Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\

Quantitation Report (Not Reviewed)

Data File : VV013018.D
Acq On : 30 Sep 2019 15:51
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK67

Quant Time: Oct 01 05:20:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 15:00:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	821847	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	803155	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	416412	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	272072	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.56%			
7) Chloroethane-d5	1.58	69	221594	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.92%			
11) 1,1-Dichloroethene-d2	2.13	63	372473	18.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.60%			
21) 2-Butanone-d5	3.94	46	184350	44.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.82%			
24) Chloroform-d	4.40	84	492779	22.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.04%			
26) 1,2-Dichloroethane-d4	5.08	65	288291	22.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.56%			
32) Benzene-d6	5.09	84	1039860	23.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.88%			
36) 1,2-Dichloropropane-d6	6.11	67	325457	23.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.72%			
41) Toluene-d8	7.36	98	958097	23.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.72%			
43) trans-1,3-Dichloropropene-	7.66	79	131710	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.40%			
47) 2-Hexanone-d5	8.13	63	128019	43.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.44%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	284111	21.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.48%			
66) 1,2-Dichlorobenzene-d4	11.67	152	377220	23.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.96%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	13929	1.582	ug/L	99
3) Chloromethane	1.25	50	19906	1.776	ug/L	99
5) Vinyl chloride	1.32	62	22308	1.931	ug/L #	81
6) Bromomethane	1.53	94	13491	1.818	ug/L	99
8) Chloroethane	1.60	64	14033	1.922	ug/L	96
9) Trichlorofluoromethane	1.77	101	32060	2.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23174	2.311	ug/L	88
12) 1,1-Dichloroethene	2.14	96	21843	2.319	ug/L #	1
13) Acetone	2.20	43	20646	4.719	ug/L	96
14) Carbon disulfide	2.32	76	54810	1.896	ug/L	99
15) Methyl Acetate	2.46	43	11857	1.756	ug/L	99
16) Methylene chloride	2.53	84	38870	2.888	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	21986	1.980	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	52999	1.898	ug/L	98
19) 1,1-Dichloroethane	3.23	63	41466	2.035	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	23937	1.938	ug/L	90
23) Bromochloromethane	4.30	128	11444	1.890	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\

Quantitation Report (Not Reviewed)

Data File : VV013018.D
Acq On : 30 Sep 2019 15:51
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK67

Quant Time: Oct 01 05:20:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 15:00:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.42	83	48695	2.292	ug/L		98
27) 1,2-Dichloroethane	5.18	62	29647	2.030	ug/L		99
29) Cyclohexane	4.72	56	34299	1.940	ug/L		95
30) 1,1,1-Trichloroethane	4.65	97	32699	1.993	ug/L		98
31) Carbon tetrachloride	4.87	117	29375	1.989	ug/L		99
33) Benzene	5.14	78	94456	2.057	ug/L		100
34) Trichloroethene	5.96	95	25593	2.057	ug/L		94
35) Methylcyclohexane	6.17	83	36329	1.861	ug/L		98
37) 1,2-Dichloropropane	6.22	63	23970	2.034	ug/L	#	97
38) Bromodichloromethane	6.55	83	30249	1.967	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	33167	1.870	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	35464	3.766	ug/L		98
42) Toluene	7.43	91	102984	2.109	ug/L		96
44) trans-1,3-Dichloropropene	7.69	75	33731	2.316	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	19985	2.000	ug/L		97
46) Tetrachloroethene	8.02	164	21556	2.094	ug/L		96
48) 2-Hexanone	8.19	43	26866	3.919	ug/L	#	94
49) Dibromochloromethane	8.29	129	21803	1.913	ug/L		100
50) 1,2-Dibromoethane	8.39	107	18134	1.839	ug/L		90
51) Chlorobenzene	8.92	112	66619	2.011	ug/L		97
52) Ethylbenzene	9.05	91	101202	1.886	ug/L		97
53) m,p-Xylene	9.18	106	37397	1.824	ug/L		92
54) o-Xylene	9.59	106	35140	1.791	ug/L		91
55) Styrene	9.60	104	57236	1.666	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.28	83	24720	2.028	ug/L		98
59) Bromoform	9.77	173	13180	1.848	ug/L		97
60) Isopropylbenzene	9.97	105	89838	1.790	ug/L		99
61) 1,2,3-Trichloropropane	10.32	75	19288	2.035	ug/L		97
62) 1,3,5-Trimethylbenzene	10.58	105	68310	1.689	ug/L		100
63) 1,2,4-Trimethylbenzene	10.95	105	67127	1.653	ug/L		100
64) 1,3-Dichlorobenzene	11.22	146	53054	2.014	ug/L		99
65) 1,4-Dichlorobenzene	11.31	146	57903	2.093	ug/L		100
67) 1,2-Dichlorobenzene	11.68	146	52570	2.090	ug/L		94
68) 1,2-Dibromo-3-chloropropan	12.47	75	3760	1.829	ug/L		96
69) 1,3,5-Trichlorobenzene	12.69	180	43035	2.029	ug/L		100
70) 1,2,4-trichlorobenzene	13.31	180	34489	1.881	ug/L		99
71) Naphthalene	13.55	128	57218	1.602	ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	34463	1.948	ug/L		97

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

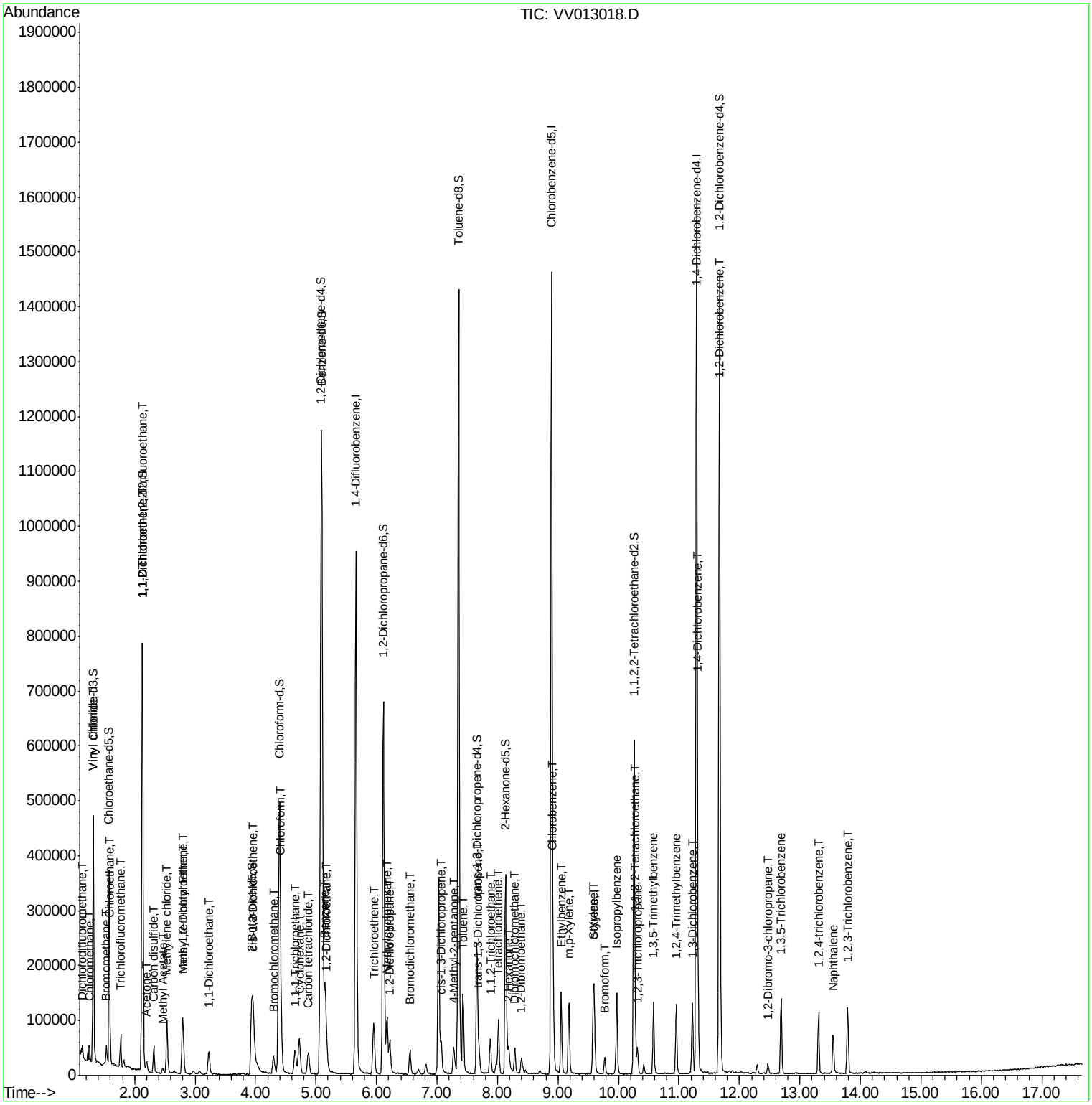
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093019\

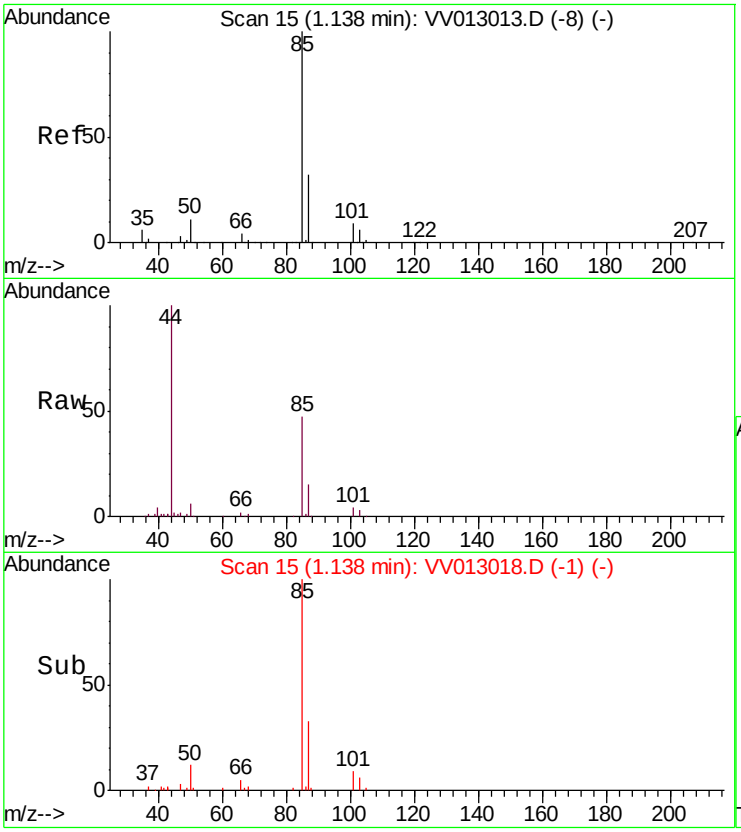
Quantitation Report (Not Reviewed)

Data File : VV013018.D
Acq On : 30 Sep 2019 15:51
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: Oct 01 05:20:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 15:00:00 2019
Response via : Initial Calibration



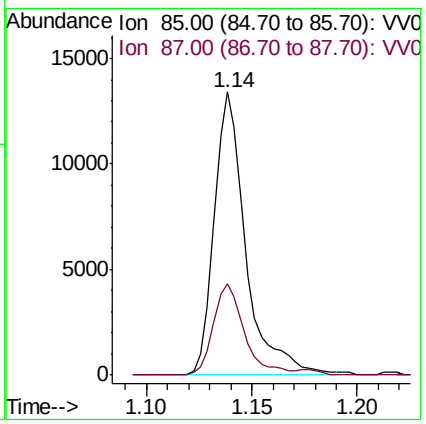


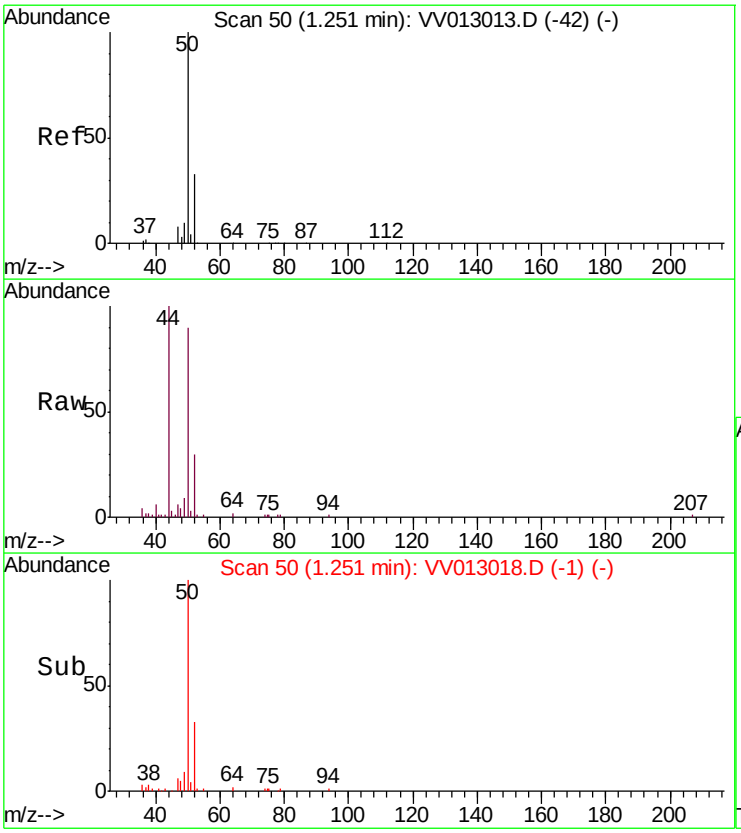
#2
Dichlorodifluoromethane
Concen: 1.582 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 85 Resp: 13929

Ion	Ratio	Lower	Upper
85	100		
87	31.7	25.7	38.5

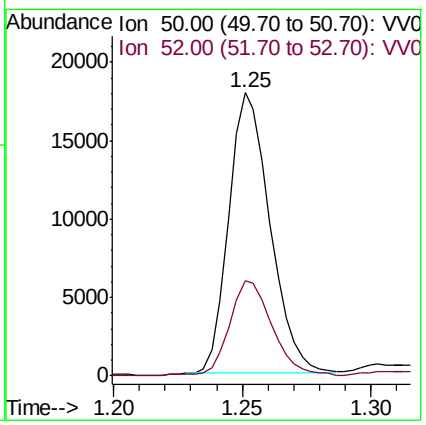


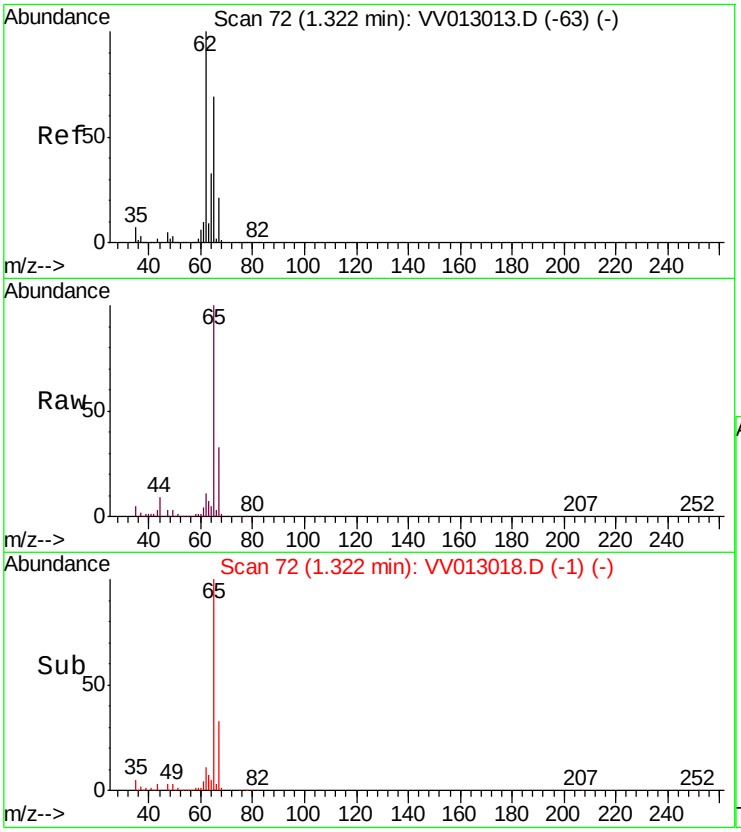


#3
Chloromethane
Concen: 1.776 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 50 Resp: 19906

Ion	Ratio	Lower	Upper
50	100		
52	33.5	23.1	42.9



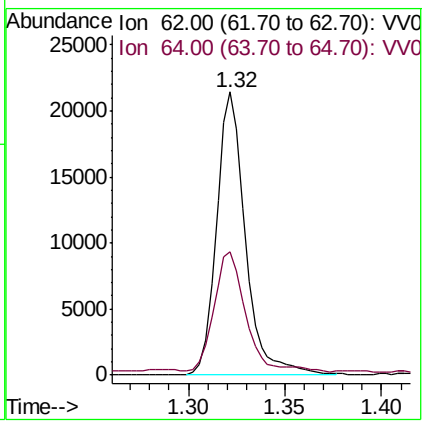


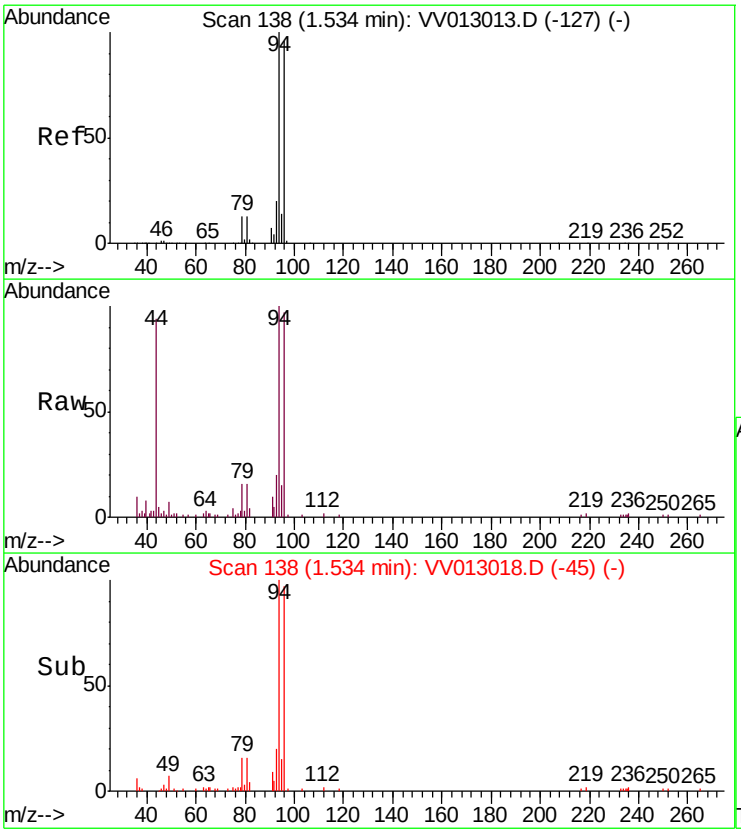
#5
Vinyl chloride
Concen: 1.931 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 62 Resp: 22308

Ion	Ratio	Lower	Upper
62	100		
64	43.7	23.1	42.9#

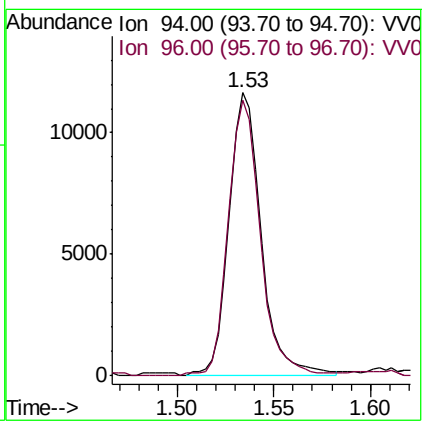


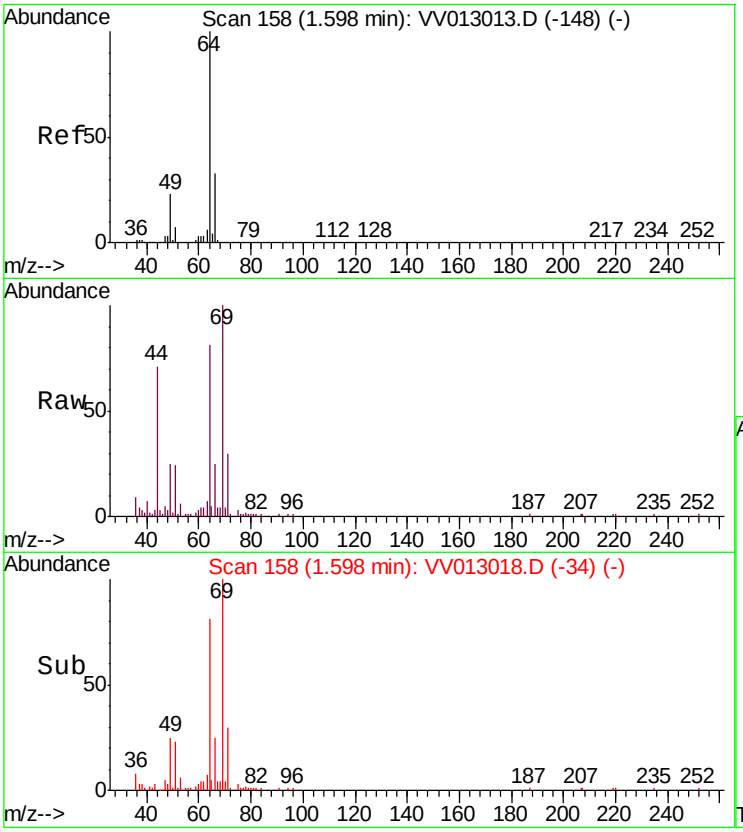


#6
Bromomethane
Concen: 1.818 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 94 Resp: 13491

Ion	Ratio	Lower	Upper
94	100		
96	97.2	67.4	125.2



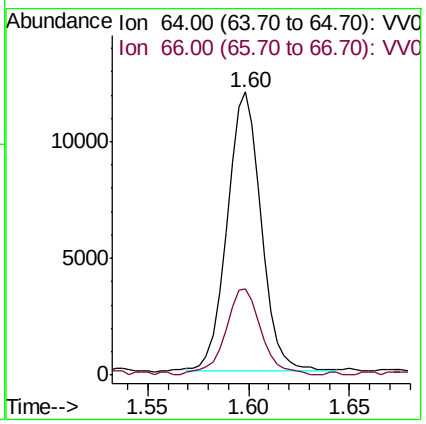


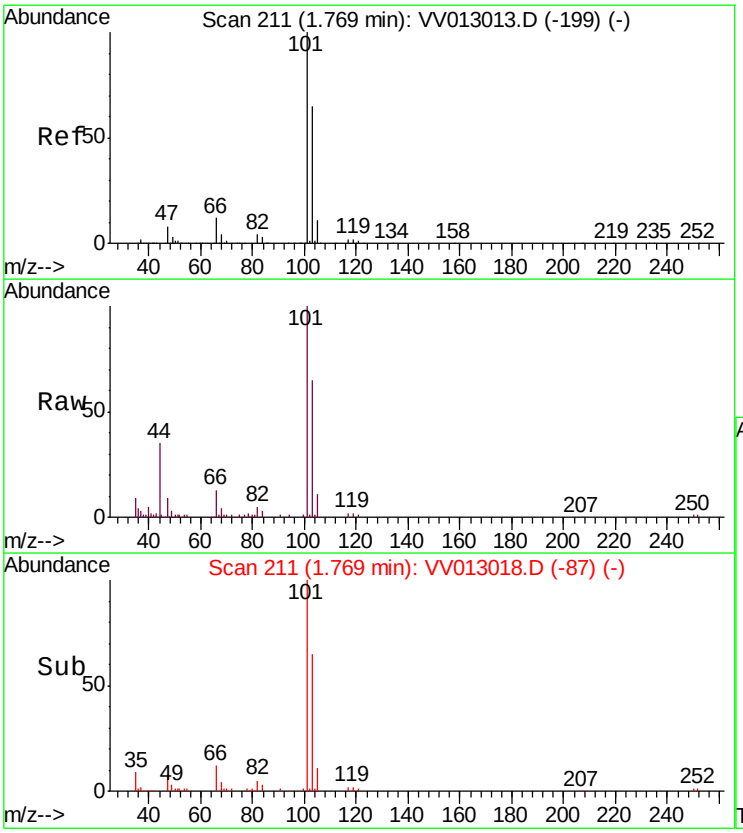
#8
Chloroethane
Concen: 1.922 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 64 Resp: 14033

Ion	Ratio	Lower	Upper
64	100		
66	30.5	22.8	42.4

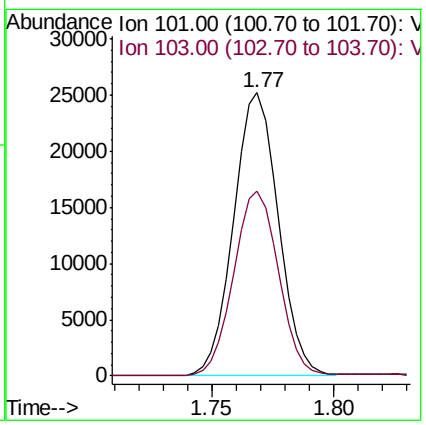


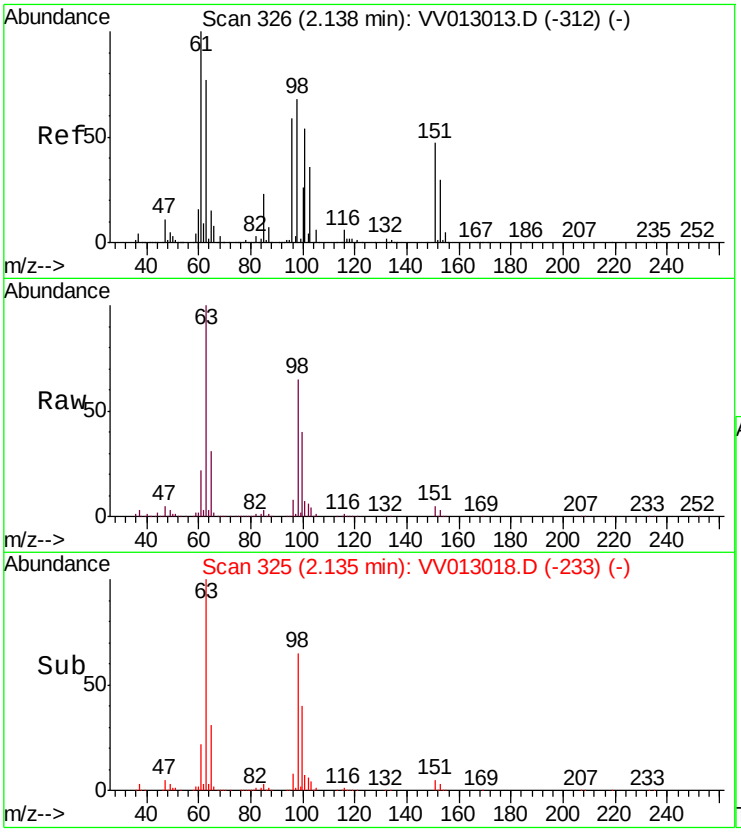


#9
Trichlorofluoromethane
Concen: 2.049 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:101 Resp: 32060

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.2	78.2



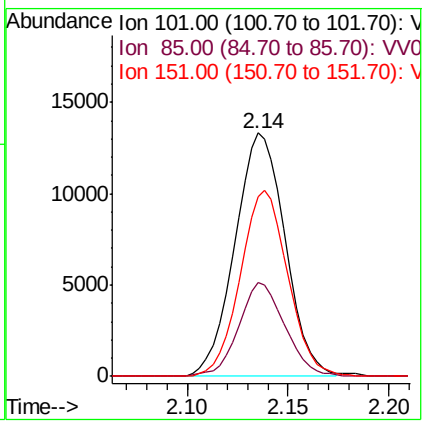


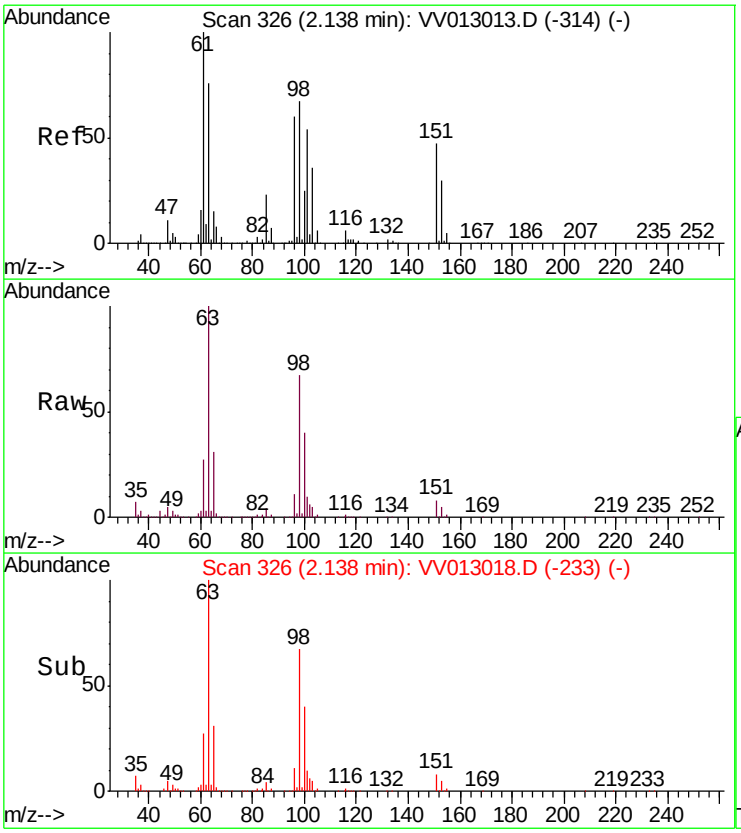
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.311 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion:101 Resp: 23174

Ion	Ratio	Lower	Upper
101	100		
85	35.4	33.6	50.4
151	72.5	66.9	100.3

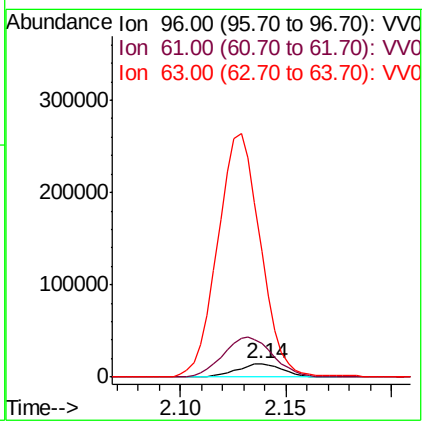


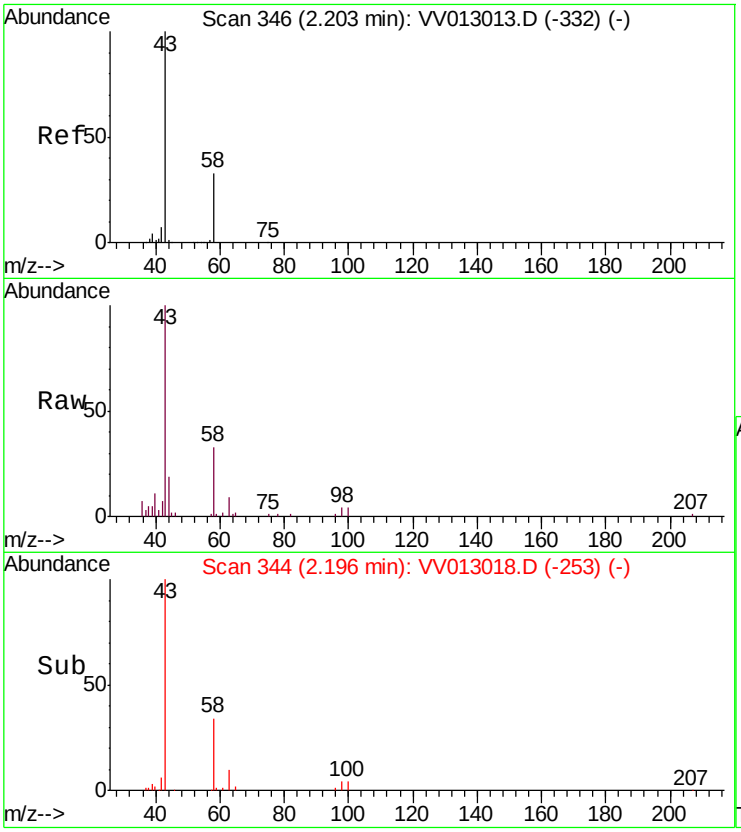


#12
1,1-Dichloroethene
Concen: 2.319 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 96 Resp: 21843

Ion	Ratio	Lower	Upper
96	100		
61	244.2	117.7	218.7#
63	918.5	90.4	168.0#



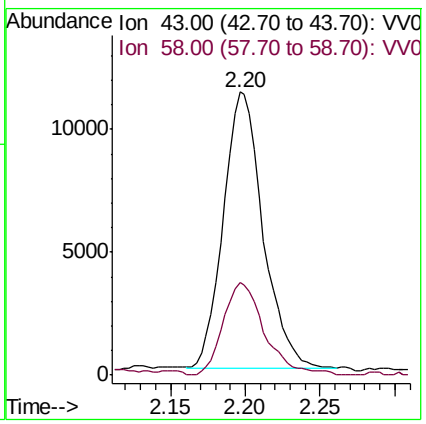


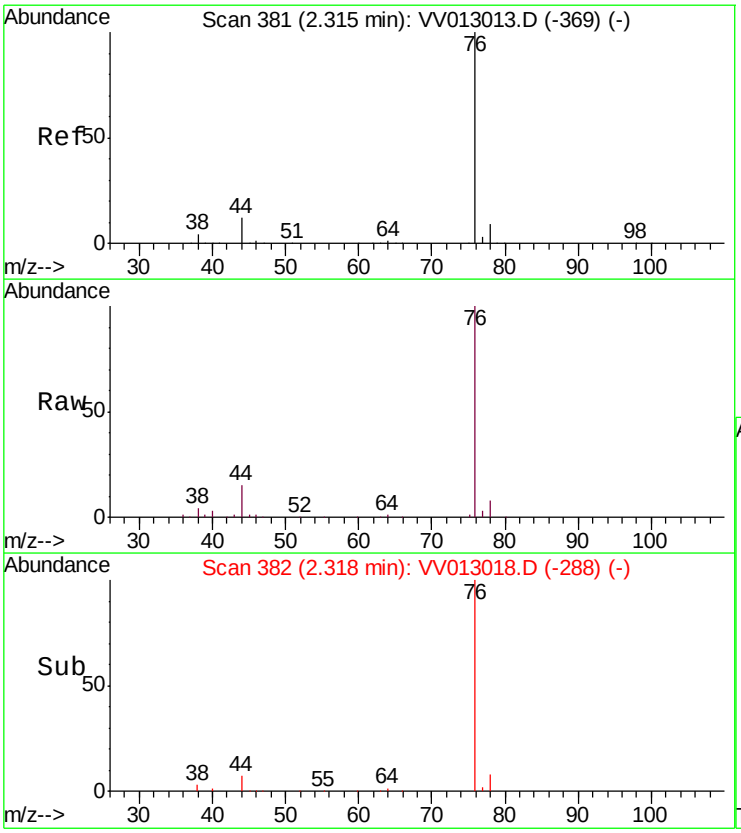
#13
Acetone
Concen: 4.719 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.01 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 43 Resp: 20646

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	65.2

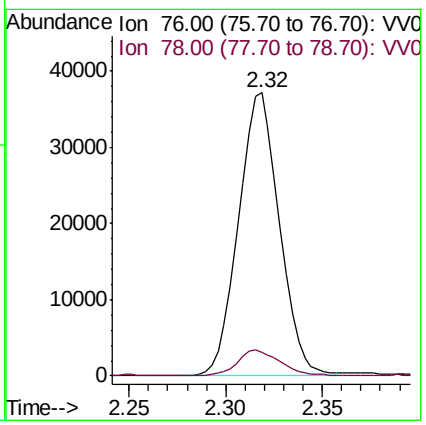


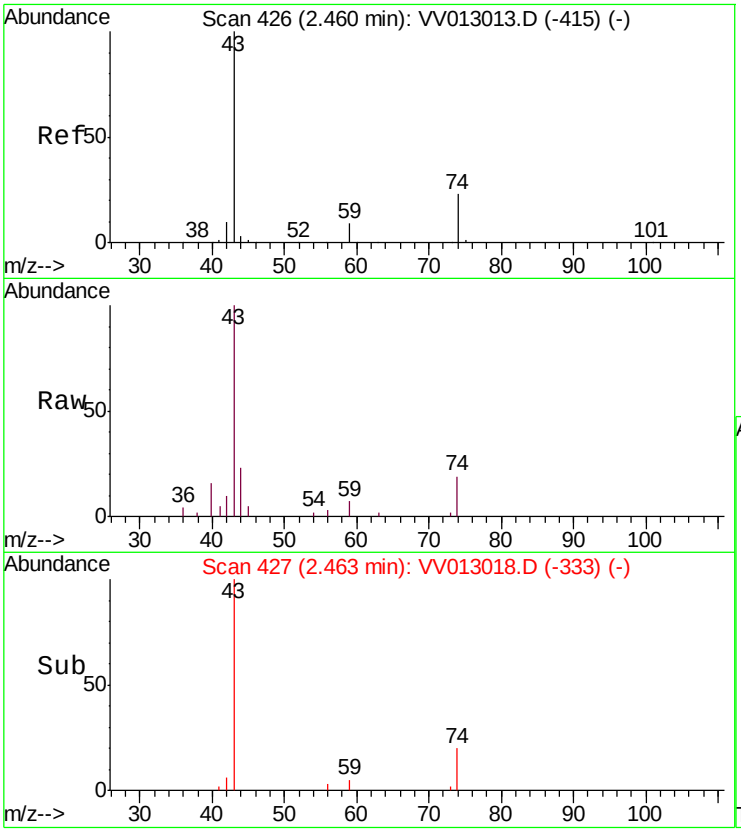


#14
Carbon disulfide
Concen: 1.896 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 76 Resp: 54810

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7



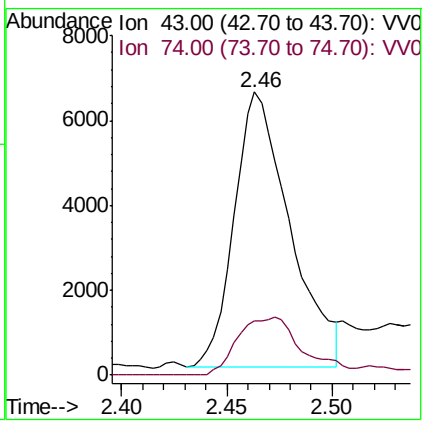


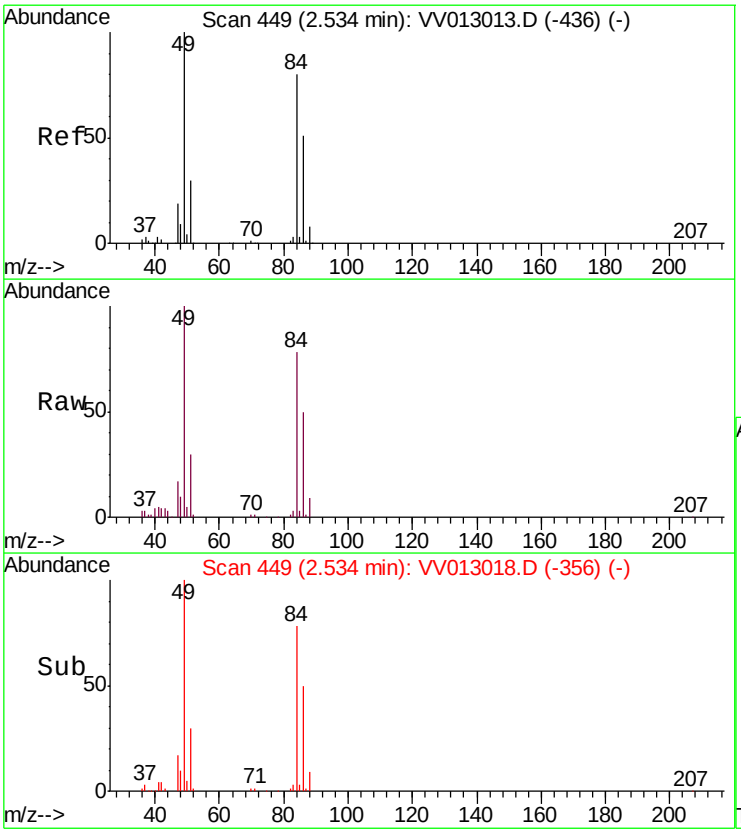
#15
Methyl Acetate
Concen: 1.756 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 43 Resp: 11857

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.5	27.7

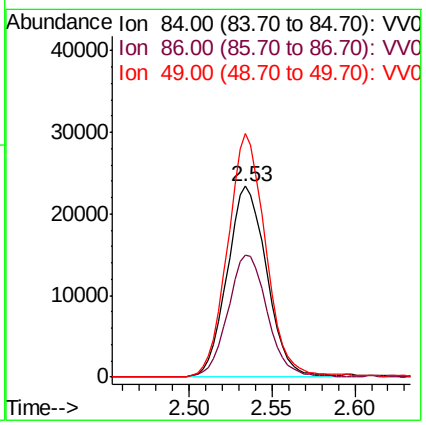


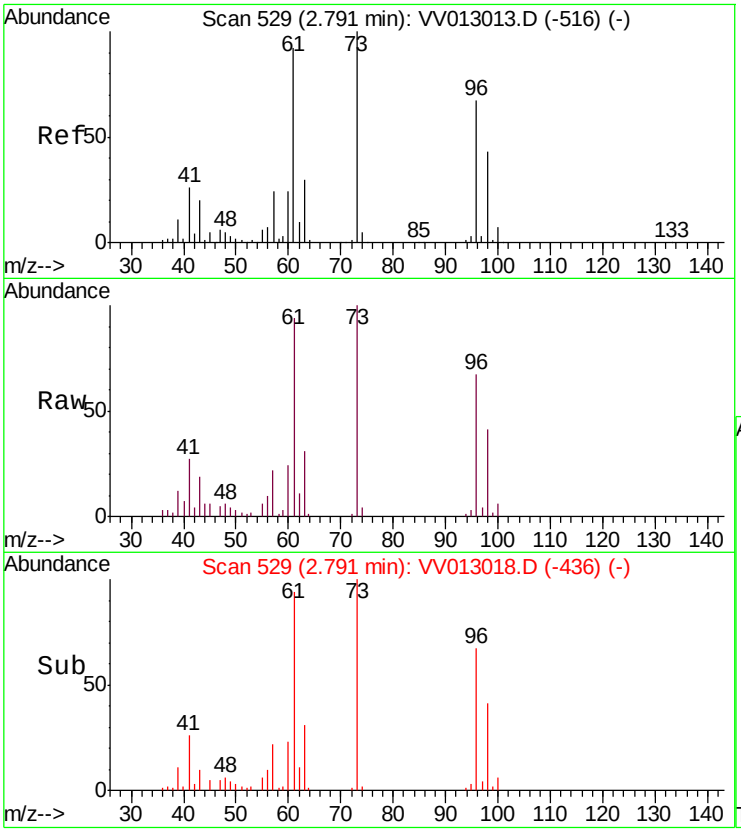


#16
Methylene chloride
Concen: 2.888 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 84 Resp: 38870

Ion	Ratio	Lower	Upper
84	100		
86	64.2	44.5	82.7
49	127.5	87.5	162.5



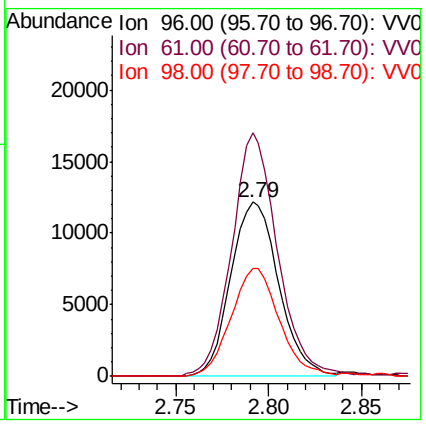


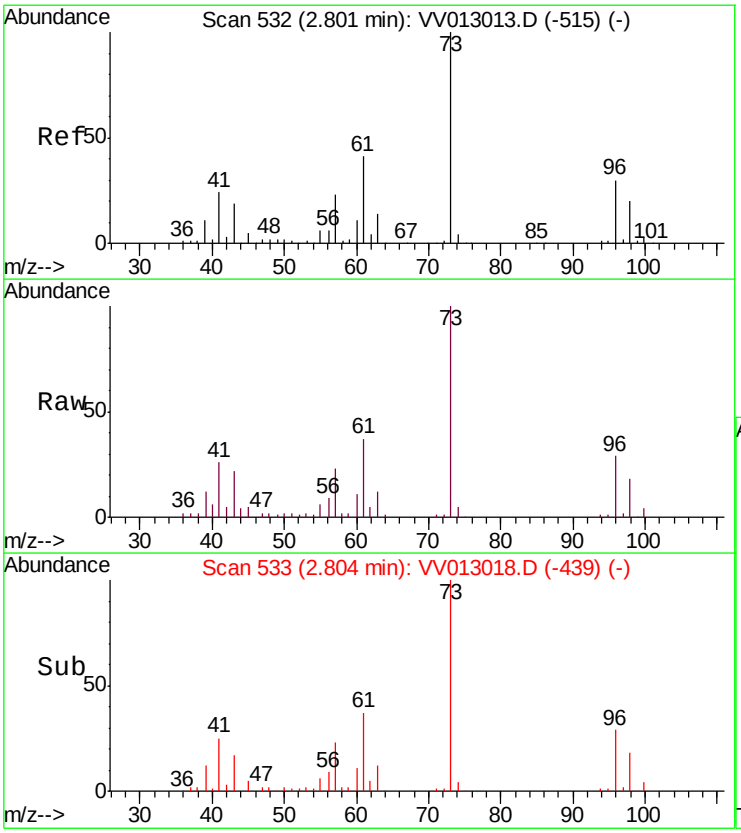
#17
trans-1,2-Dichloroethene
Concen: 1.980 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 96 Resp: 21986

Ion	Ratio	Lower	Upper
96	100		
61	140.0	95.8	177.8
98	62.0	45.1	83.7

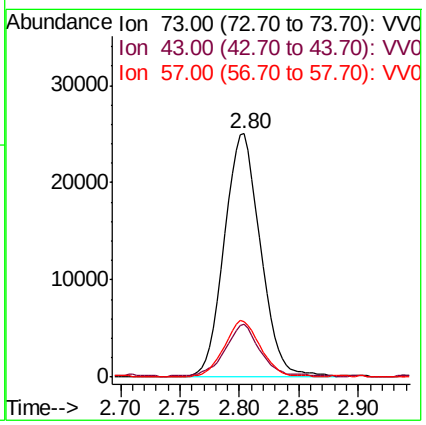


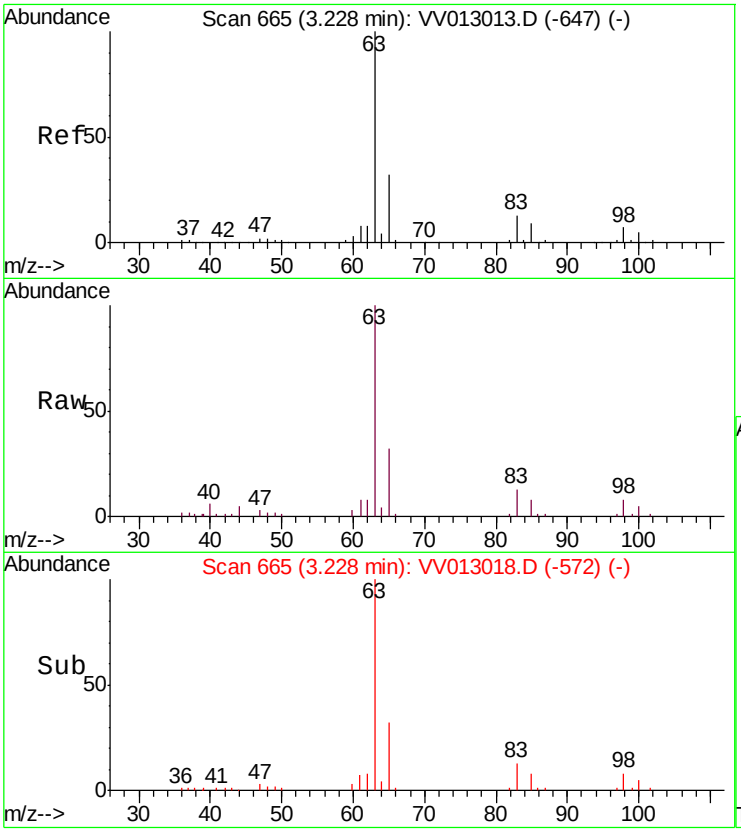


#18
Methyl tert-butyl Ether
Concen: 1.898 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 73 Resp: 52999

Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.1	22.7
57	23.0	18.1	27.1



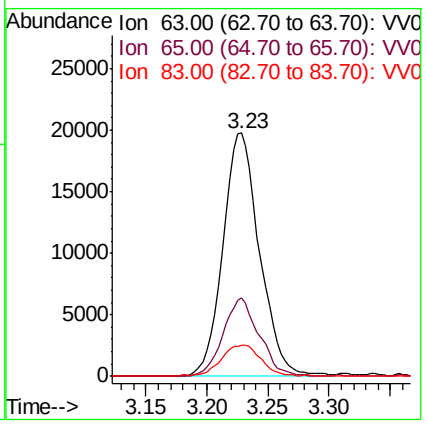


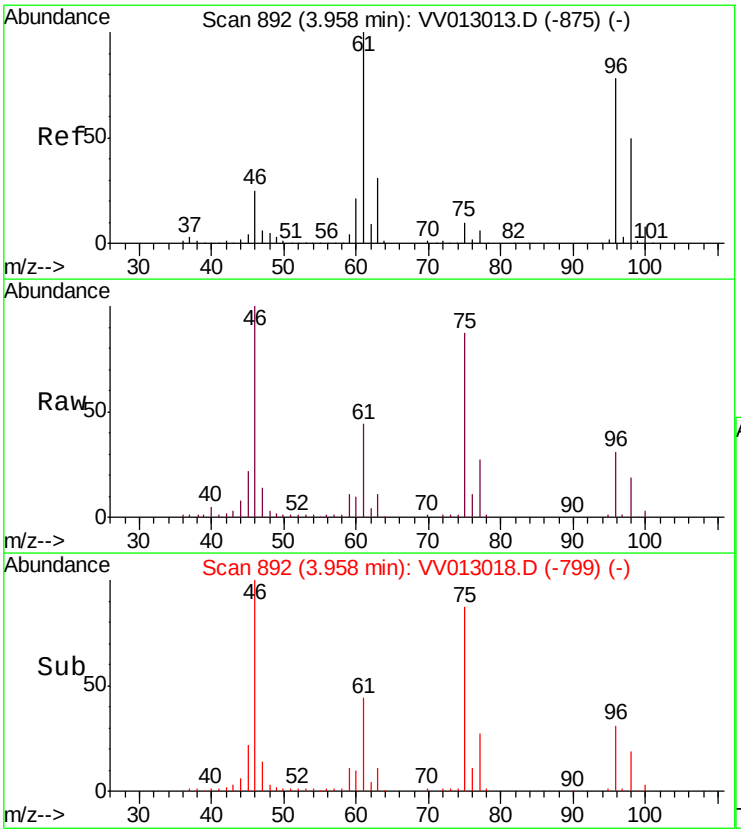
#19
1,1-Dichloroethane
Concen: 2.035 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion: 63 Resp: 41466

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	12.7	9.0	16.6

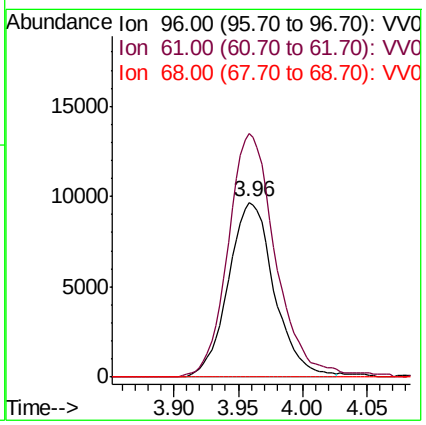


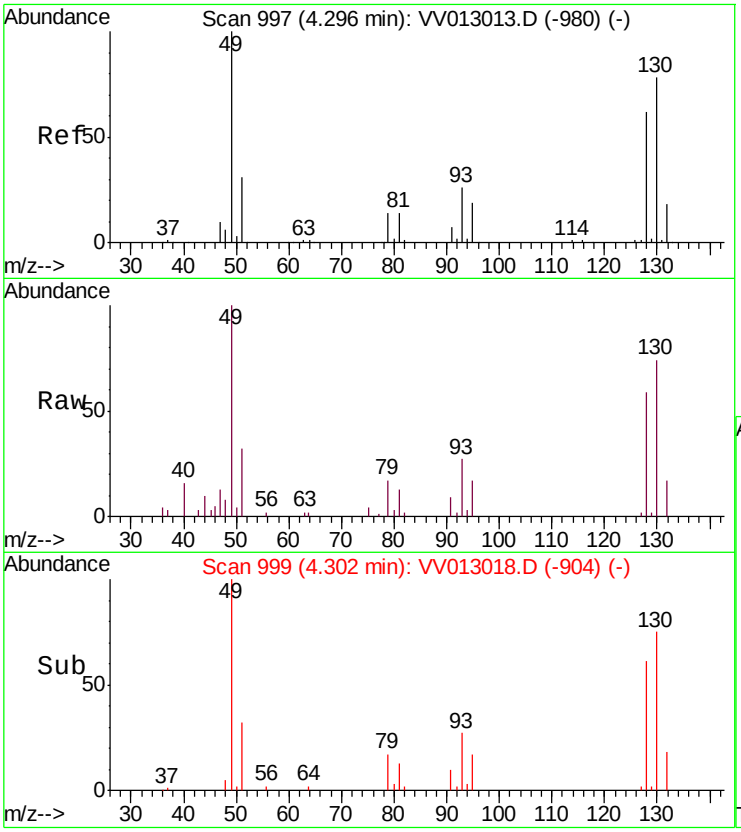


#20
cis-1,2-Dichloroethene
Concen: 1.938 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 96 Resp: 23937

Ion	Ratio	Lower	Upper
96	100		
61	139.5	89.5	166.3
68	0.0	0.0	0.0



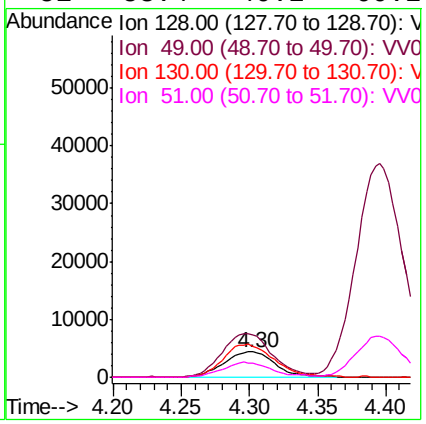


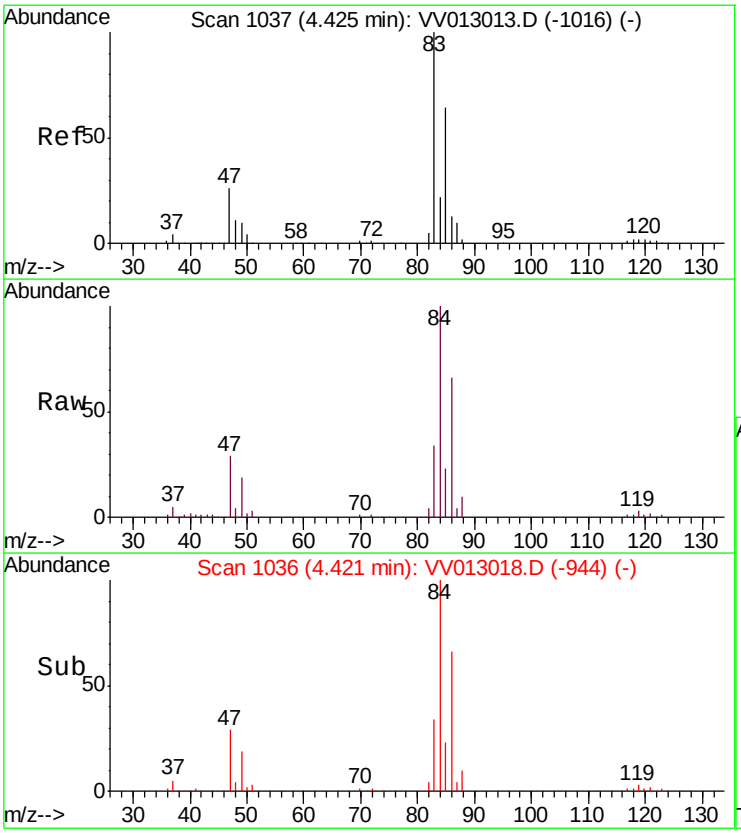
#23
Bromochloromethane
Concen: 1.890 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:128 Resp: 11444

Ion	Ratio	Lower	Upper
128	100		
49	168.6	113.6	211.0
130	124.3	88.0	163.4
51	53.4	40.2	60.2

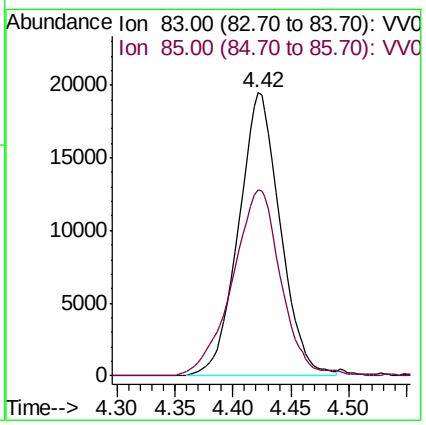


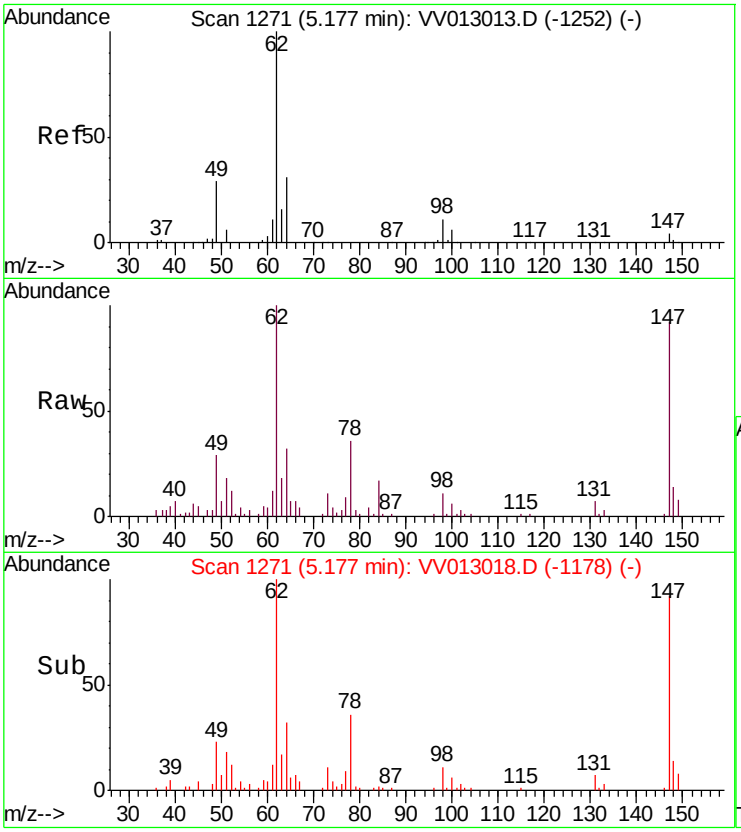


#25
Chloroform
Concen: 2.292 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 83 Resp: 48695

Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.7	82.9



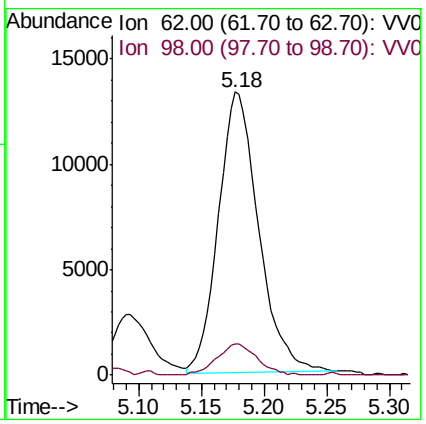


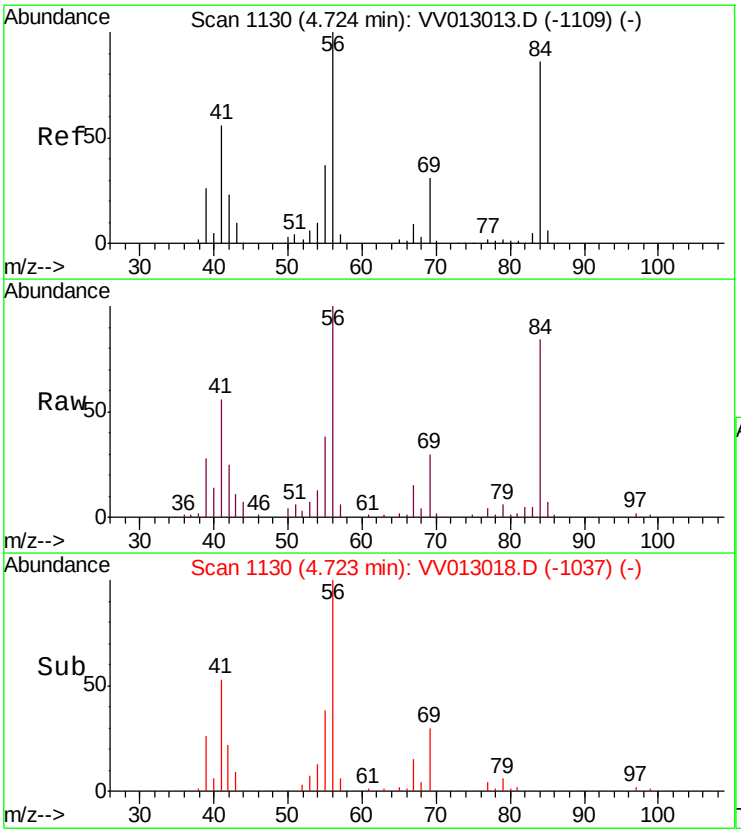
#27
1,2-Dichloroethane
Concen: 2.030 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 62 Resp: 29647

Ion	Ratio	Lower	Upper
62	100		
98	11.1	8.5	12.7

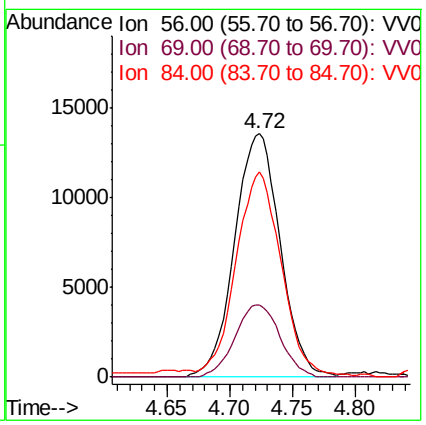


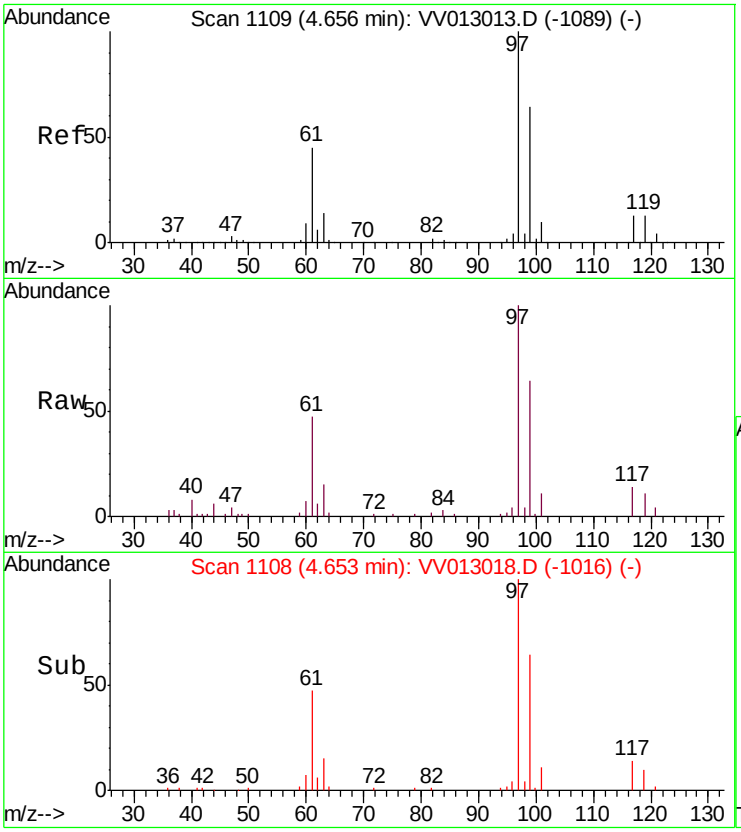


#29
Cyclohexane
Concen: 1.940 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 56 Resp: 34299

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.2	36.4
84	81.8	69.6	104.4



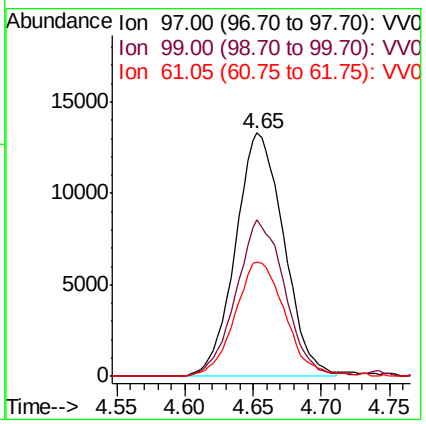


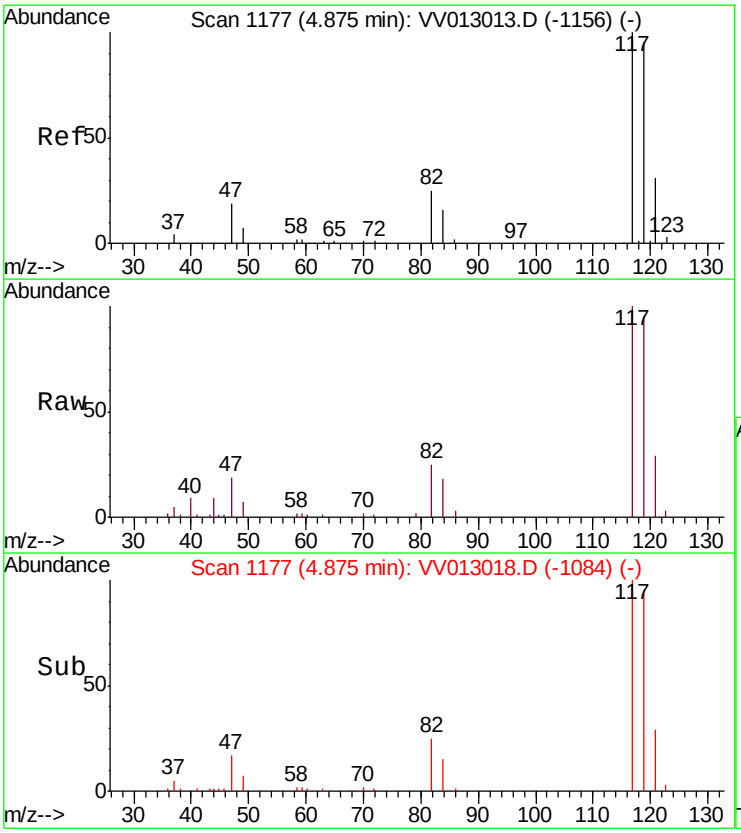
#30
1,1,1-Trichloroethane
Concen: 1.993 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 97 Resp: 32699

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	48.5	36.1	54.1

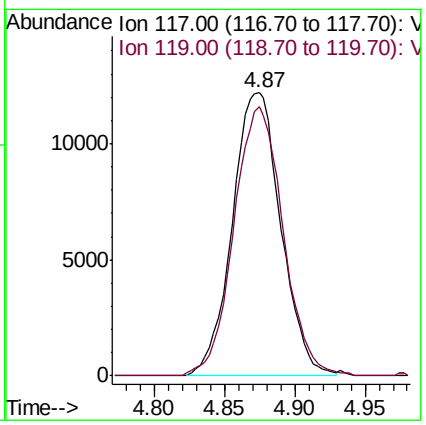


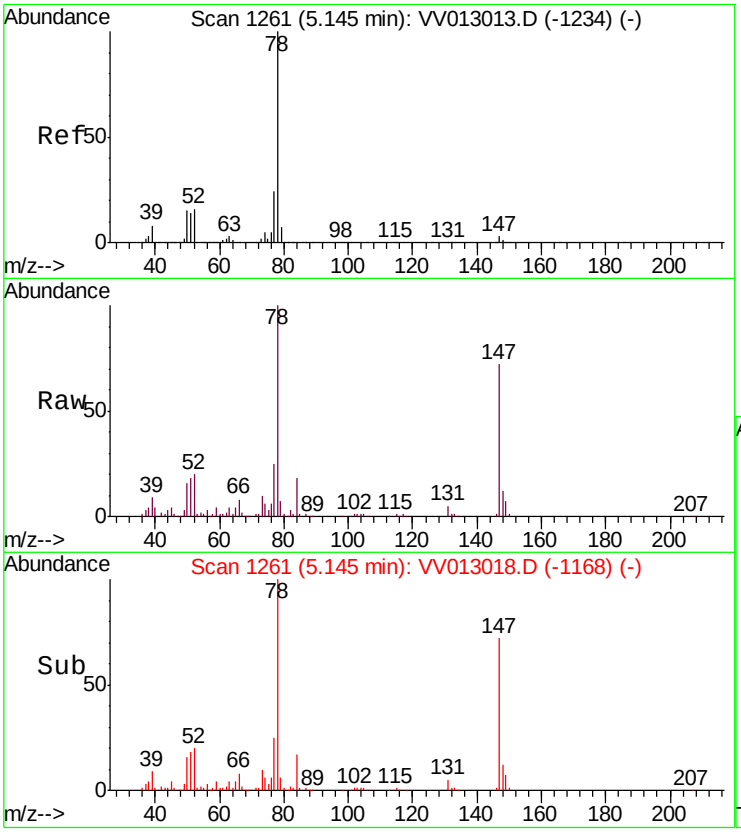


#31
Carbon tetrachloride
Concen: 1.989 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:117 Resp: 29375

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.1	114.1

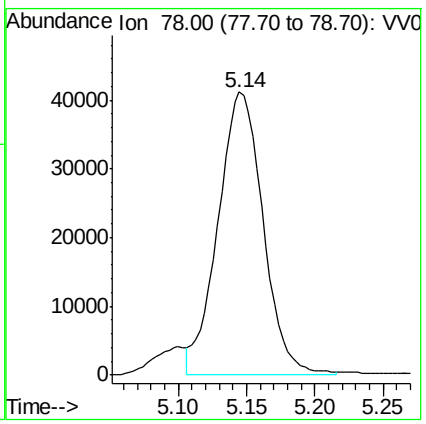


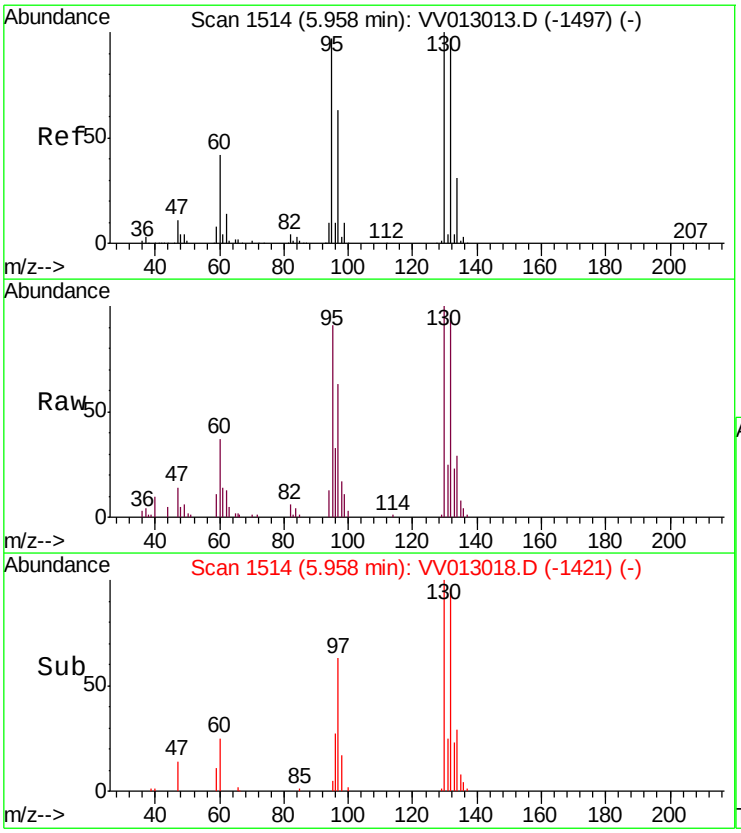


#33
Benzene
Concen: 2.057 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 78 Resp: 94456

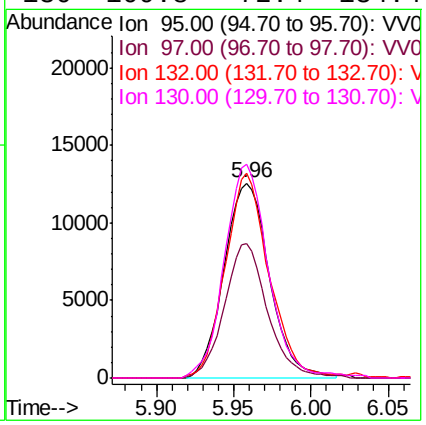


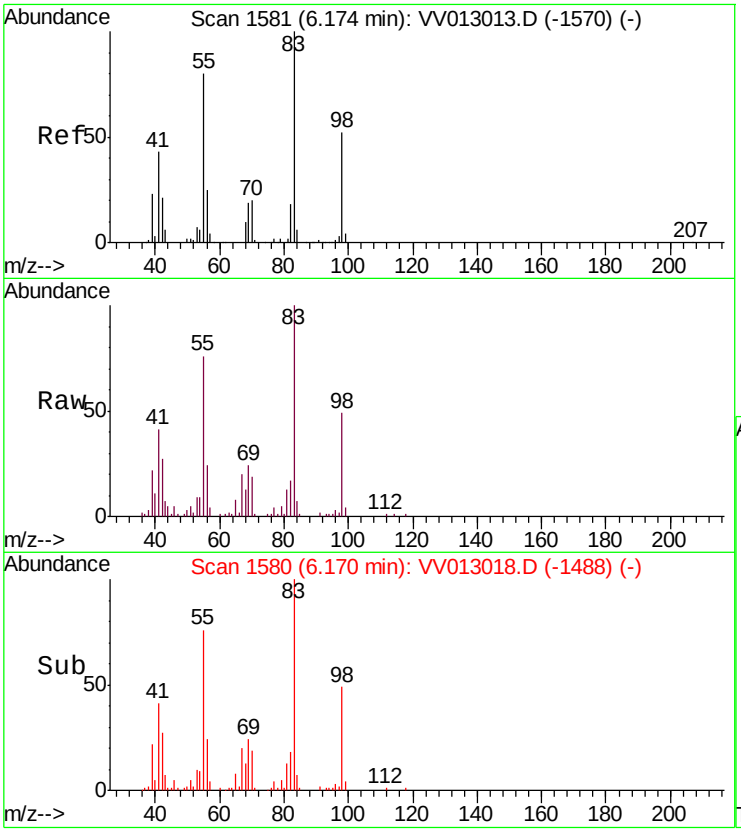


#34
Trichloroethene
Concen: 2.057 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 95 Resp: 25593

Ion	Ratio	Lower	Upper
95	100		
97	69.2	45.4	84.2
132	105.1	70.1	130.3
130	109.8	72.4	134.4



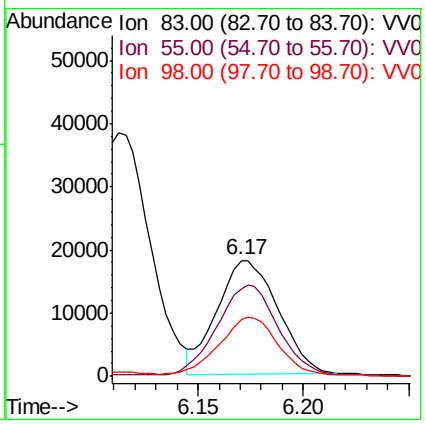


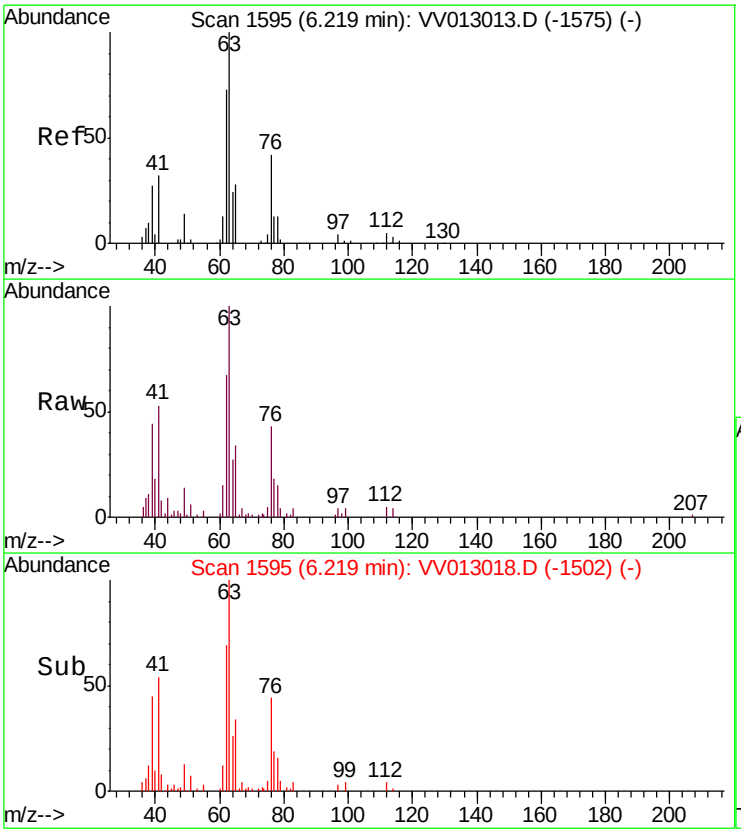
#35
Methylcyclohexane
Concen: 1.861 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 83 Resp: 36329

Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.9	92.9
98	48.5	40.0	60.0

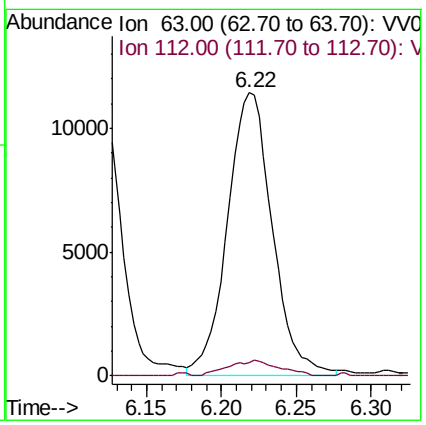


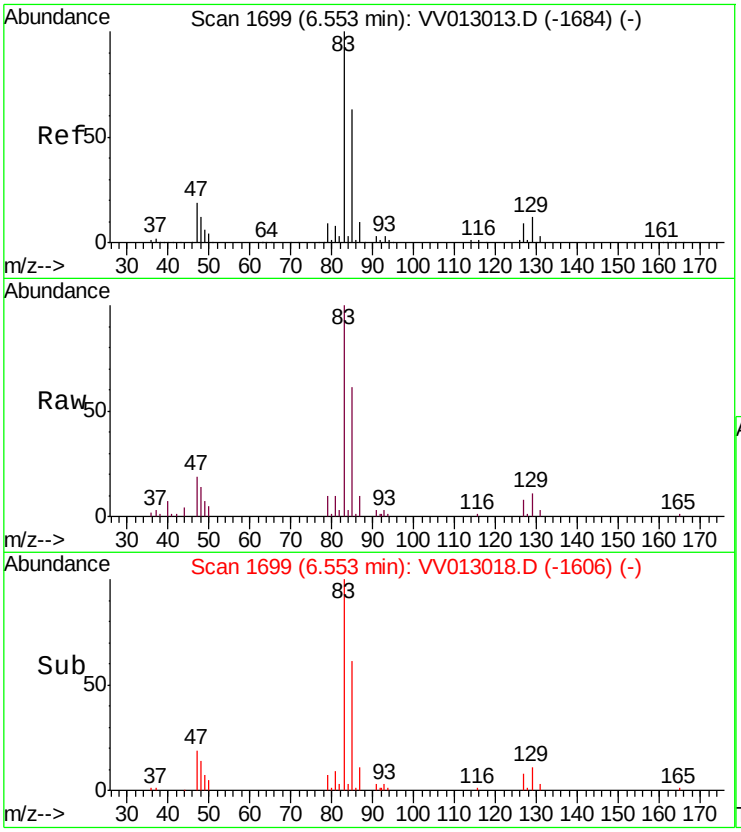


#37
1,2-Dichloropropane
Concen: 2.034 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 63 Resp: 23970

Ion	Ratio	Lower	Upper
63	100		
112	3.8	3.8	5.8#



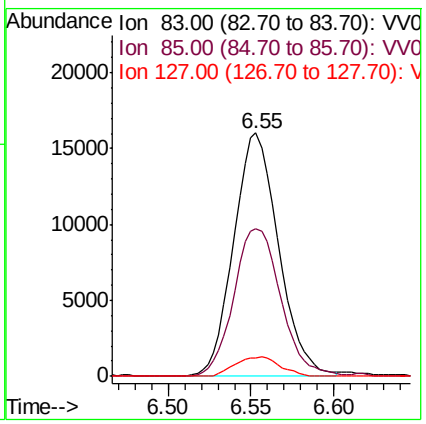


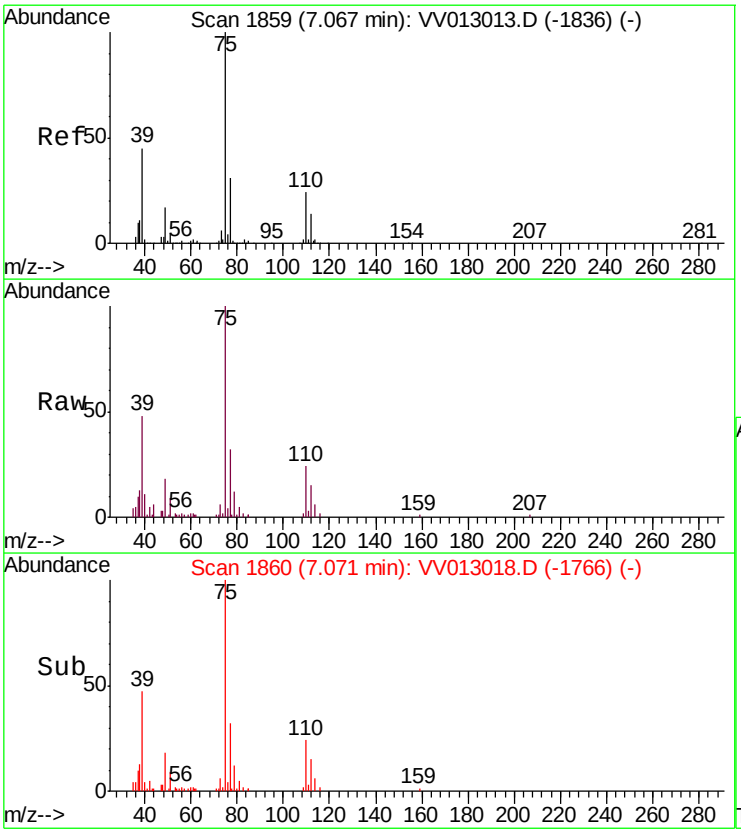
#38
Bromodichloromethane
Concen: 1.967 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 83 Resp: 30249

Ion	Ratio	Lower	Upper
83	100		
85	60.6	43.9	81.5
127	7.6	7.0	10.6

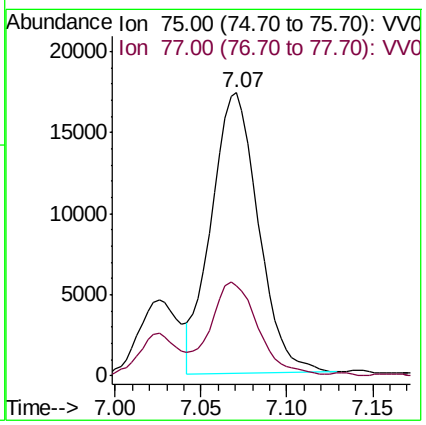


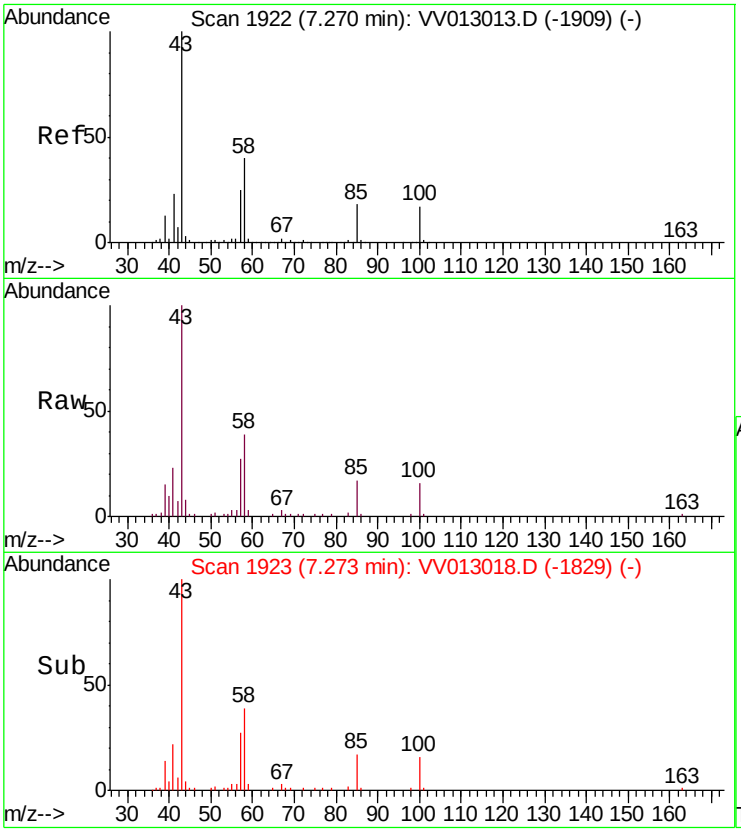


#39
cis-1,3-Dichloropropene
Concen: 1.870 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 75 Resp: 33167

Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.8	40.4



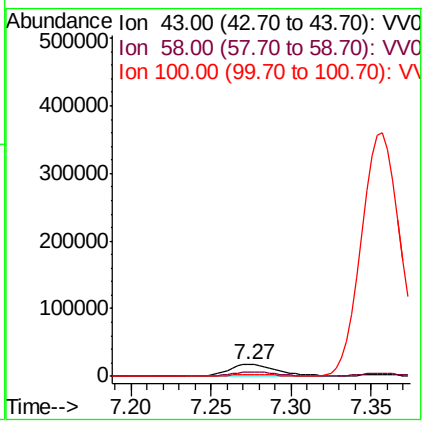


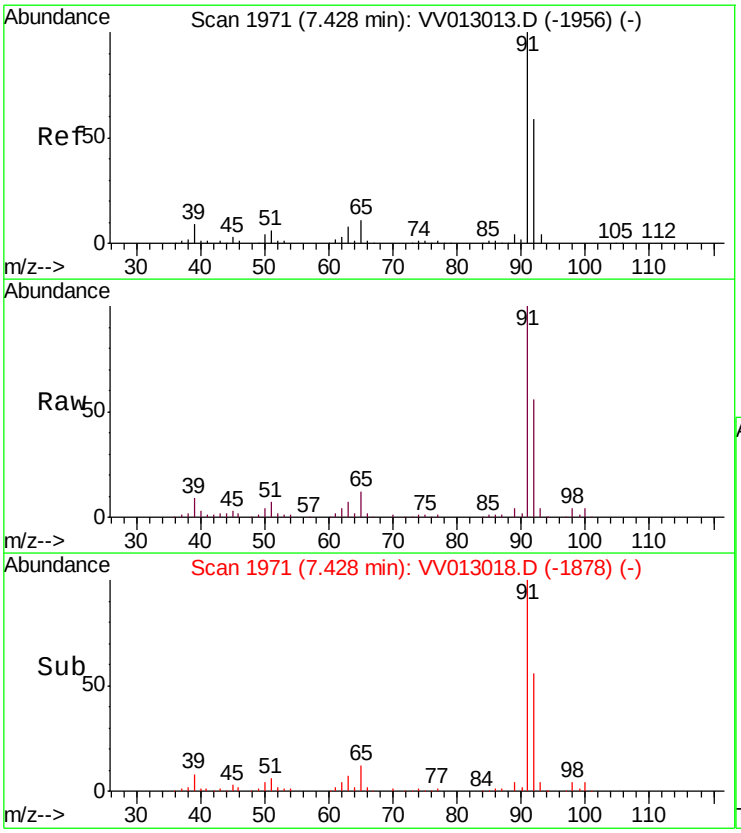
#40
4-Methyl-2-pentanone
Concen: 3.766 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion: 43 Resp: 35464

Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.8	47.8
100	15.0	12.8	19.2

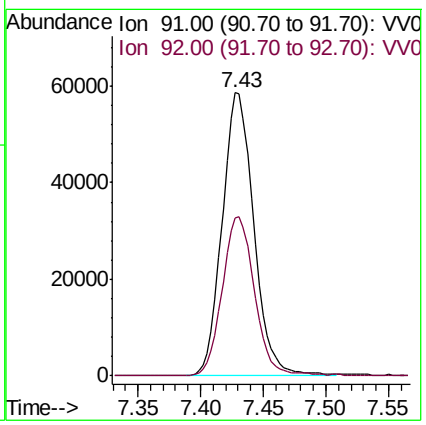


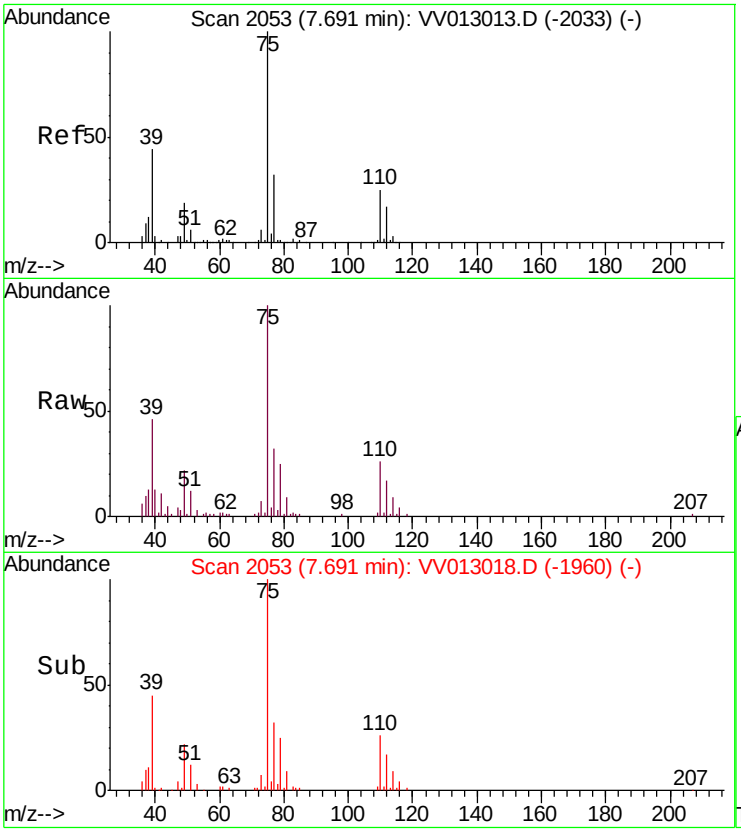


#42
Toluene
Concen: 2.109 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 91 Resp: 102984

Ion	Ratio	Lower	Upper
91	100		
92	55.6	41.1	76.3



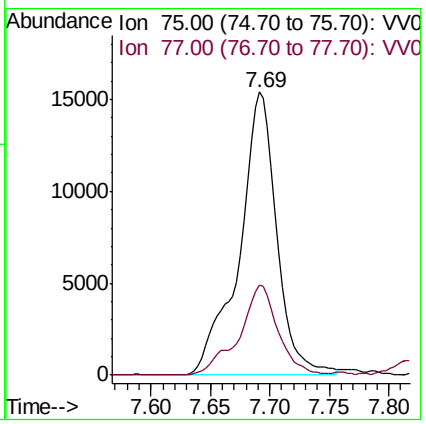


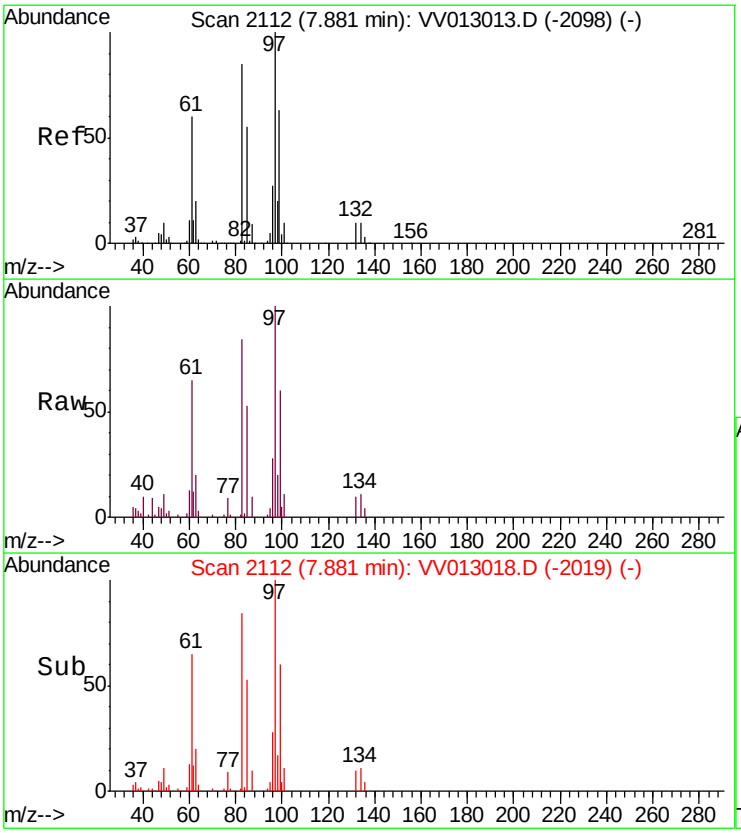
#44
trans-1,3-Dichloropropene
Concen: 2.316 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 75 Resp: 33731

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.1	41.1

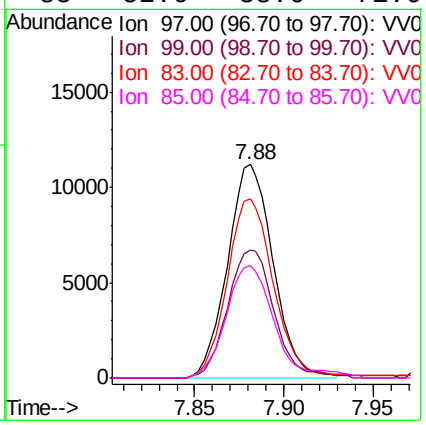


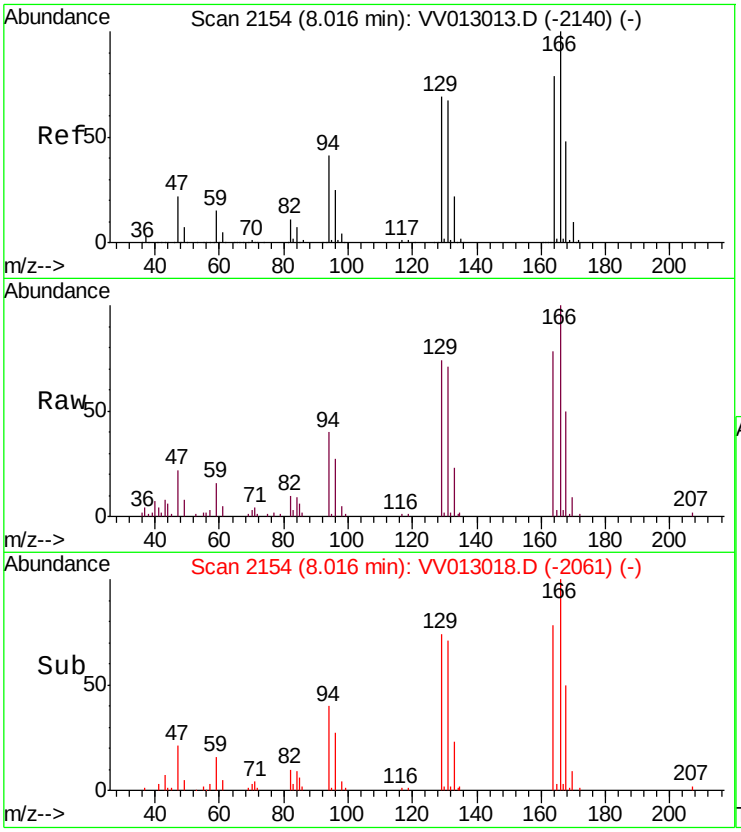


#45
1,1,2-Trichloroethane
Concen: 2.000 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 97 Resp: 19985

Ion	Ratio	Lower	Upper
97	100		
99	60.2	44.2	82.2
83	84.1	59.7	110.9
85	52.6	38.6	71.6



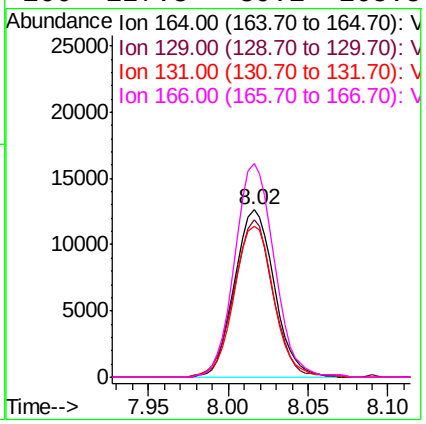


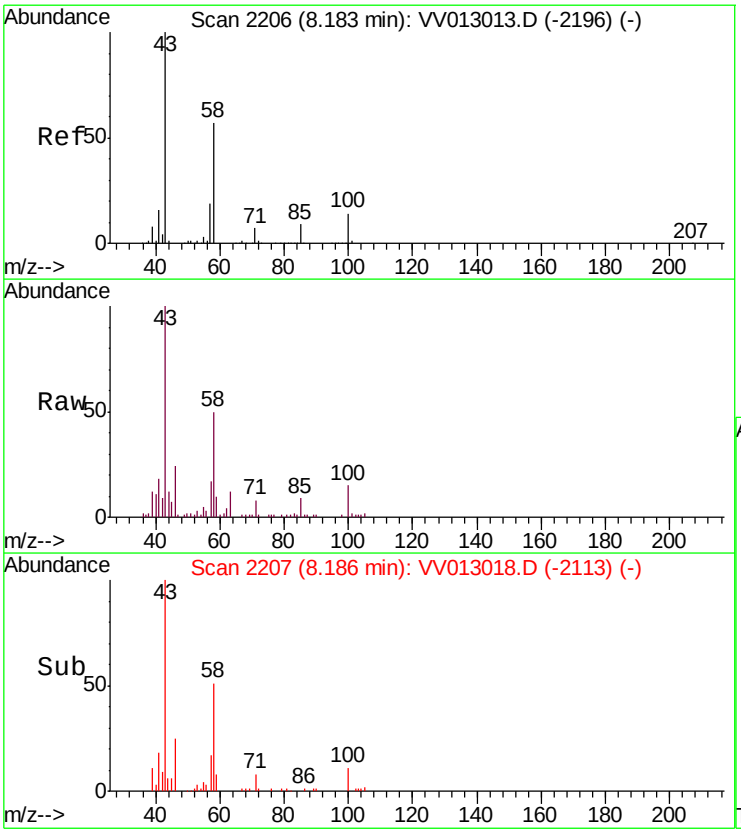
#46
Tetrachloroethene
Concen: 2.094 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion:164 Resp: 21556

Ion	Ratio	Lower	Upper
164	100		
129	94.3	61.2	113.6
131	90.2	59.9	111.3
166	127.8	89.1	165.5

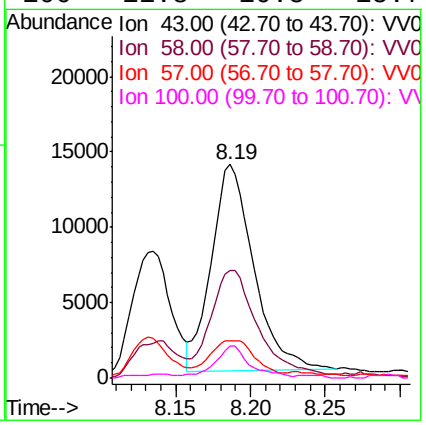


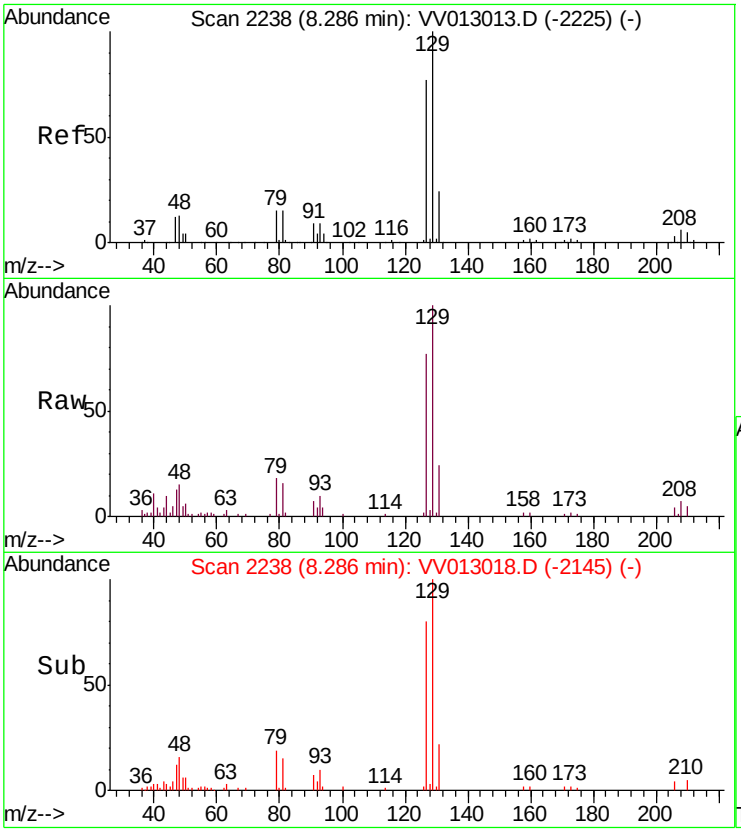


#48
2-Hexanone
Concen: 3.919 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 43 Resp: 26866

Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.9	67.3
57	7.3	15.2	22.8#
100	11.8	10.5	15.7



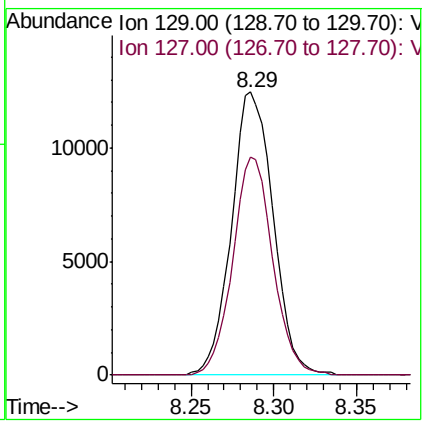


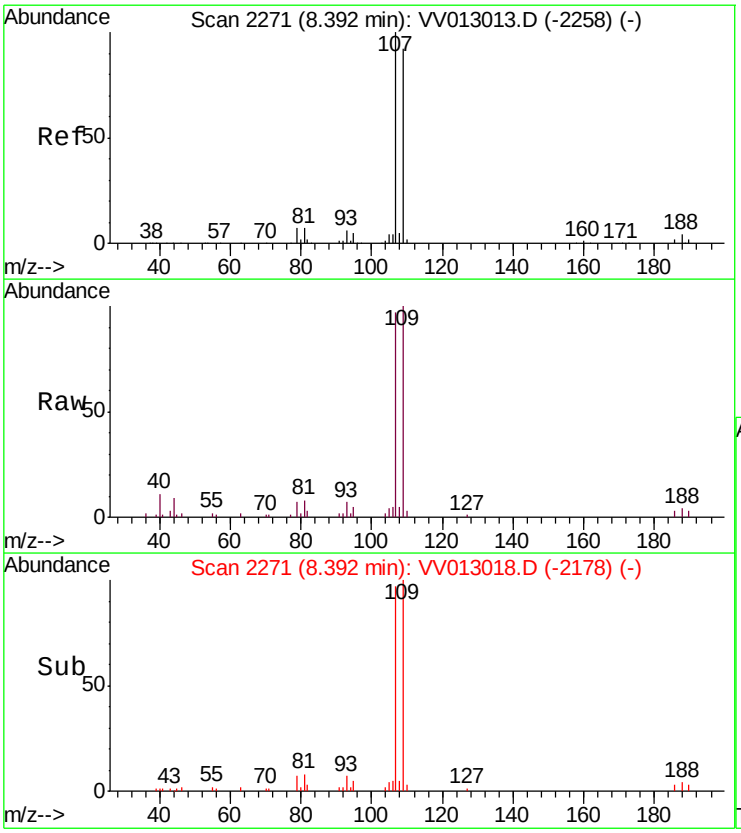
#49
Dibromochloromethane
Concen: 1.913 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:129 Resp: 21803

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.9	100.1

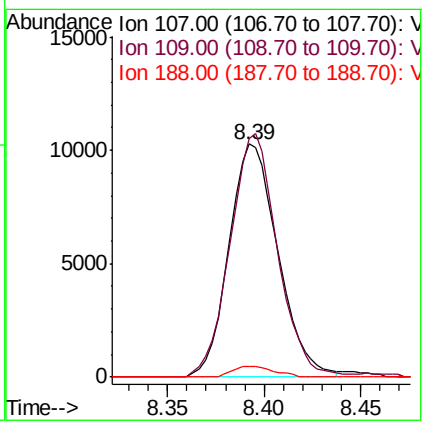


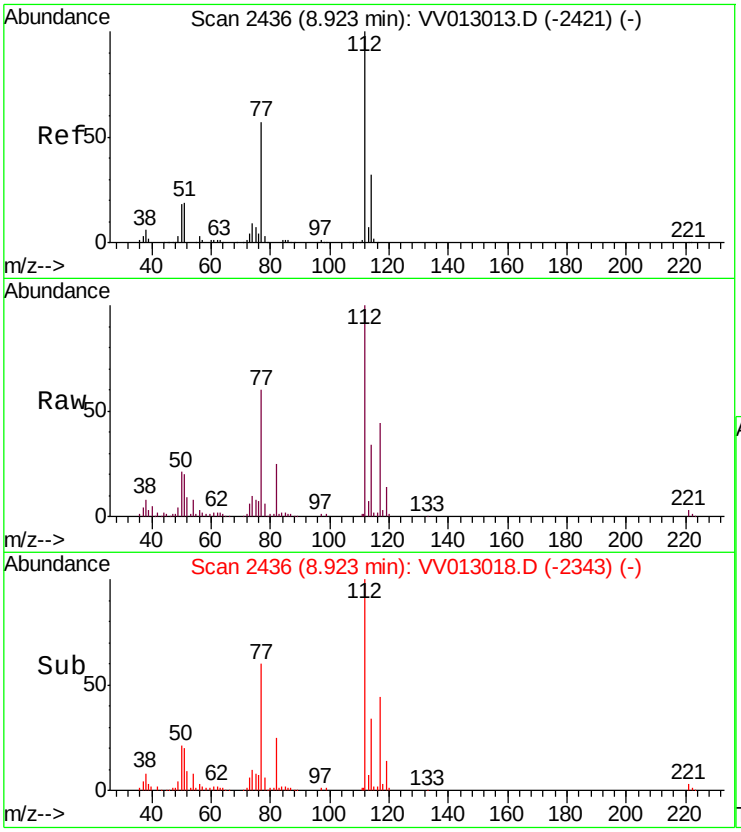


#50
1,2-Dibromoethane
Concen: 1.839 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:107 Resp: 18134

Ion	Ratio	Lower	Upper
107	100		
109	102.7	64.7	120.1
188	4.5	3.7	5.5



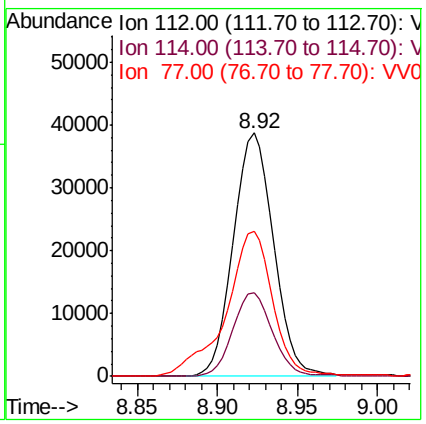


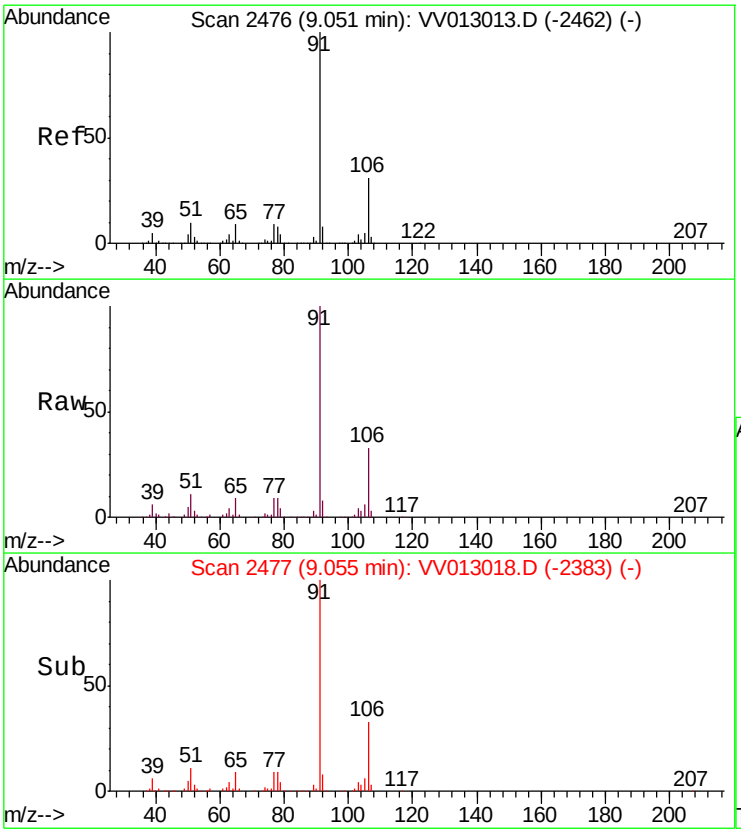
#51
Chlorobenzene
Concen: 2.011 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion:112 Resp: 66619

Ion	Ratio	Lower	Upper
112	100		
114	34.3	22.7	42.1
77	59.7	45.9	68.9

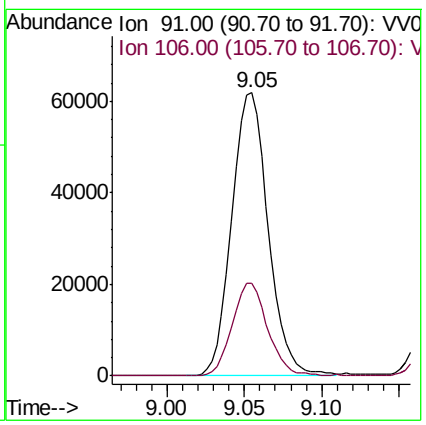


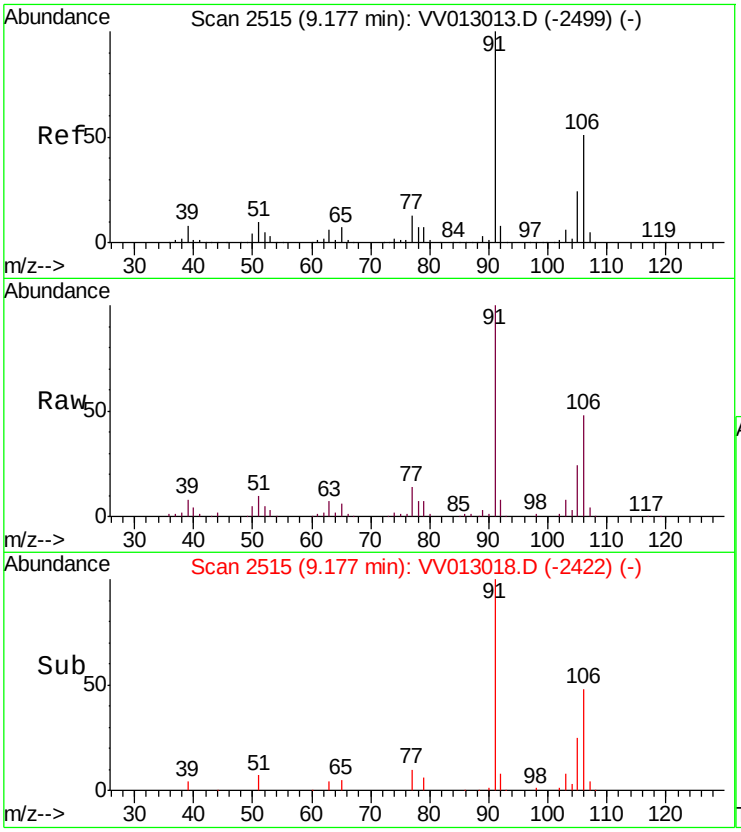


#52
Ethylbenzene
Concen: 1.886 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 91 Resp: 101202

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.8	40.4



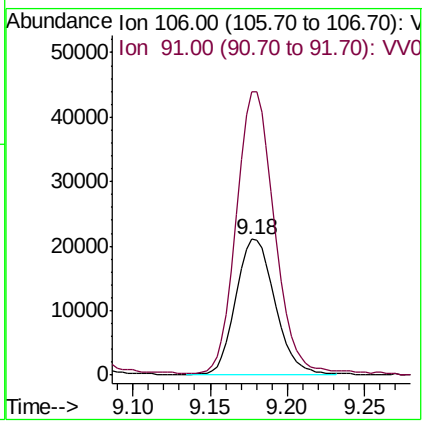


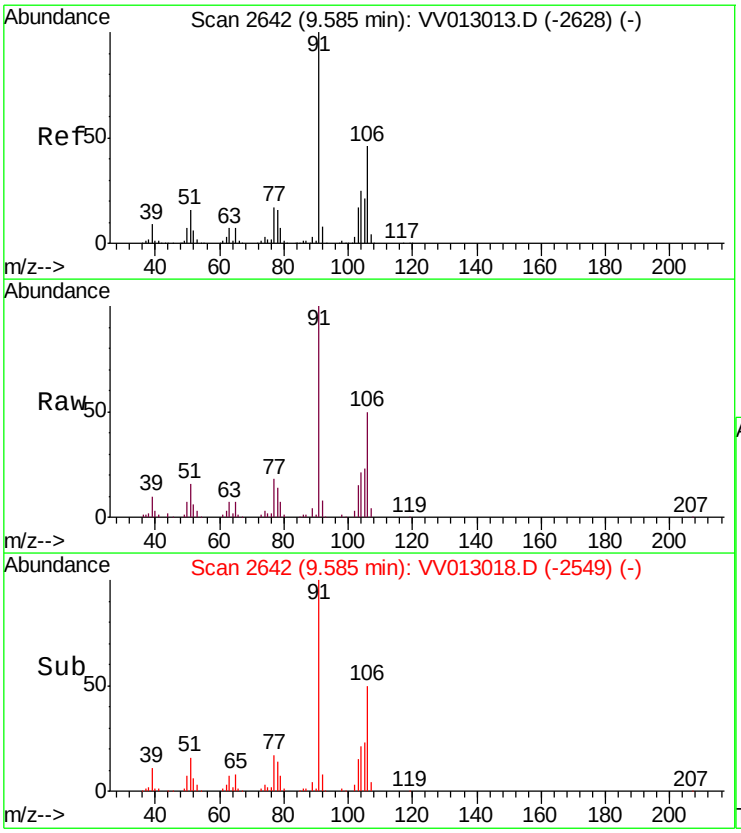
#53
m,p-Xylene
Concen: 1.824 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:106 Resp: 37397

Ion	Ratio	Lower	Upper
106	100		
91	208.4	138.0	256.2

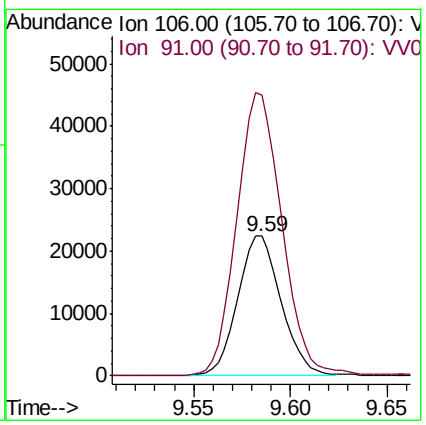


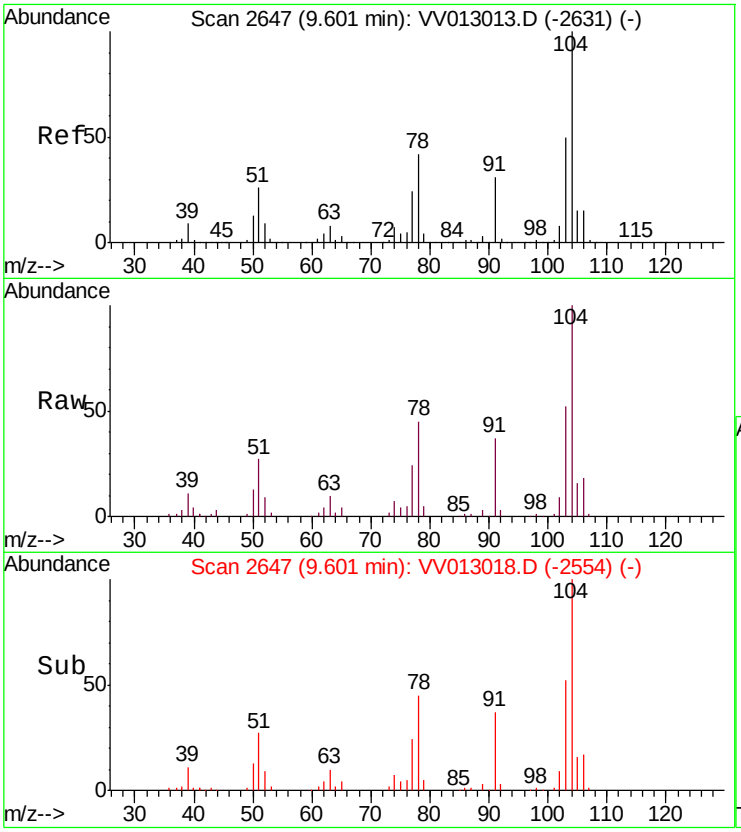


#54
o-Xylene
Concen: 1.791 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:106 Resp: 35140

Ion	Ratio	Lower	Upper
106	100		
91	200.5	150.8	280.1



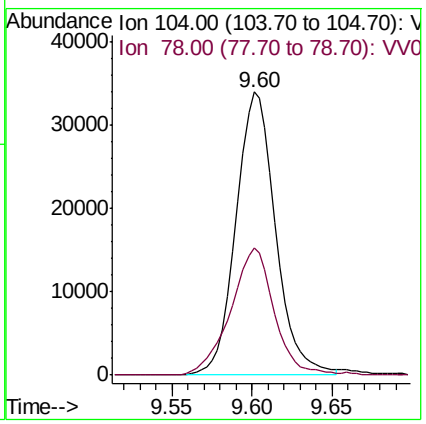


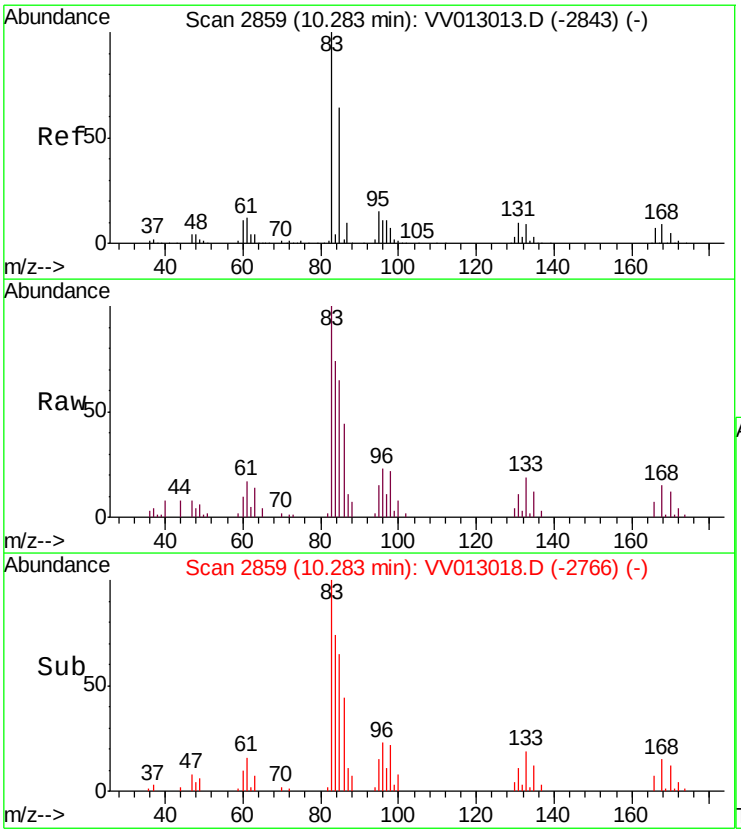
#55
Styrene
Concen: 1.666 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion:104 Resp: 57236

Ion	Ratio	Lower	Upper
104	100		
78	44.8	29.8	55.3

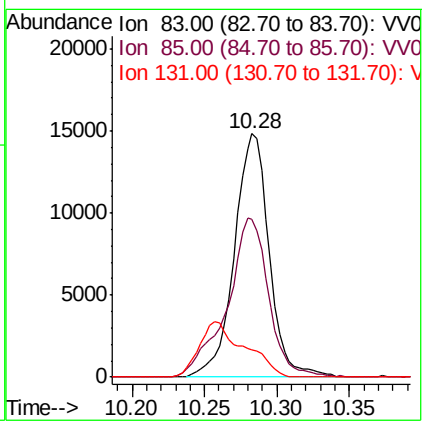


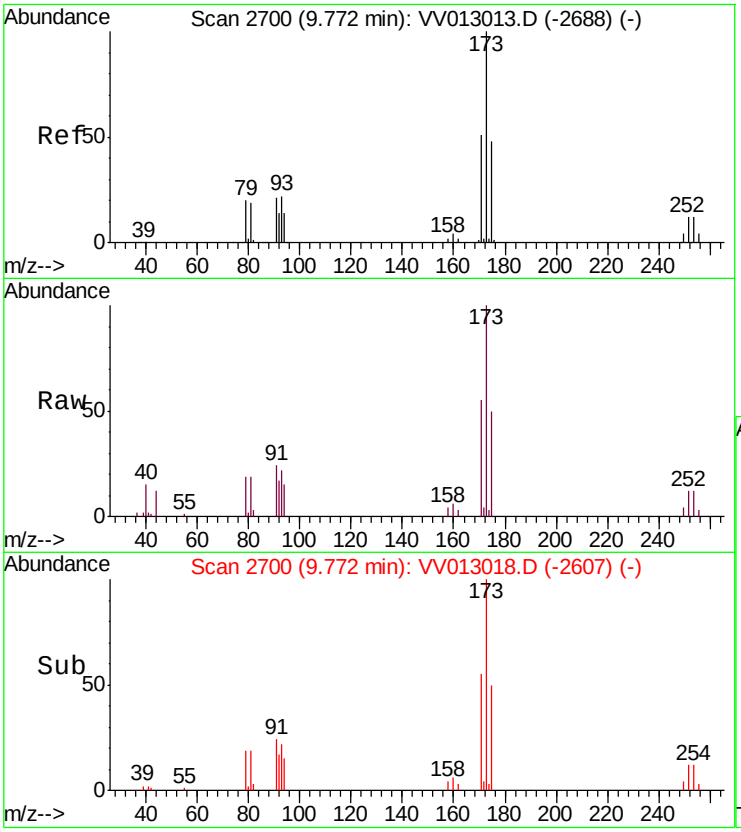


#57
1,1,2,2-Tetrachloroethane
Concen: 2.028 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion: 83 Resp: 24720

Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.5	82.7
131	11.1	8.2	12.2



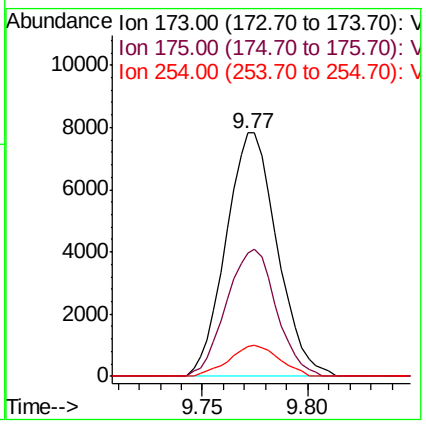


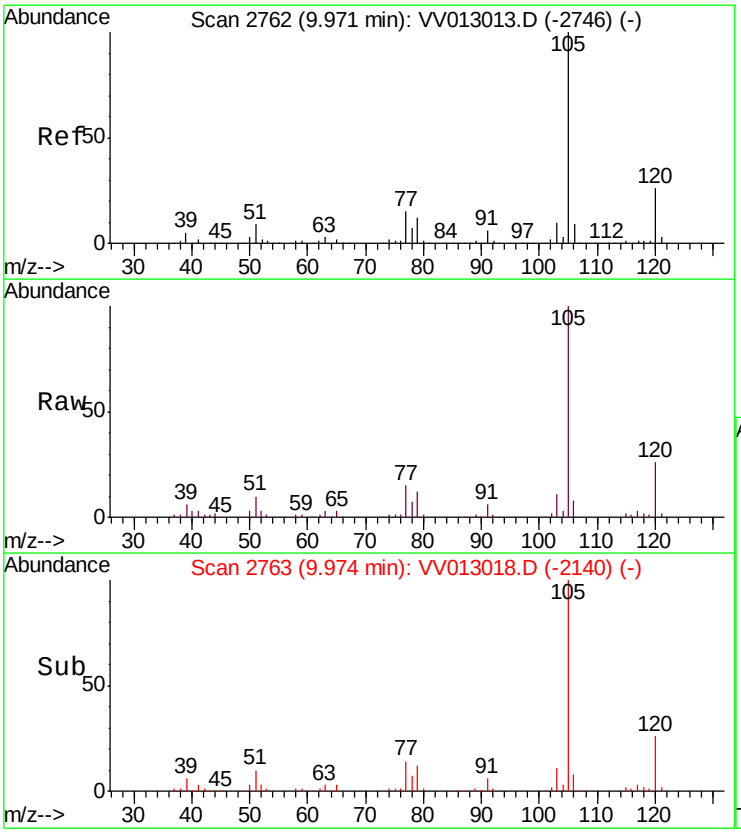
#59
Bromoform
Concen: 1.848 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:173 Resp: 13180

Ion	Ratio	Lower	Upper
173	100		
175	50.8	38.9	58.3
254	12.3	9.4	14.0

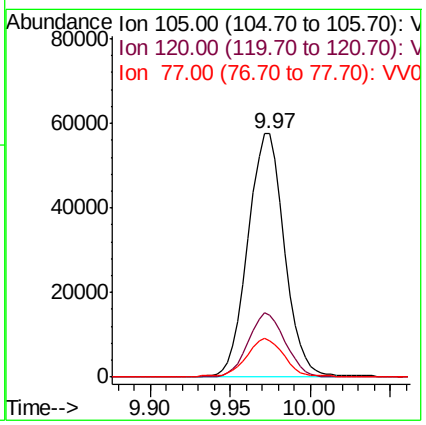


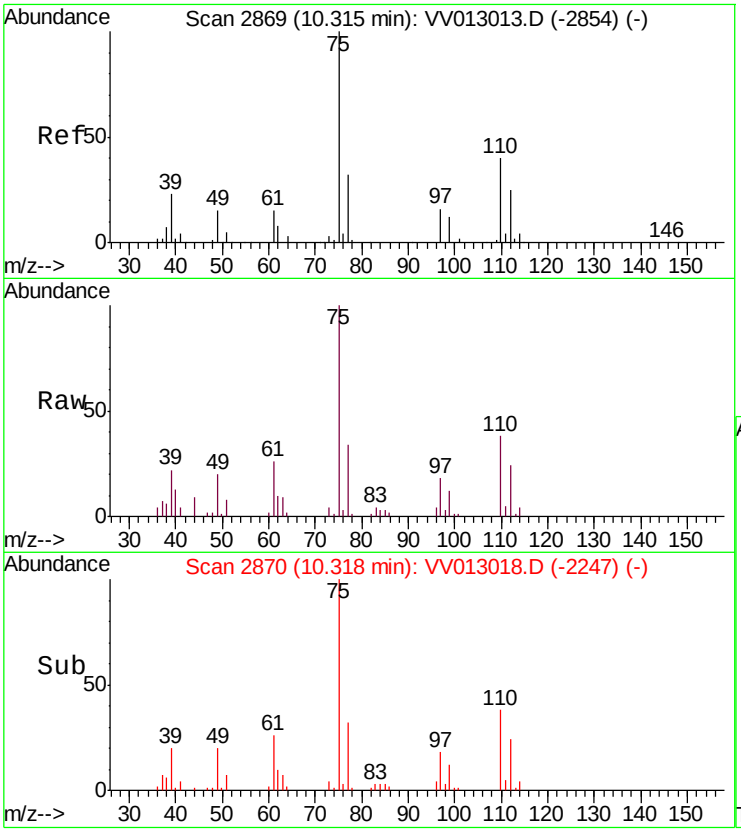


#60
Isopropylbenzene
Concen: 1.790 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:105 Resp: 89838

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	16.3	12.3	18.5



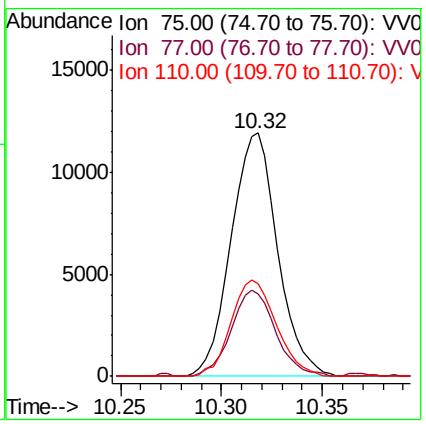


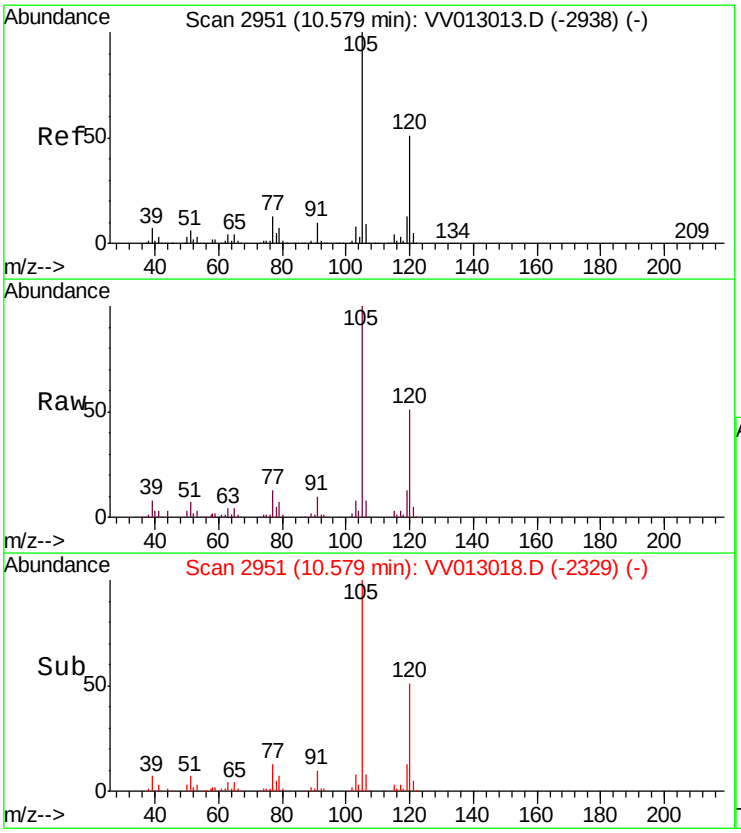
#61
1,2,3-Trichloropropane
Concen: 2.035 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion: 75 Resp: 19288

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.2
110	38.5	31.7	47.5

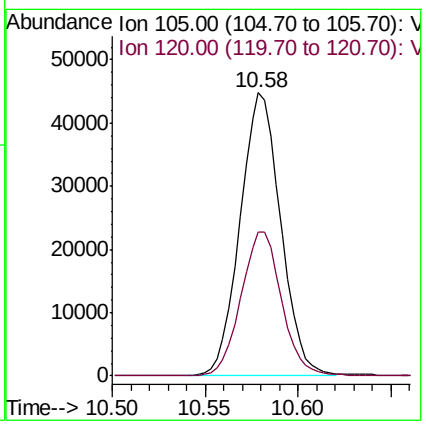


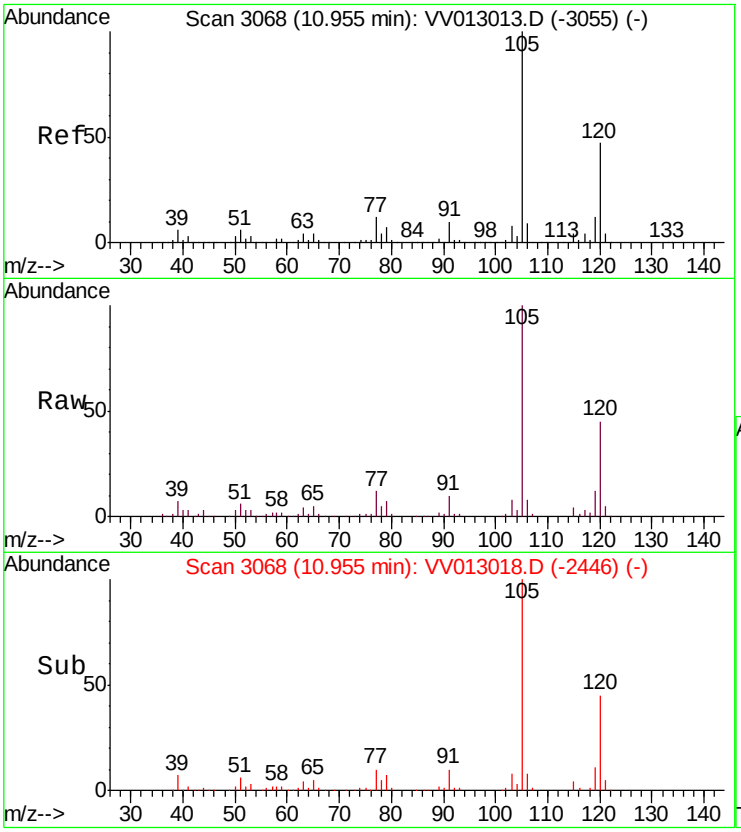


#62
1,3,5-Trimethylbenzene
Concen: 1.689 ug/L
RT: 10.58 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:105 Resp: 68310

Ion	Ratio	Lower	Upper
105	100		
120	50.8	40.6	61.0



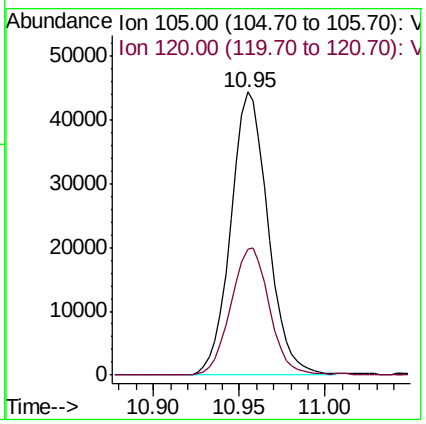


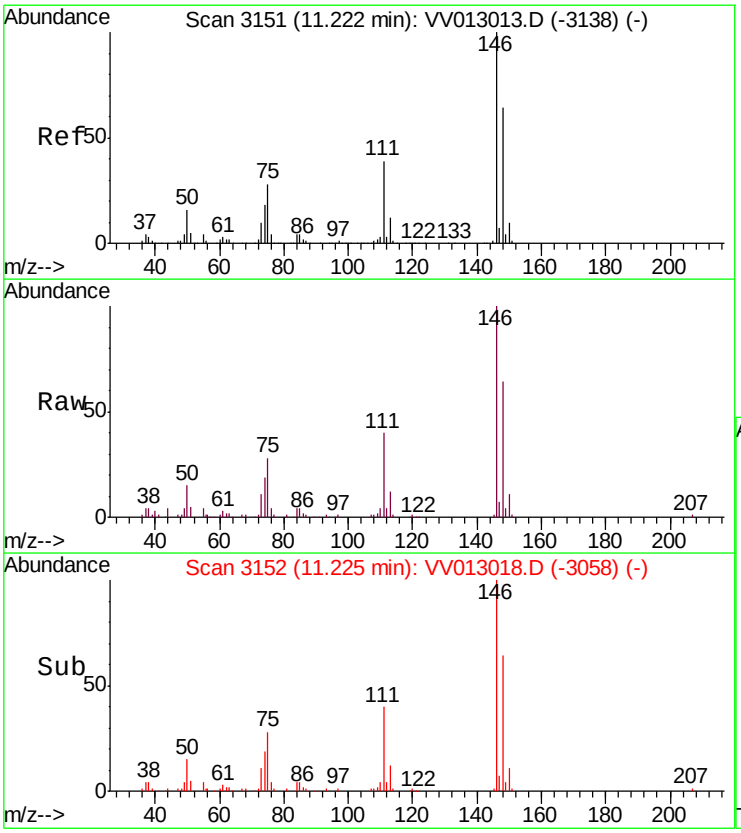
#63
1,2,4-Trimethylbenzene
Concen: 1.653 ug/L
RT: 10.95 min Scan# 3068
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion:105 Resp: 67127

Ion	Ratio	Lower	Upper
105	100		
120	46.4	37.1	55.7

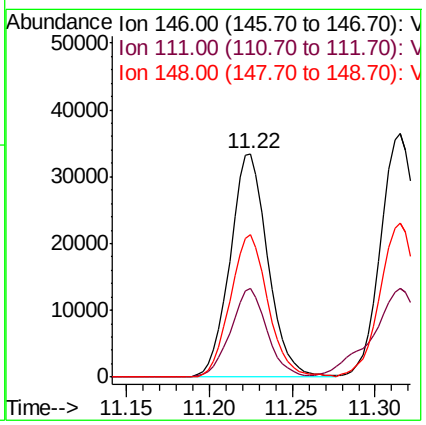


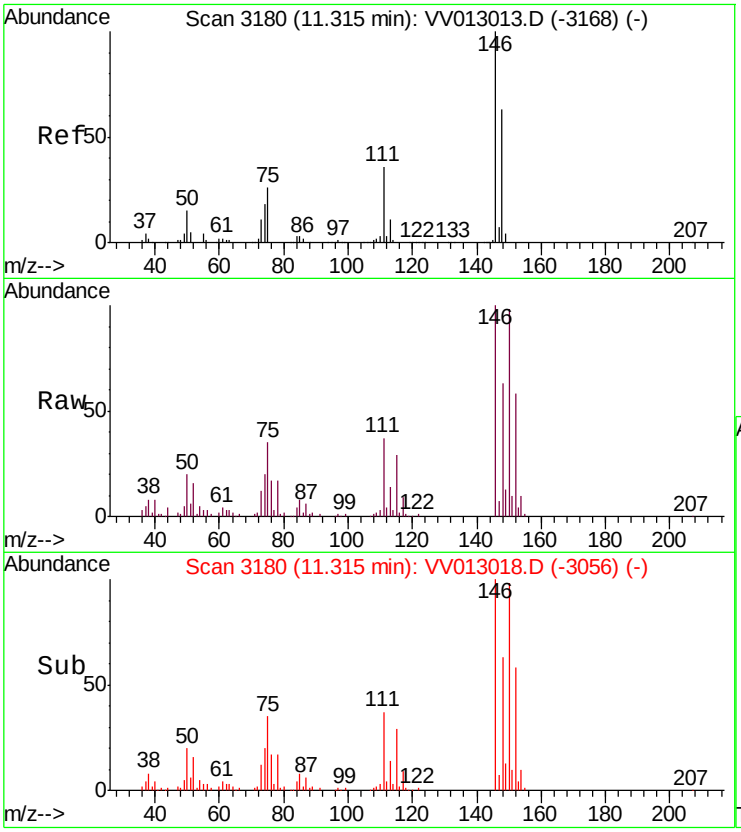


#64
1,3-Dichlorobenzene
Concen: 2.014 ug/L
RT: 11.22 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:146 Resp: 53054

Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.0	50.2
148	63.5	44.7	83.1



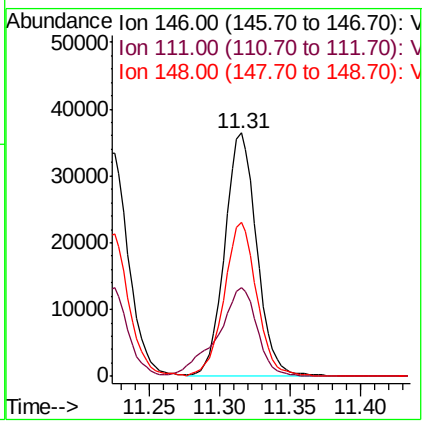


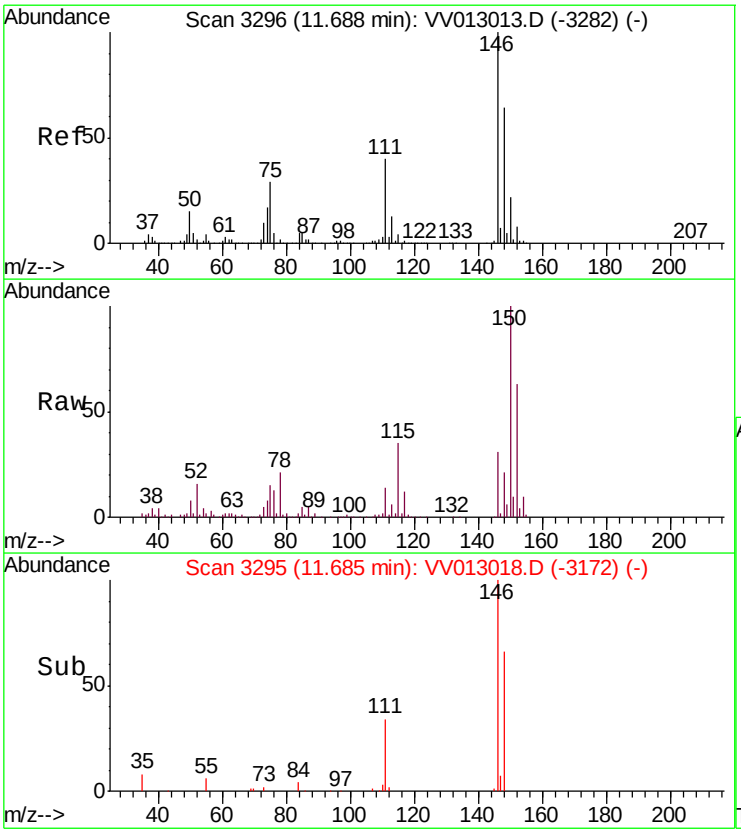
#65
1,4-Dichlorobenzene
Concen: 2.093 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:146 Resp: 57903

Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.4	47.2
148	63.5	44.2	82.2

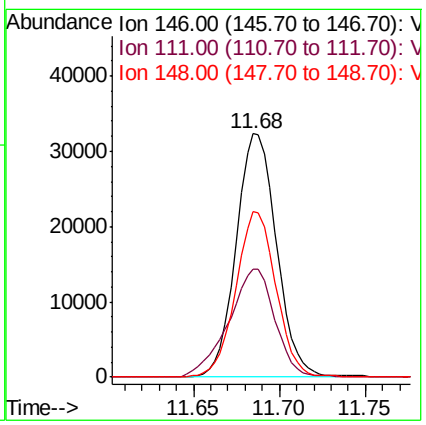


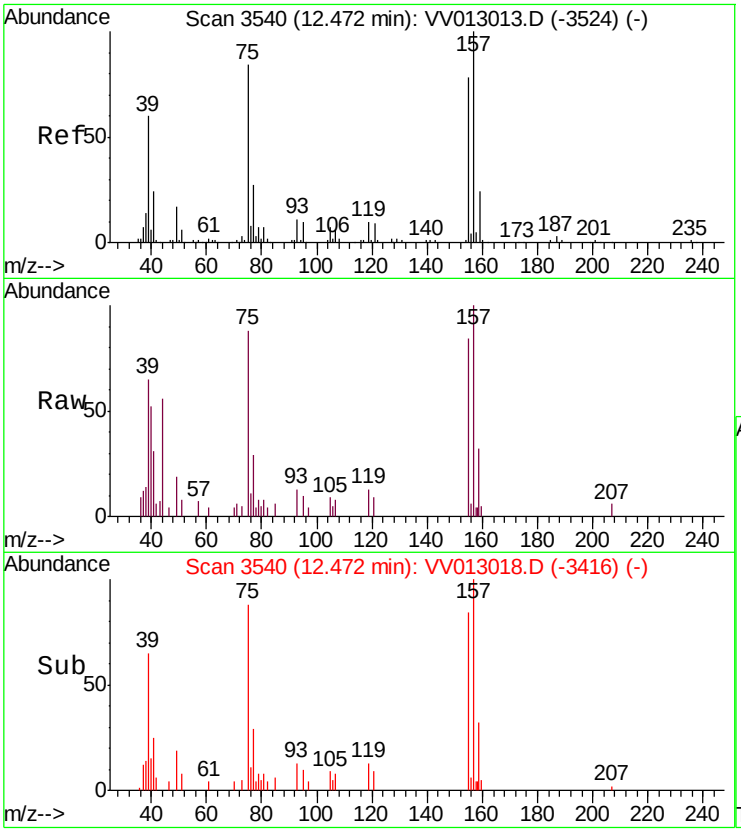


#67
1,2-Dichlorobenzene
Concen: 2.090 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:146 Resp: 52570

Ion	Ratio	Lower	Upper
146	100		
111	44.5	32.0	48.0
148	67.8	50.8	76.2



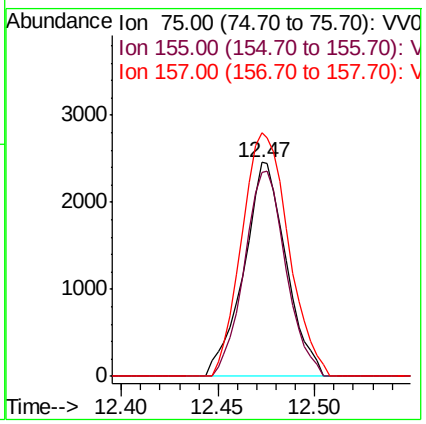


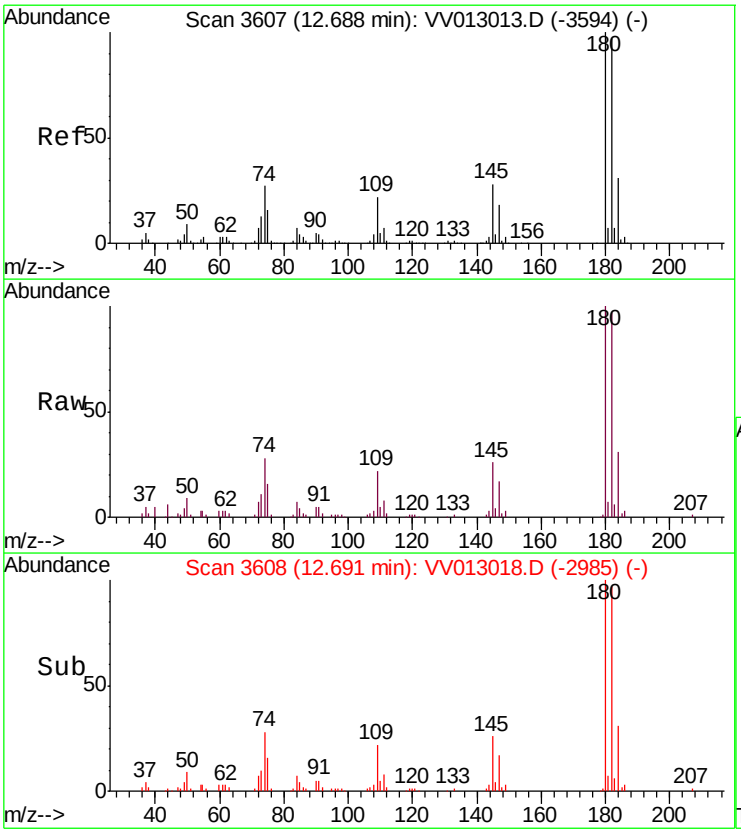
#68
1,2-Dibromo-3-chloropropane
Concen: 1.829 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument : MSVOA_V
ClientSampleId : VBLK67

Tgt Ion: 75 Resp: 3760

Ion	Ratio	Lower	Upper
75	100		
155	95.1	74.4	111.6
157	113.9	95.8	143.6

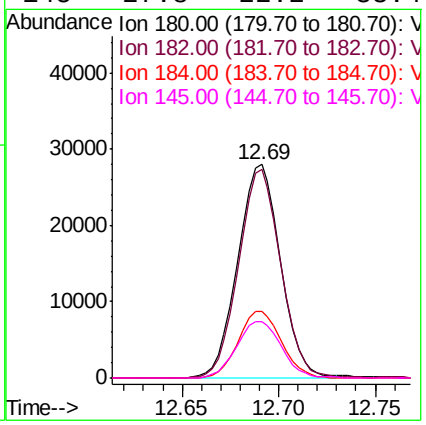


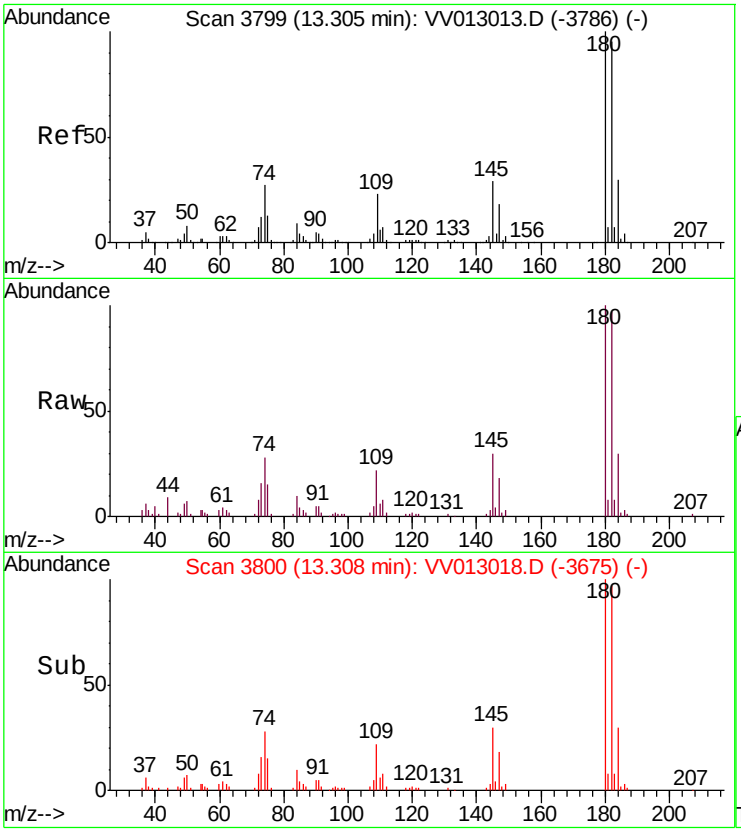


#69
1,3,5-Trichlorobenzene
Concen: 2.029 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:180 Resp: 43035

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
184	31.3	24.6	37.0
145	27.8	22.2	33.4



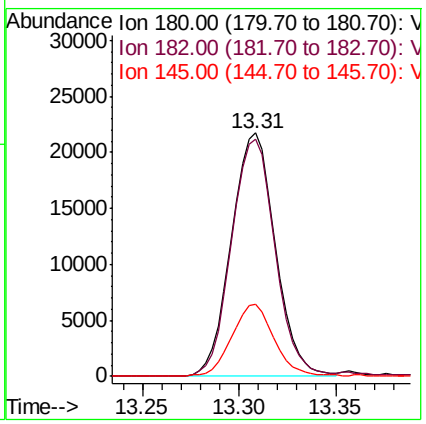


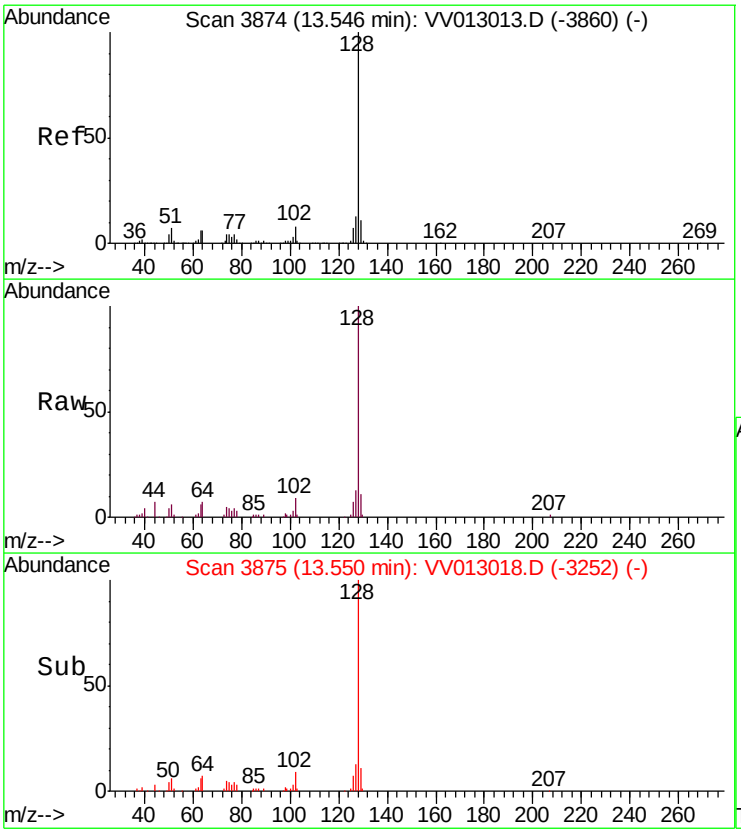
#70
1,2,4-trichlorobenzene
Concen: 1.881 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:180 Resp: 34489

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	28.5	22.5	33.7

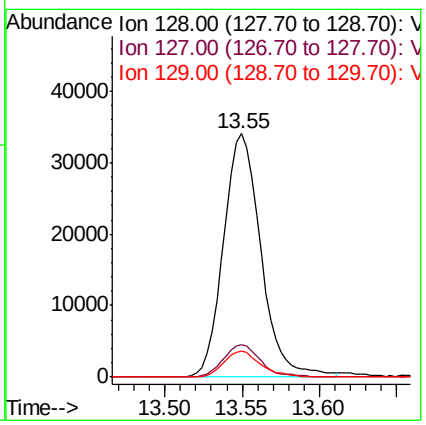


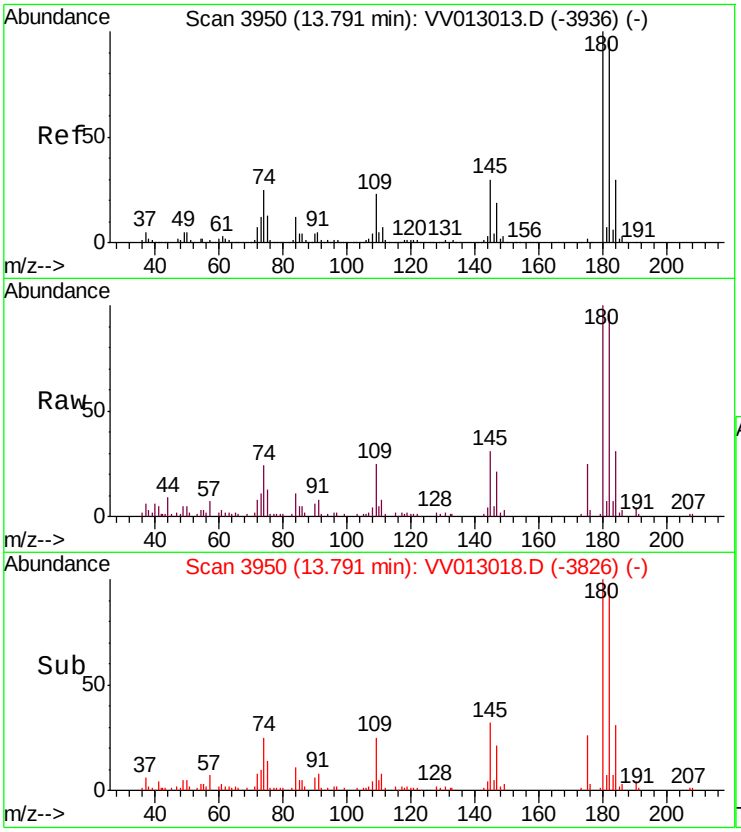


#71
Naphthalene
Concen: 1.602 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Tgt Ion:128 Resp: 57218

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.4	8.6	12.8





#72
1,2,3-Trichlorobenzene
Concen: 1.948 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VV013018.D
Acq: 30 Sep 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion:180 Resp: 34463

Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.7	115.1
145	30.5	24.2	36.4