Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061419\
Data File : VX010302.D
Acq On : 14 Jun 2019 15:52
Operator : JC/SP
Sample : K3309-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF001MW002-190610

Quant Time: Jun 15 01:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	317763	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	489487	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	438926	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208379	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	144761	46.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.34%				
35) Dibromofluoromethane	5.50	113	146464	48.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.02%				
50) Toluene-d8	8.71	98	568993	50.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.56%				
62) 4-Bromofluorobenzene	11.13	95	196836	46.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.16%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	18123	6.641	ug/l		100
5) Bromomethane	1.65	94	375	0.364	ug/l	#	59
8) Diethyl Ether	2.20	74	438	0.313	ug/l		79
10) Methyl Iodide	2.52	142	1030	0.238	ug/l		93
11) Tert butyl alcohol	3.01	59	6795	8.943	ug/l	#	78
12) 1,1-Dichloroethene	2.38	96	1267	0.444	ug/l		84
13) Acrolein	2.31	56	87	0.628	ug/l	#	74
16) Acetone	2.45	43	1116	0.765	ug/l	#	72
21) trans-1,2-Dichloroethene	3.17	96	1096	0.347	ug/l	#	74
27) cis-1,2-Dichloroethene	4.60	96	50037	14.240	ug/l		69
31) Cyclohexane	5.66	56	4889	1.083	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	19225	4.814	ug/l	#	52
38) Carbon Tetrachloride	5.66	117	28306	6.262	ug/l	#	17
40) Benzene	6.15	78	19573	1.585	ug/l		98
45) 1,2-Dichloropropane	7.51	63	3708	1.200	ug/l		96
49) 1,4-Dioxane	7.73	88	53	0.572	ug/l	#	57
52) Toluene	8.79	92	2048	0.252	ug/l		89
65) Chlorobenzene	10.13	112	91355	10.084	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	90302	21.666	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	90302	47.869	ug/l	#	10
88) 1,4-Dichlorobenzene	12.10	146	33140	4.666	ug/l		97
91) 1,2-Dichlorobenzene	12.39	146	14650	2.139	ug/l		97

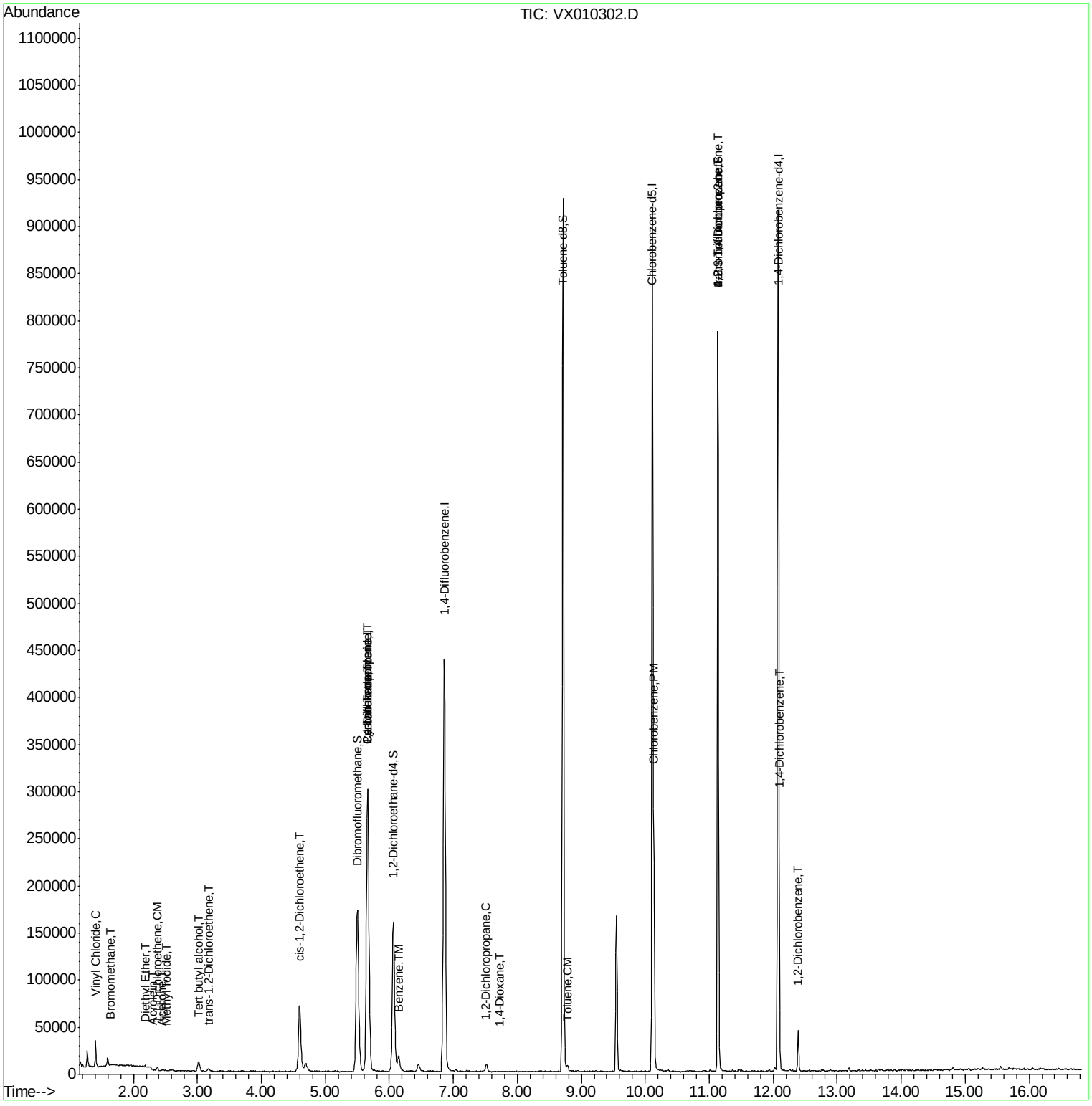
(#) = qualifier out of range (m) = manual integration (+) = signals summed

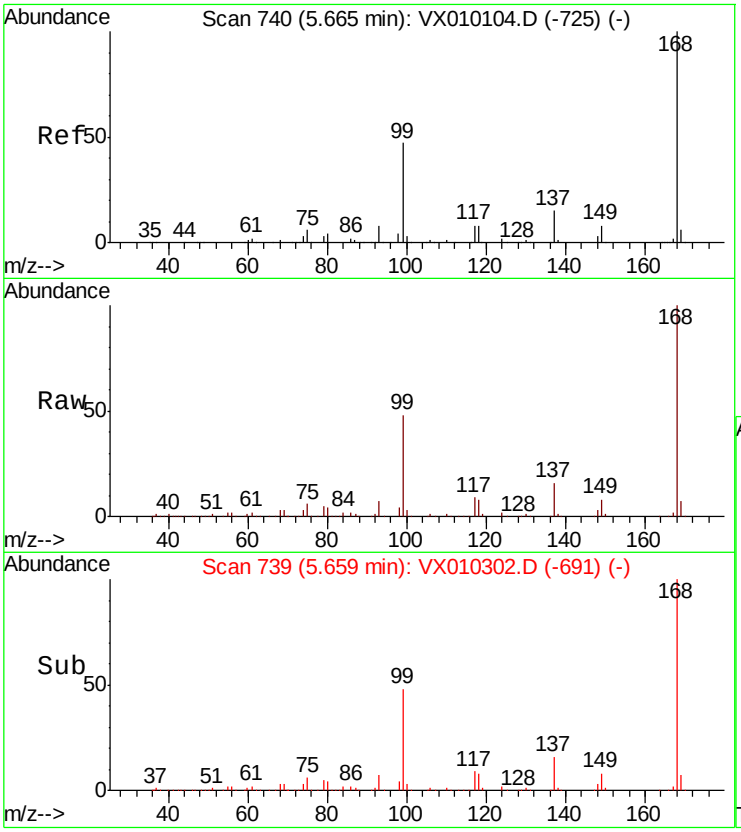
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061419\
Data File : VX010302.D
Acq On : 14 Jun 2019 15:52
Operator : JC/SP
Sample : K3309-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Quant Time: Jun 15 01:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration



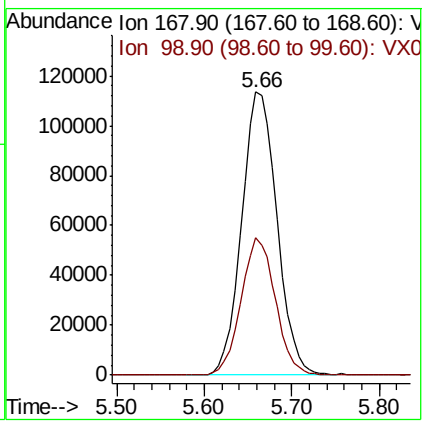


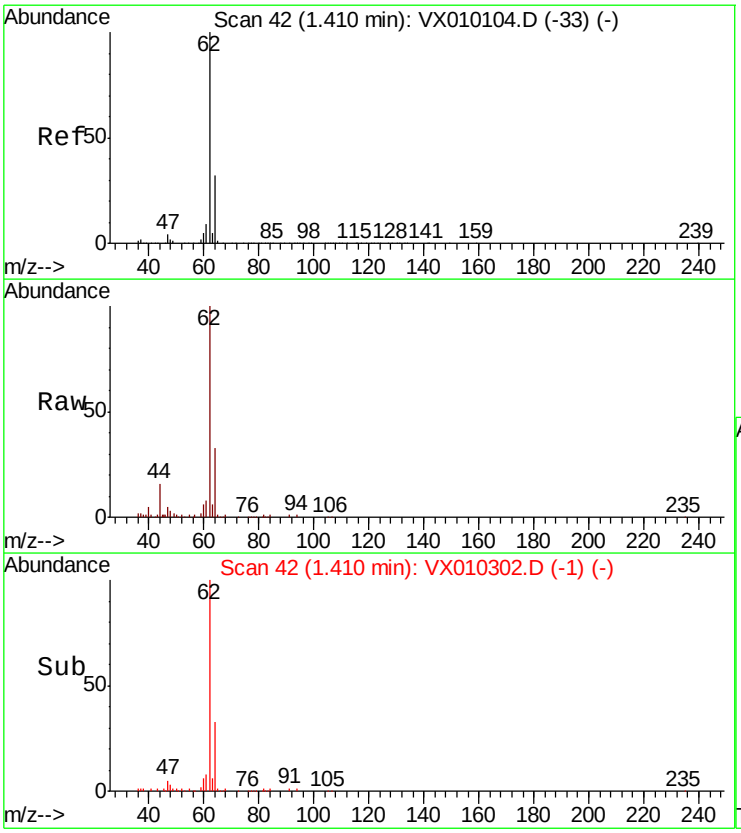
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:168 Resp: 317763

Ion	Ratio	Lower	Upper
168	100		
99	48.5	43.0	64.6

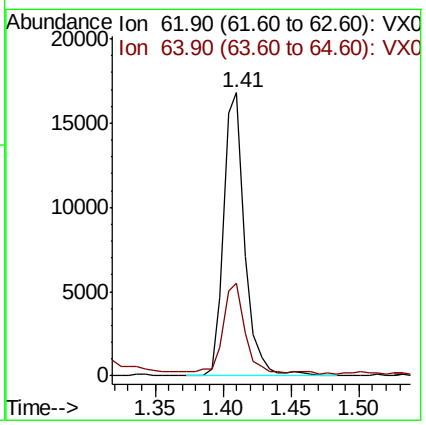


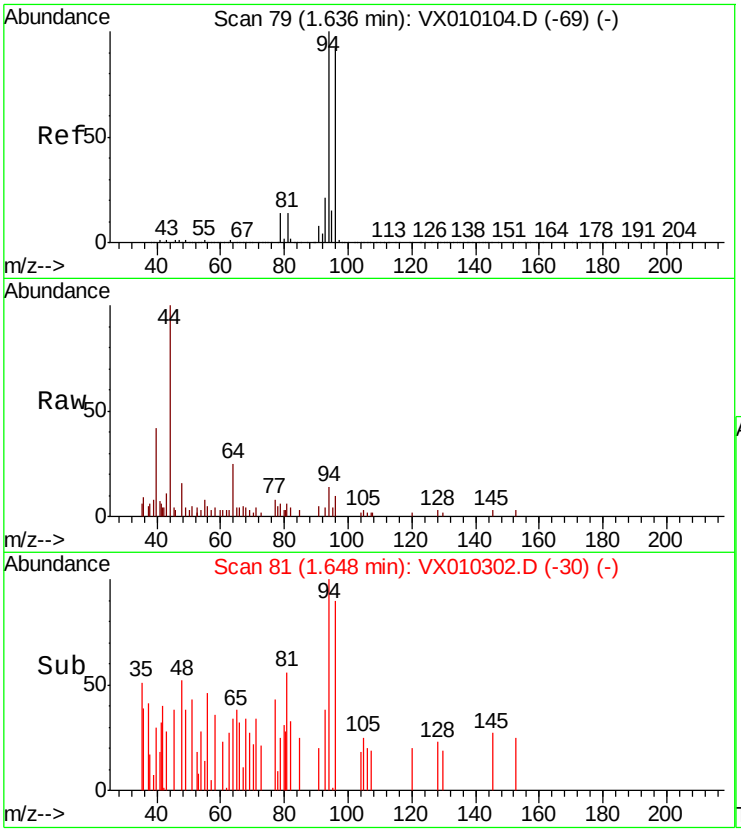


#4
Vinyl Chloride
Concen: 6.641 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 62 Resp: 18123

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.7	38.5



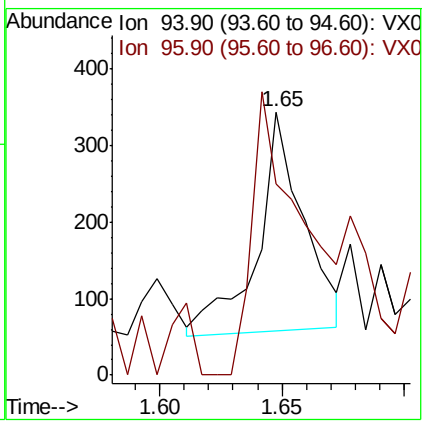


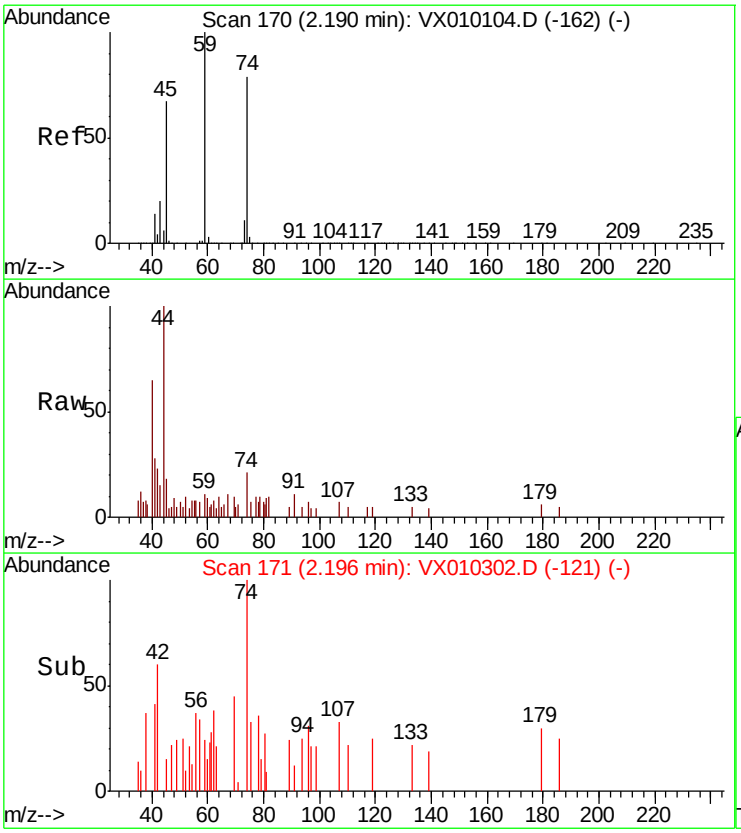
#5
Bromomethane
Concen: 0.364 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 94 Resp: 375

Ion	Ratio	Lower	Upper
94	100		
96	55.5	76.2	114.4#

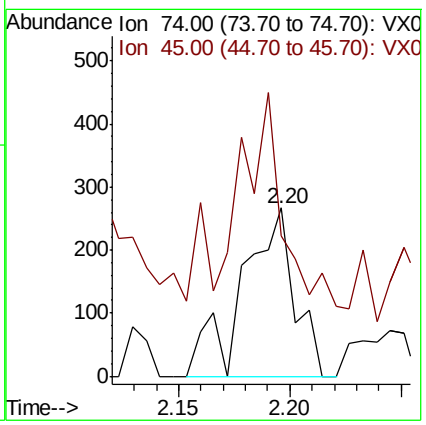


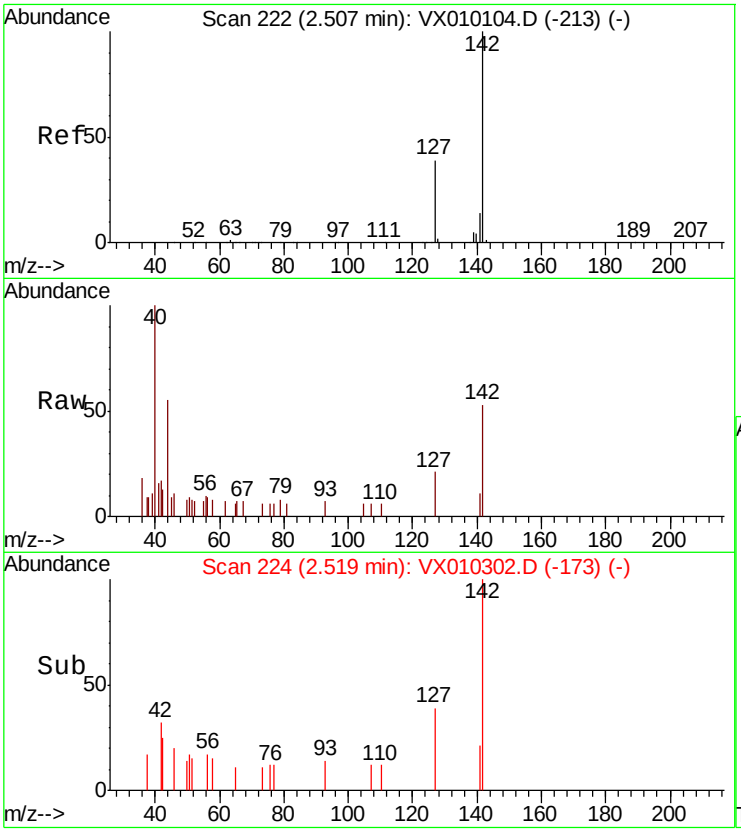


#8
Diethyl Ether
Concen: 0.313 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 74 Resp: 438

Ion	Ratio	Lower	Upper
74	100		
45	134.2	56.1	168.3



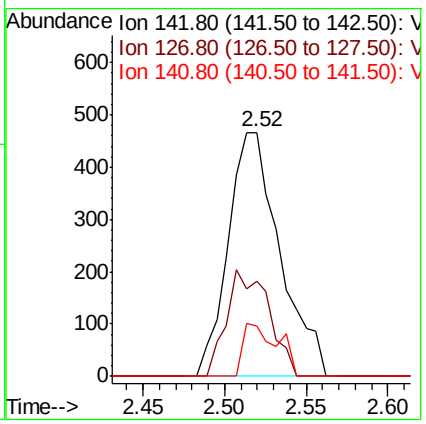


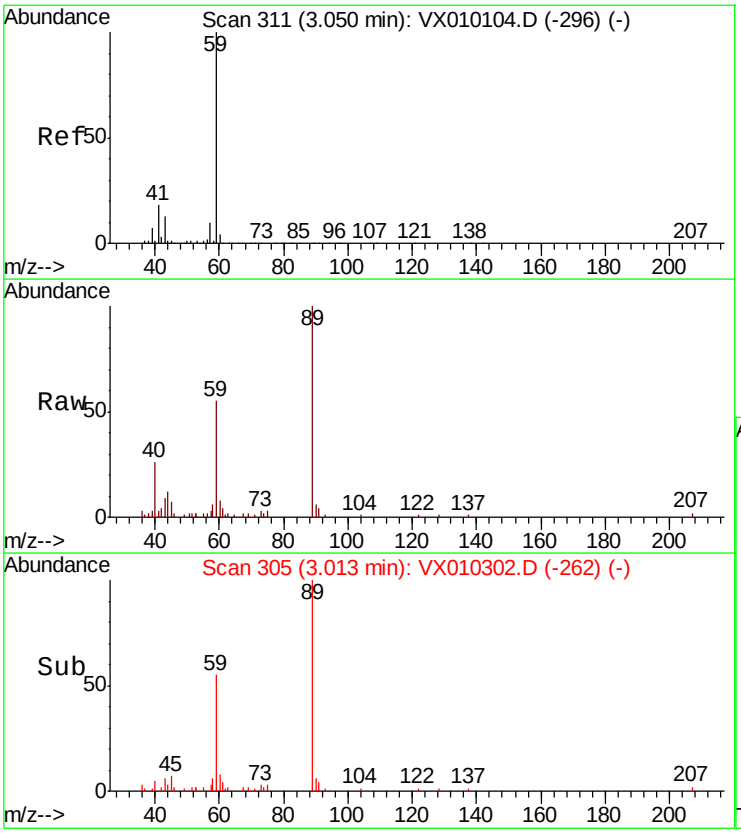
#10
Methyl Iodide
Concen: 0.238 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument : MSVOA_X
ClientSampleId : LF001MW002-190610

Tgt Ion:142 Resp: 1030

Ion	Ratio	Lower	Upper
142	100		
127	35.5	33.0	49.4
141	14.3	11.4	17.0

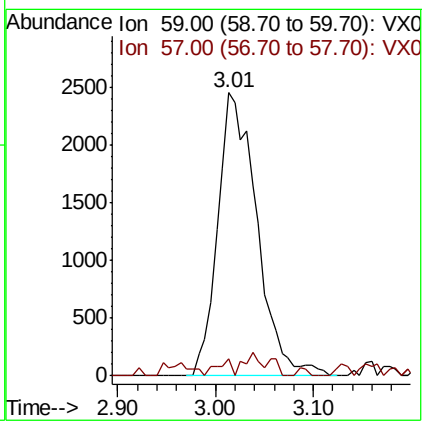


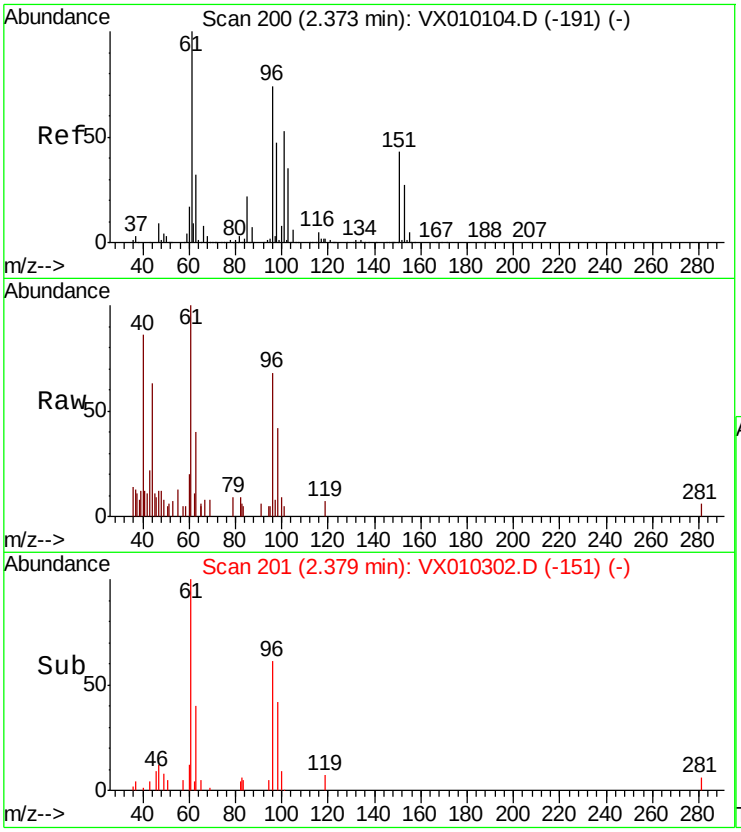


#11
Tert butyl alcohol
Concen: 8.943 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 59 Resp: 6795

Ion	Ratio	Lower	Upper
59	100		
57	2.1	8.2	12.2#



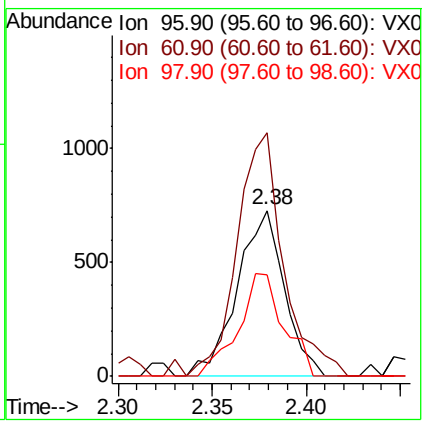


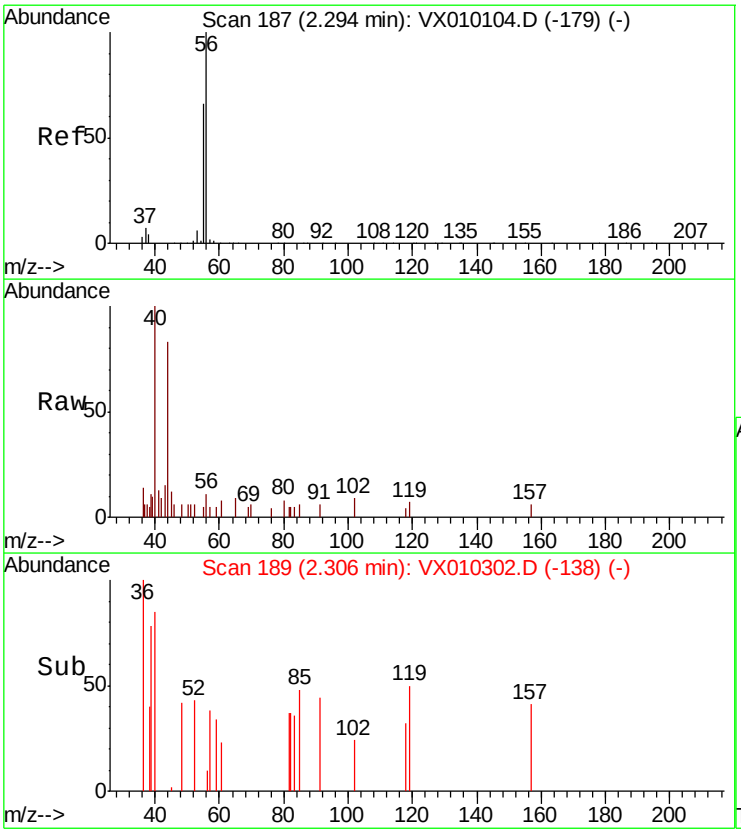
#12
1,1-Dichloroethene
Concen: 0.444 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 96 Resp: 1267

Ion	Ratio	Lower	Upper
96	100		
61	147.0	140.7	211.1
98	61.6	50.1	75.1

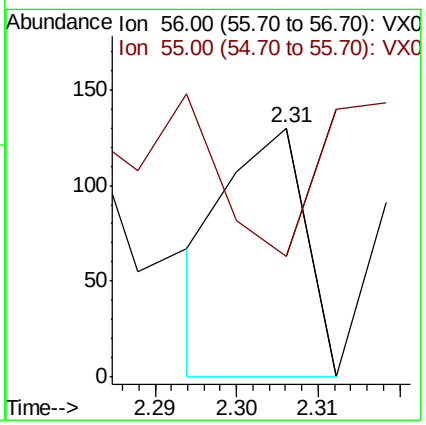


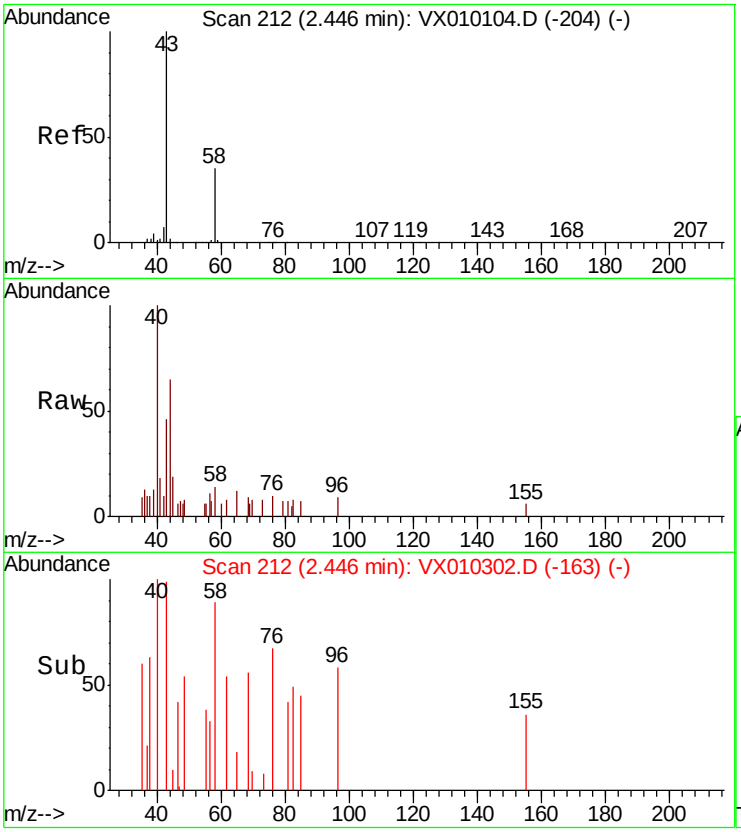


#13
Acrolein
Concen: 0.628 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 56 Resp: 87

Ion	Ratio	Lower	Upper
56	100		
55	93.1	57.0	85.4#



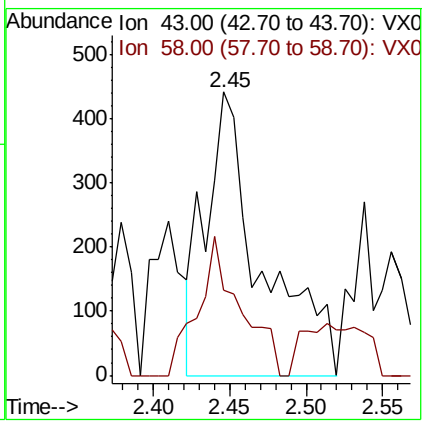


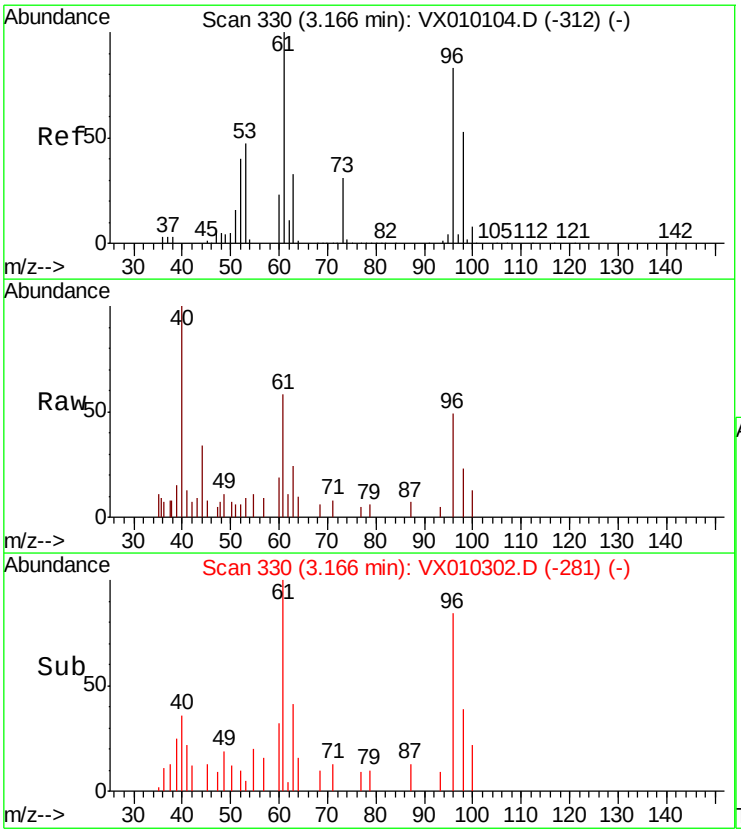
#16
Acetone
Concen: 0.765 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 43 Resp: 1116

Ion	Ratio	Lower	Upper
43	100		
58	14.3	23.2	34.8#

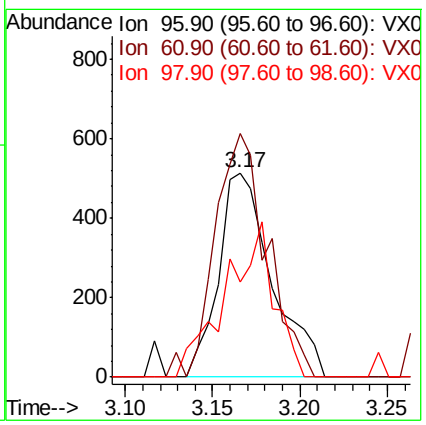


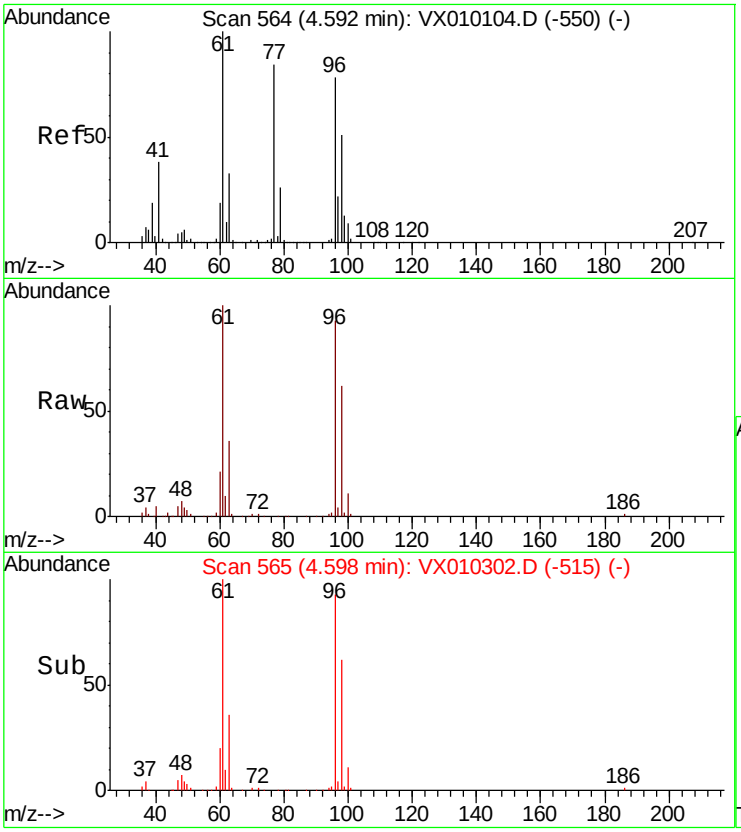


#21
trans-1,2-Dichloroethene
Concen: 0.347 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 96 Resp: 1096

Ion	Ratio	Lower	Upper
96	100		
61	119.3	125.7	188.5#
98	46.9	49.0	73.6#



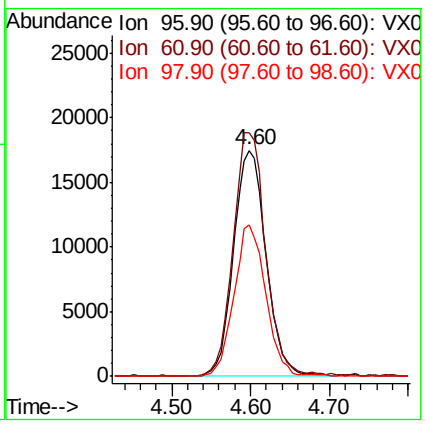


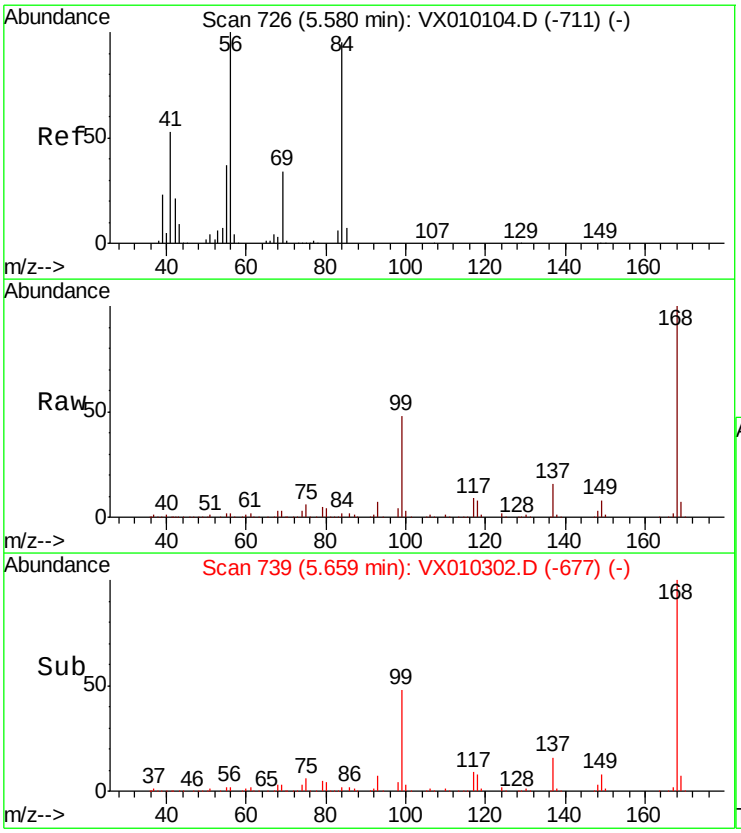
#27
cis-1,2-Dichloroethene
Concen: 14.240 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 96 Resp: 50037

Ion	Ratio	Lower	Upper
96	100		
61	108.6	0.0	334.0
98	65.2	0.0	131.6

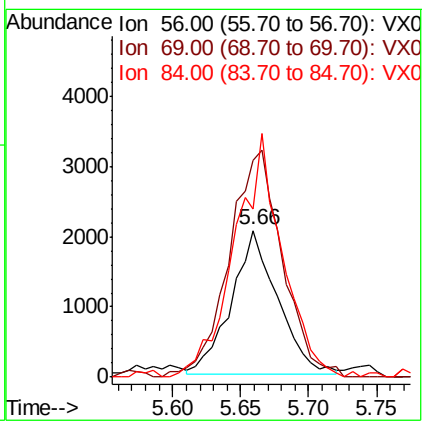


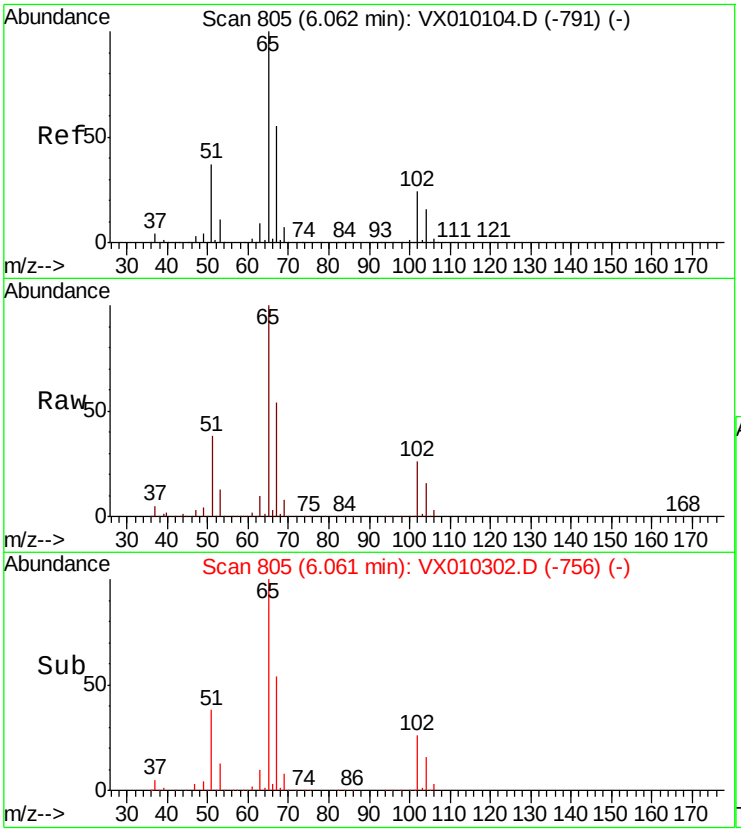


#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 56 Resp: 4889

Ion	Ratio	Lower	Upper
56	100		
69	147.3	21.6	32.4#
84	116.7	56.8	85.2#



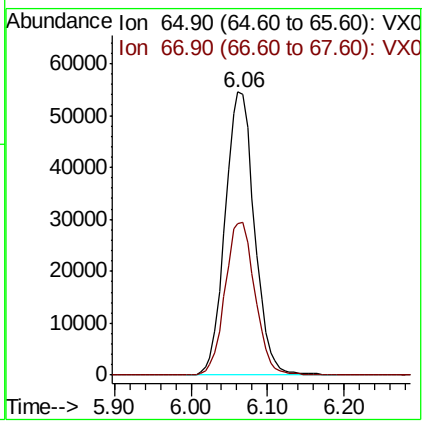


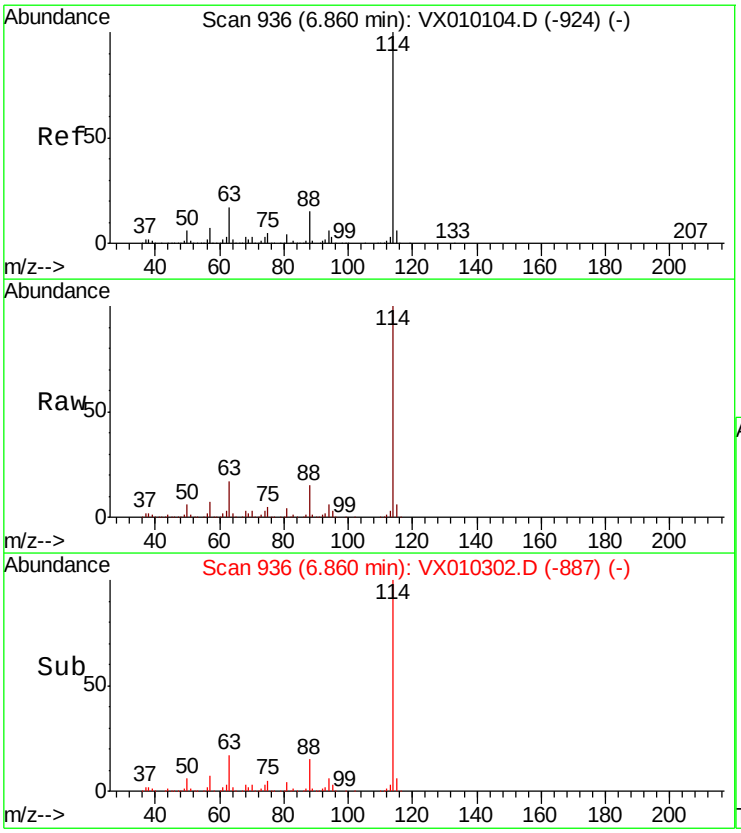
#33
1,2-Dichloroethane-d4
Concen: 46.671 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 65 Resp: 144761

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	108.4

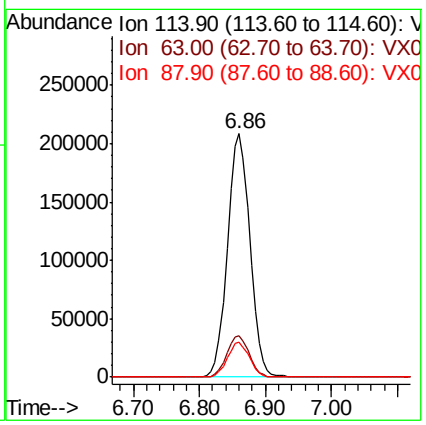


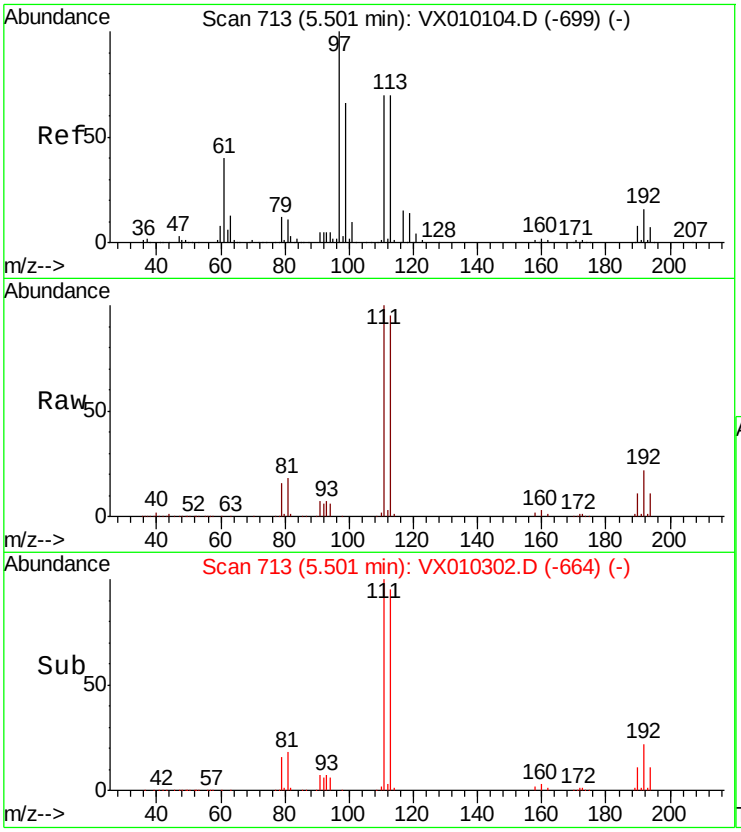


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion:114 Resp: 489487

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	47.4
88	14.5	0.0	33.0



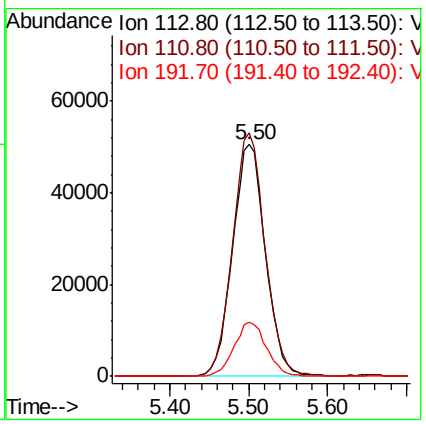


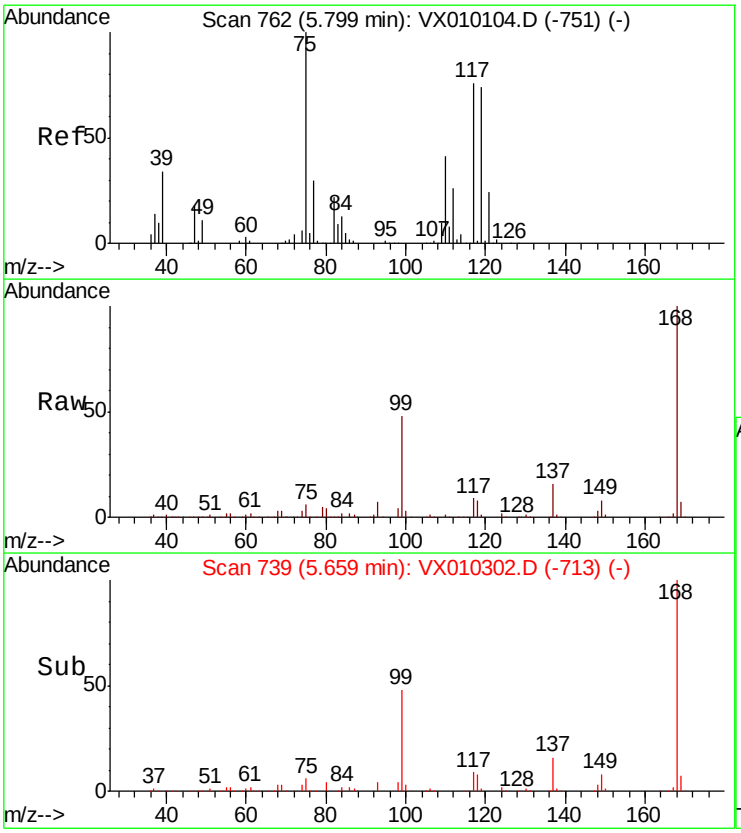
#35
Dibromofluoromethane
Concen: 48.510 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:113 Resp: 146464

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	22.9	17.1	25.7

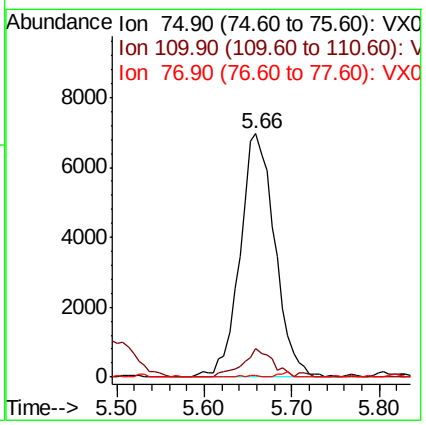


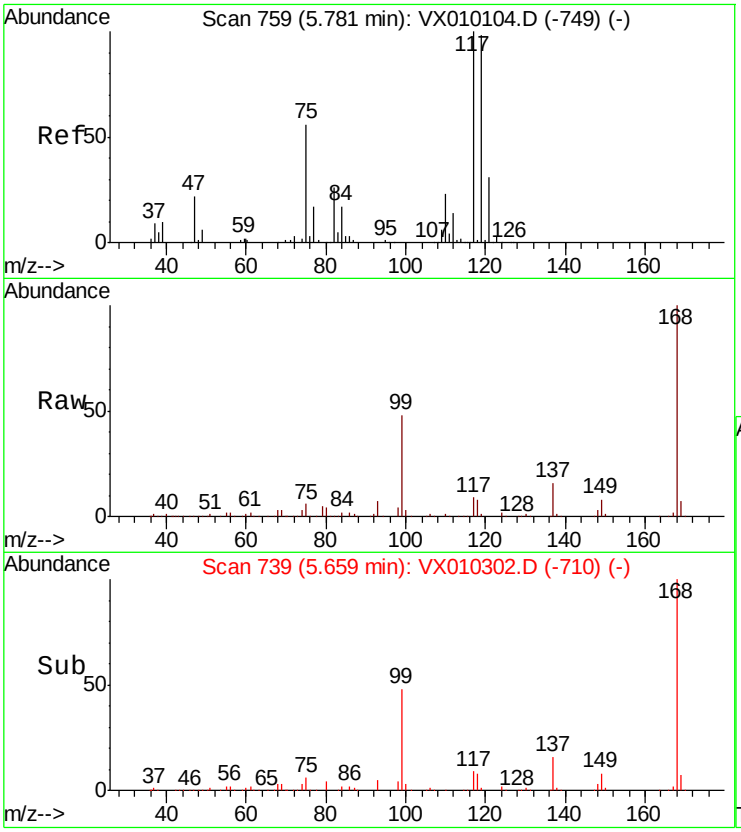


#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 75 Resp: 19225

Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.7	50.1#
77	0.3	25.0	37.4#



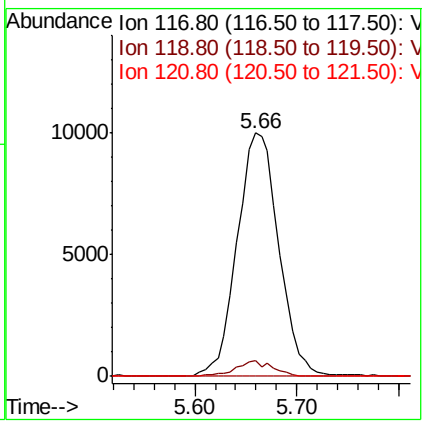


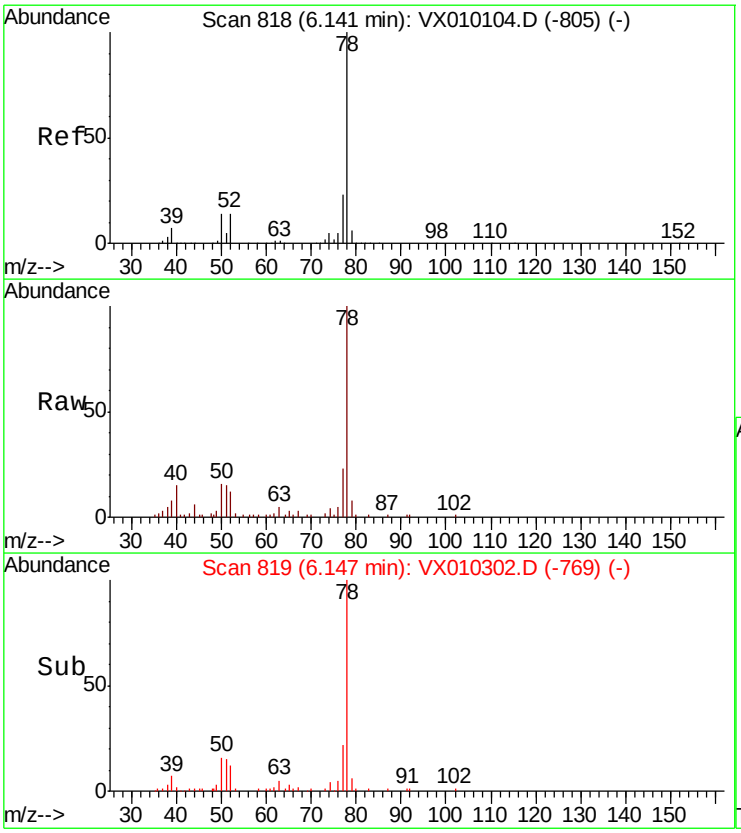
#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument : MSVOA_X
ClientSampleId : LF001MW002-190610

Tgt Ion:117 Resp: 28306

Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.3	115.9#
121	0.0	25.4	38.0#

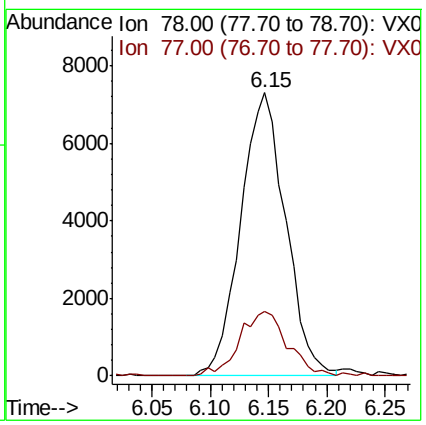


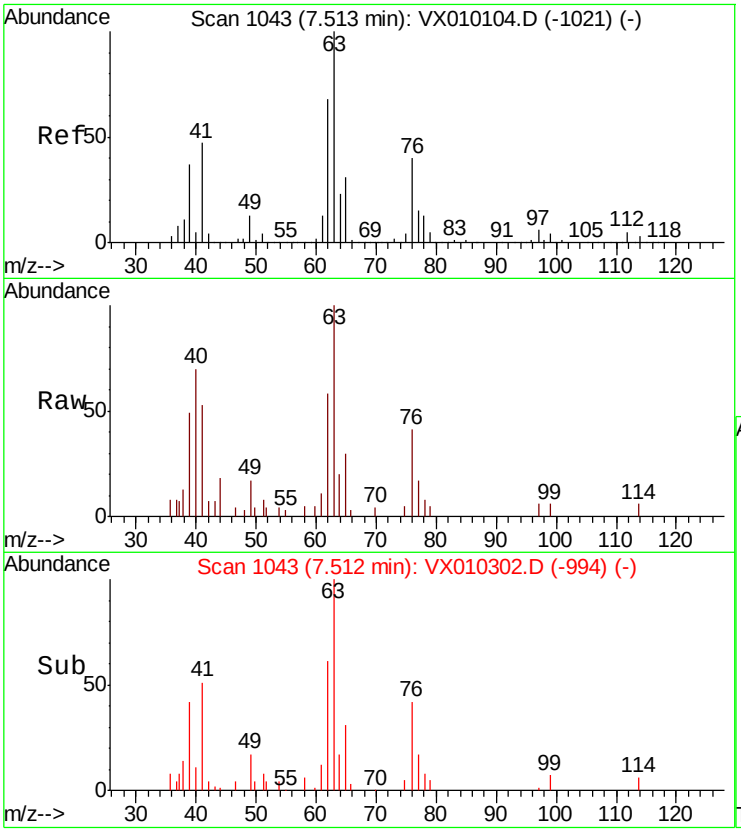


#40
Benzene
Concen: 1.585 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 78 Resp: 19573

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8



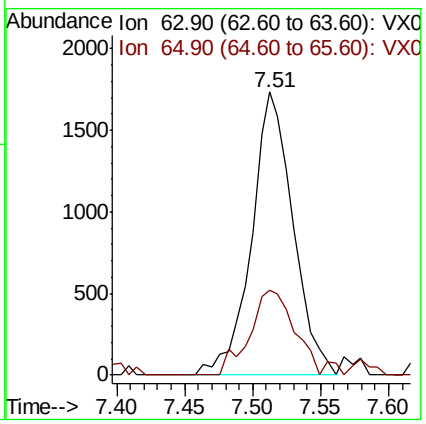


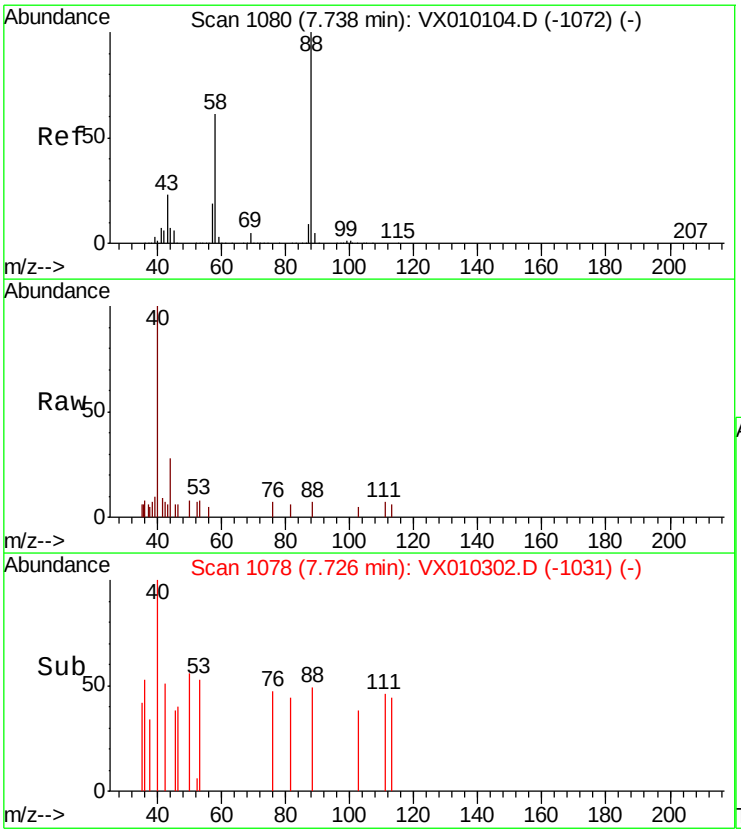
#45
1,2-Dichloropropane
Concen: 1.200 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 63 Resp: 3708

Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.7	38.5

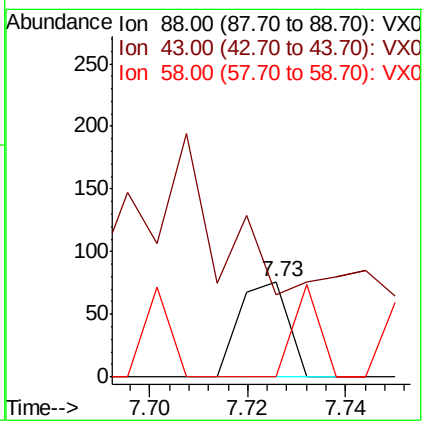


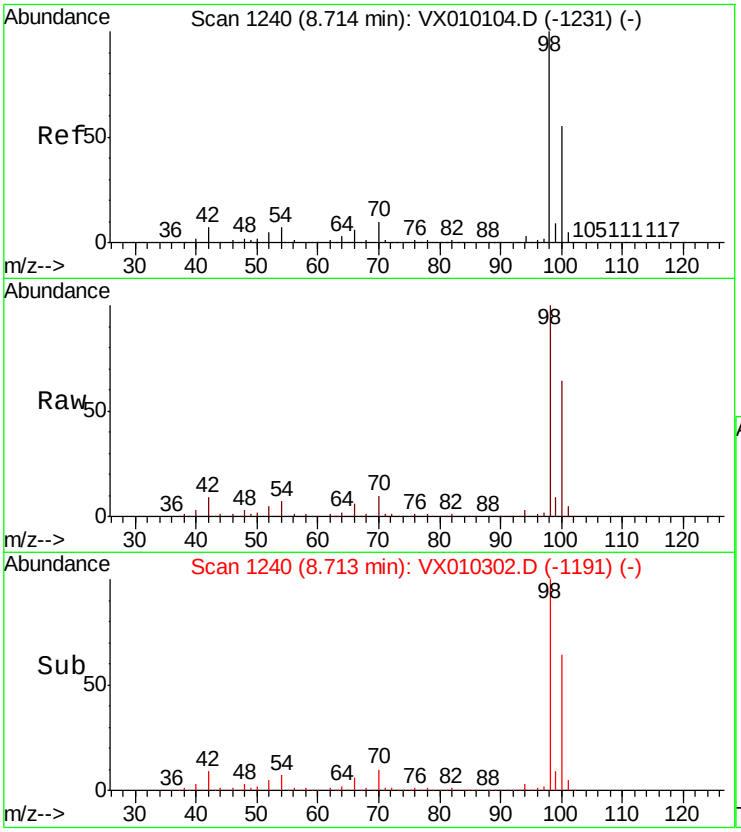


#49
1,4-Dioxane
Concen: 0.572 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.4#
58	50.9	64.0	96.0#



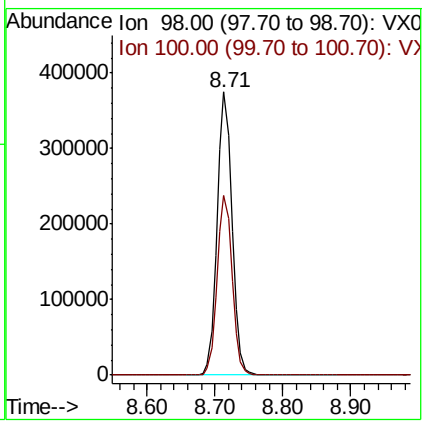


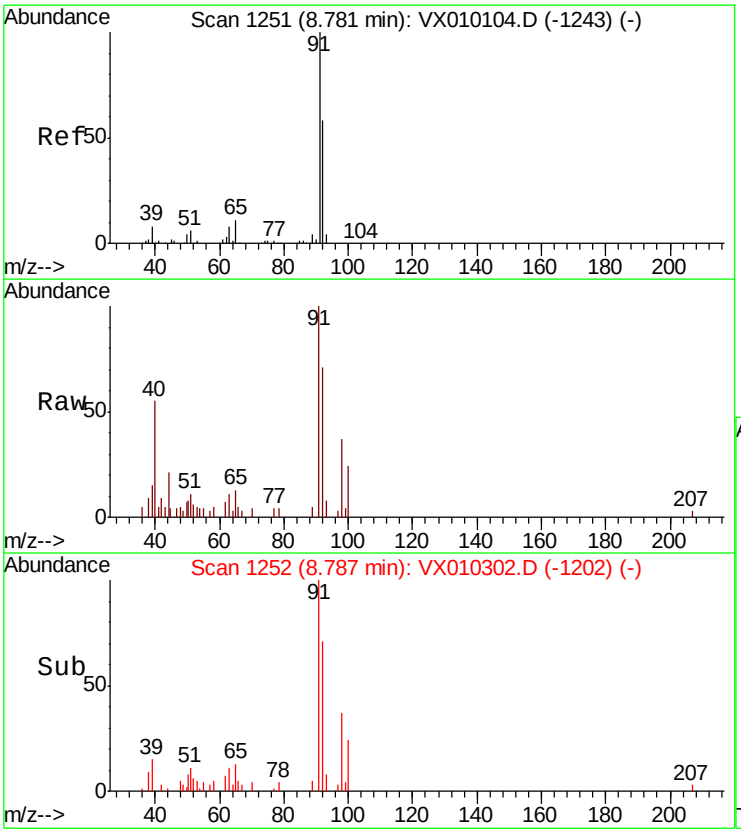
#50
Toluene-d8
Concen: 50.283 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 98 Resp: 568993

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

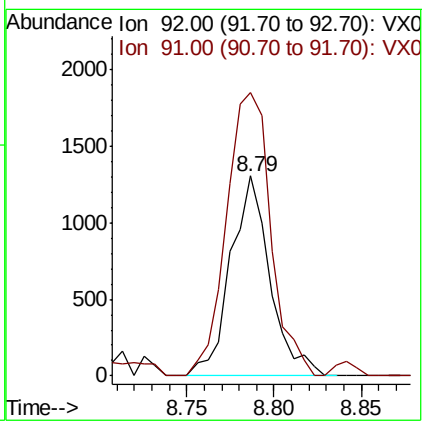


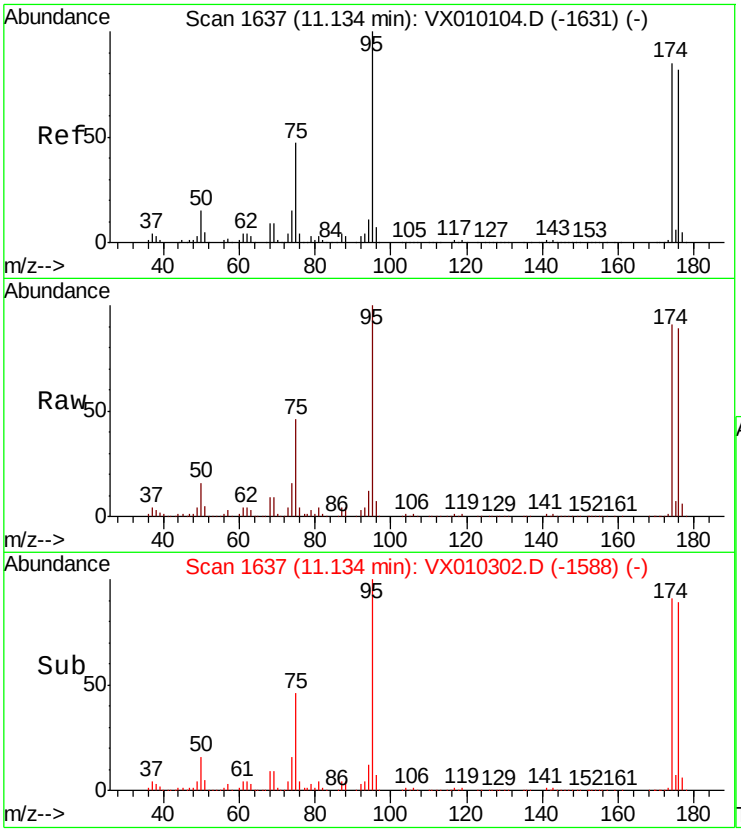


#52
Toluene
Concen: 0.252 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 92 Resp: 2048

Ion	Ratio	Lower	Upper
92	100		
91	159.4	139.9	209.9



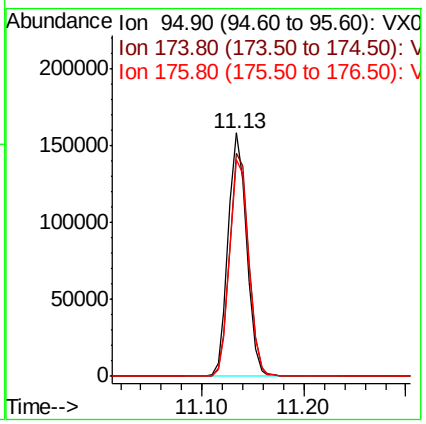


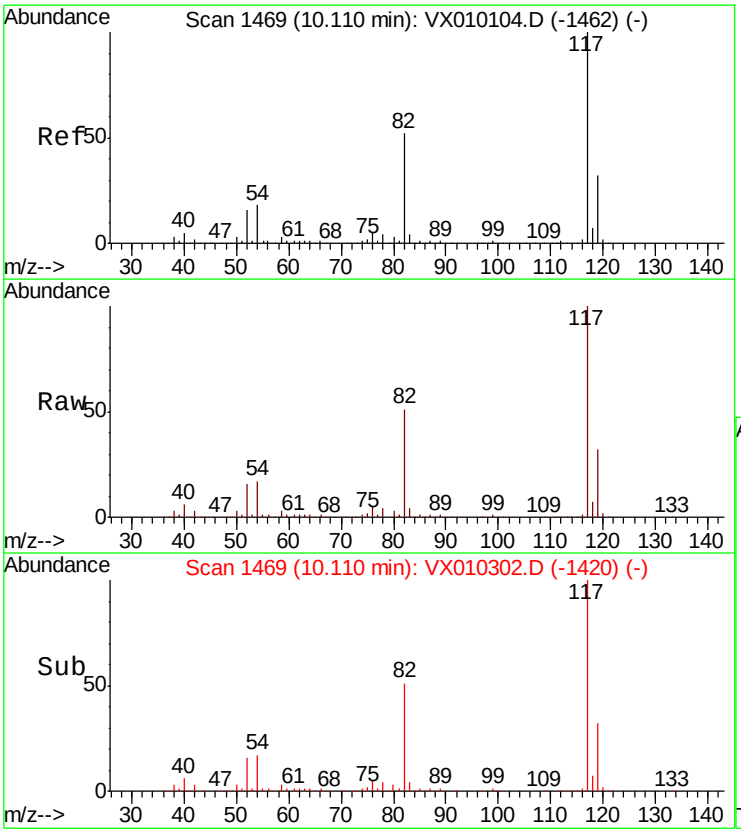
#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 95 Resp: 196836

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	160.4
176	91.6	0.0	154.6

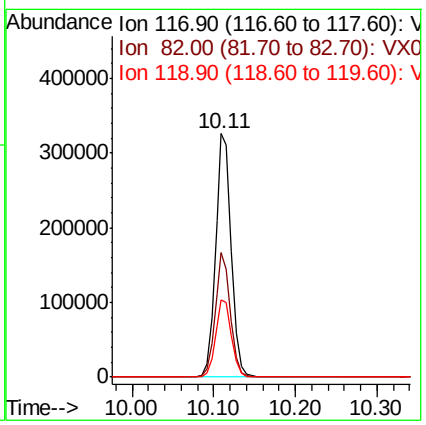


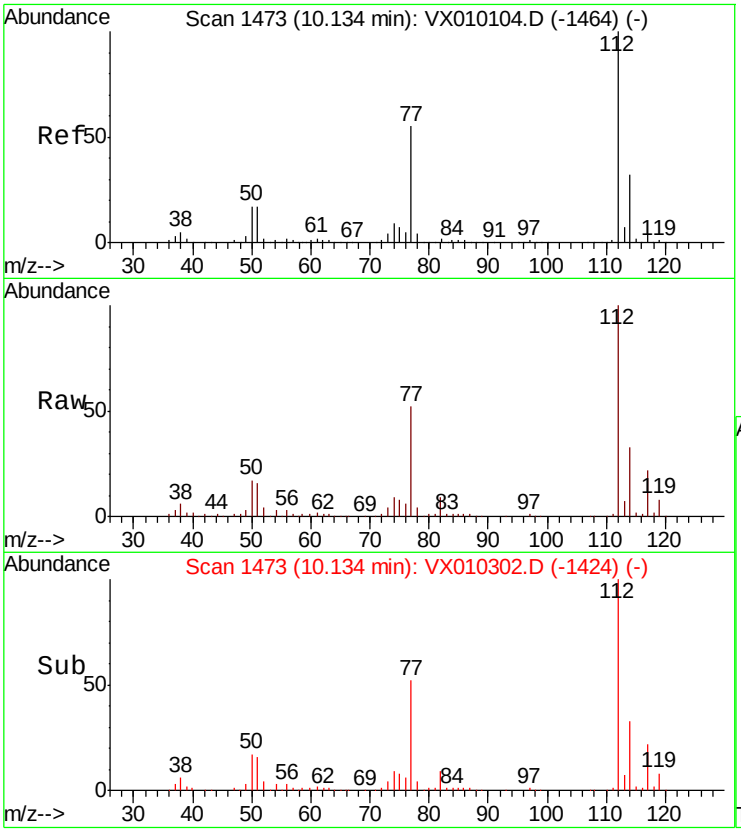


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion:117 Resp: 438926

Ion	Ratio	Lower	Upper
117	100		
82	51.0	49.2	73.8
119	31.9	25.2	37.8



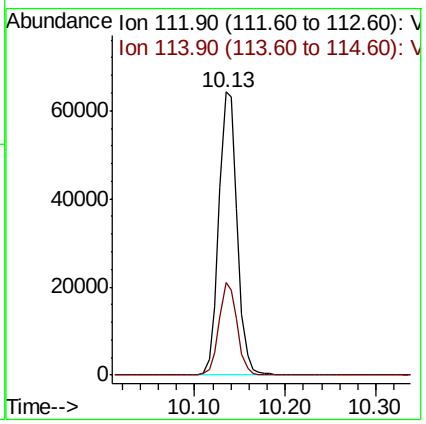


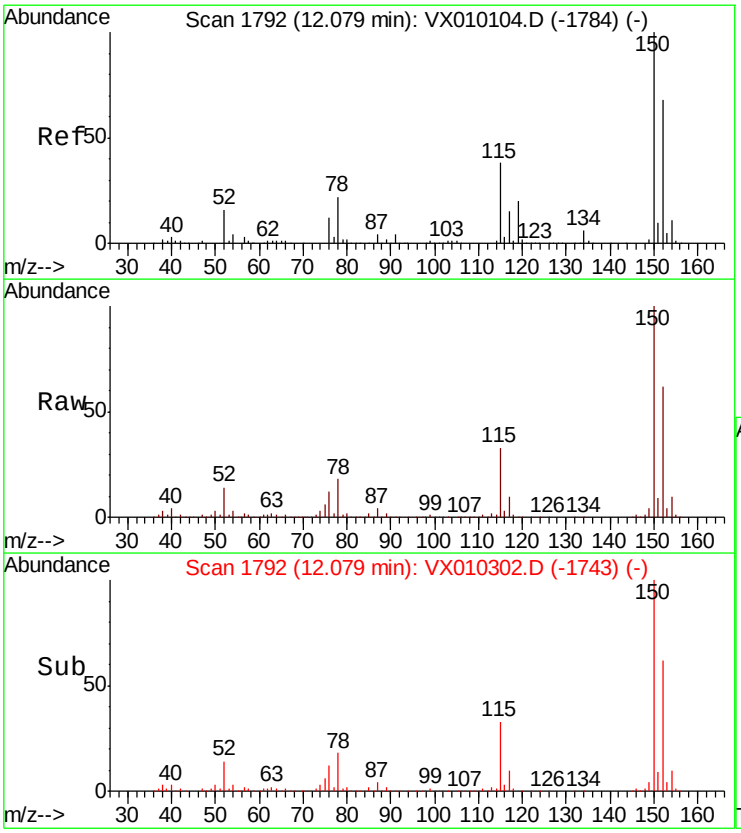
#65
Chlorobenzene
Concen: 10.084 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:112 Resp: 91355

Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.8	38.8

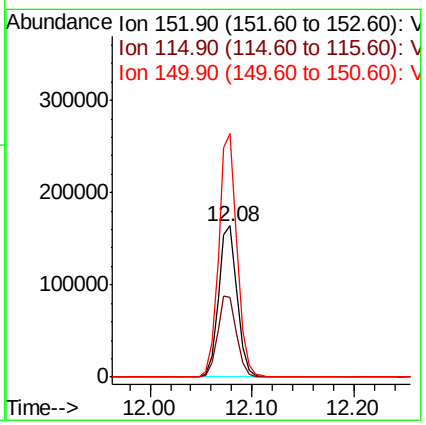


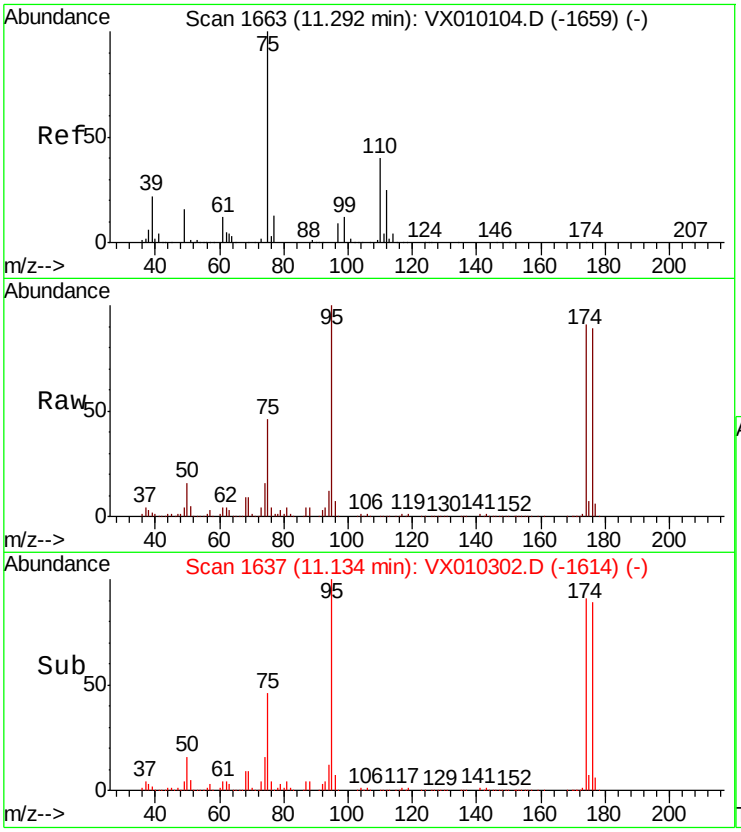


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion:152 Resp: 208379

Ion	Ratio	Lower	Upper
152	100		
115	54.6	41.4	124.2
150	159.3	0.0	345.2



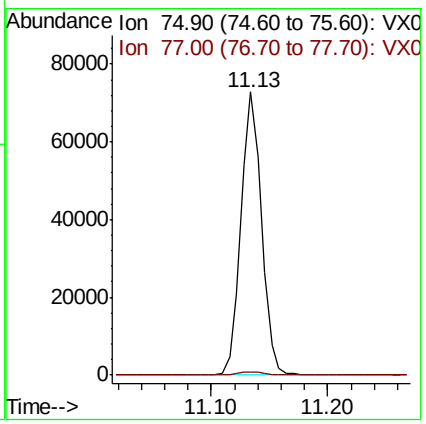


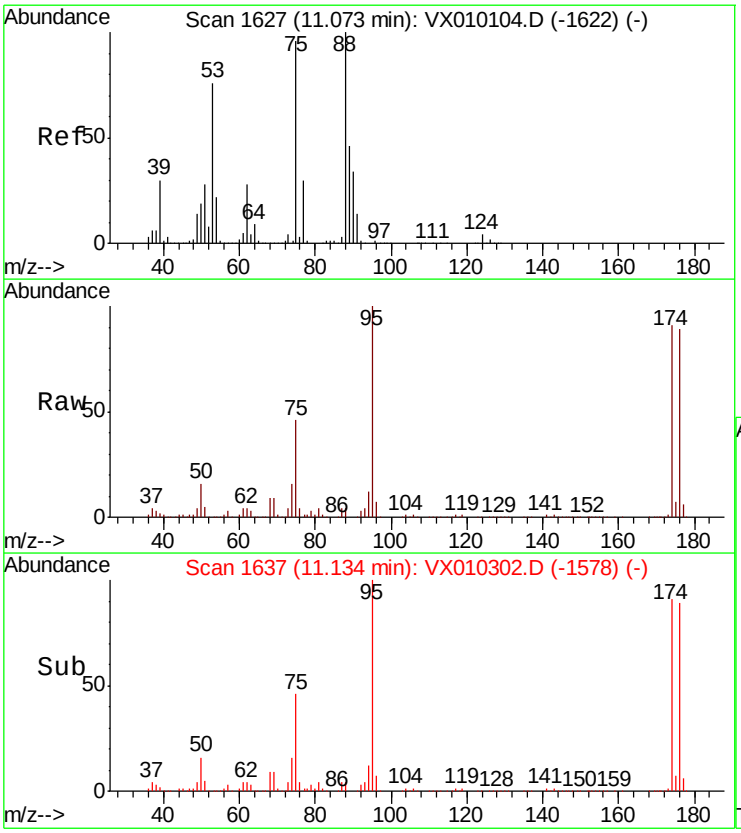
#76
1,2,3-Trichloropropane
Concen: 21.666 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion: 75 Resp: 90302

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#

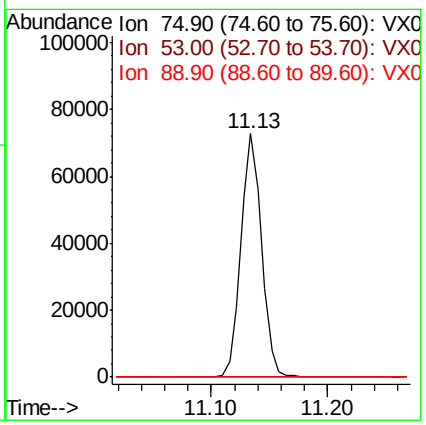


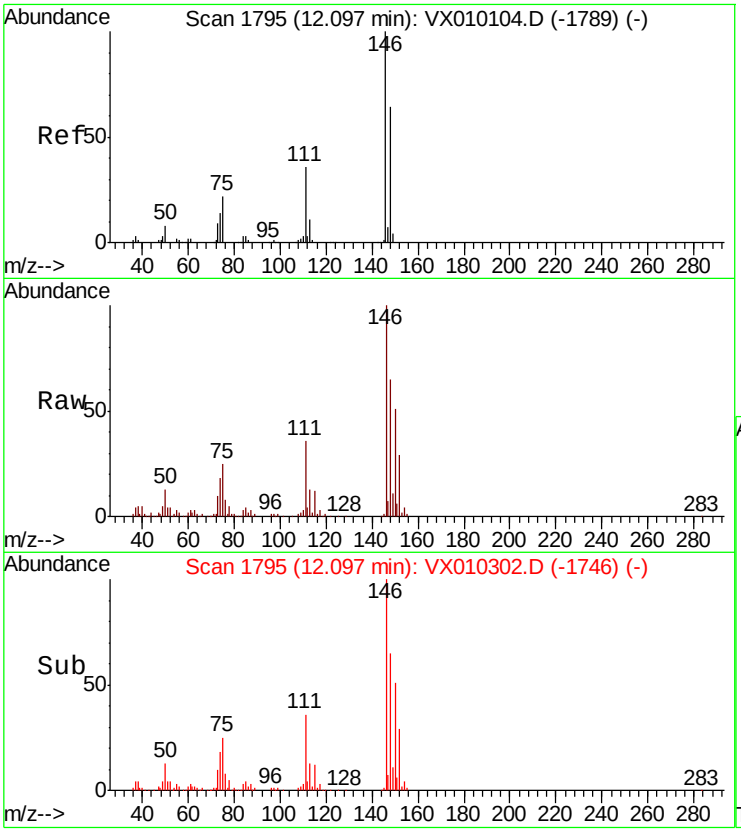


#81
trans-1,4-Dichloro-2-butene
Concen: 47.869 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion: 75 Resp: 90302

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.8	119.6#
89	0.0	34.2	51.4#



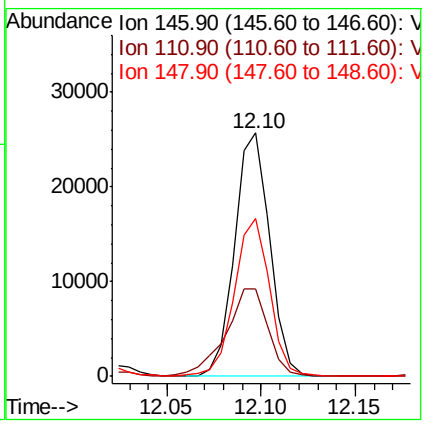


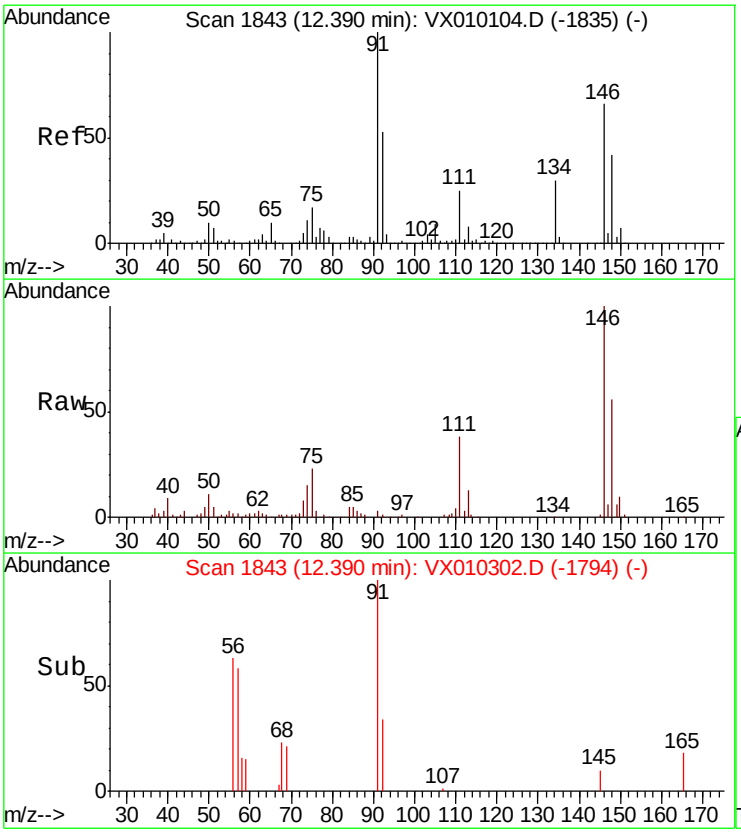
#88
1,4-Dichlorobenzene
Concen: 4.666 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
LF001MW002-190610

Tgt Ion:146 Resp: 33140

Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.0	59.9
148	65.2	32.3	96.9





#91
1,2-Dichlorobenzene
Concen: 2.139 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010302.D
Acq: 14 Jun 2019 15:52

Tgt Ion:146 Resp: 14650

Ion	Ratio	Lower	Upper
146	100		
111	38.9	21.1	63.1
148	62.7	32.3	96.8