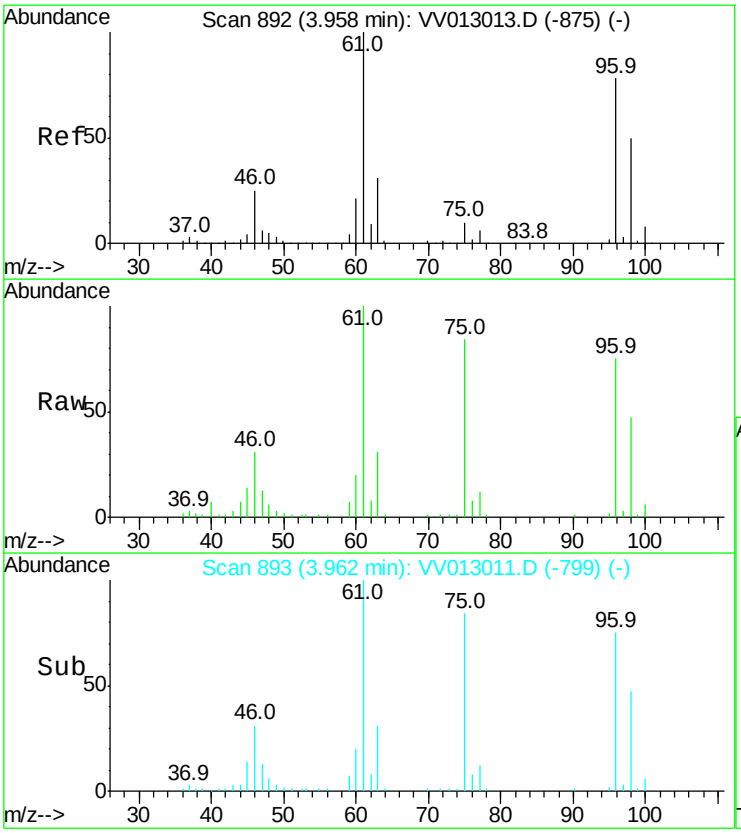
#19
1,1-Dichloroethane
Concen: 2.656 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 63 Resp: 48527

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.4	41.6
83	14.2	9.0	16.6

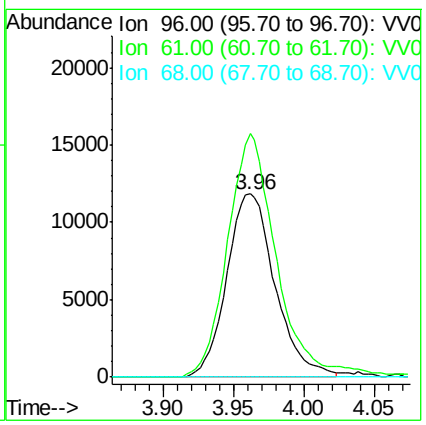


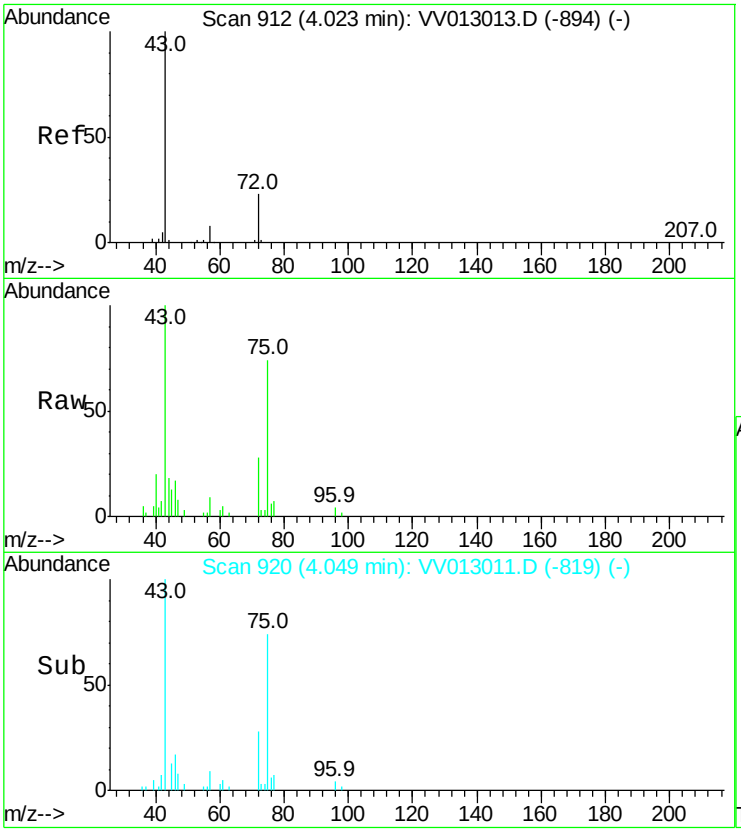


#20
cis-1,2-Dichloroethene
Concen: 2.562 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 96 Resp: 28368

Ion	Ratio	Lower	Upper
96	100		
61	133.0	89.5	166.3
68	0.0	0.0	0.0



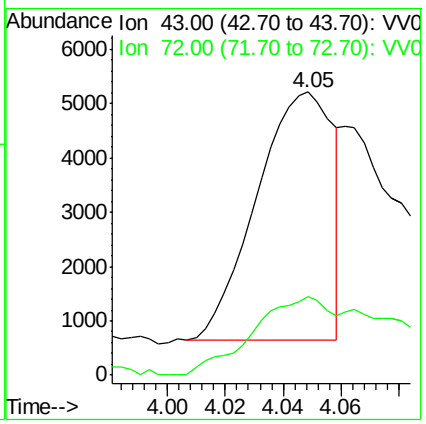


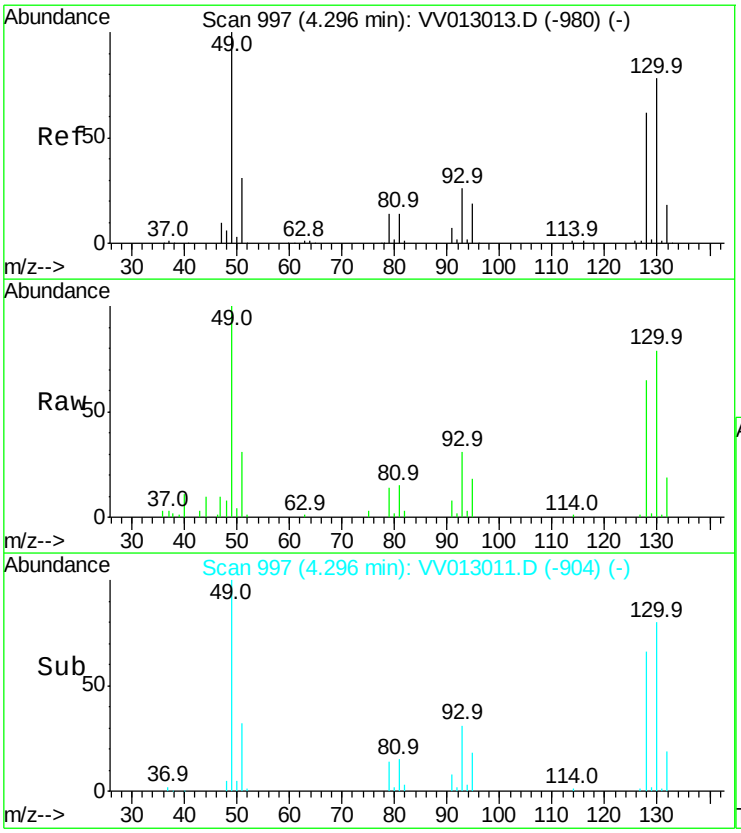
#22
2-Butanone
Concen: 2.448 ug/L
RT: 4.05 min Scan# 920
Delta R.T. 0.03 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 43 Resp: 8313

Ion	Ratio	Lower	Upper
43	100		
72	32.7	12.0	36.1

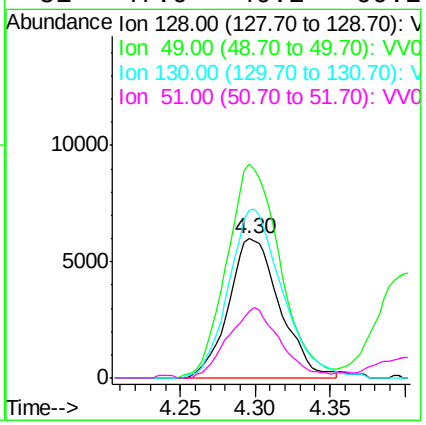


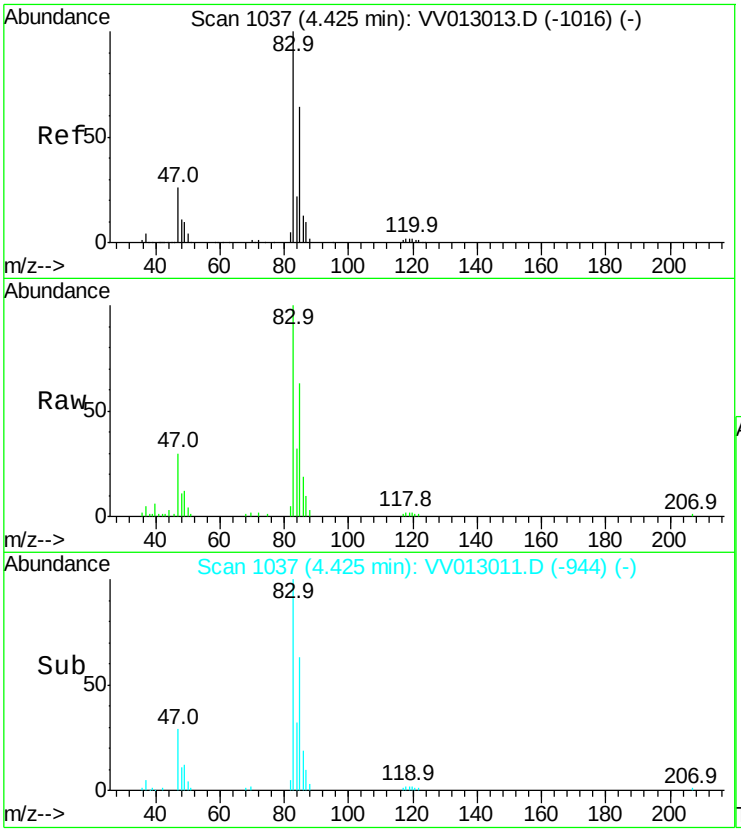


#23
Bromochloromethane
Concen: 2.650 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:128 Resp: 14384

Ion	Ratio	Lower	Upper
128	100		
49	153.6	113.6	211.0
130	120.9	88.0	163.4
51	47.9	40.2	60.2



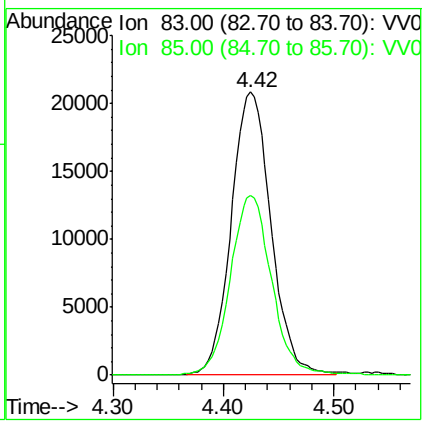


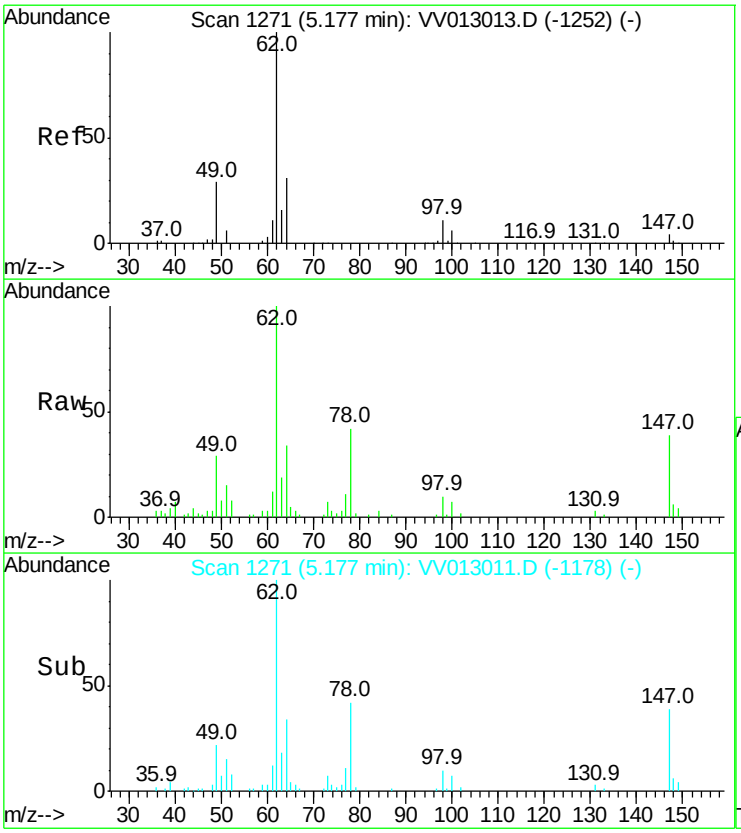
#25
Chloroform
Concen: 2.739 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 83 Resp: 52170

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.7	82.9

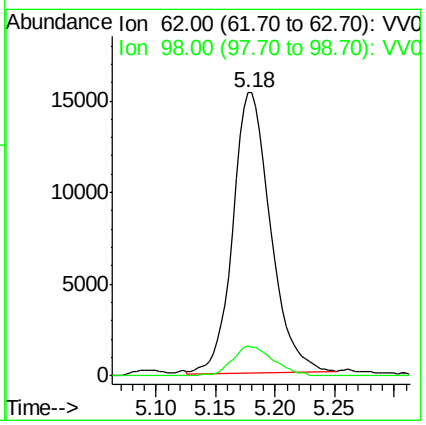


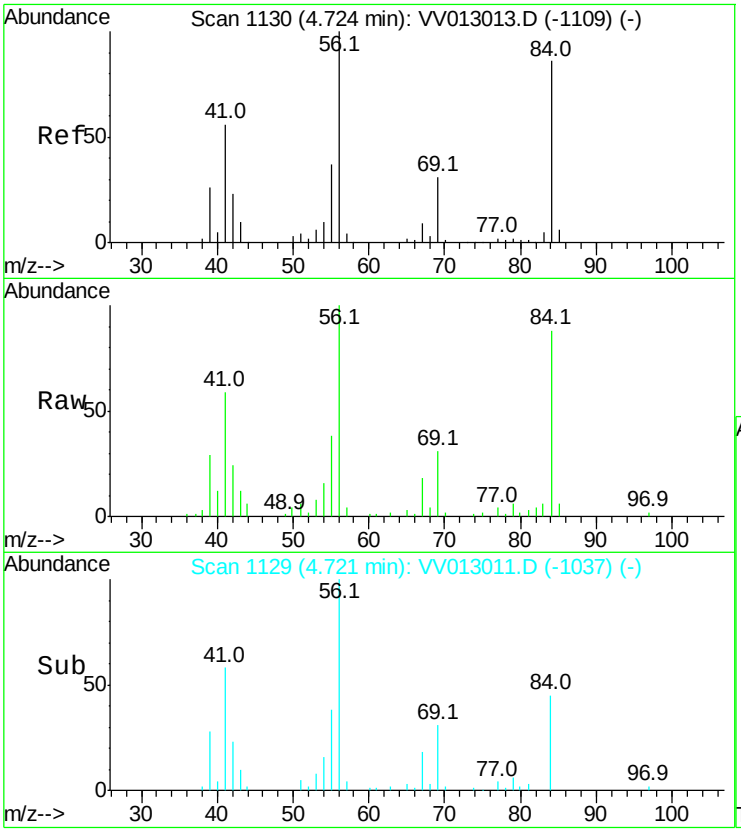


#27
1,2-Dichloroethane
Concen: 2.585 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 62 Resp: 33846

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.5	12.7



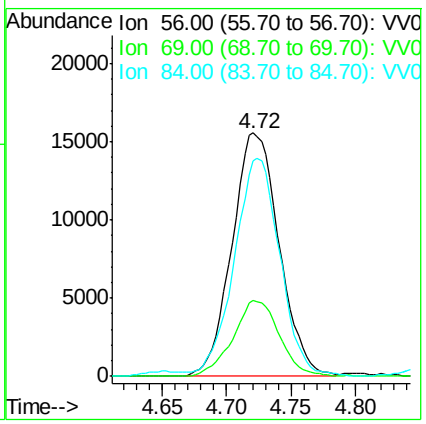


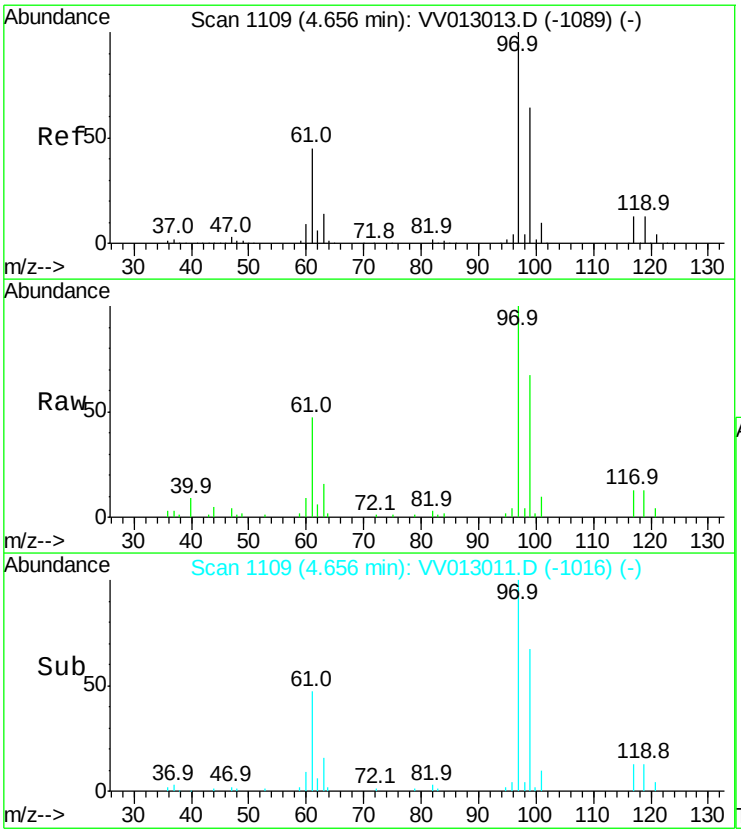
#29
Cyclohexane
Concen: 2.521 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 56 Resp: 39630

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	86.6	69.6	104.4

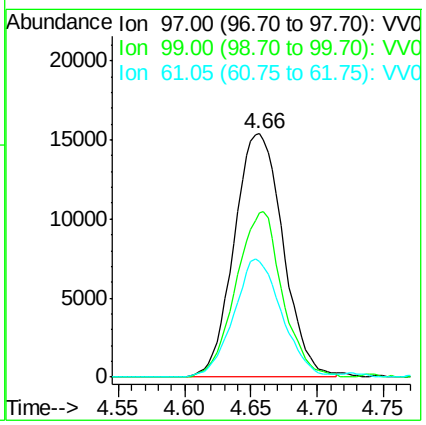


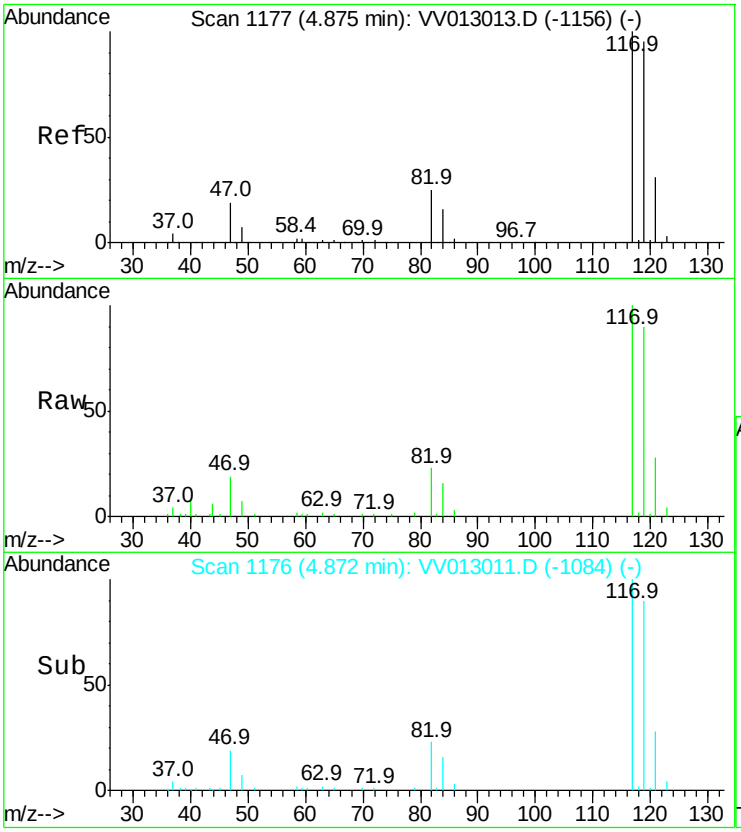


#30
1,1,1-Trichloroethane
Concen: 2.707 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 97 Resp: 39486

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	47.5	36.1	54.1



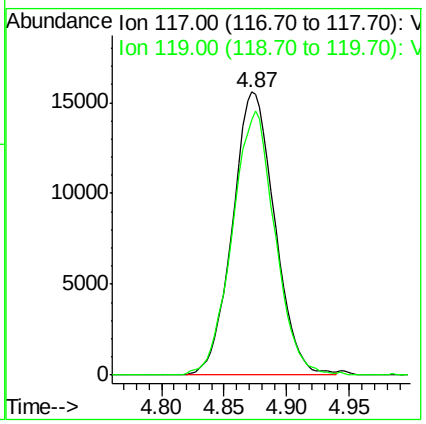


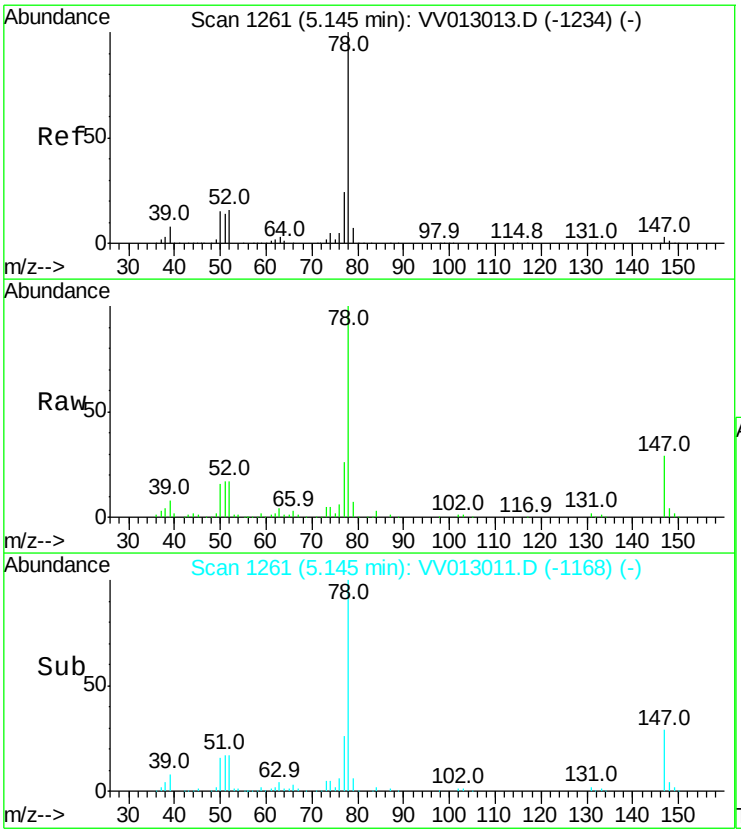
#31
Carbon tetrachloride
Concen: 2.780 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:117 Resp: 36511

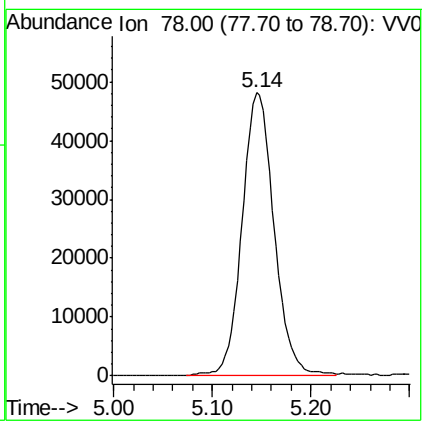
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.1	114.1

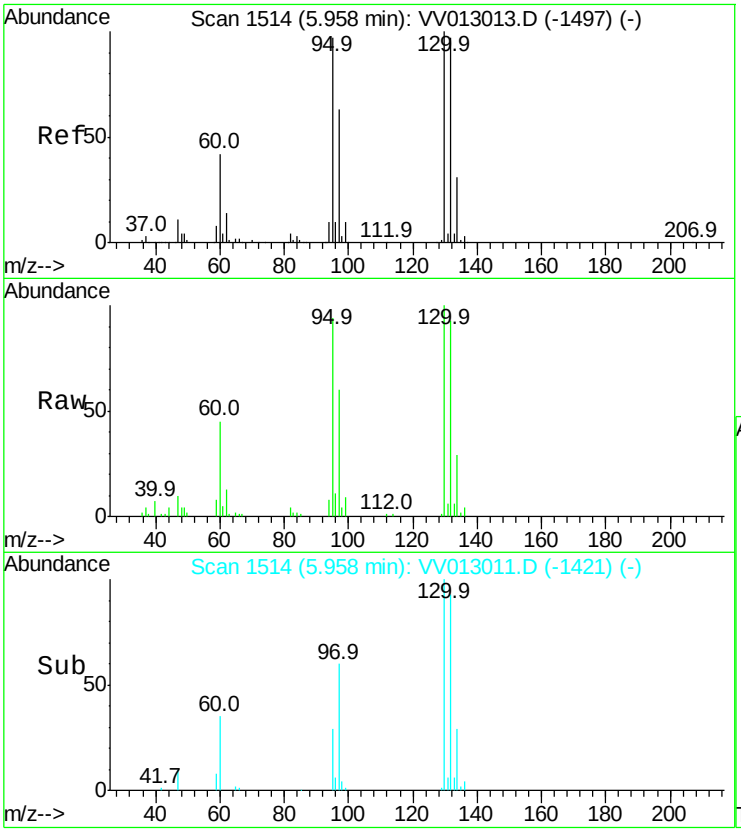




#33
Benzene
Concen: 2.632 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 78 Resp: 107461



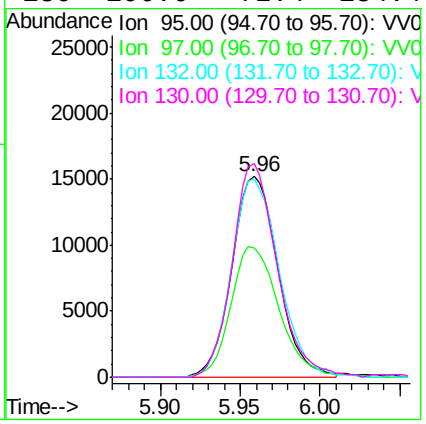


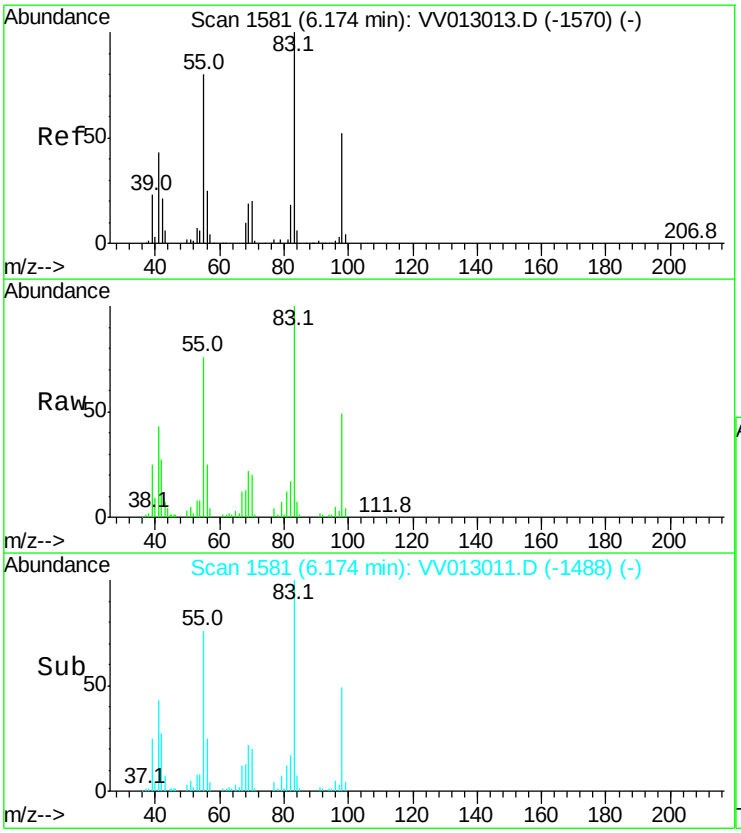
#34
Trichloroethene
Concen: 2.713 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 95 Resp: 30014

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.4	84.2
132	99.1	70.1	130.3
130	106.6	72.4	134.4

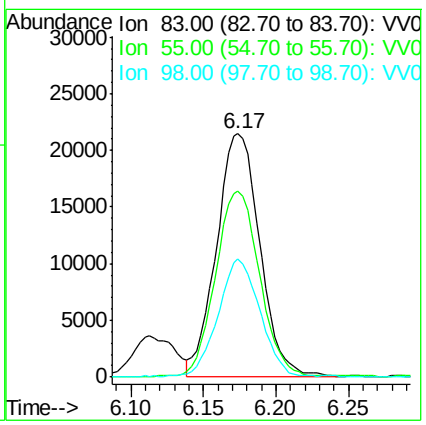


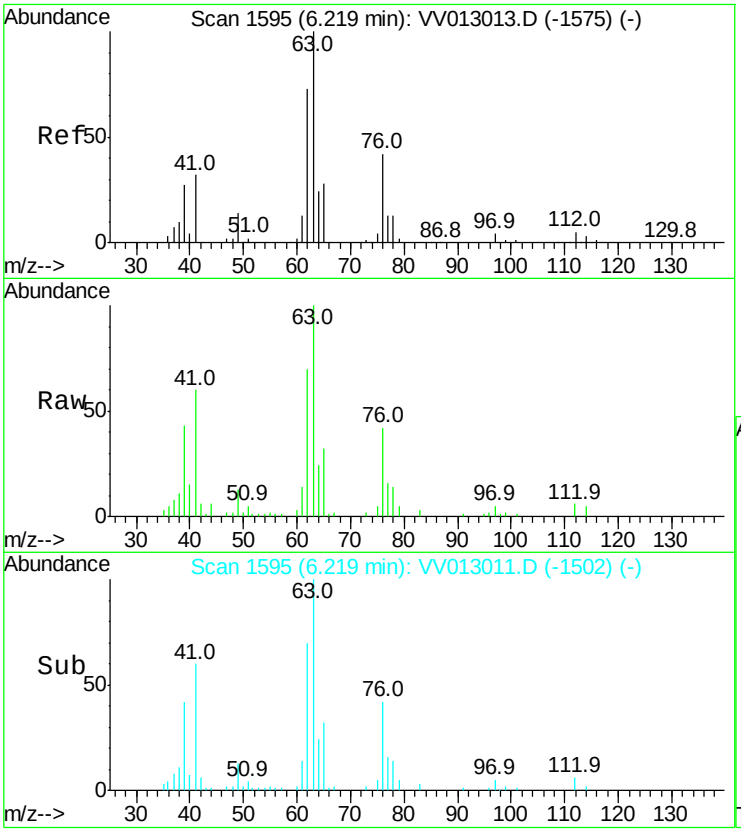


#35
Methylcyclohexane
Concen: 2.569 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 83 Resp: 44605

Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.9	92.9
98	46.9	40.0	60.0



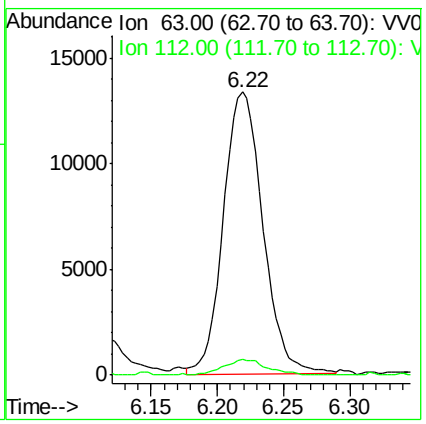


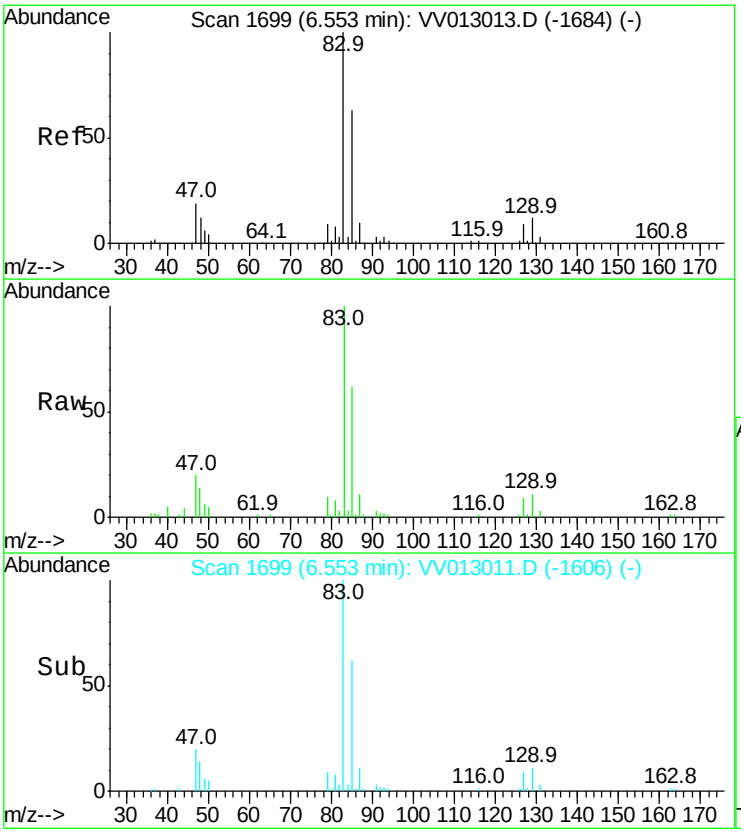
#37
1,2-Dichloropropane
Concen: 2.631 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 63 Resp: 27564

Ion	Ratio	Lower	Upper
63	100		
112	6.0	3.8	5.8#

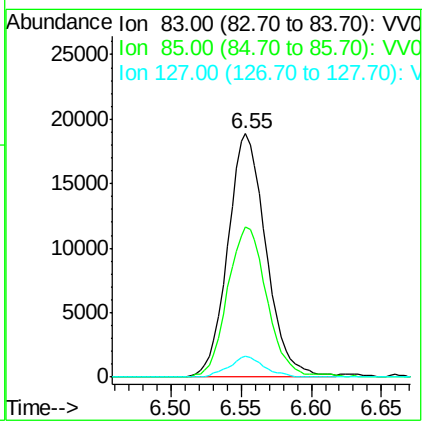


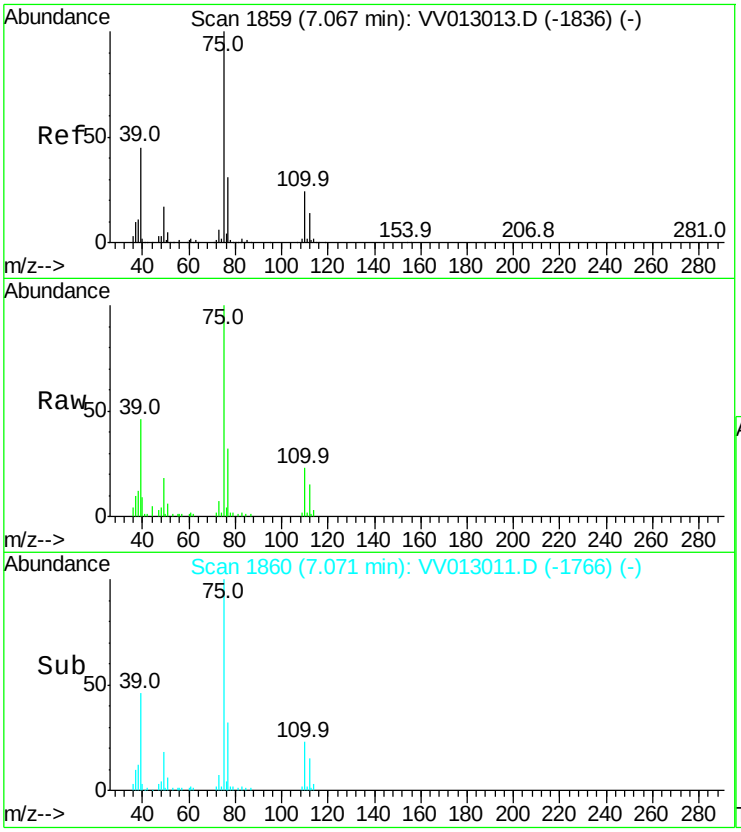


#38
Bromodichloromethane
Concen: 2.619 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 83 Resp: 35824

Ion	Ratio	Lower	Upper
83	100		
85	61.7	43.9	81.5
127	8.7	7.0	10.6



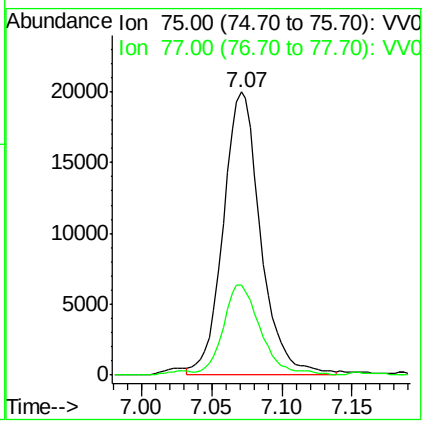


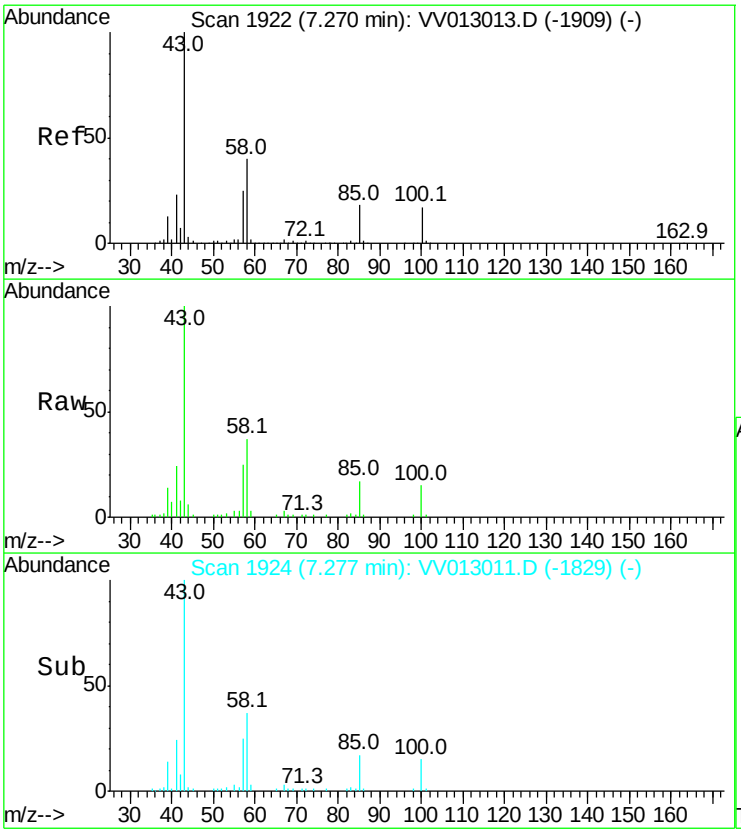
#39
cis-1,3-Dichloropropene
Concen: 2.337 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 75 Resp: 36870

Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.8	40.4

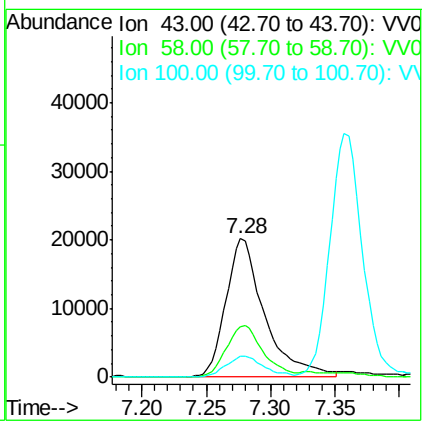


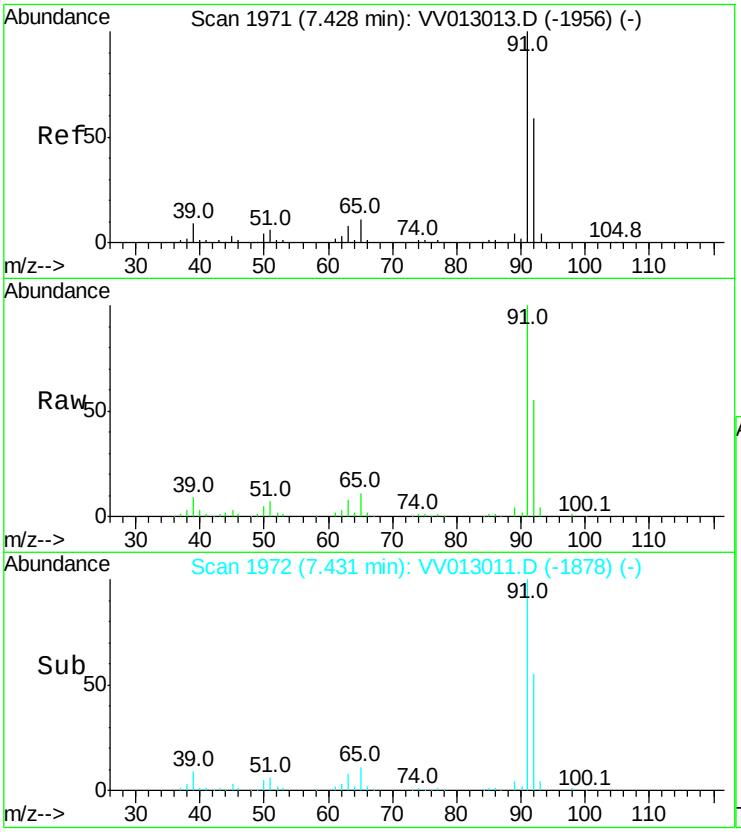


#40
4-Methyl-2-pentanone
Concen: 5.041 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.01 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 43 Resp: 42211

Ion	Ratio	Lower	Upper
43	100		
58	35.5	31.8	47.8
100	15.0	12.8	19.2



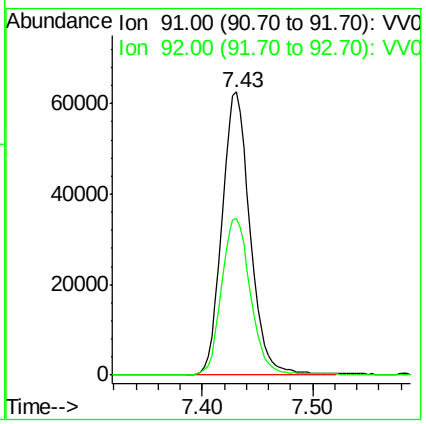


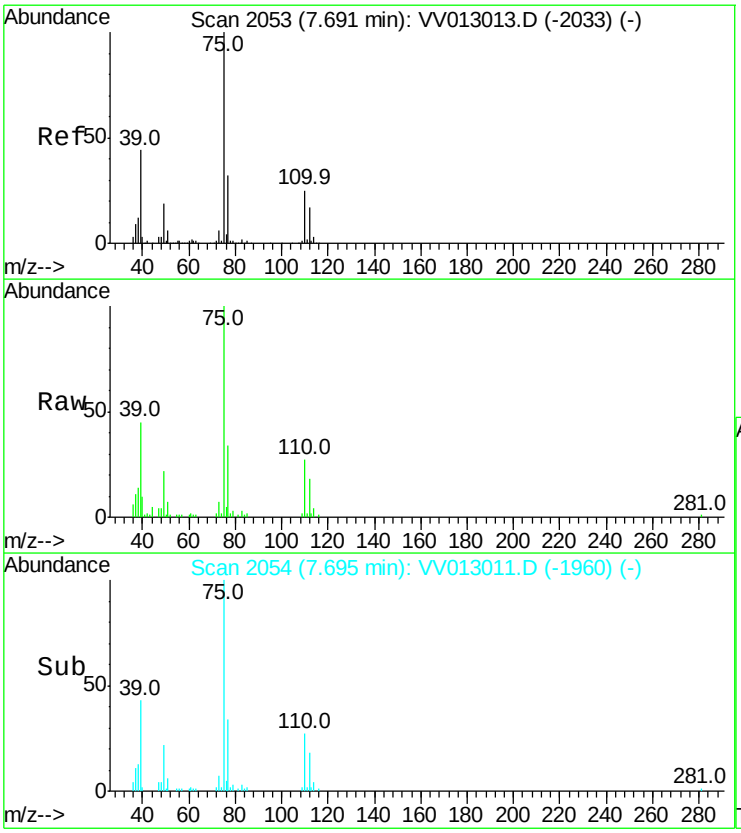
#42
Toluene
Concen: 2.548 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 91 Resp: 110641

Ion	Ratio	Lower	Upper
91	100		
92	55.2	41.1	76.3

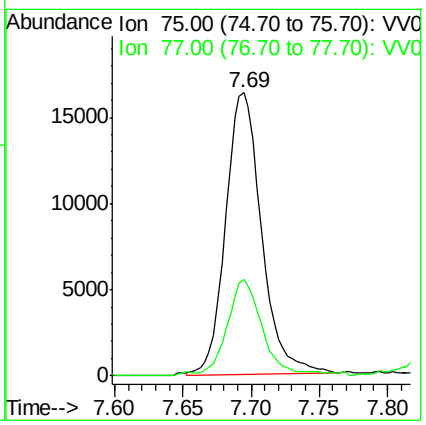


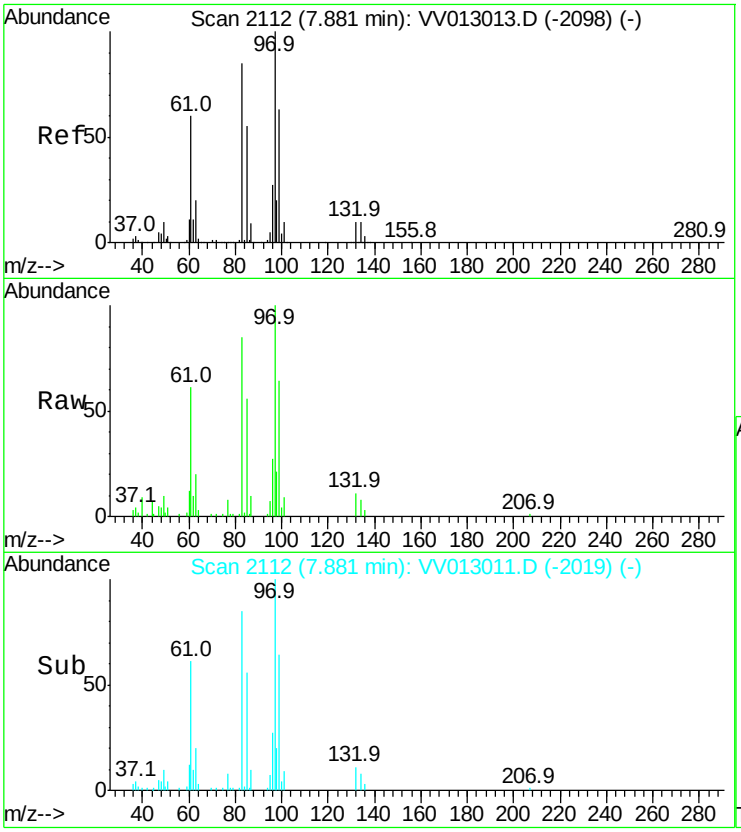


#44
trans-1,3-Dichloropropene
Concen: 2.316 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 75 Resp: 29995

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.1	41.1



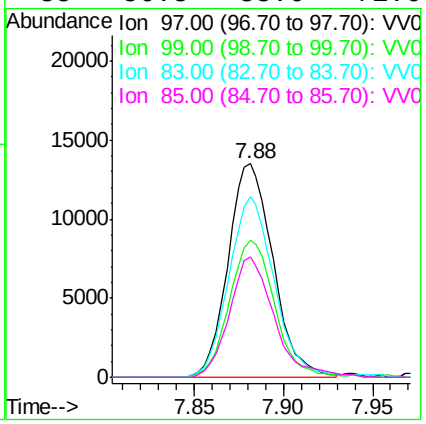


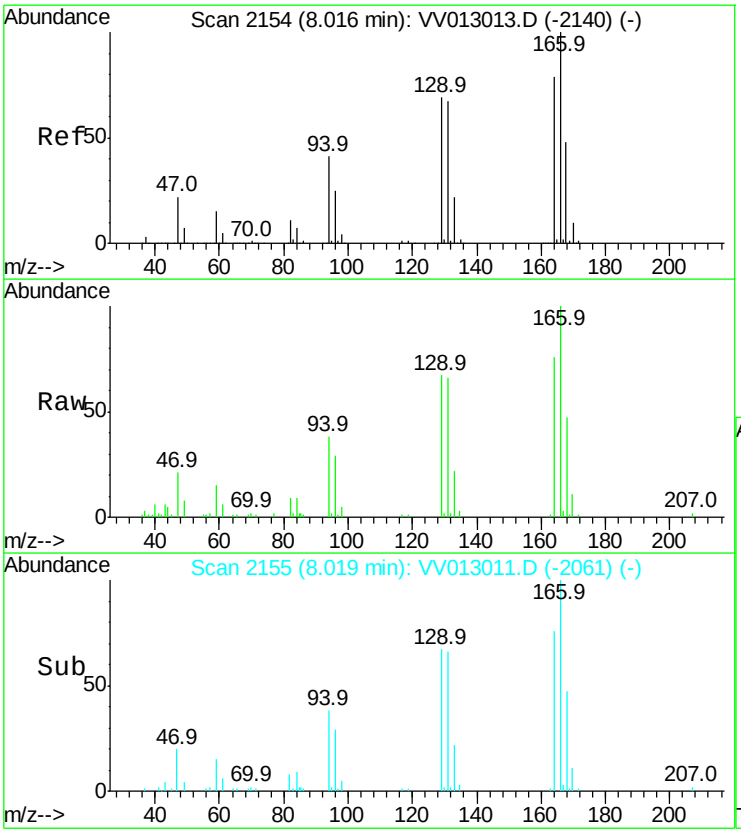
#45
1,1,2-Trichloroethane
Concen: 2.657 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 97 Resp: 23612

Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.2	82.2
83	84.7	59.7	110.9
85	56.3	38.6	71.6

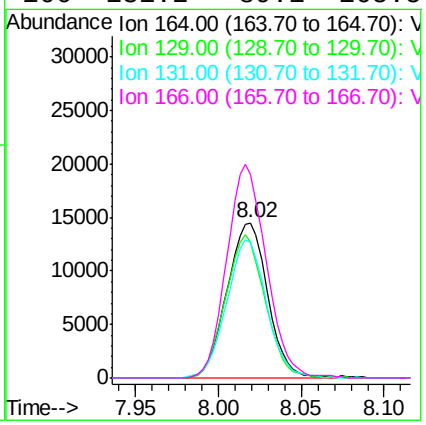


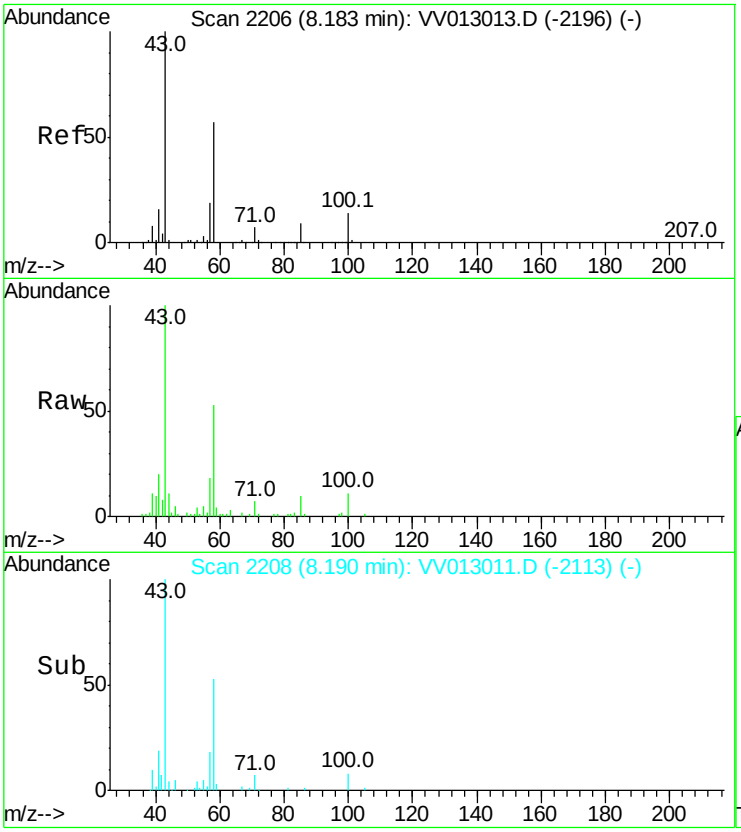


#46
Tetrachloroethene
Concen: 2.705 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:164 Resp: 24756

Ion	Ratio	Lower	Upper
164	100		
129	87.6	61.2	113.6
131	87.1	59.9	111.3
166	131.2	89.1	165.5



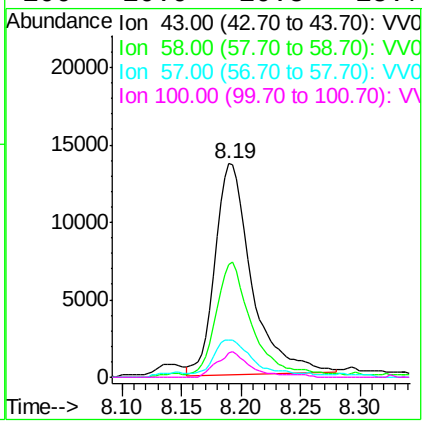


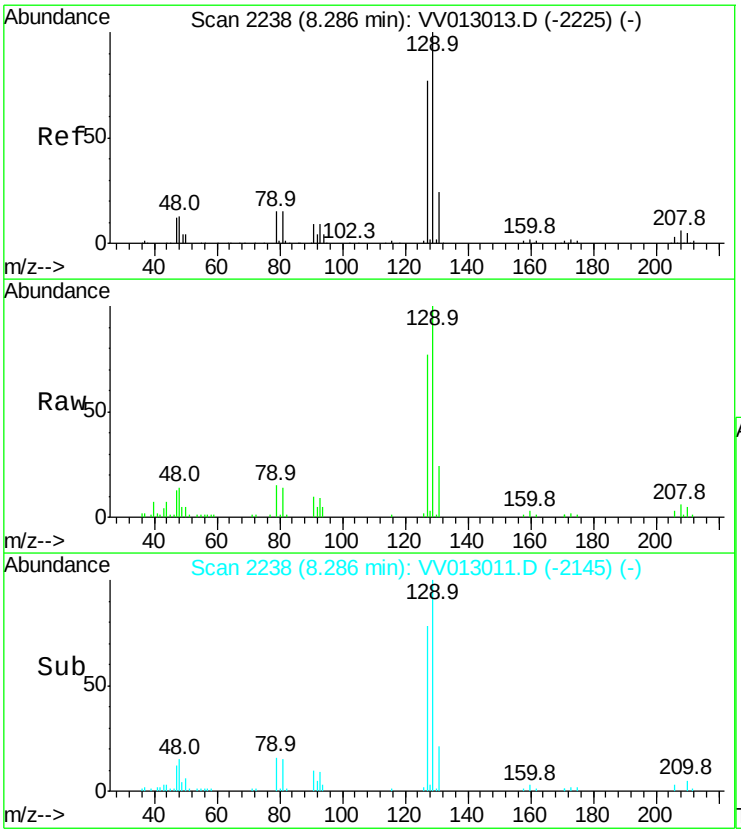
#48
2-Hexanone
Concen: 4.774 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 43 Resp: 29109

Ion	Ratio	Lower	Upper
43	100		
58	49.6	44.9	67.3
57	15.7	15.2	22.8
100	10.9	10.5	15.7

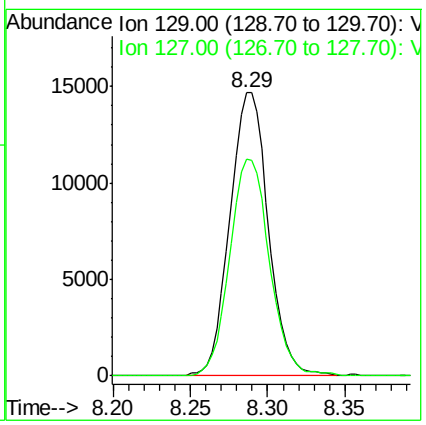


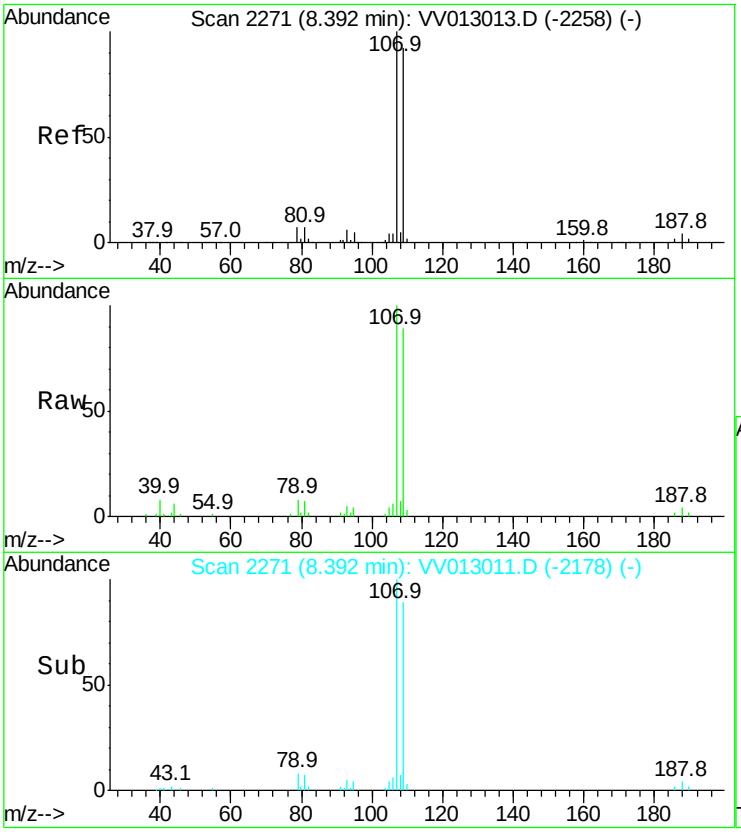


#49
Dibromochloromethane
Concen: 2.503 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:129 Resp: 25363

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.9	100.1



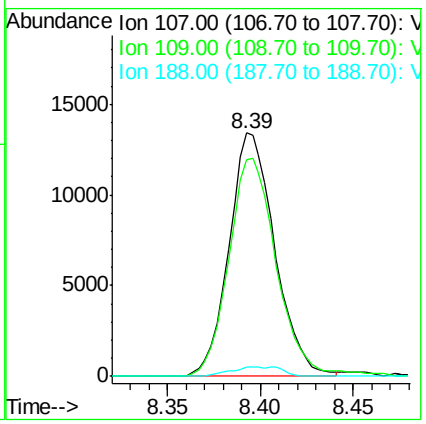


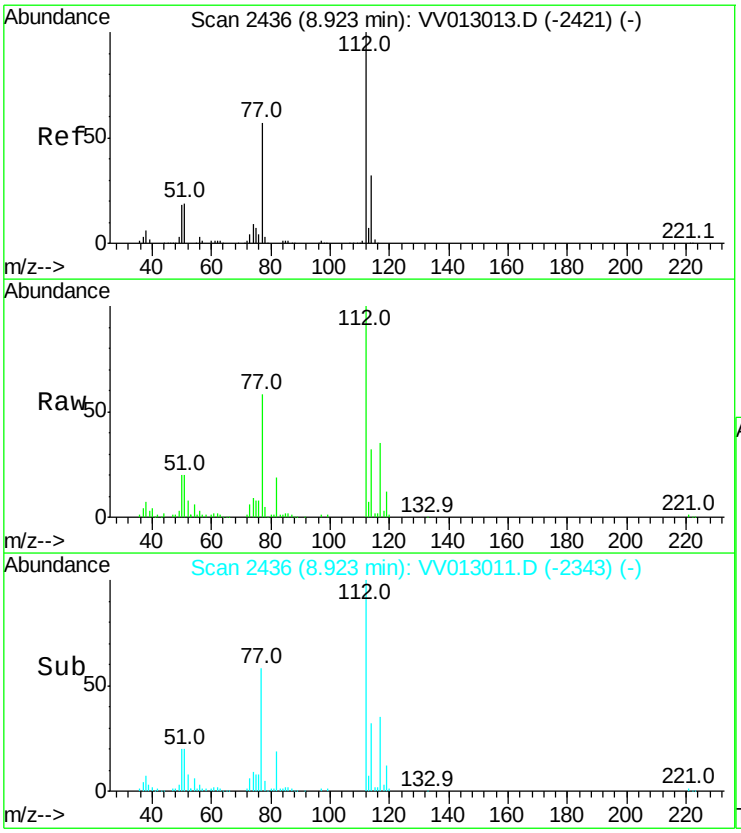
#50
1,2-Dibromoethane
Concen: 2.615 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:107 Resp: 22926

Ion	Ratio	Lower	Upper
107	100		
109	89.0	64.7	120.1
188	3.7	3.7	5.5

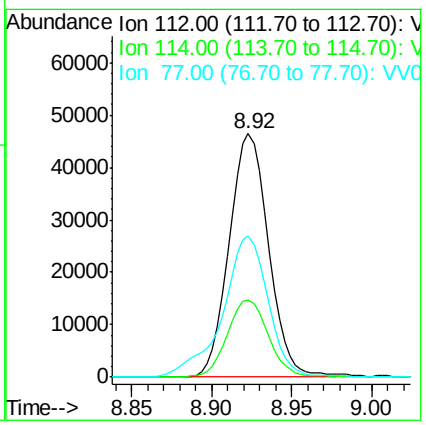


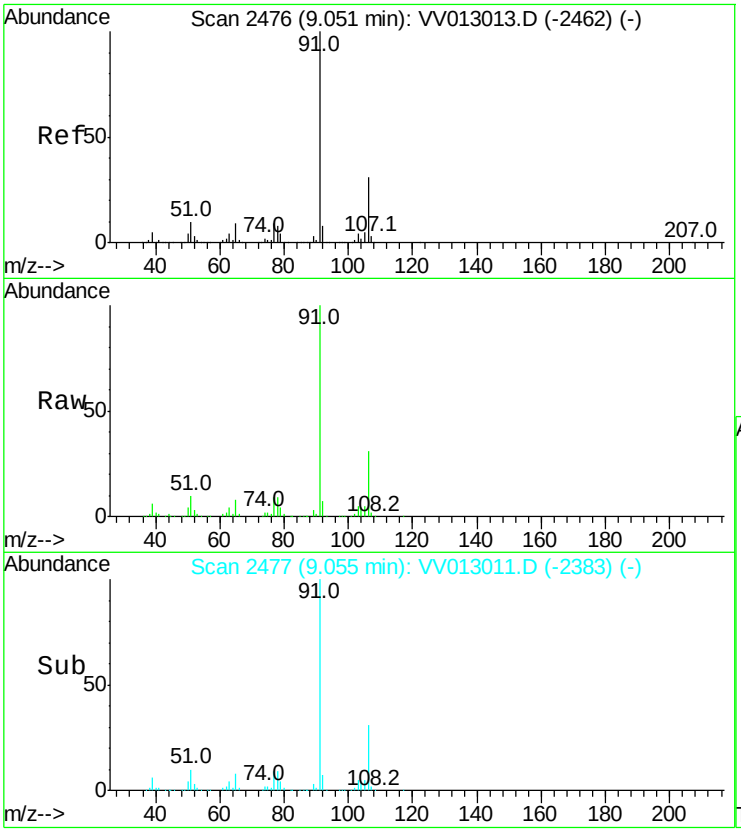


#51
Chlorobenzene
Concen: 2.647 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:112 Resp: 77967

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	57.8	45.9	68.9



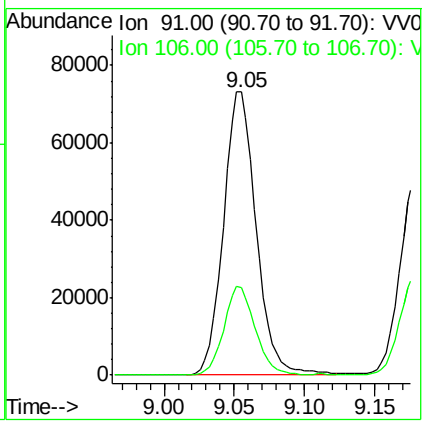


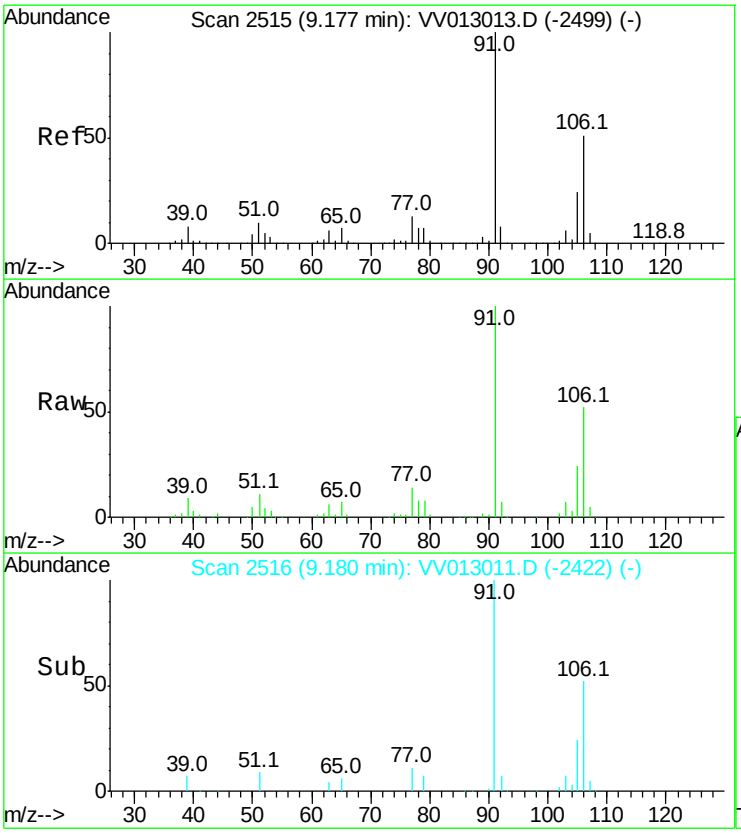
#52
Ethylbenzene
Concen: 2.493 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion: 91 Resp: 118949

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.8	40.4

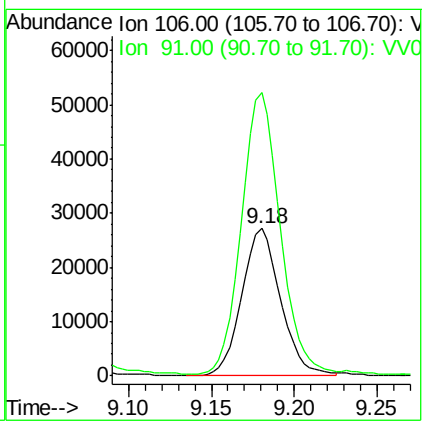


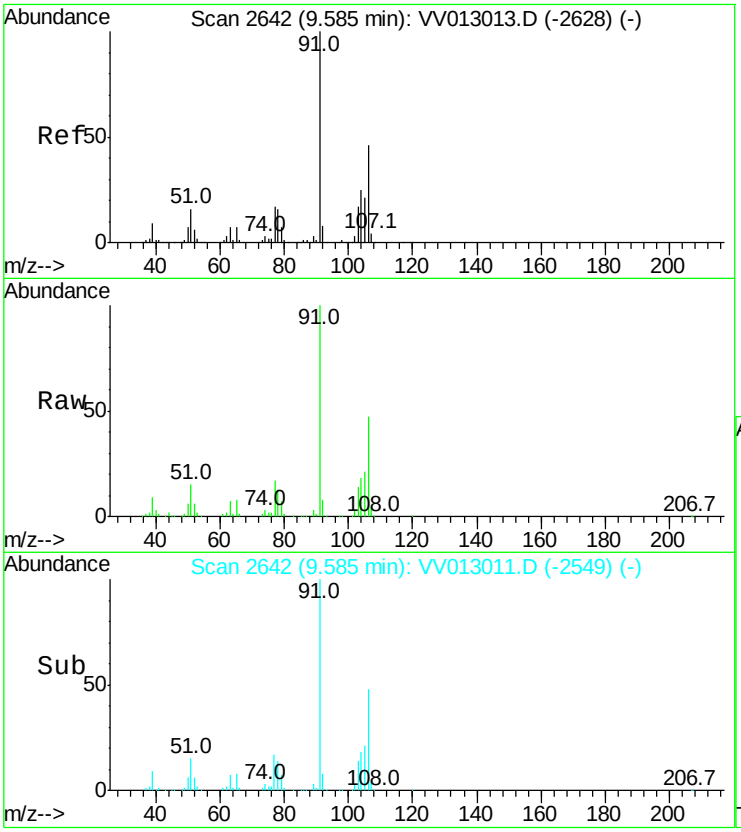


#53
m,p-Xylene
Concen: 2.395 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:106 Resp: 43686

Ion	Ratio	Lower	Upper
106	100		
91	192.4	138.0	256.2



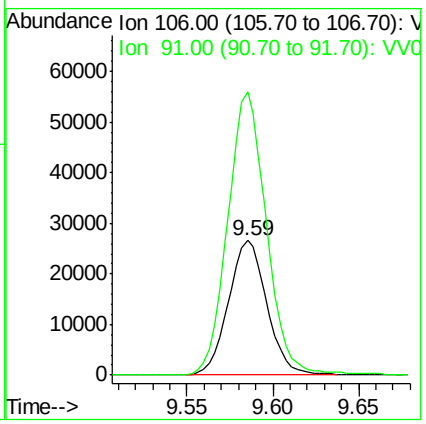


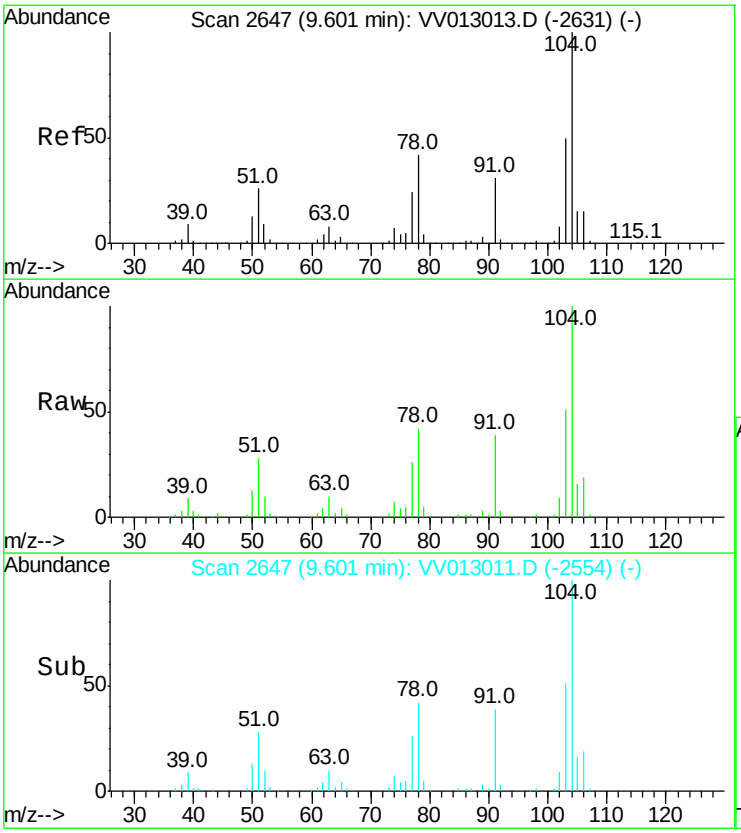
#54
o-Xylene
Concen: 2.364 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:106 Resp: 41240

Ion	Ratio	Lower	Upper
106	100		
91	210.8	150.8	280.1

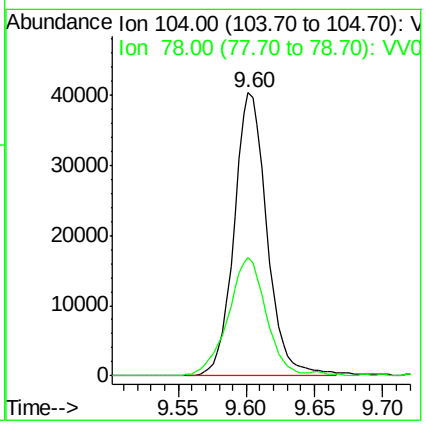


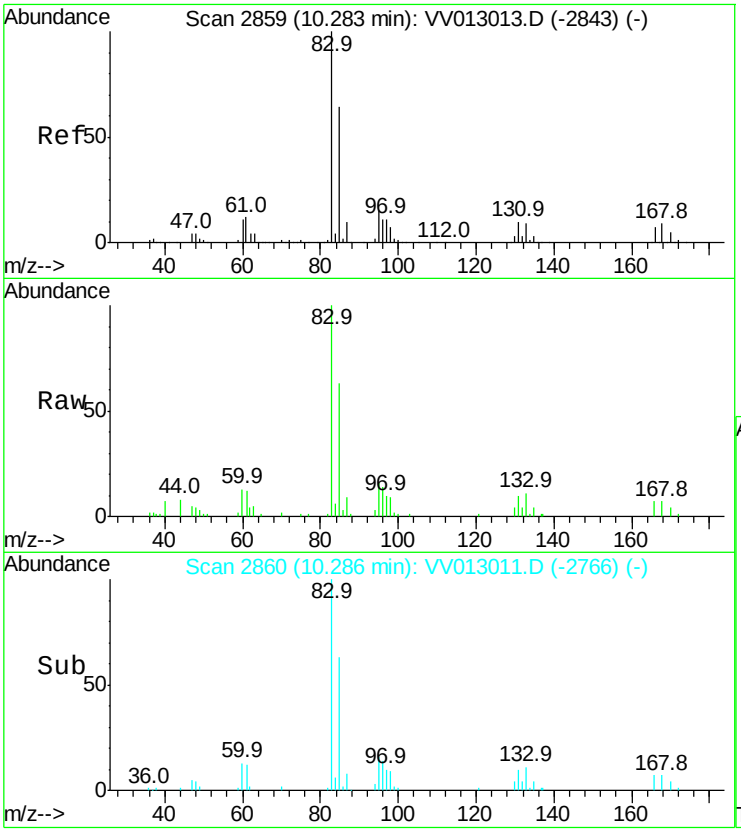


#55
Styrene
Concen: 2.208 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:104 Resp: 67458

Ion	Ratio	Lower	Upper
104	100		
78	41.6	29.8	55.3



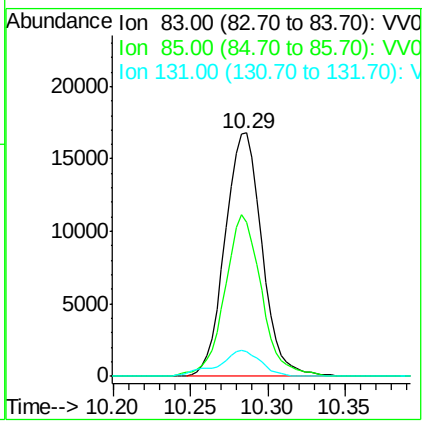


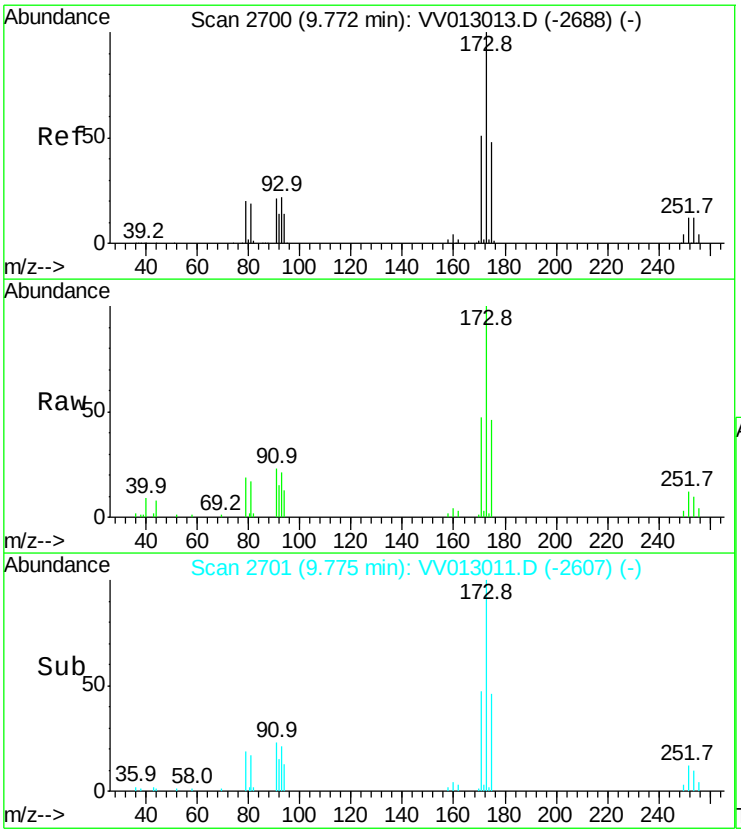
#57
1,1,2,2-Tetrachloroethane
Concen: 2.570 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion: 83 Resp: 27850

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.5	82.7
131	10.2	8.2	12.2

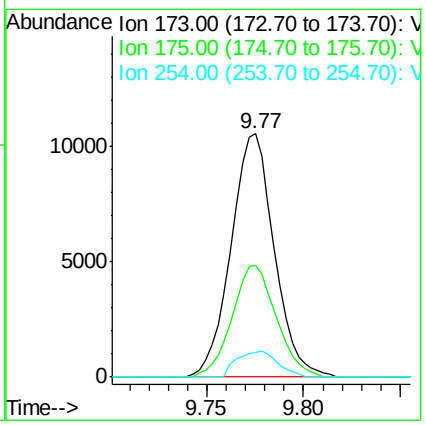


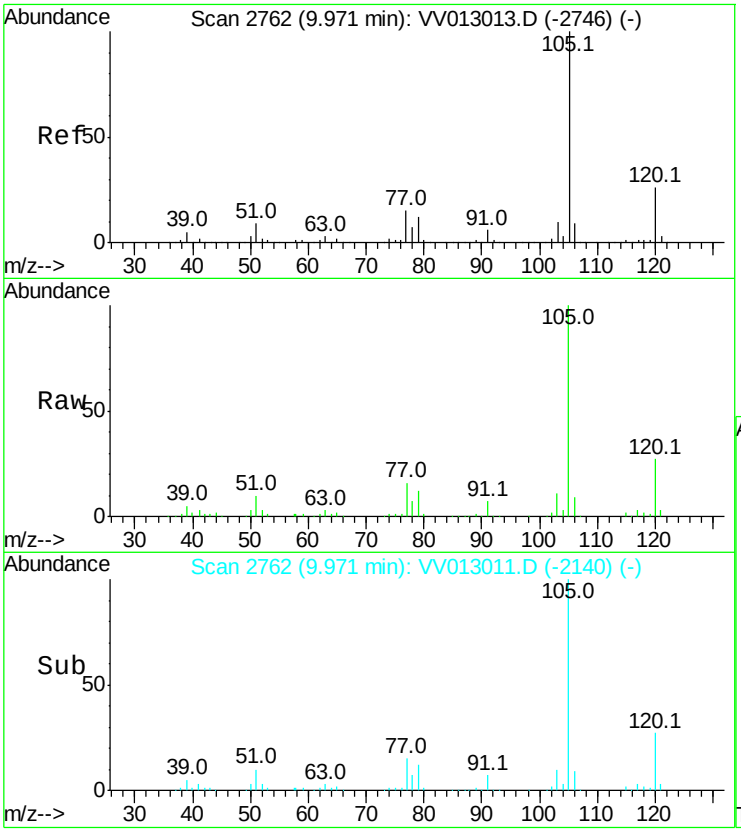


#59
Bromoform
Concen: 2.557 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:173 Resp: 16340

Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.9	58.3
254	10.1	9.4	14.0



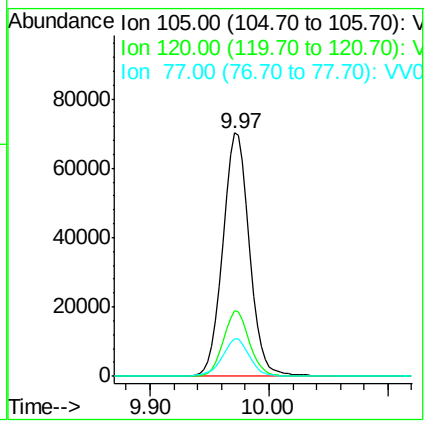


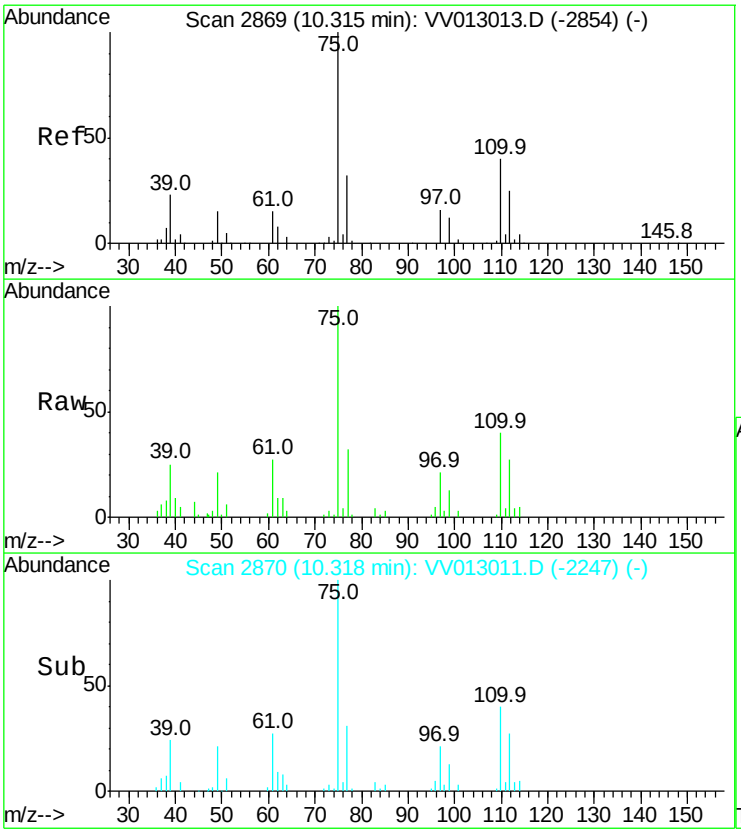
#60
Isopropylbenzene
Concen: 2.418 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion:105 Resp: 108743

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	15.7	12.3	18.5

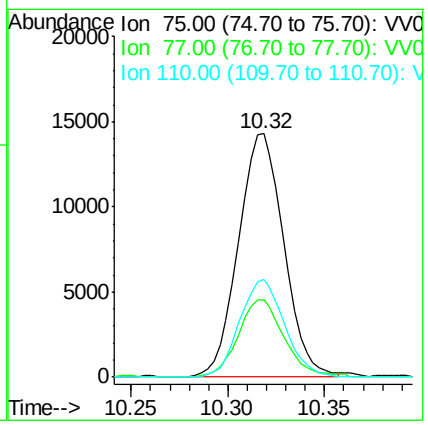


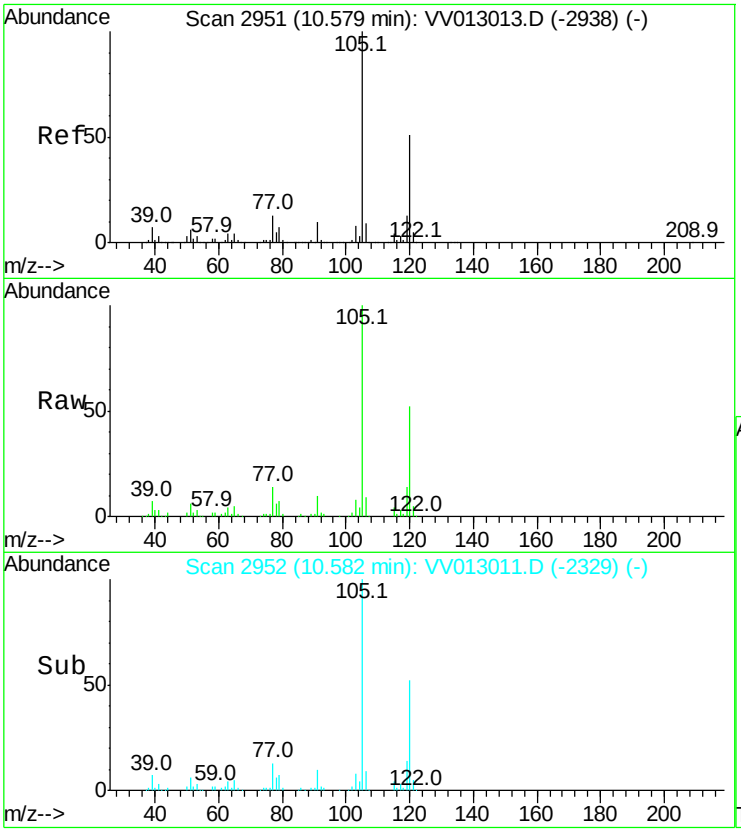


#61
1,2,3-Trichloropropane
Concen: 2.753 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 75 Resp: 23380

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2
110	39.5	31.7	47.5



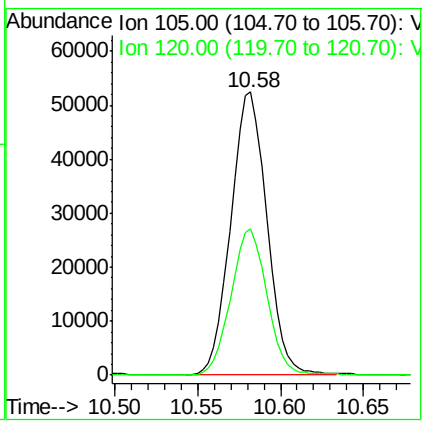


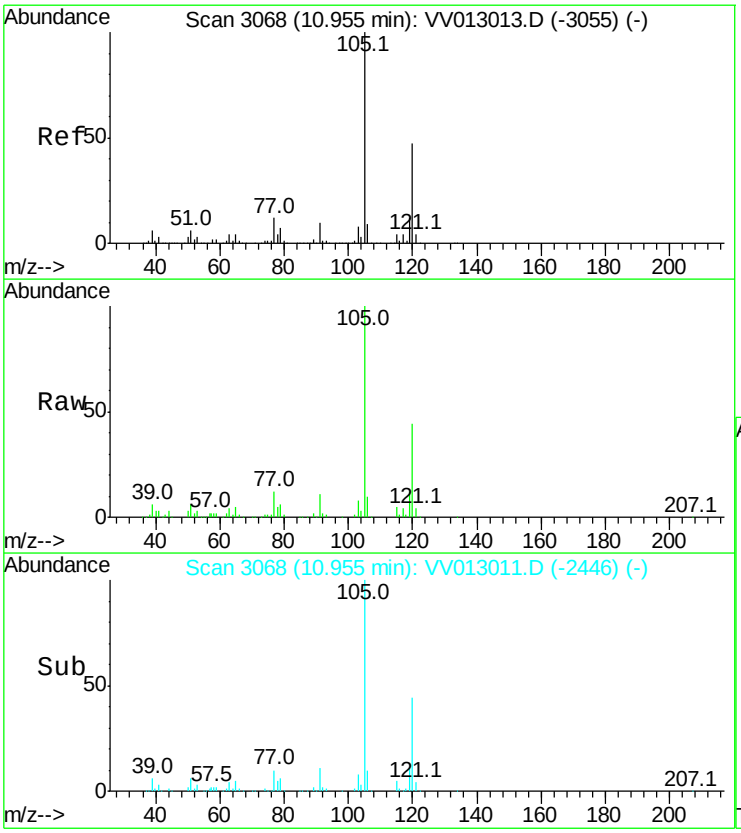
#62
1,3,5-Trimethylbenzene
Concen: 2.195 ug/L
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:105 Resp: 79515

Ion	Ratio	Lower	Upper
105	100		
120	51.3	40.6	61.0

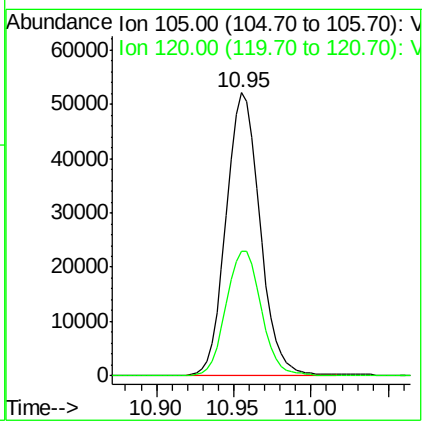


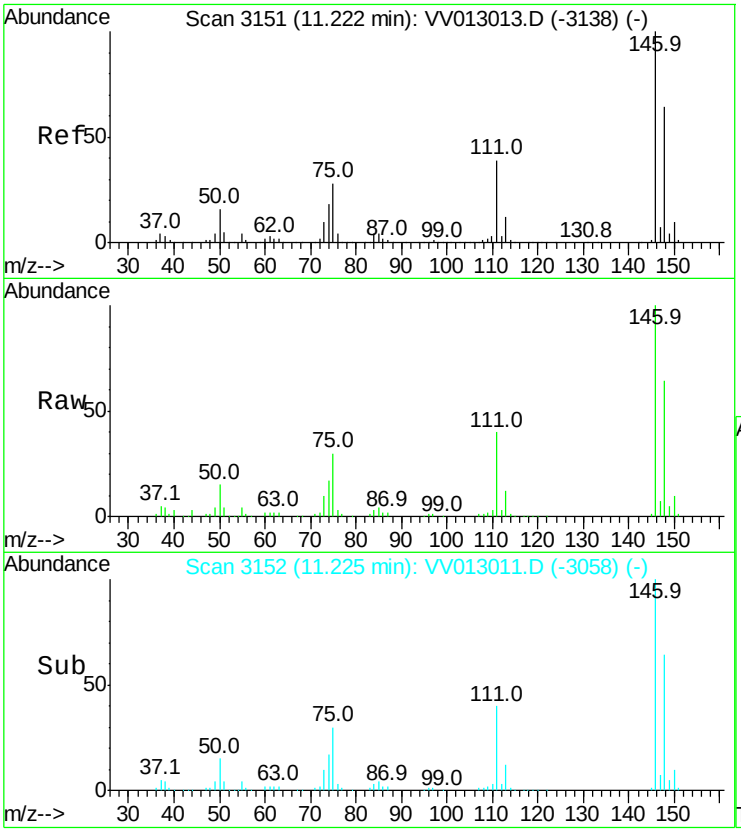


#63
1,2,4-Trimethylbenzene
Concen: 2.183 ug/L
RT: 10.95 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:105 Resp: 79421

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.1	55.7



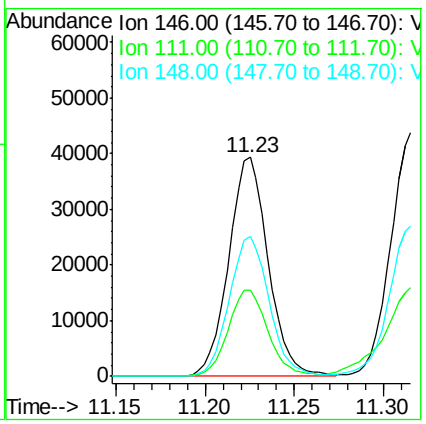


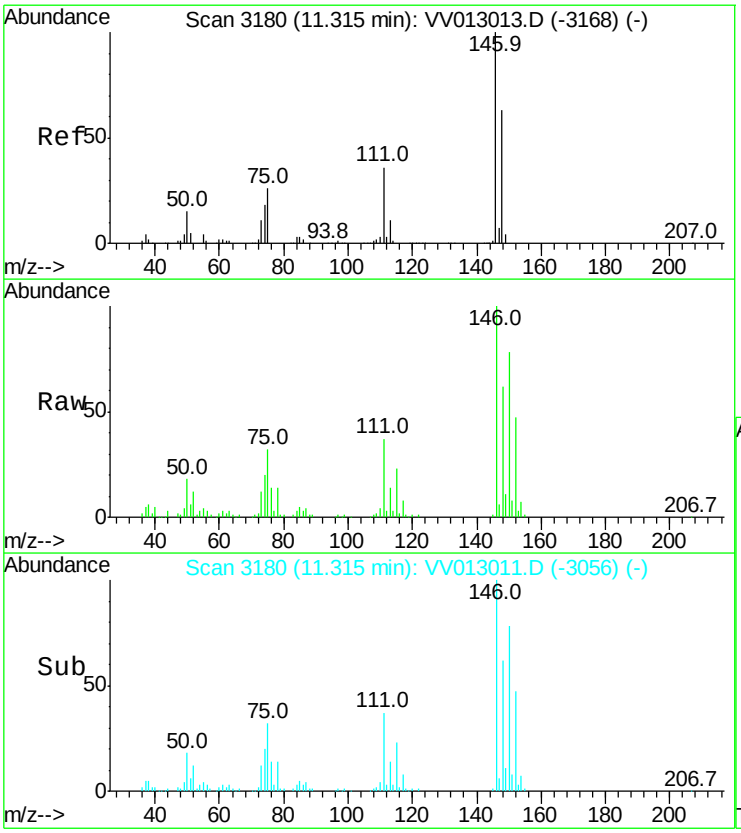
#64
1,3-Dichlorobenzene
Concen: 2.571 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:146 Resp: 60675

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.0	50.2
148	63.8	44.7	83.1

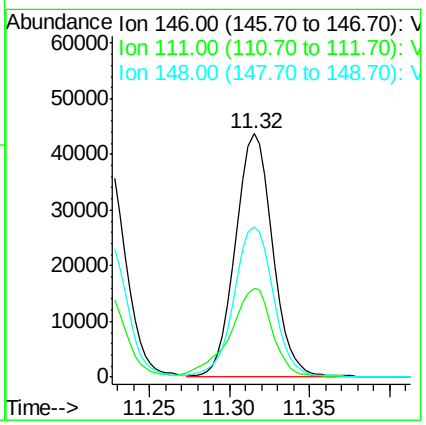


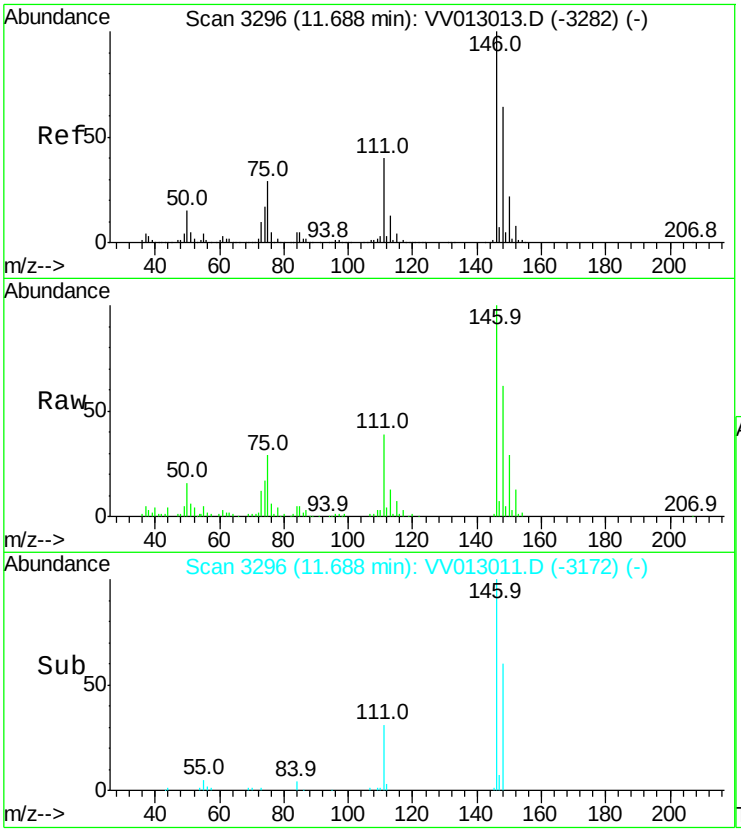


#65
1,4-Dichlorobenzene
Concen: 2.797 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:146 Resp: 69317

Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.4	47.2
148	61.9	44.2	82.2



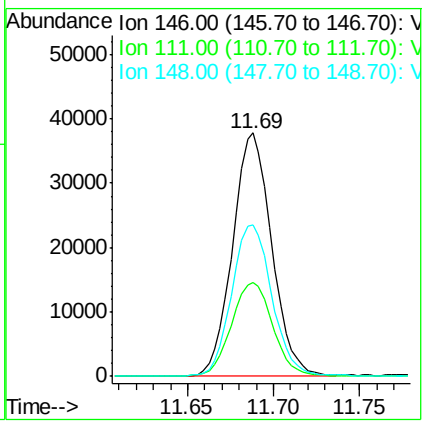


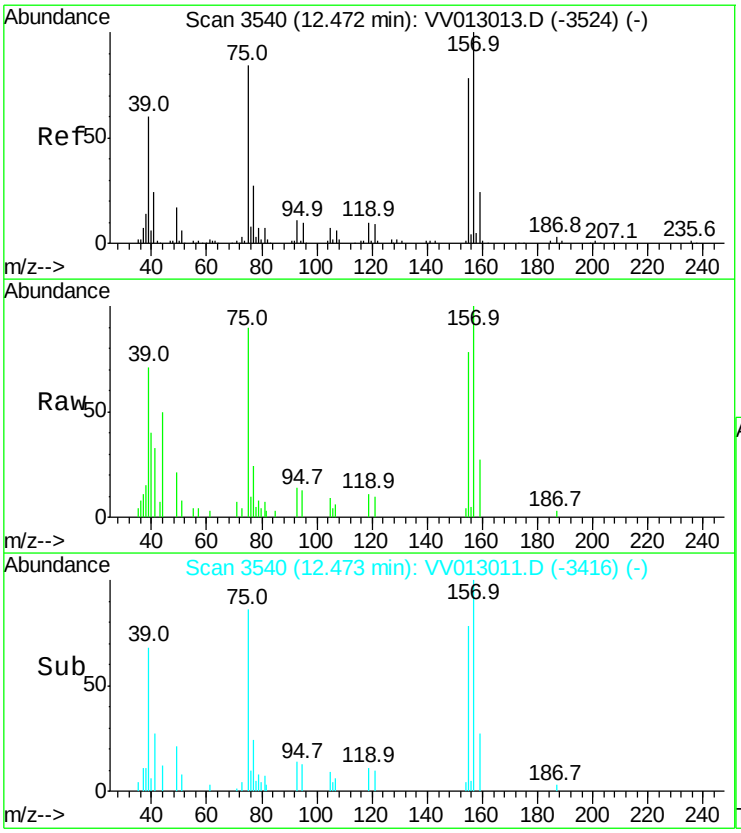
#67
1,2-Dichlorobenzene
Concen: 2.654 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:146 Resp: 59808

Ion	Ratio	Lower	Upper
146	100		
111	38.7	32.0	48.0
148	62.2	50.8	76.2

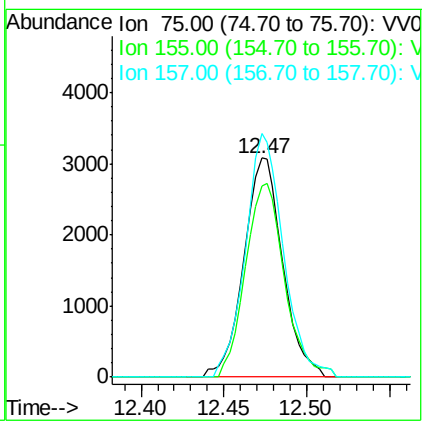


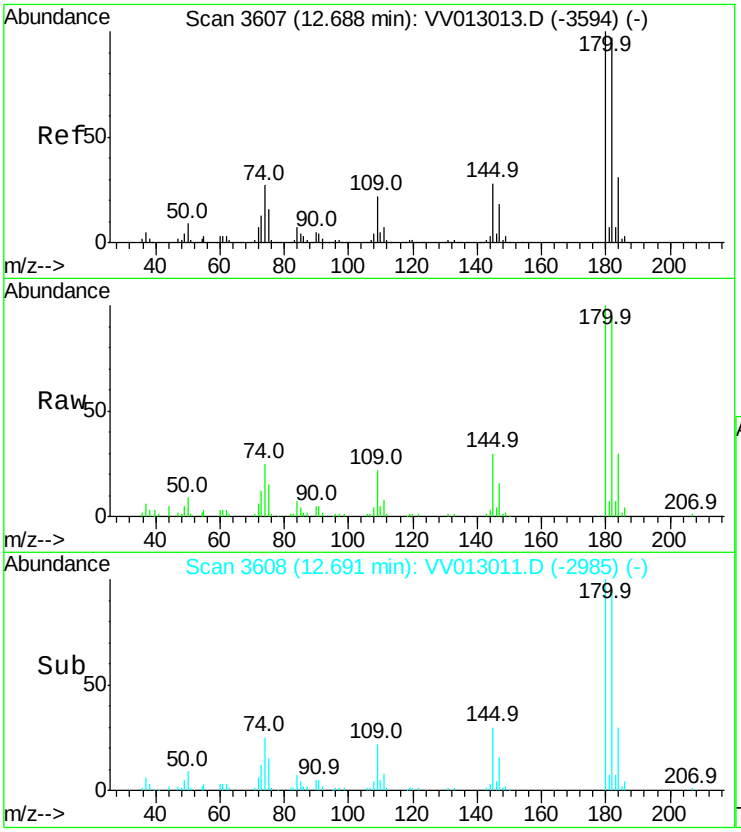


#68
1,2-Dibromo-3-chloropropane
Concen: 2.726 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion: 75 Resp: 5021

Ion	Ratio	Lower	Upper
75	100		
155	87.2	74.4	111.6
157	111.1	95.8	143.6



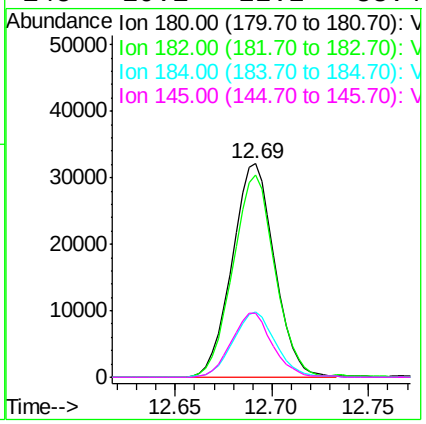


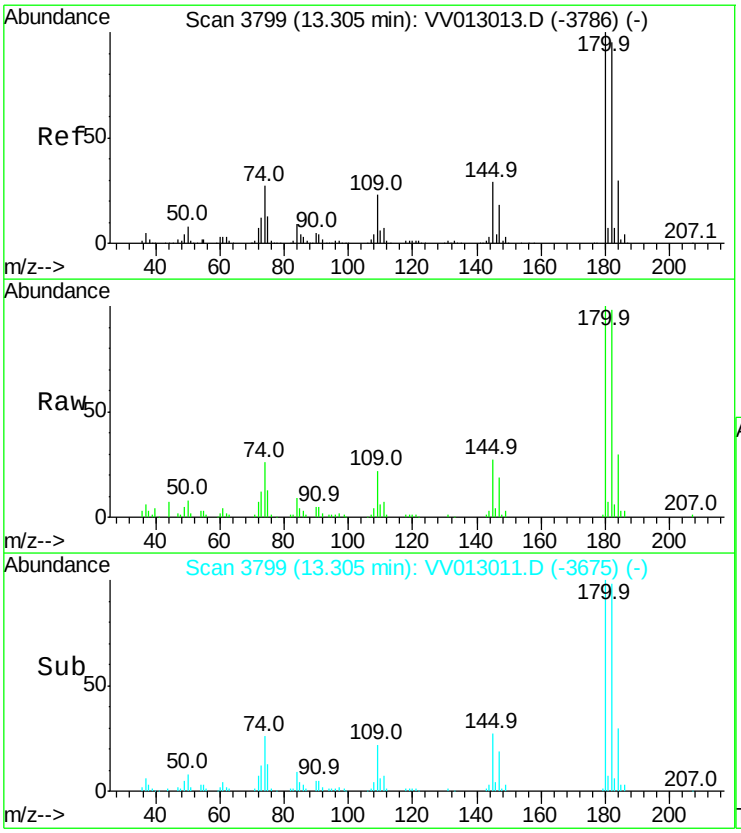
#69
1,3,5-Trichlorobenzene
Concen: 2.584 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.562

Tgt Ion:180 Resp: 49106

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.6	115.0
184	30.5	24.6	37.0
145	29.1	22.2	33.4

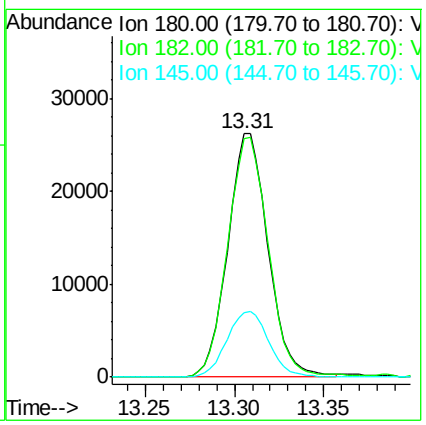


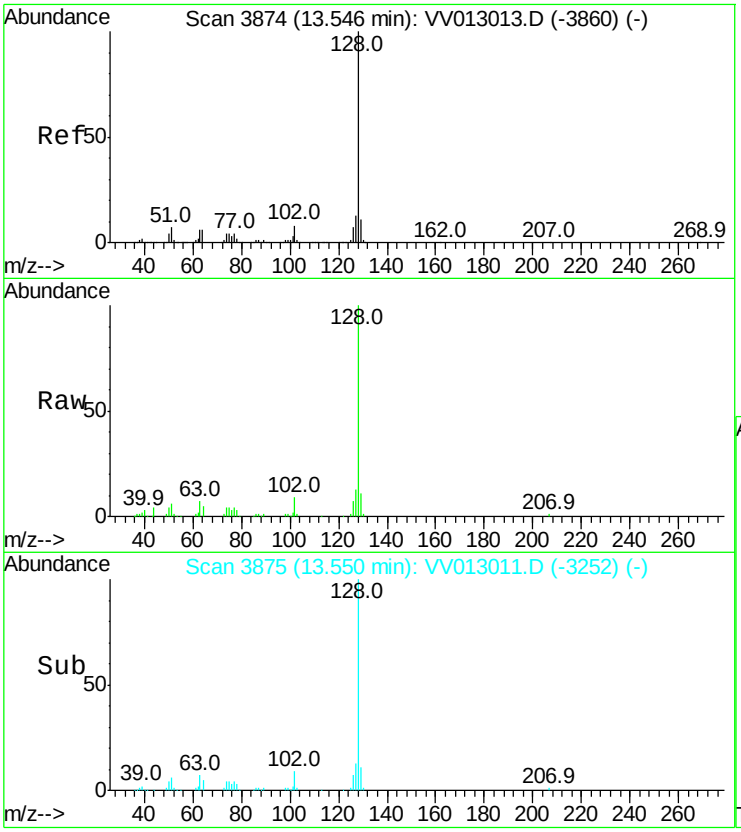


#70
1,2,4-trichlorobenzene
Concen: 2.502 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:180 Resp: 41113

Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.0	114.0
145	27.9	22.5	33.7



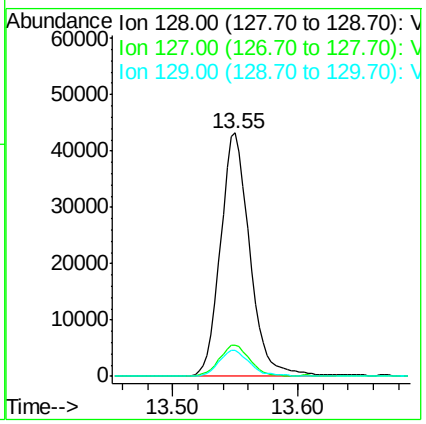


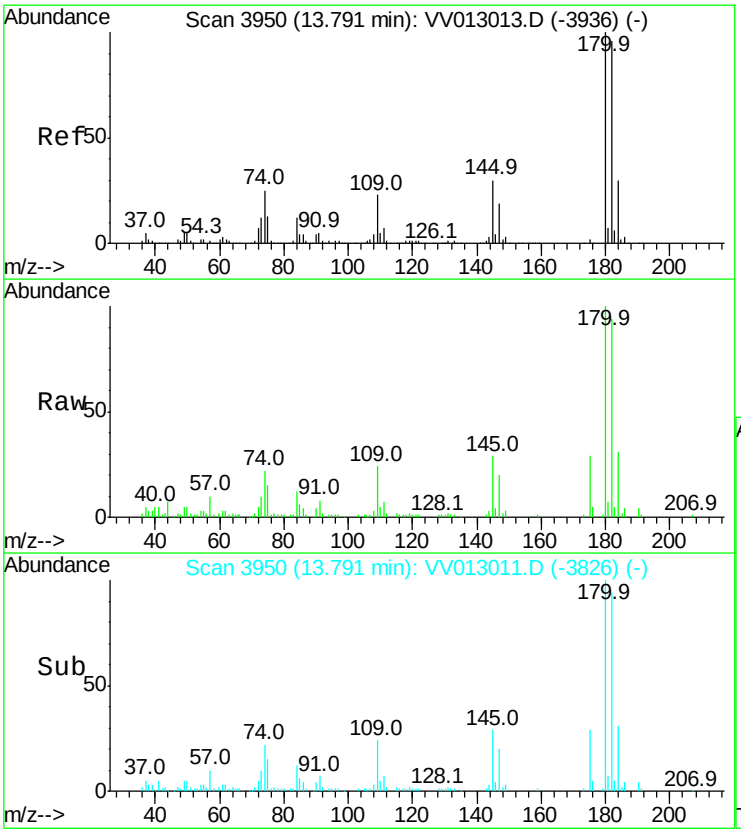
#71
Naphthalene
Concen: 2.197 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : VSTD2.562

Tgt Ion:128 Resp: 70336

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.1	8.6	12.8





#72
1,2,3-Trichlorobenzene
Concen: 2.551 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013011.D
Acq: 30 Sep 2019 11:03

Tgt Ion:180 Resp: 40435

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	29.5	24.2	36.4