Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100819\
Data File : VX012920.D
Acq On : 09 Oct 2019 04:18
Operator : JC/SP
Sample : K5154-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-101S

Quant Time: Oct 09 05:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118744	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.14%			
35) Dibromofluoromethane	5.49	113	90217	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
50) Toluene-d8	8.71	98	356399	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
62) 4-Bromofluorobenzene	11.14	95	122185	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.22%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	678	0.341	ug/l	100
5) Bromomethane	1.64	94	272	0.319	ug/l	83
6) Chloroethane	1.73	64	342	0.639	ug/l #	75
11) Tert butyl alcohol	3.02	59	1203	2.028	ug/l #	83
12) 1,1-Dichloroethene	2.37	96	6861	3.792	ug/l	84
16) Acetone	2.44	43	4322	3.664	ug/l	89
18) Methyl Acetate	2.59	43	10332	3.696	ug/l #	51
24) 1,1-Dichloroethane	3.69	63	11346	3.267	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	9356	4.186	ug/l	89
28) Bromochloromethane	5.20	49	348	Below Cal	#	13
30) Chloroform	5.21	83	4923	1.381	ug/l	89
31) Cyclohexane	5.66	56	3832	1.180	ug/l #	25
32) 1,1,1-Trichloroethane	5.49	97	2638	0.874	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	14245	5.319	ug/l #	51
38) Carbon Tetrachloride	5.65	117	18908	7.253	ug/l #	17
44) Trichloroethene	7.21	130	38022	17.333	ug/l	88
49) 1,4-Dioxane	7.75	88	399	41.209	ug/l #	83
51) 4-Methyl-2-Pentanone	8.71	43	1771	0.591	ug/l #	1
60) Dibromochloromethane	9.33	129	21213	11.022	ug/l #	10
64) Tetrachloroethene	9.33	164	21345	11.805	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	62503	27.154	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	62503	68.206	ug/l #	10

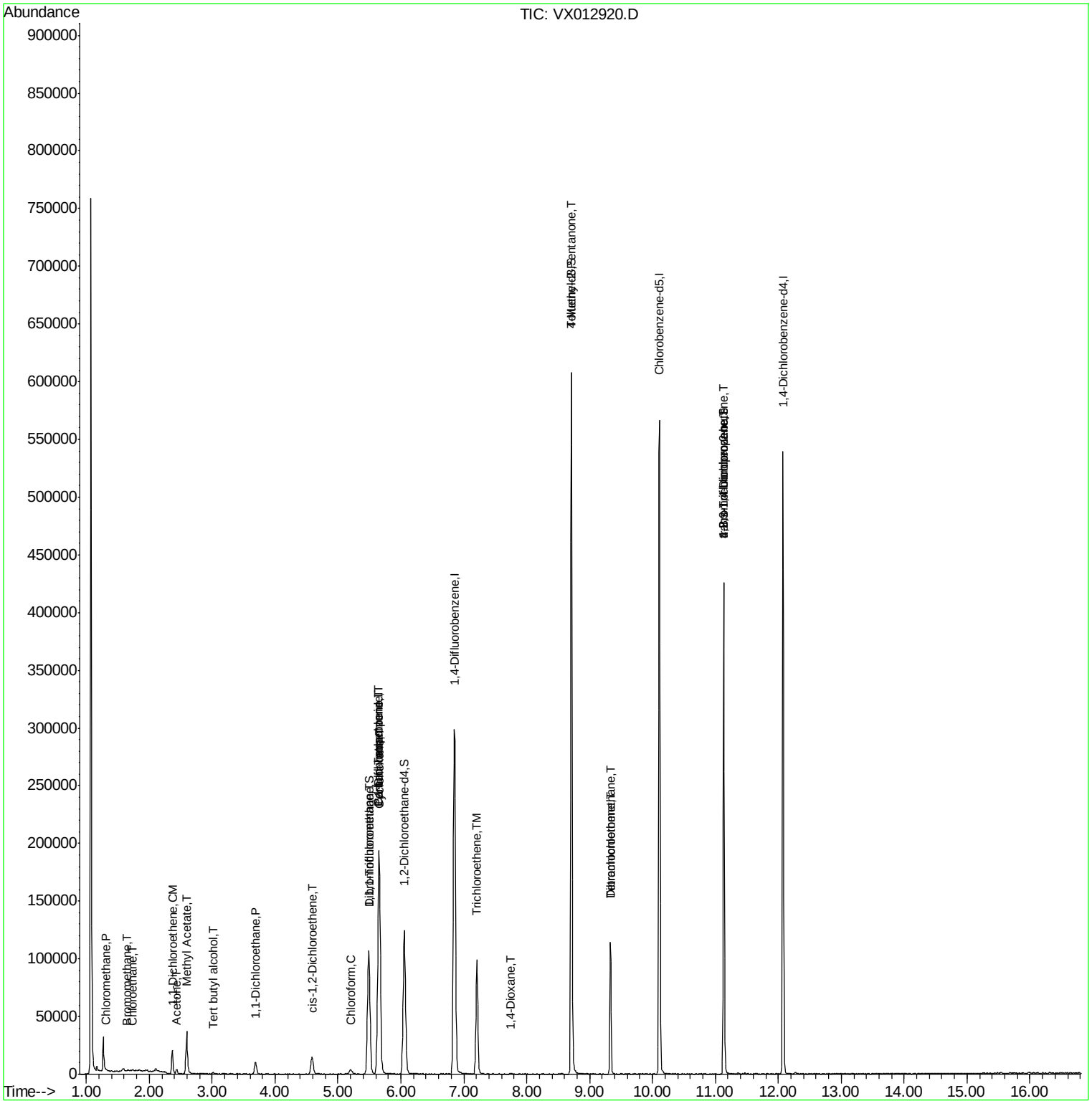
(#) = qualifier out of range (m) = manual integration (+) = signals summed

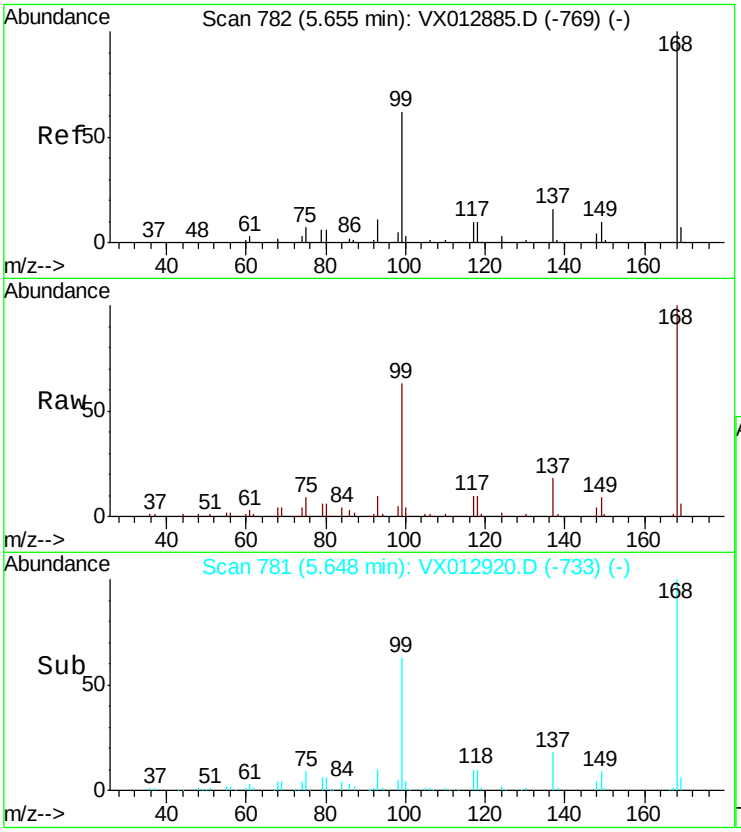
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012920.D
Acq On : 09 Oct 2019 04:18
Operator : JC/SP
Sample : K5154-24
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Time: Oct 09 05:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration



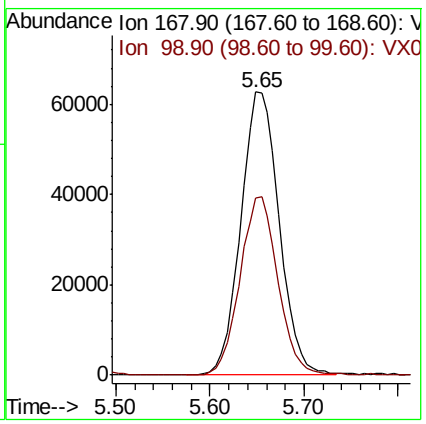


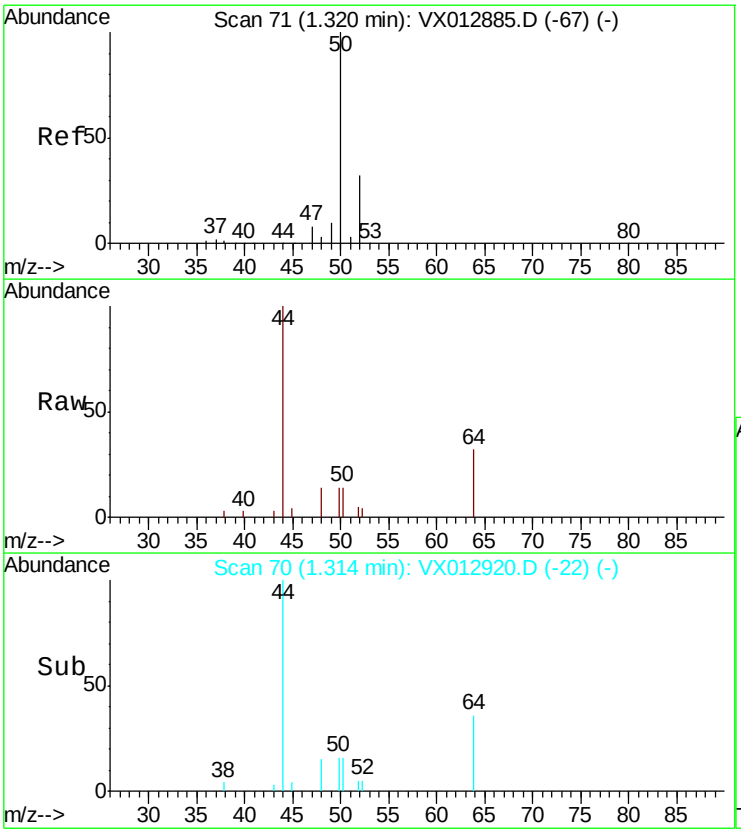
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:168 Resp: 179034

Ion	Ratio	Lower	Upper
168	100		
99	62.7	49.4	74.0

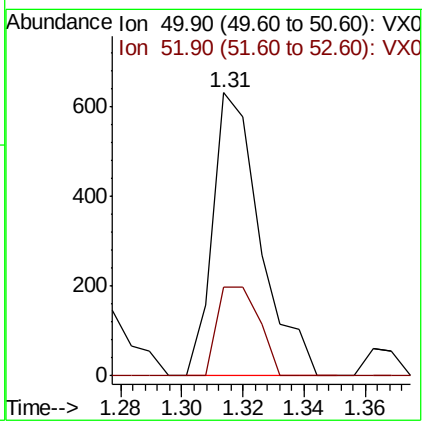


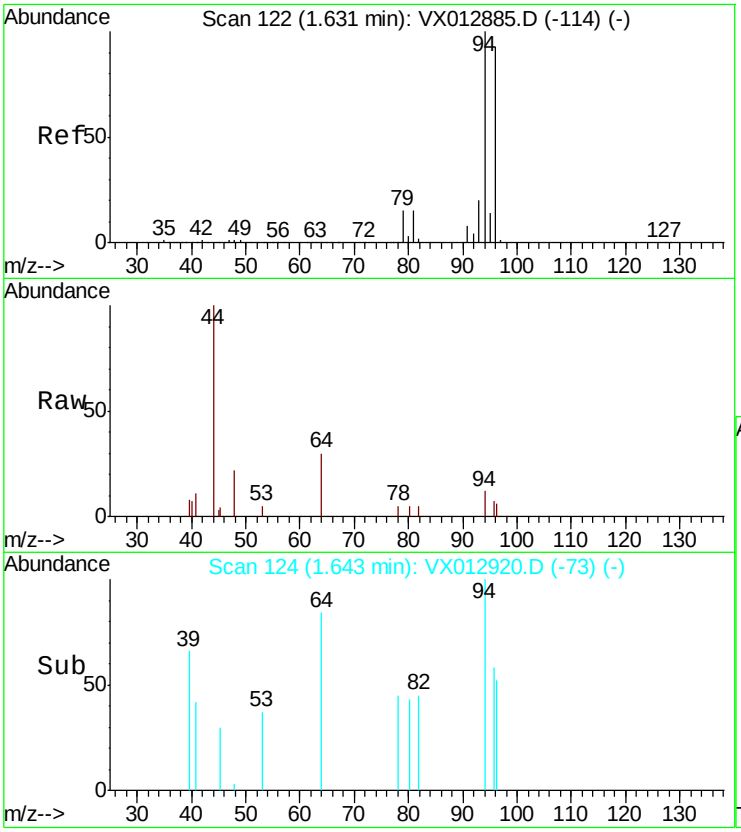


#3
Chloromethane
Concen: 0.341 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 50 Resp: 678

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.2	37.8



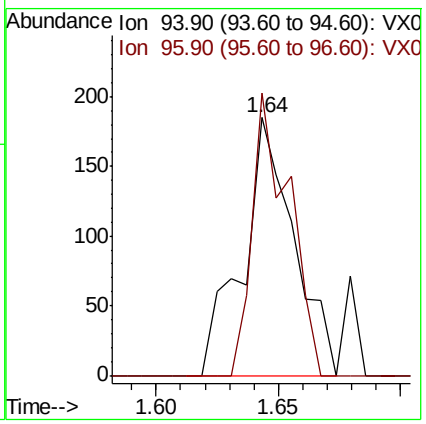


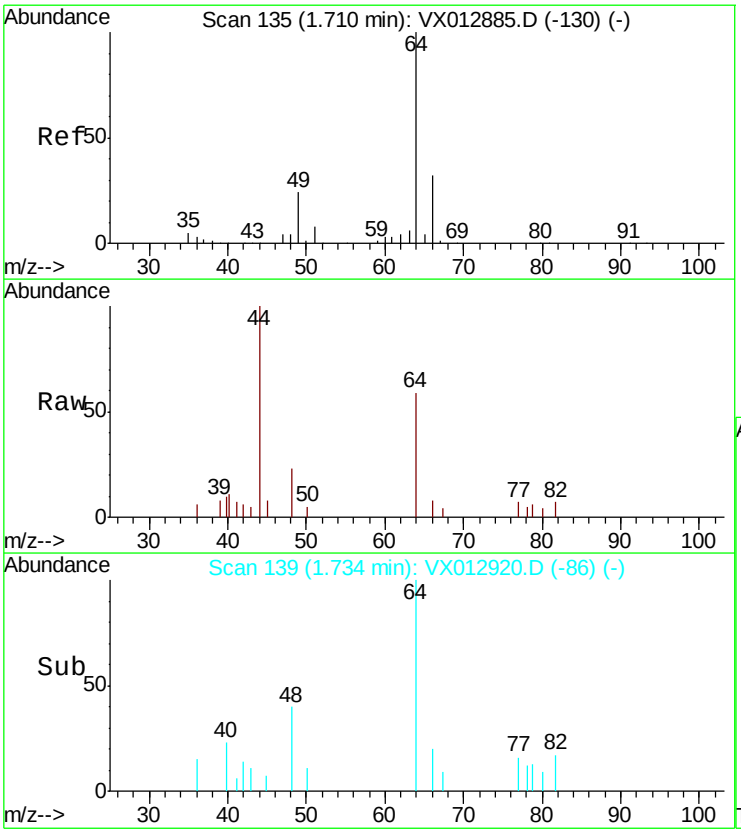
#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 94 Resp: 272

Ion	Ratio	Lower	Upper
94	100		
96	109.7	74.7	112.1

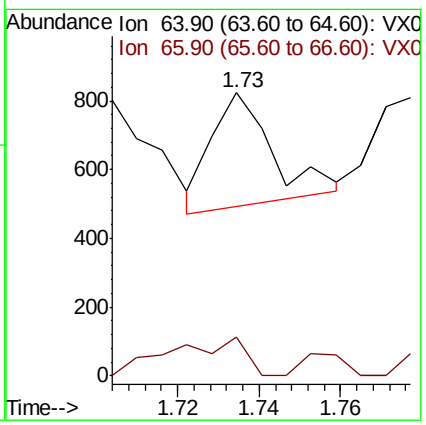


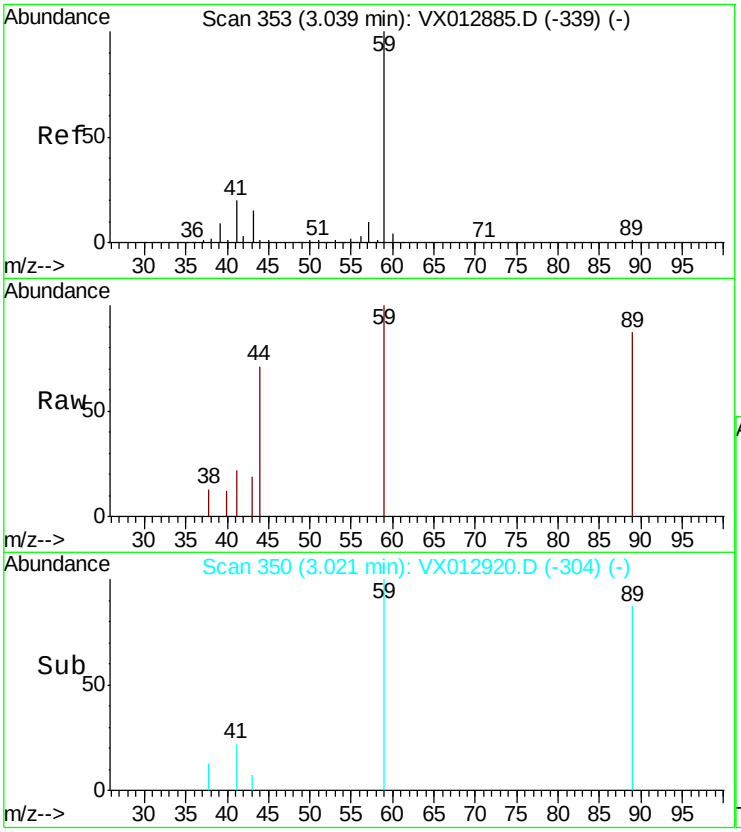


#6
Chloroethane
Concen: 0.639 ug/l
RT: 1.73 min Scan# 139
Delta R.T. 0.02 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 64 Resp: 342

Ion	Ratio	Lower	Upper
64	100		
66	17.9	25.6	38.4#



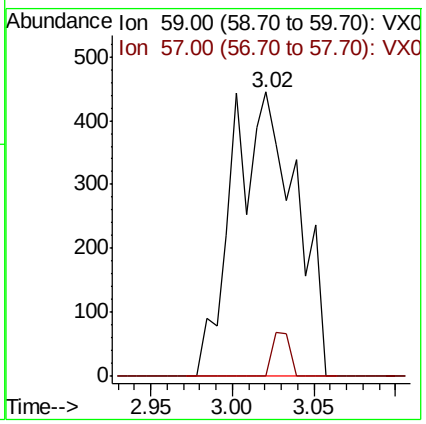


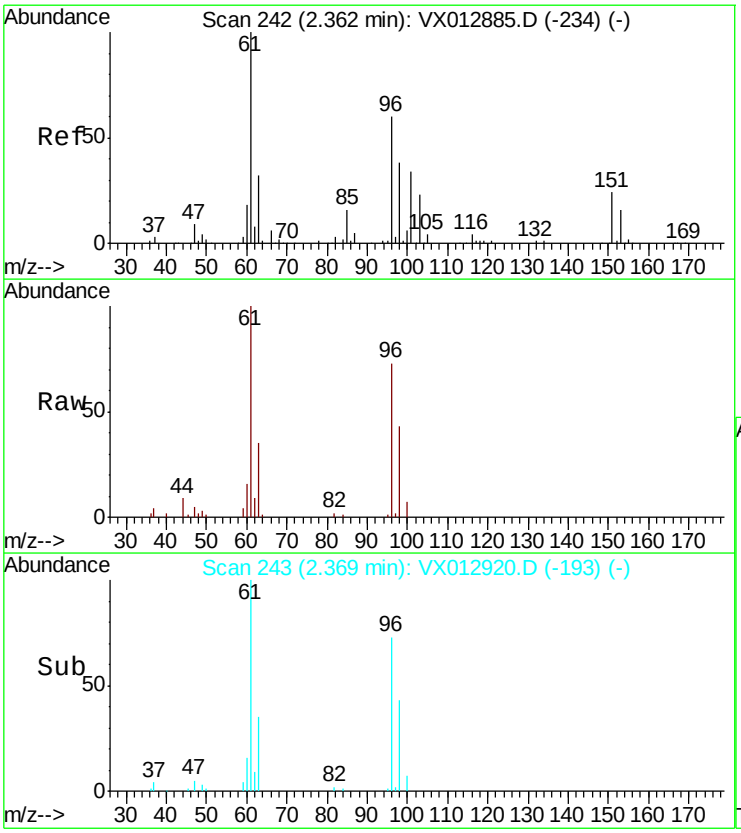
#11
Tert butyl alcohol
Concen: 2.028 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 59 Resp: 1203

Ion	Ratio	Lower	Upper
59	100		
57	4.1	8.3	12.5#

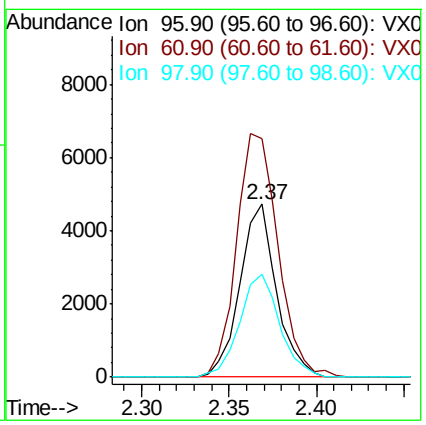


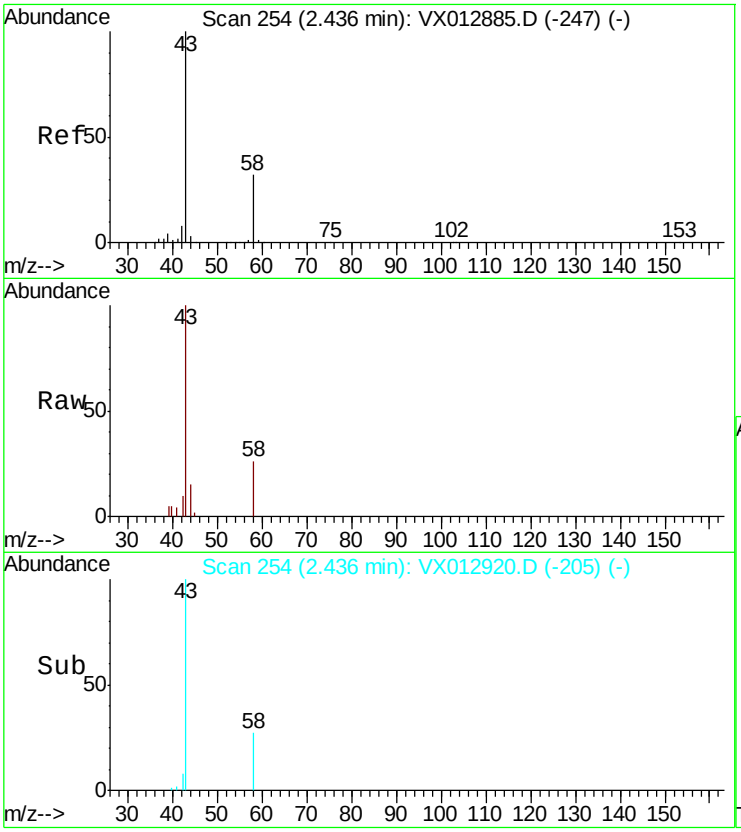


#12
1,1-Dichloroethene
Concen: 3.792 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 96 Resp: 6861

Ion	Ratio	Lower	Upper
96	100		
61	137.8	132.2	198.4
98	59.1	50.5	75.7



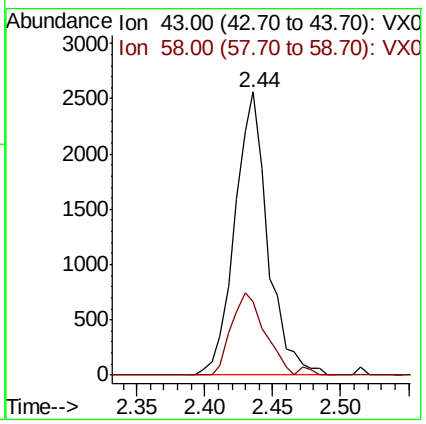


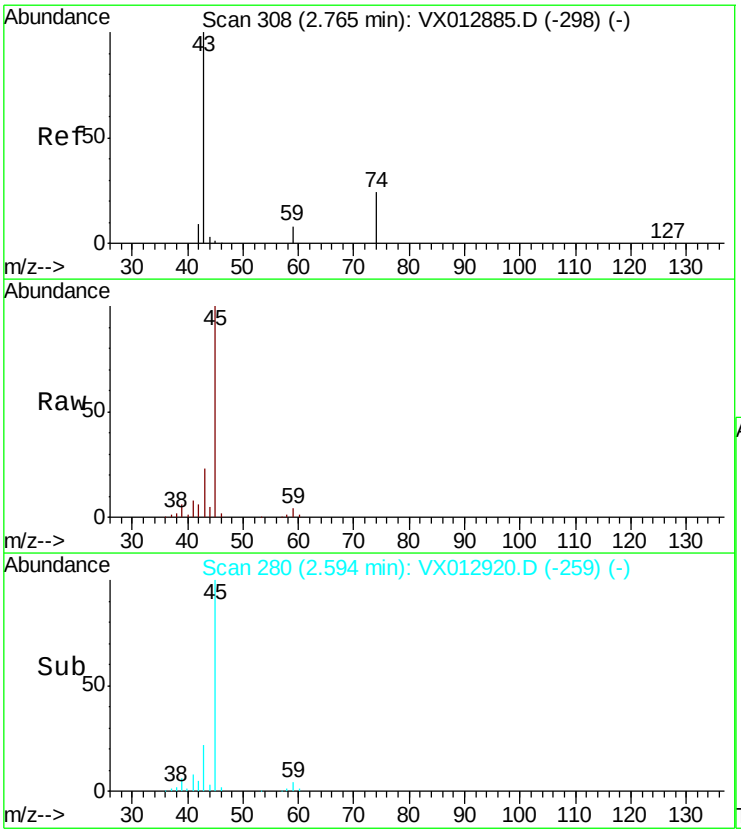
#16
Acetone
Concen: 3.664 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 43 Resp: 4322

Ion	Ratio	Lower	Upper
43	100		
58	25.9	25.4	38.2

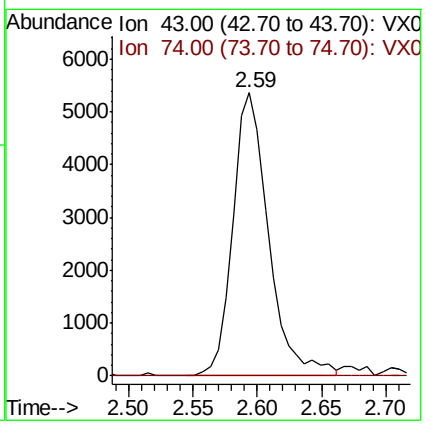


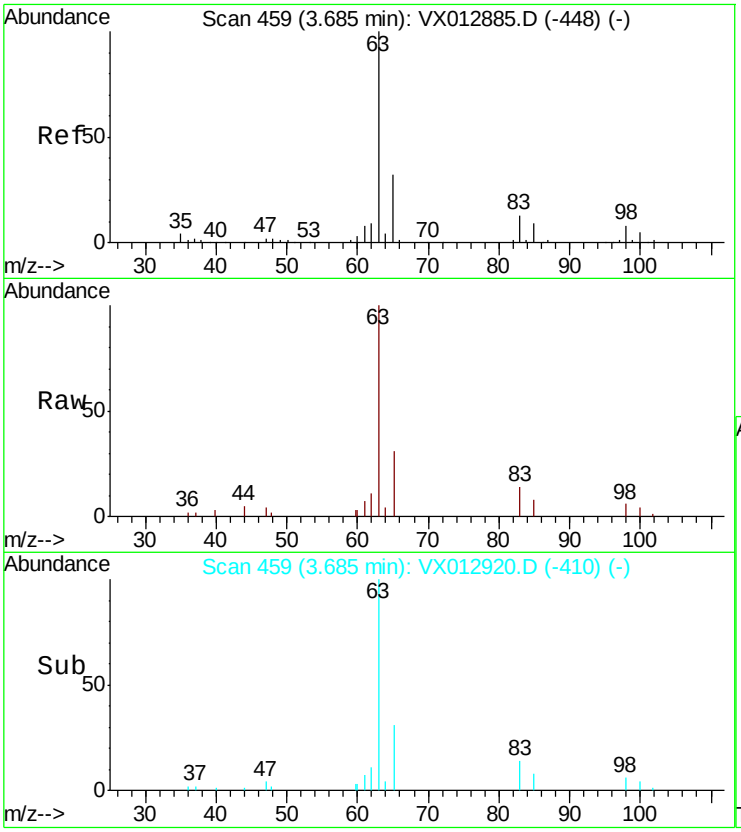


#18
Methyl Acetate
Concen: 3.696 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 43 Resp: 10332

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



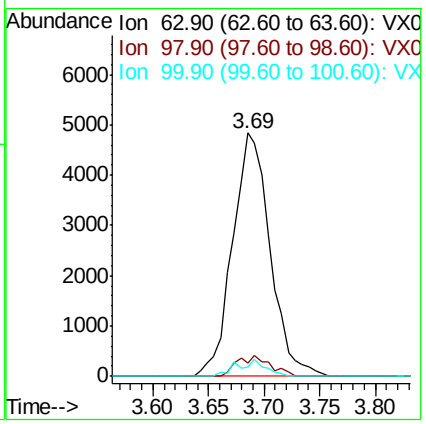


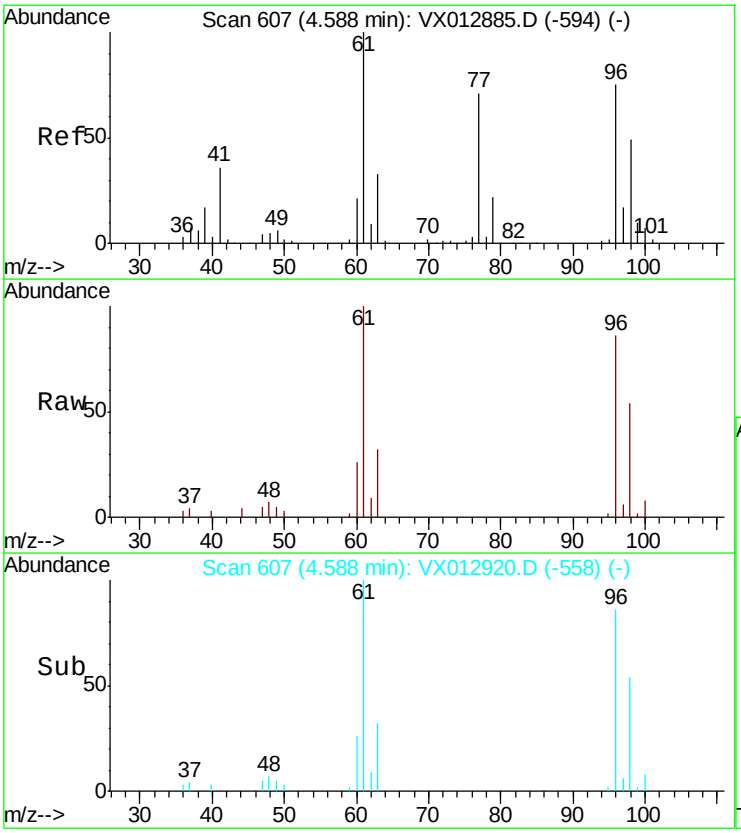
#24
1,1-Dichloroethane
Concen: 3.267 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 63 Resp: 11346

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.9	11.5
100	3.8	2.3	6.9

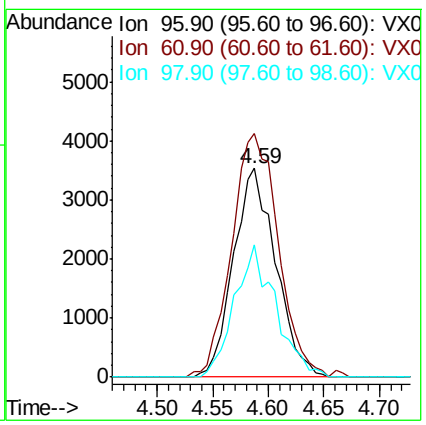


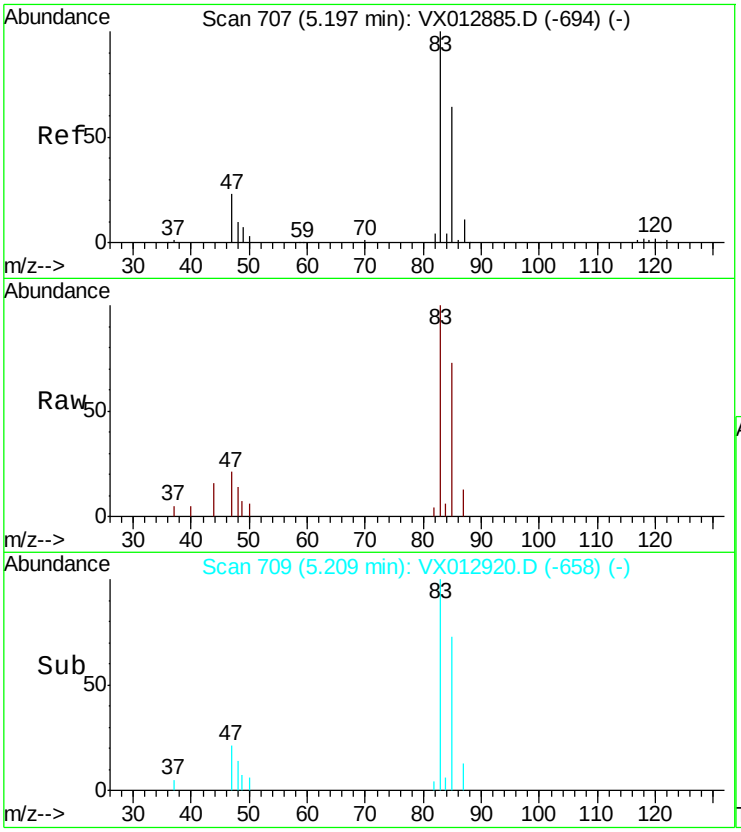


#27
cis-1,2-Dichloroethene
Concen: 4.186 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 96 Resp: 9356

Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	290.6
98	61.6	0.0	128.8



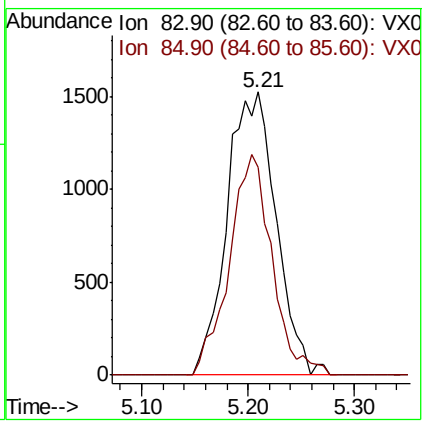


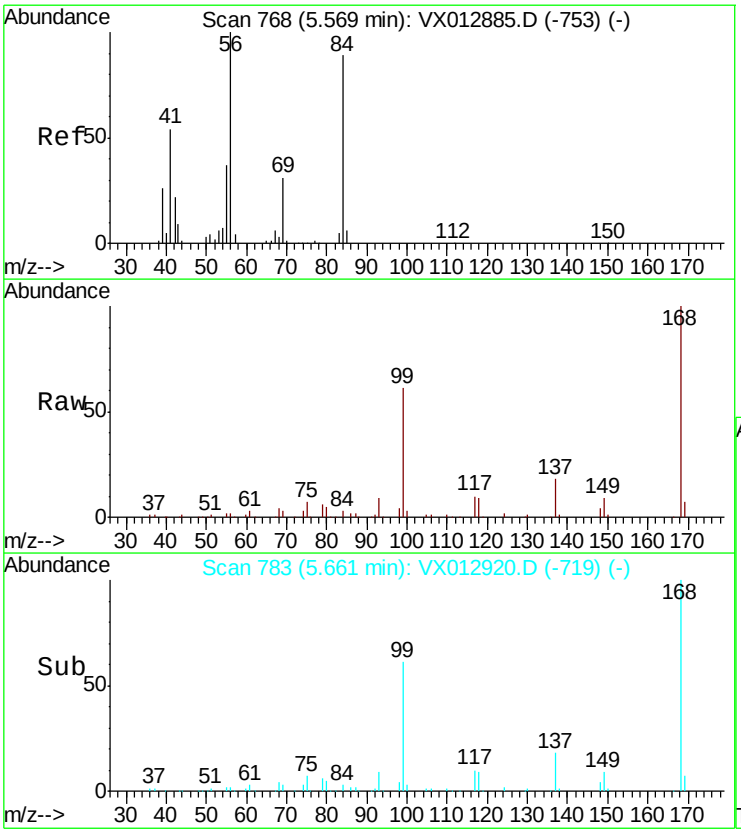
#30
Chloroform
Concen: 1.381 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 83 Resp: 4923

Ion	Ratio	Lower	Upper
83	100		
85	73.3	51.5	77.3

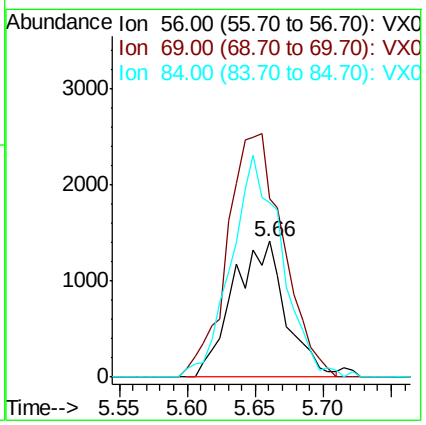


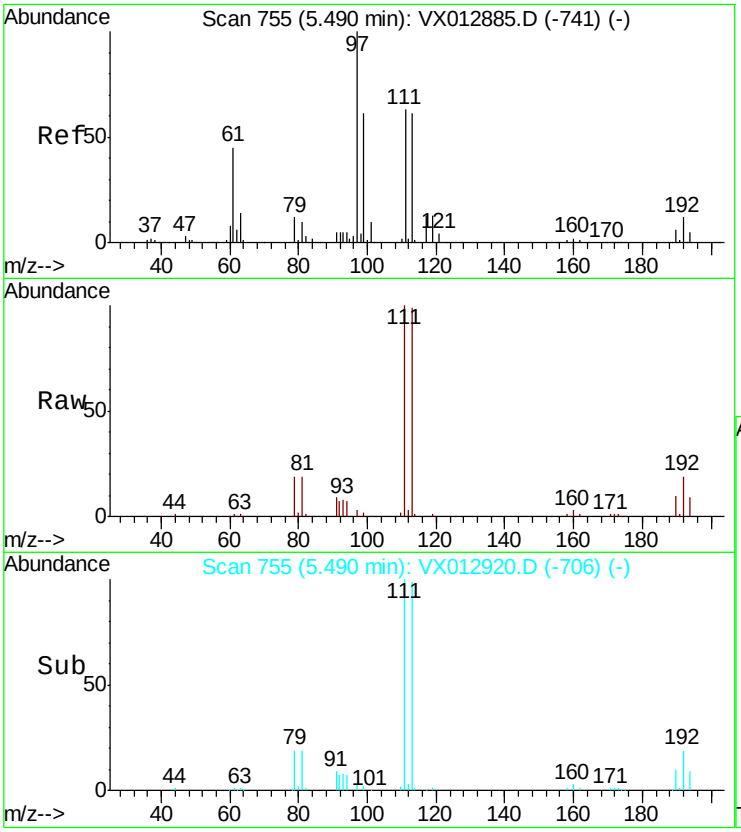


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.66 min Scan# 783
Delta R.T. 0.09 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 56 Resp: 3832

Ion	Ratio	Lower	Upper
56	100		
69	131.6	25.2	37.8#
84	123.7	71.3	106.9#



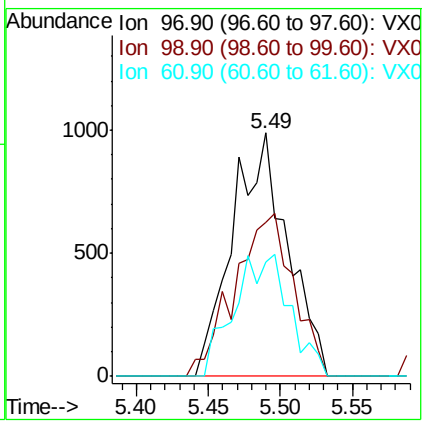


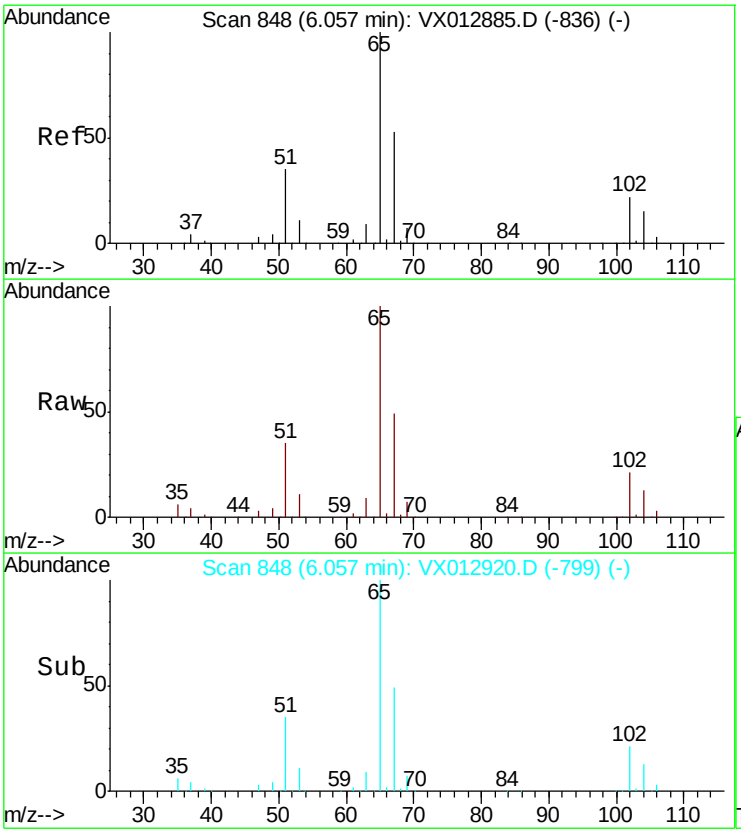
#32
1,1,1-Trichloroethane
Concen: 0.874 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 97 Resp: 2638

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	50.4	35.0	52.4

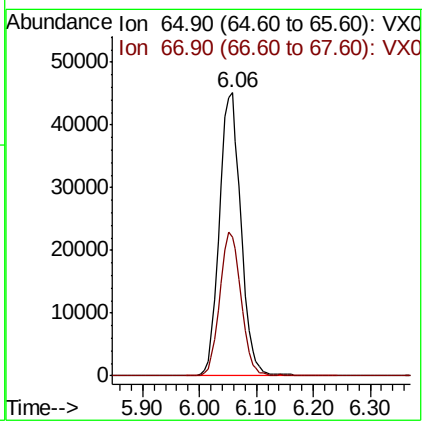


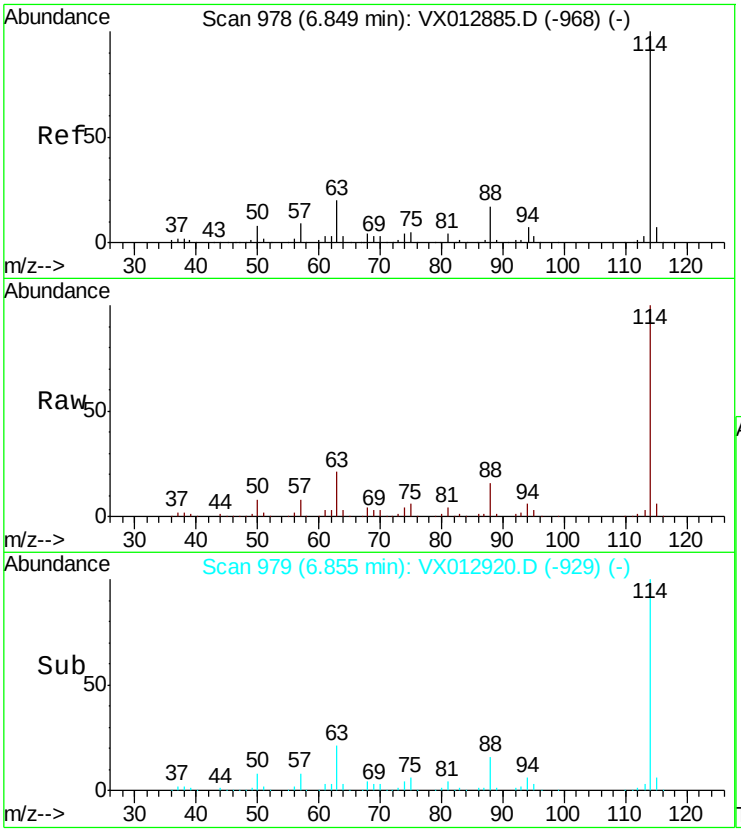


#33
1,2-Dichloroethane-d4
Concen: 53.065 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 65 Resp: 118744

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.4



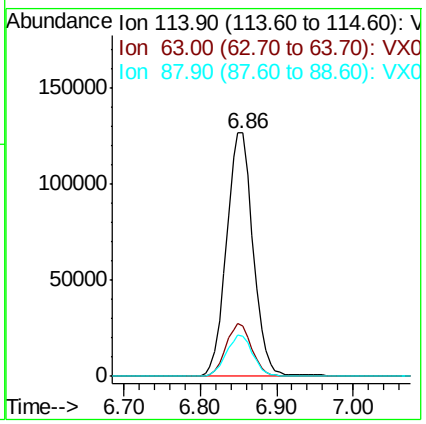


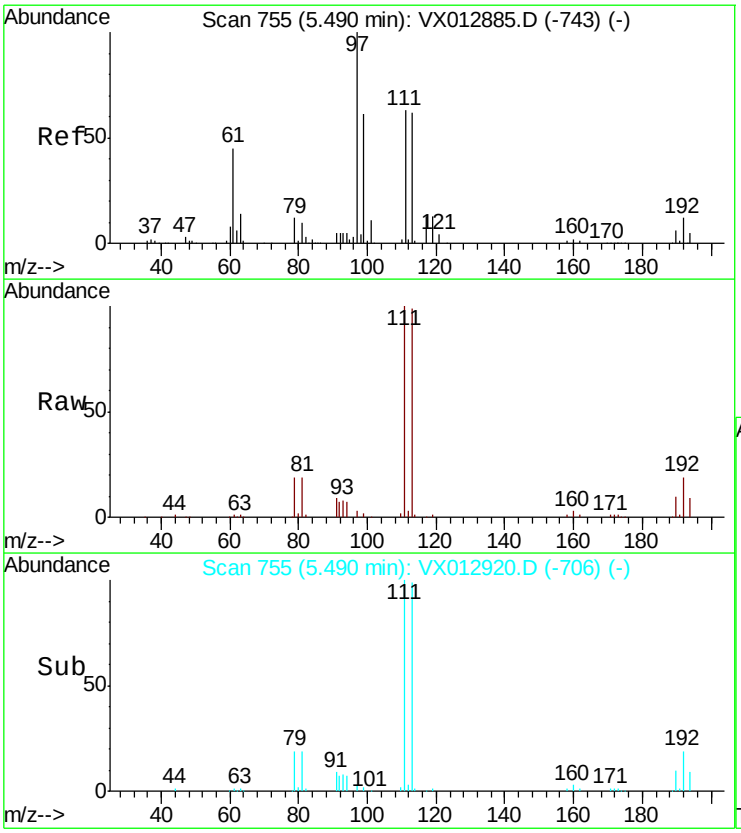
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:114 Resp: 304627

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.4	0.0	33.8

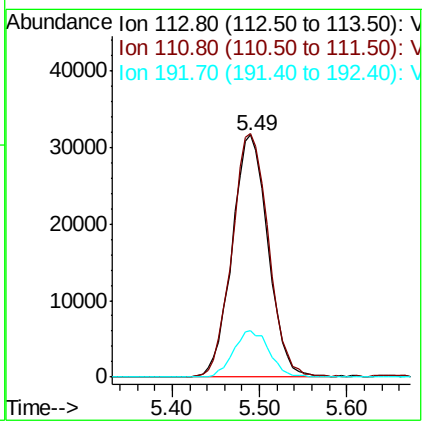


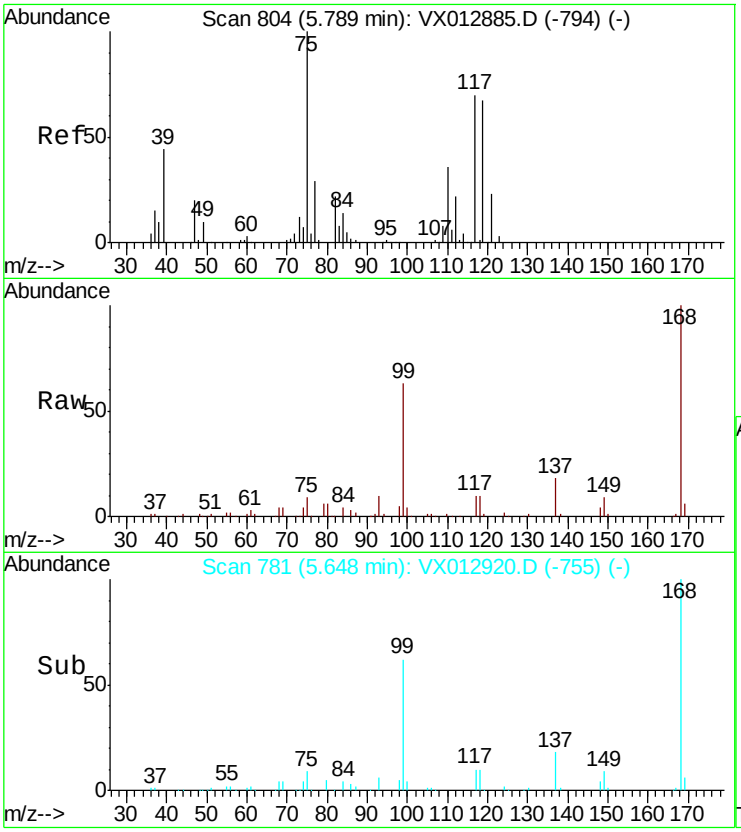


#35
Dibromofluoromethane
Concen: 51.600 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion:113 Resp: 90217

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	19.2	15.4	23.2



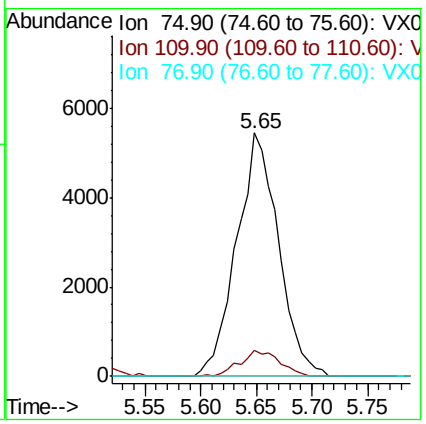


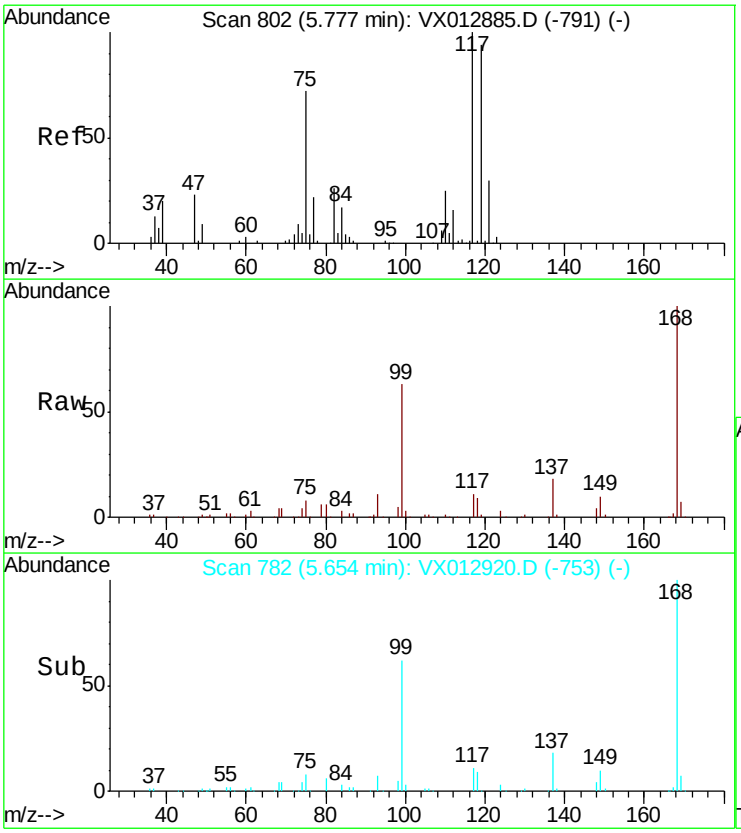
#36
1,1-Dichloropropene
Concen: 5.319 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 75 Resp: 14245

Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.6	52.9#
77	0.0	24.4	36.6#

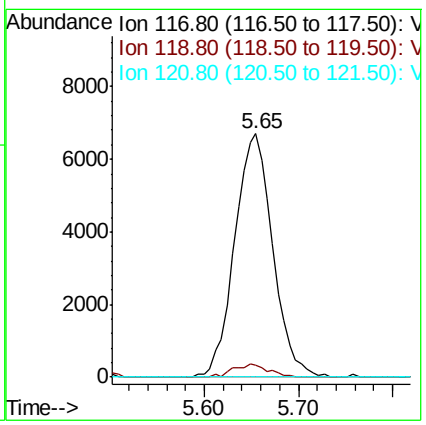


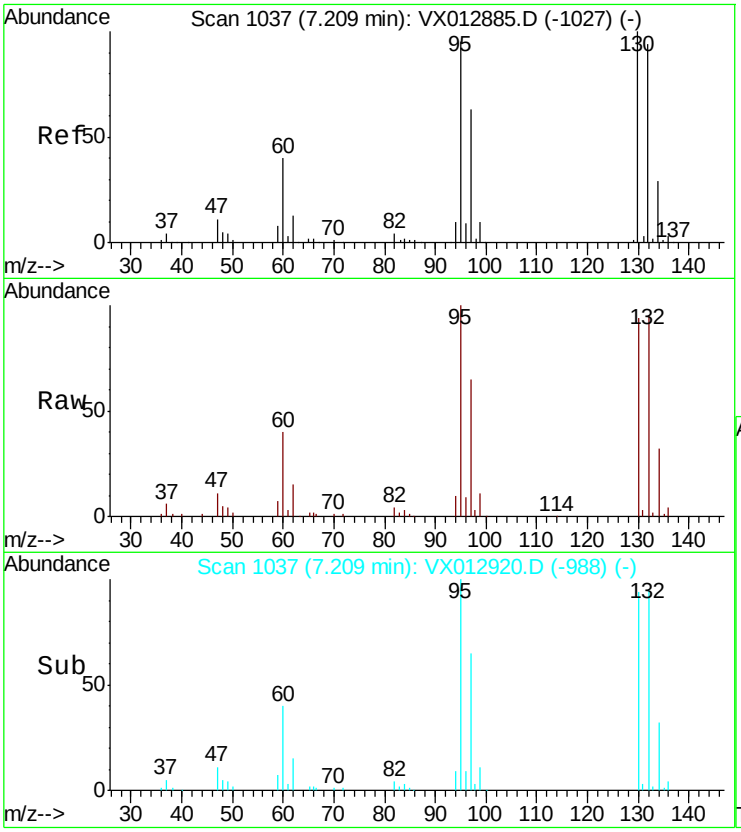


#38
Carbon Tetrachloride
Concen: 7.253 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion:117 Resp: 18908

Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.5	111.7#
121	0.0	24.2	36.4#



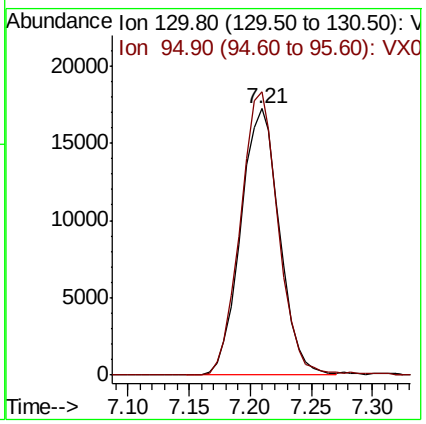


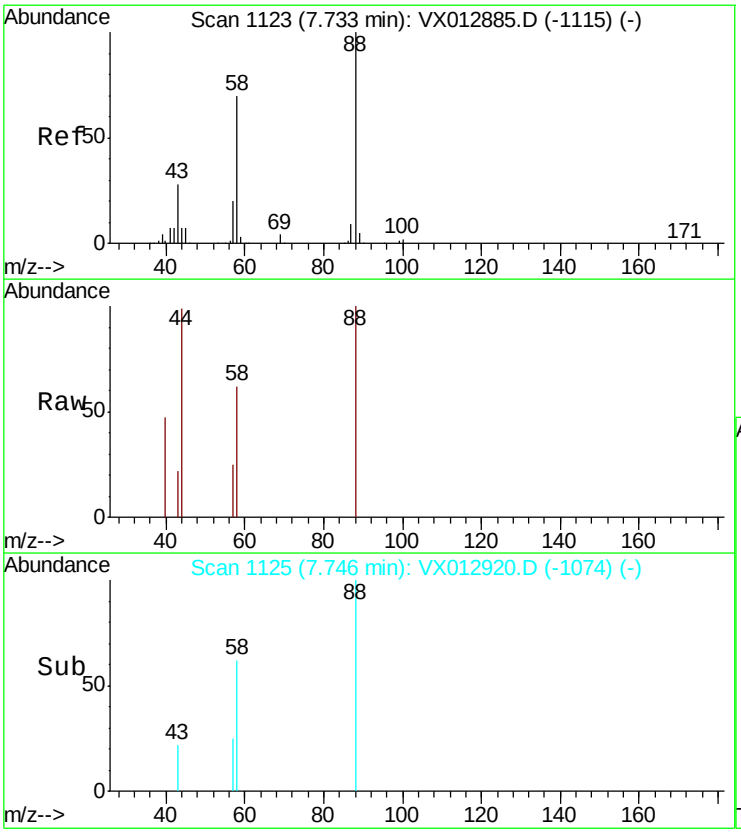
#44
Trichloroethene
Concen: 17.333 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:130 Resp: 38022

Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	189.2

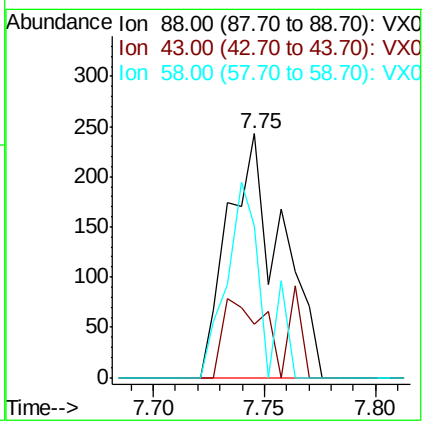


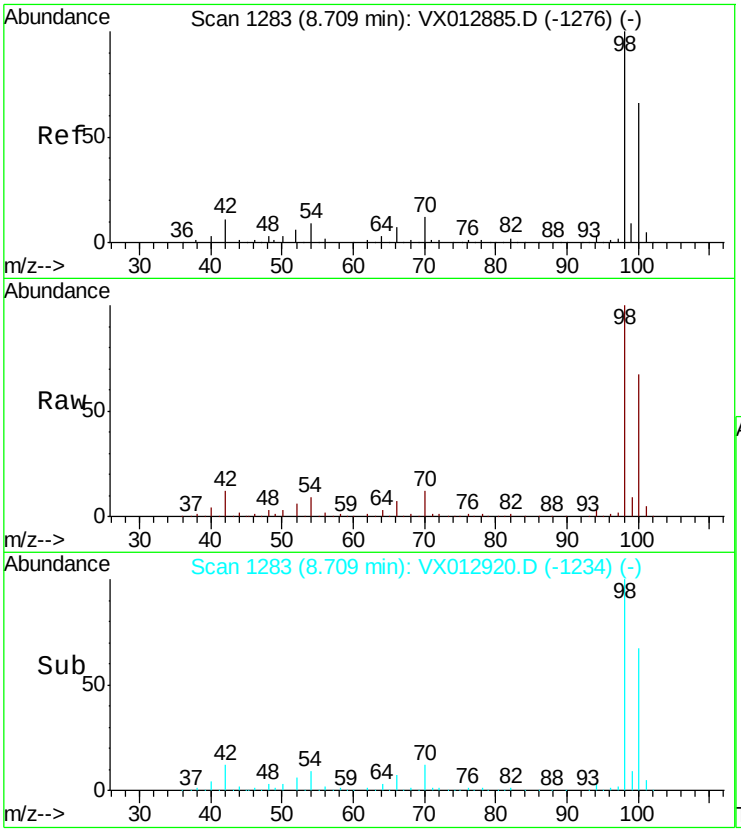


#49
1,4-Dioxane
Concen: 41.209 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 88 Resp: 399

Ion	Ratio	Lower	Upper
88	100		
43	24.6	25.0	37.6#
58	54.1	55.4	83.2#



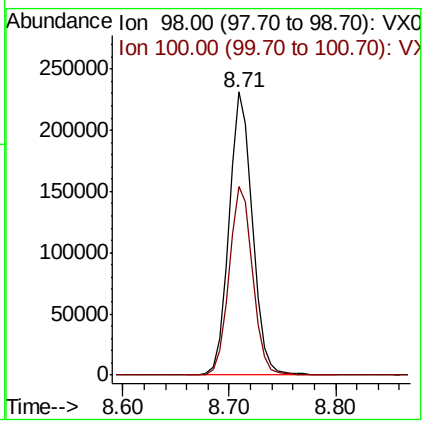


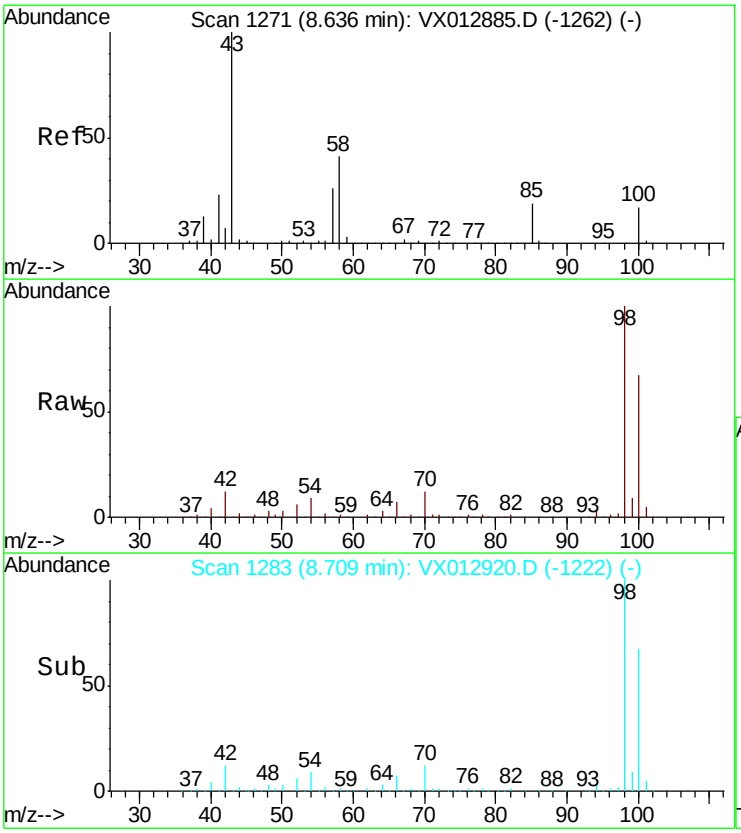
#50
Toluene-d8
Concen: 52.264 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 98 Resp: 356399

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2

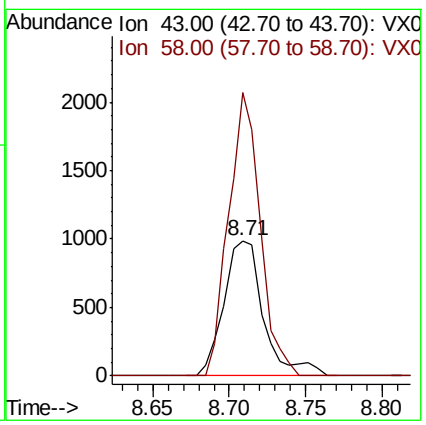


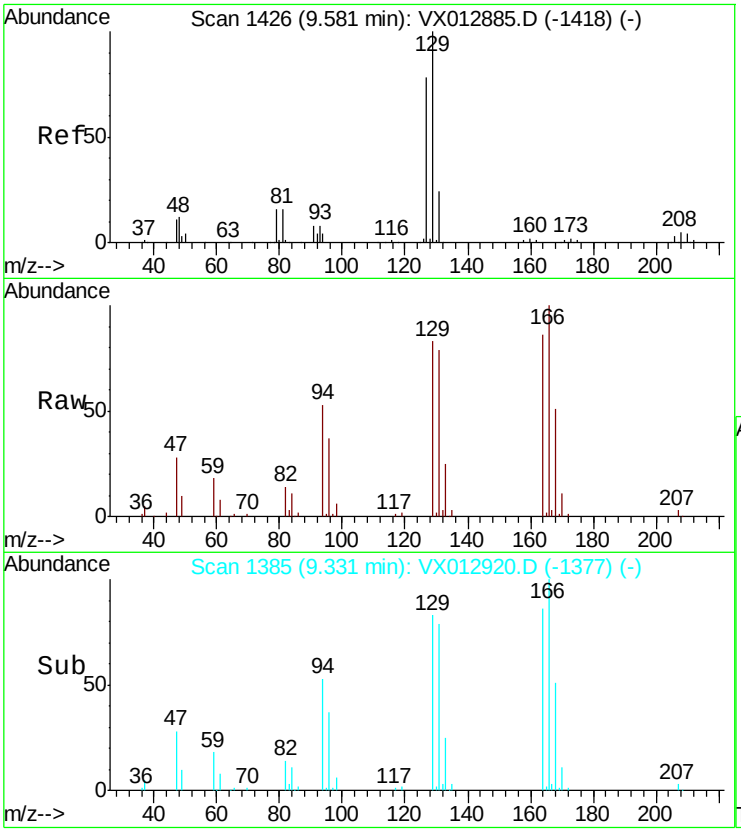


#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 43 Resp: 1771

Ion	Ratio	Lower	Upper
43	100		
58	167.2	32.4	48.6#



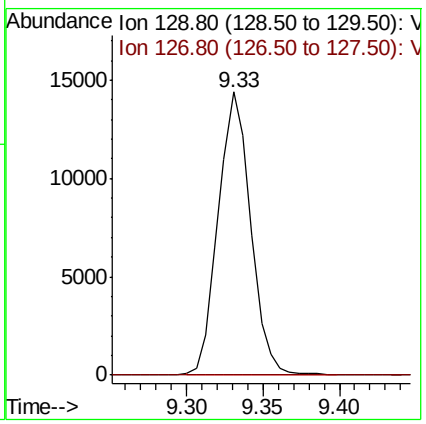


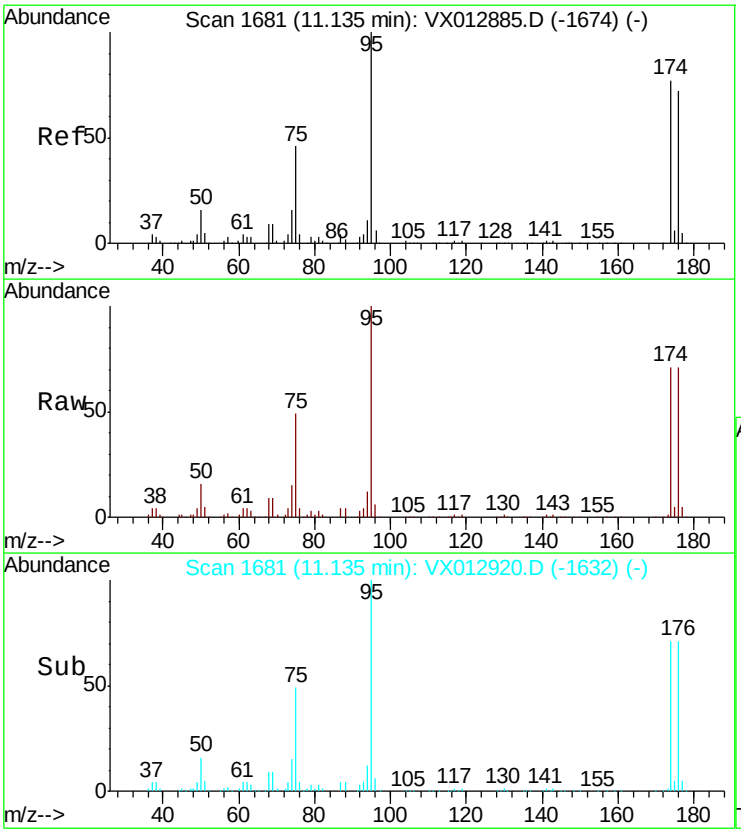
#60
Dibromochloromethane
Concen: 11.022 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:129 Resp: 21213

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.7#

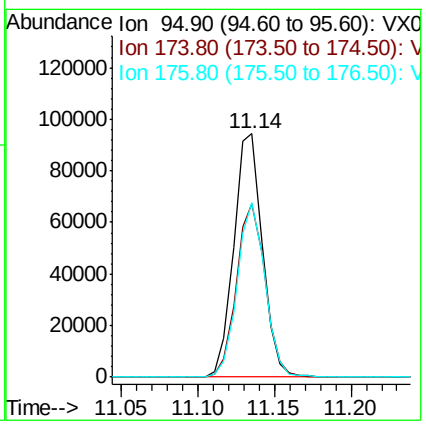


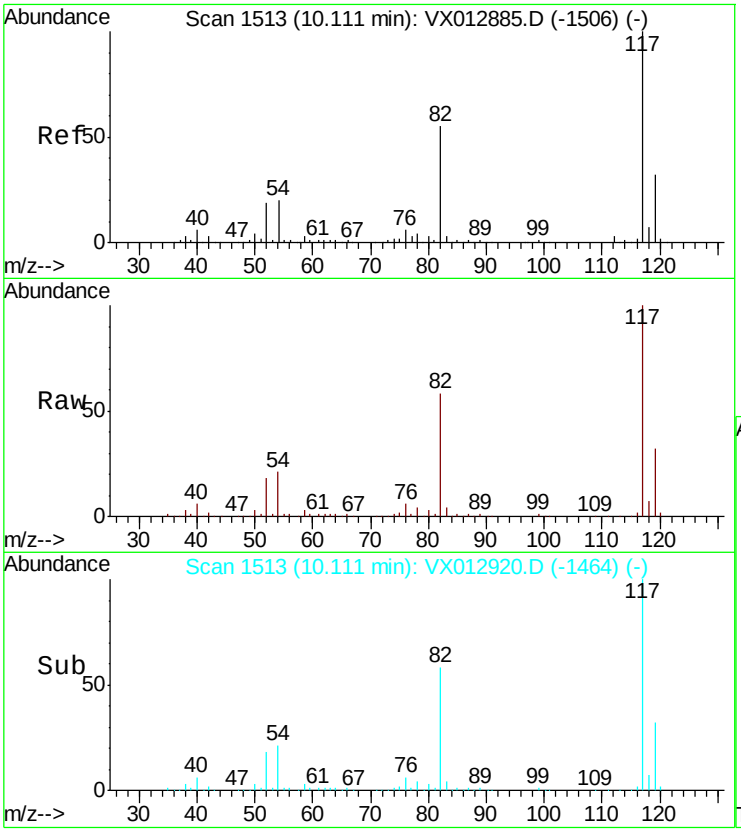


#62
4-Bromofluorobenzene
Concen: 46.114 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 95 Resp: 122185

Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	143.4
176	69.7	0.0	136.0



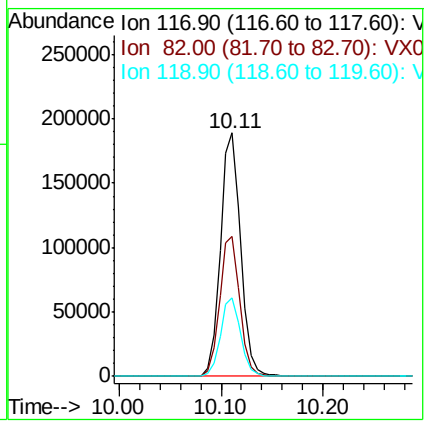


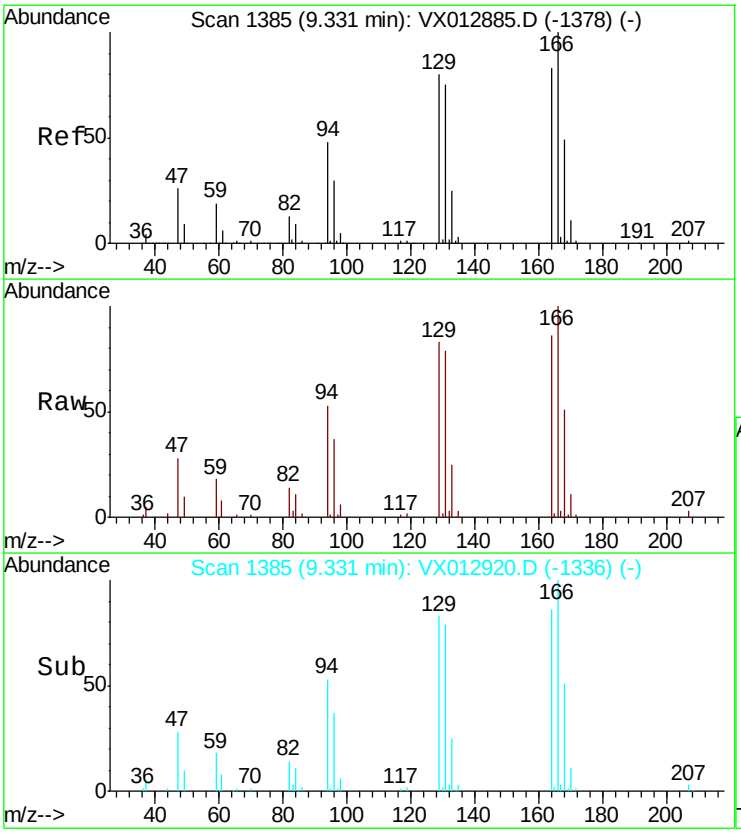
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:117 Resp: 260699

Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.1	66.1
119	32.5	25.8	38.8

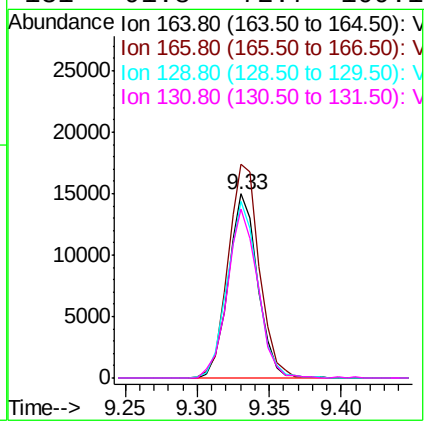


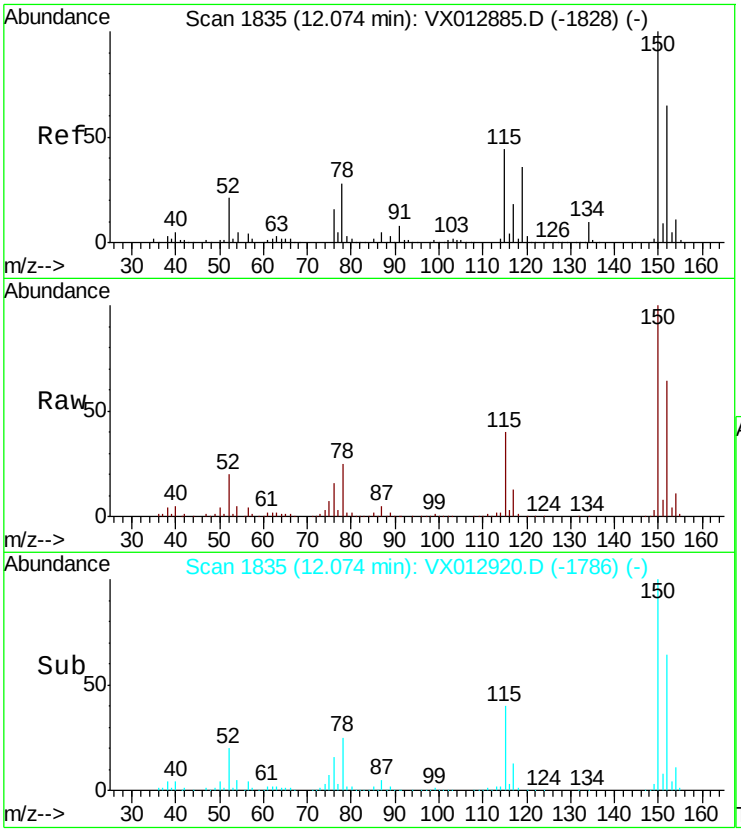


#64
Tetrachloroethene
Concen: 11.805 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion:164 Resp: 21345

Ion	Ratio	Lower	Upper
164	100		
166	116.1	96.9	145.3
129	96.2	77.9	116.9
131	91.8	72.7	109.1



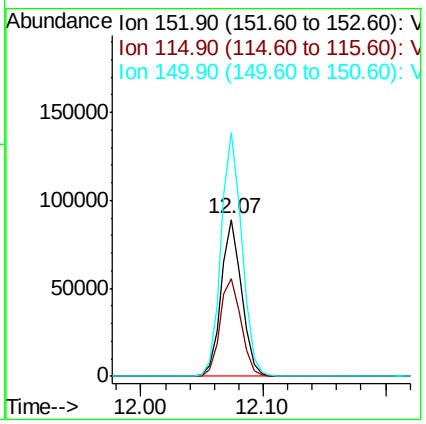


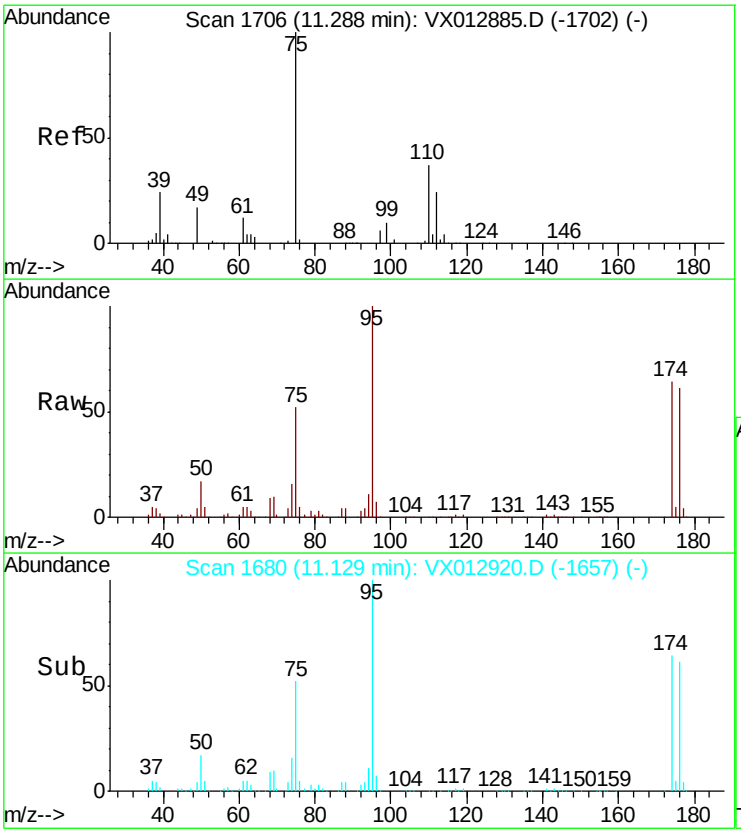
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:152 Resp: 103779

Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.5	133.5
150	157.6	0.0	353.4

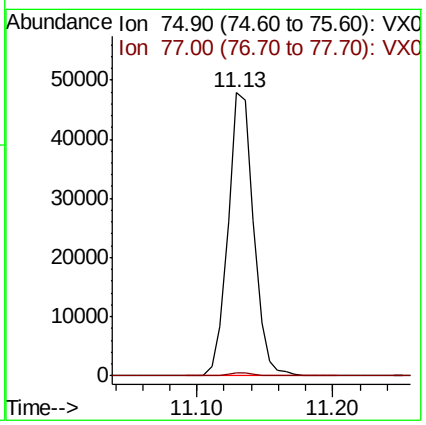


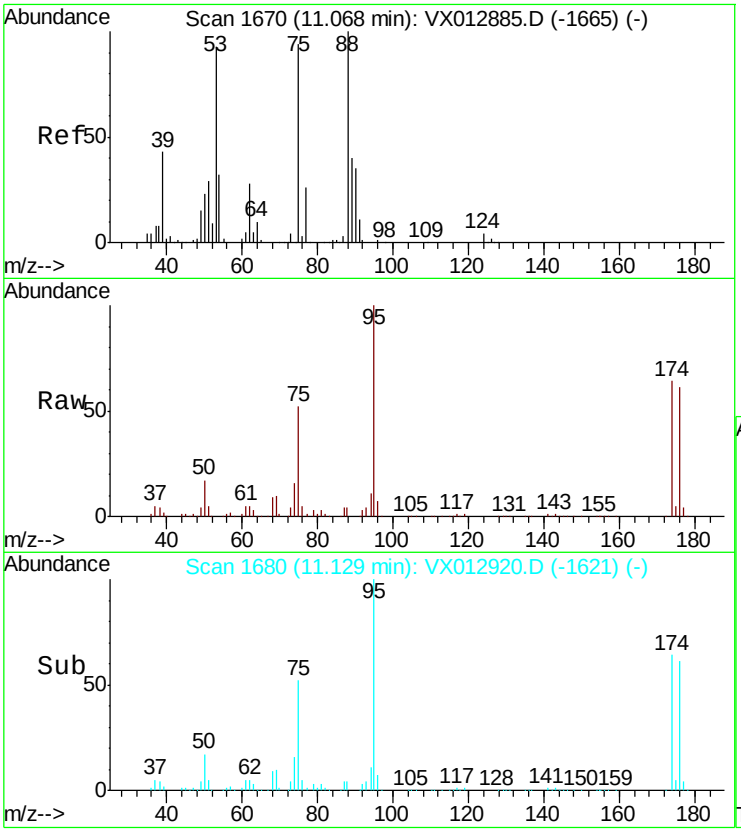


#76
1,2,3-Trichloropropane
Concen: 27.154 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 75 Resp: 62503

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.9	68.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.206 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 75 Resp: 62503

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	37.4	56.2#