Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011220.D
Acq On : 31 Jul 2019 01:51
Operator : JC/SP
Sample : PB121803TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121803TB

Quant Time: Jul 31 08:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	231720	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	335524	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	299261	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137138	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	116122	47.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.22%				
35) Dibromofluoromethane	5.50	113	98252	46.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.28%				
50) Toluene-d8	8.71	98	395746	49.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.10%				
62) 4-Bromofluorobenzene	11.13	95	132374	45.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.18%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	76	0.577	ug/l	#	60
5) Bromomethane	1.65	94	314	0.256	ug/l		86
11) Tert butyl alcohol	3.04	59	181	0.315	ug/l	#	33
16) Acetone	2.45	43	5014	4.503	ug/l	#	84
18) Methyl Acetate	2.78	43	1166	0.460	ug/l		94
20) Methylene Chloride	2.85	84	7509	3.182	ug/l		97
25) 2-Butanone	4.69	43	784	0.491	ug/l		100
31) Cyclohexane	5.67	56	4311	1.288	ug/l	#	23
36) 1,1-Dichloropropene	5.67	75	15743	5.712	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	21764	7.578	ug/l	#	17
43) Isopropyl Acetate	6.45	43	11733	2.528	ug/l		99
48) Methyl methacrylate	7.68	41	5292	2.341	ug/l	#	10
49) 1,4-Dioxane	7.72	88	40	0.633	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	59840	19.893	ug/l	#	48
54) cis-1,3-Dichloropropene	8.62	75	29527	9.029	ug/l	#	62
57) 1,3-Dichloropropane	9.54	76	7624	2.105	ug/l	#	44
59) 2-Hexanone	9.44	43	8261	3.541	ug/l	#	23
60) Dibromochloromethane	9.33	129	118	2.570	ug/l	#	11
68) m/p-Xylenes	10.36	106	1672	0.417	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	67124	27.124	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1761	0.227	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.13	75	67124	67.230	ug/l	#	11

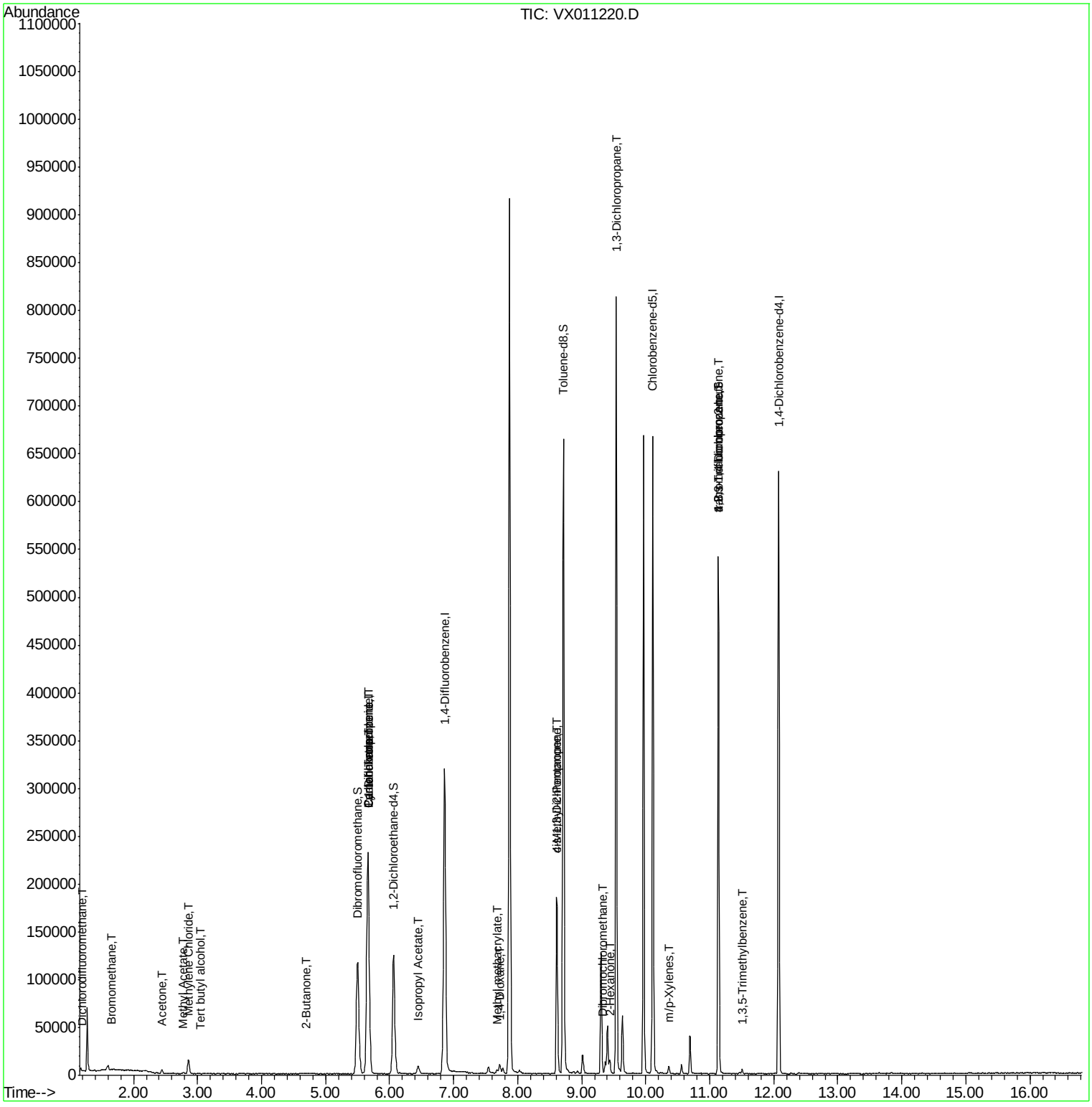
(#) = qualifier out of range (m) = manual integration (+) = signals summed

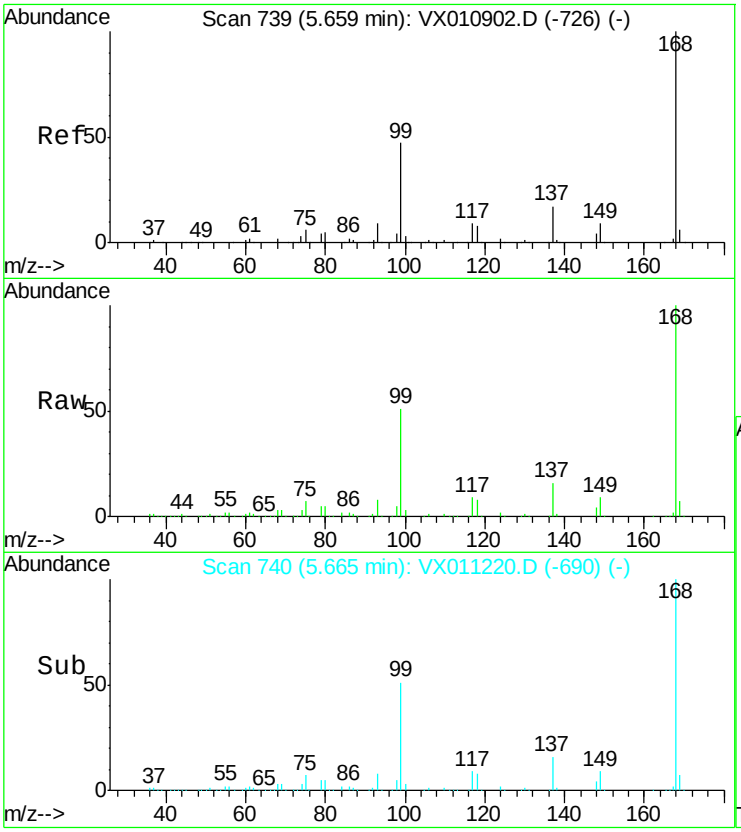
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011220.D
Acq On : 31 Jul 2019 01:51
Operator : JC/SP
Sample : PB121803TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Quant Time: Jul 31 08:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



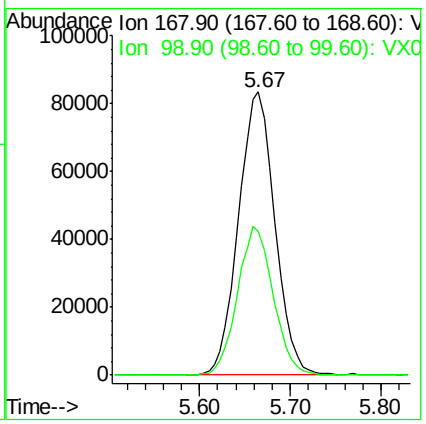


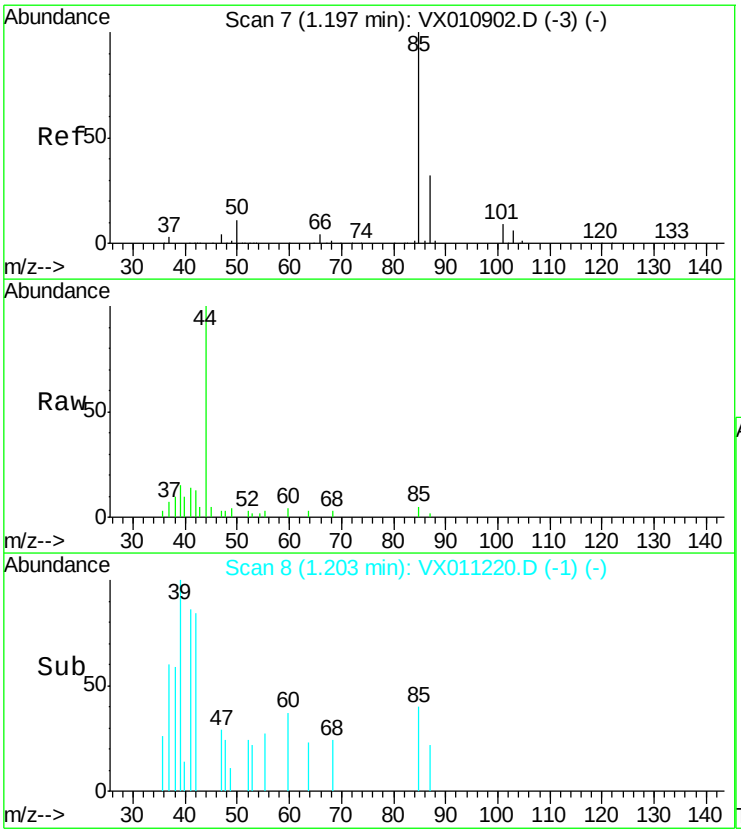
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion:168 Resp: 231720

Ion	Ratio	Lower	Upper
168	100		
99	50.8	37.6	56.4

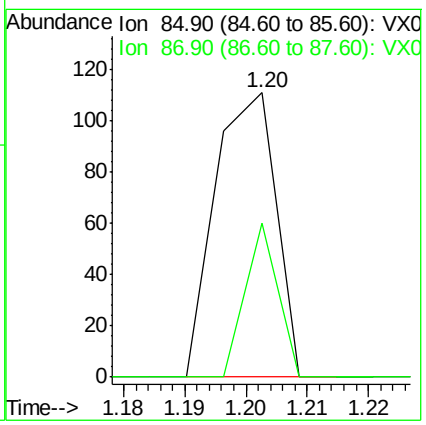


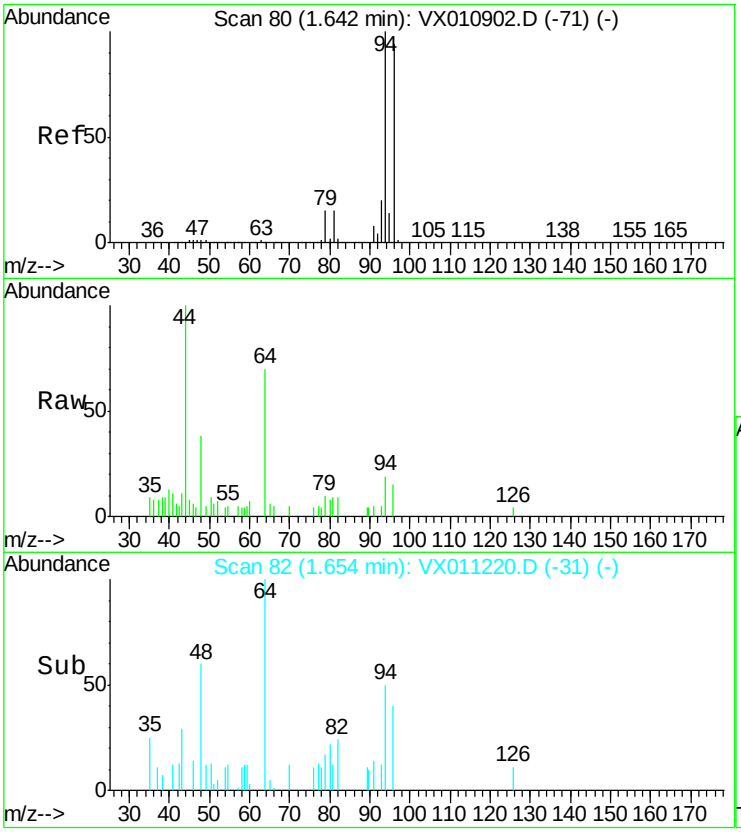


#2
Dichlorodifluoromethane
Concen: 0.577 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 85 Resp: 76

Ion	Ratio	Lower	Upper
85	100		
87	54.1	15.9	47.7#



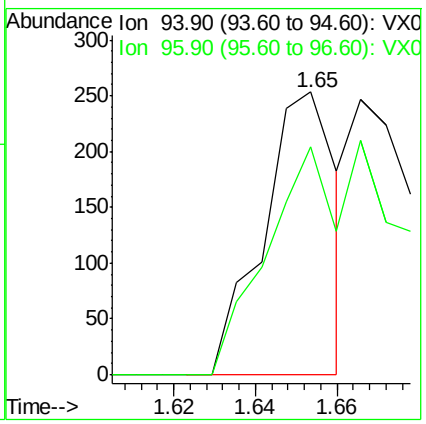


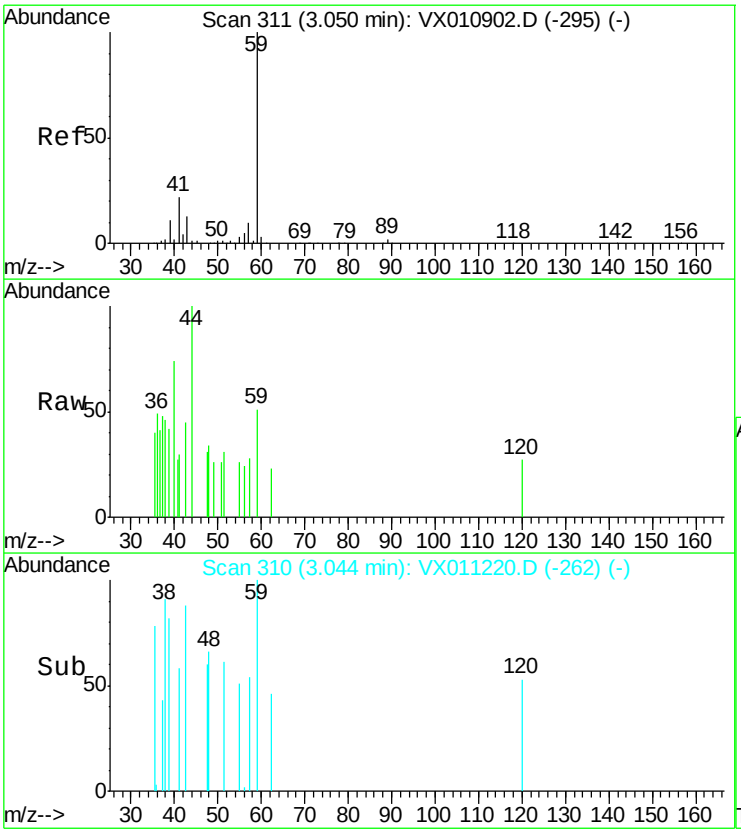
#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 94 Resp: 314

Ion	Ratio	Lower	Upper
94	100		
96	80.6	75.6	113.4

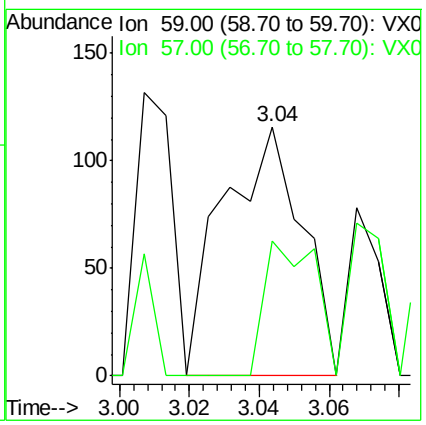


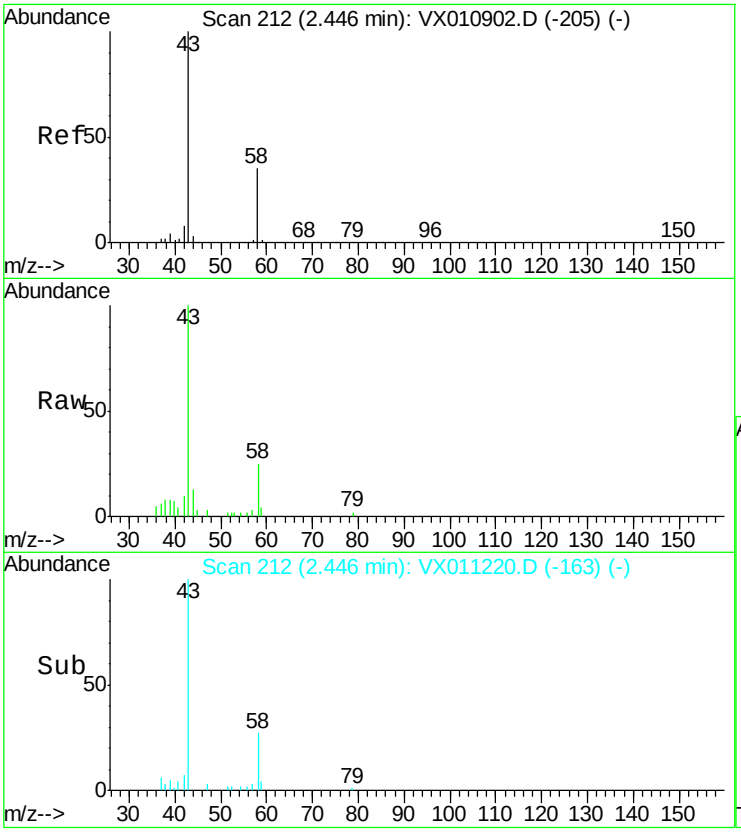


#11
Tert butyl alcohol
Concen: 0.315 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 59 Resp: 181

Ion	Ratio	Lower	Upper
59	100		
57	34.8	7.9	11.9#



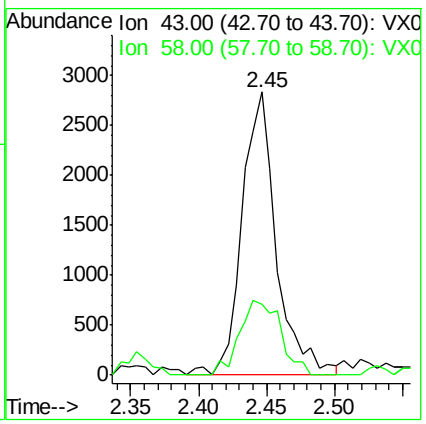


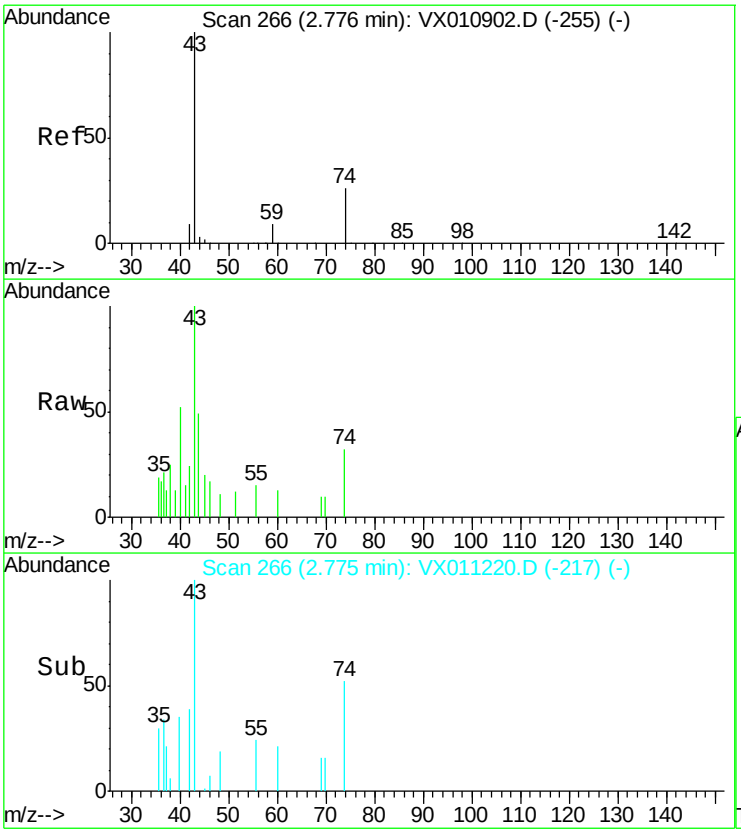
#16
Acetone
Concen: 4.503 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 43 Resp: 5014

Ion	Ratio	Lower	Upper
43	100		
58	25.1	27.7	41.5#

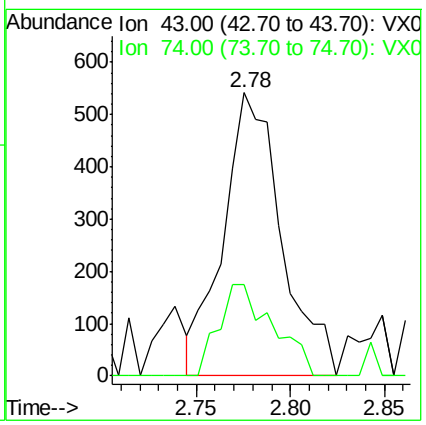


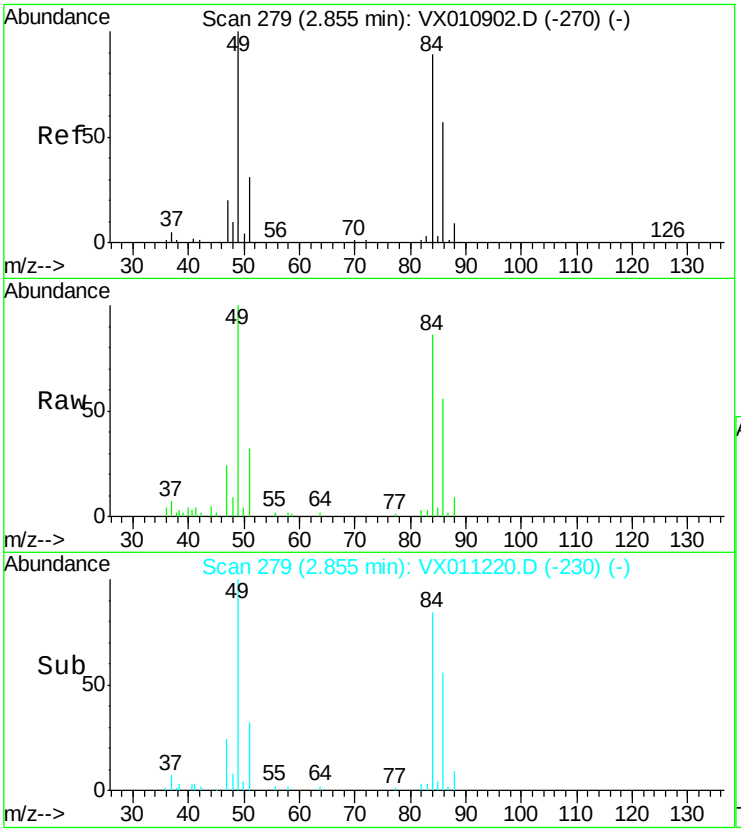


#18
Methyl Acetate
Concen: 0.460 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
74	29.8	21.5	32.3



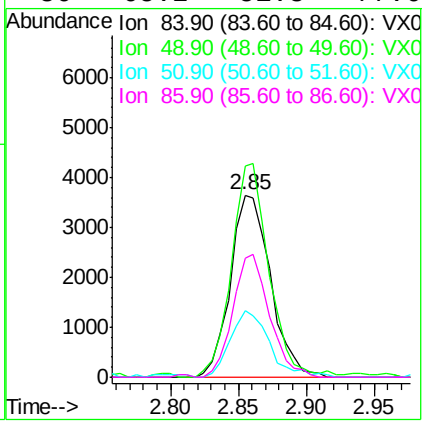


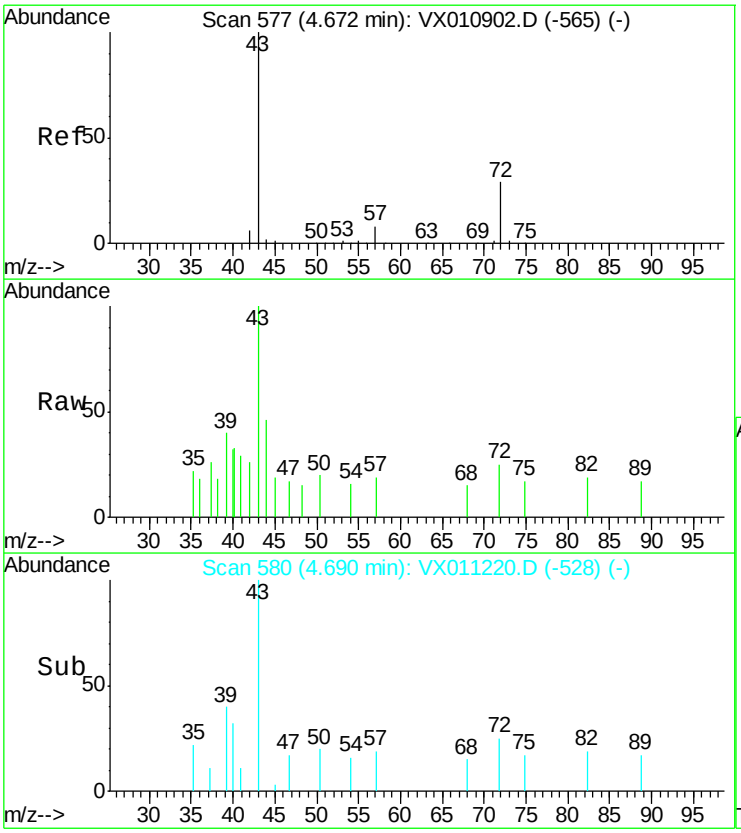
#20
Methylene Chloride
Concen: 3.182 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 84 Resp: 7509

Ion	Ratio	Lower	Upper
84	100		
49	115.9	89.9	134.9
51	36.6	27.8	41.6
86	65.2	51.8	77.6

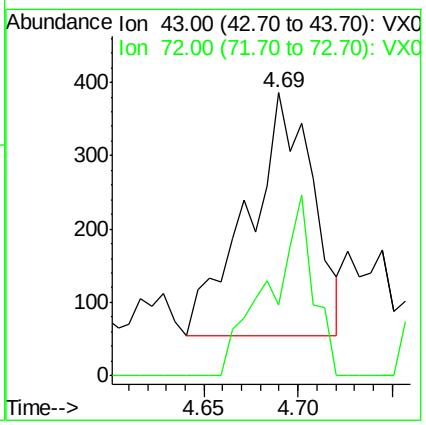


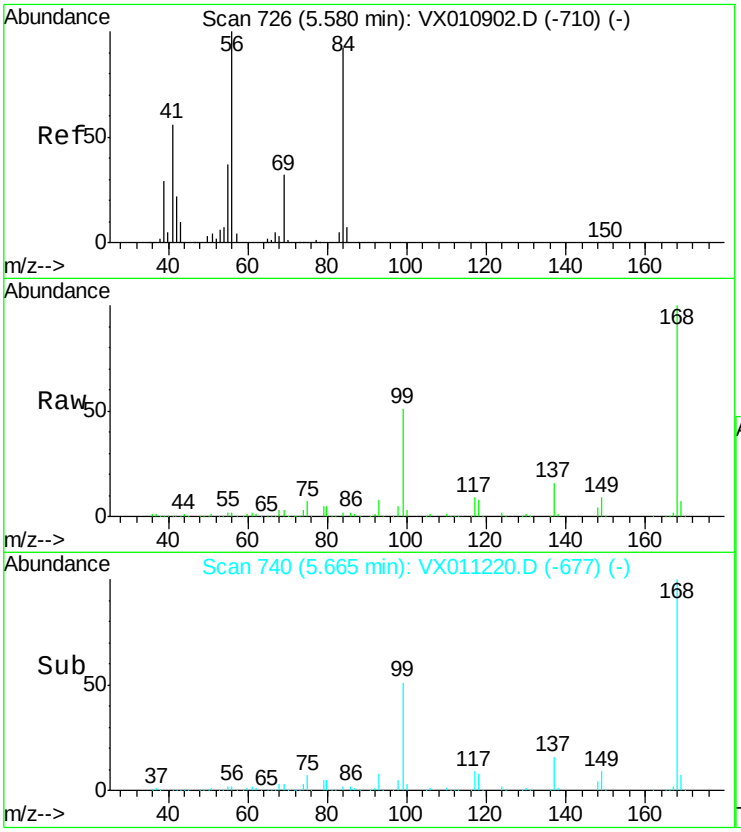


#25
2-Butanone
Concen: 0.491 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 43 Resp: 784

Ion	Ratio	Lower	Upper
43	100		
72	29.0	23.0	34.6



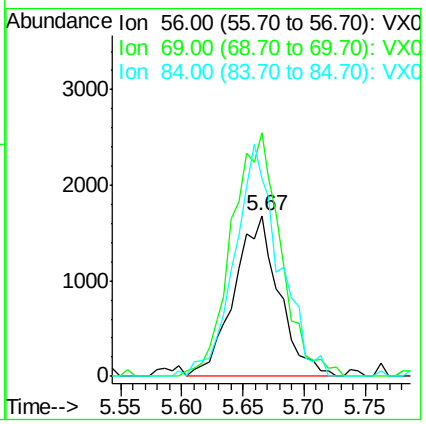


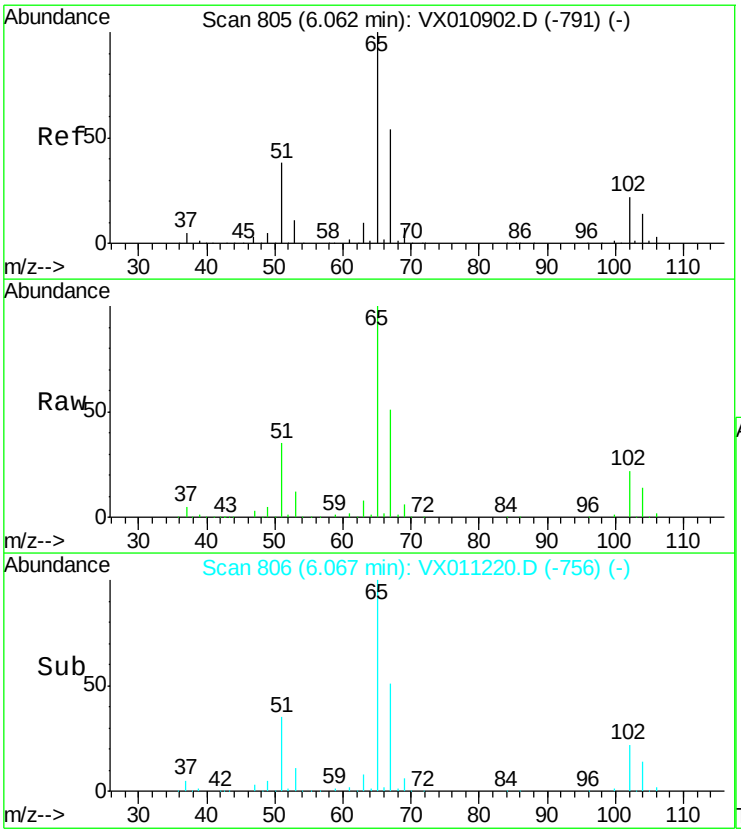
#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 56 Resp: 4311

Ion	Ratio	Lower	Upper
56	100		
69	147.8	25.8	38.8#
84	123.0	73.8	110.6#

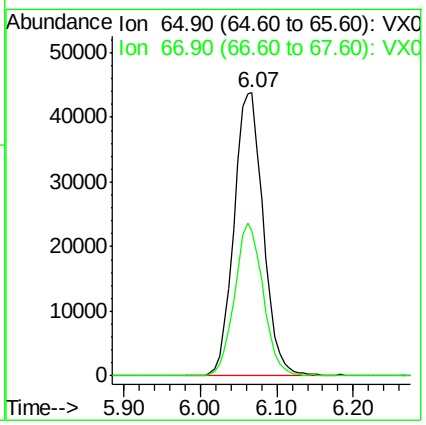


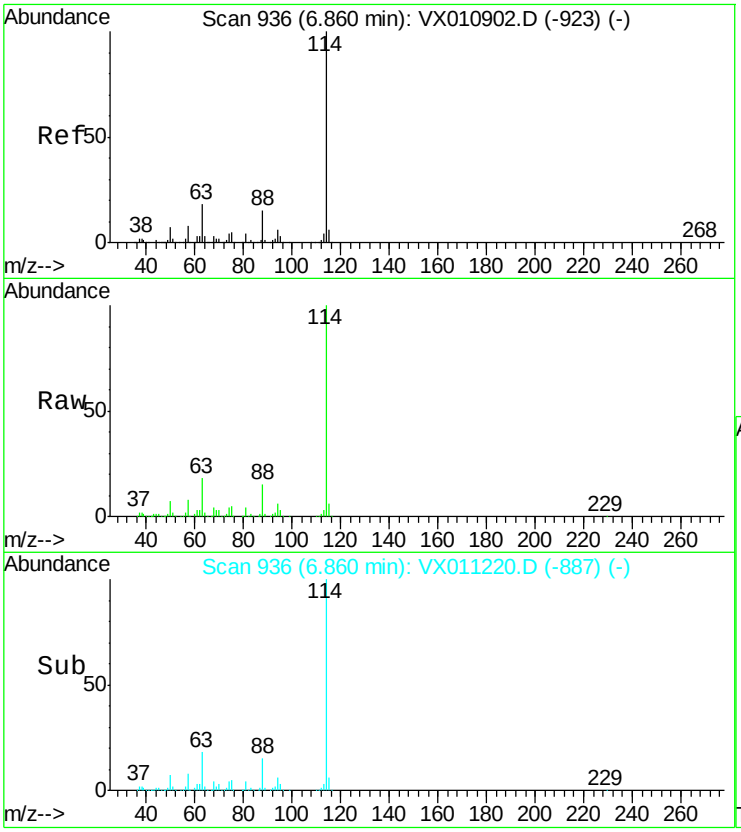


#33
1,2-Dichloroethane-d4
Concen: 47.105 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 65 Resp: 116122

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.8



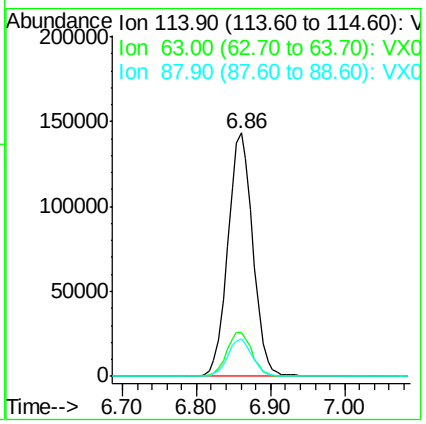


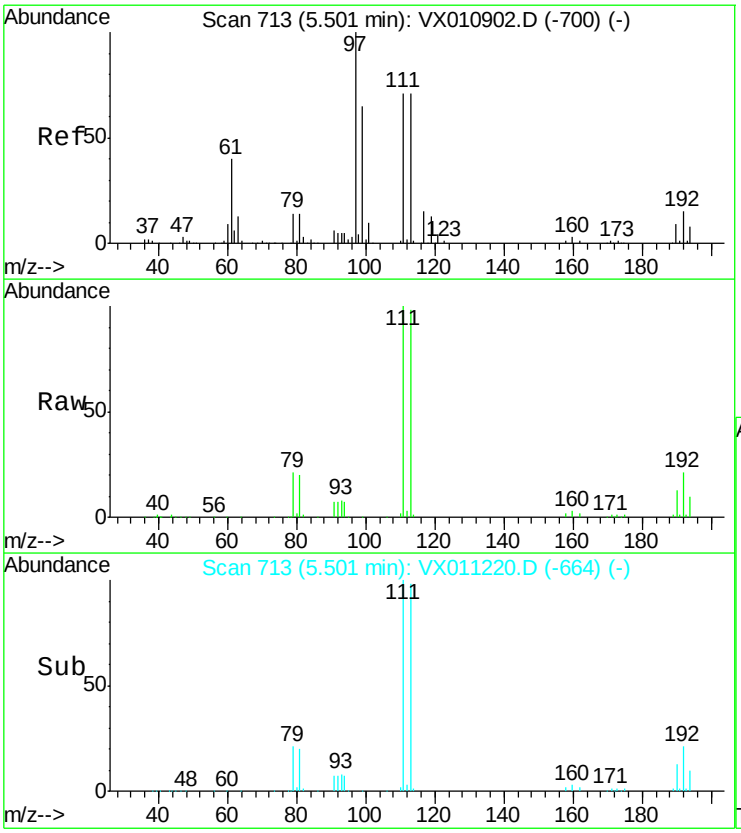
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion:114 Resp: 335524

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	15.2	0.0	29.8

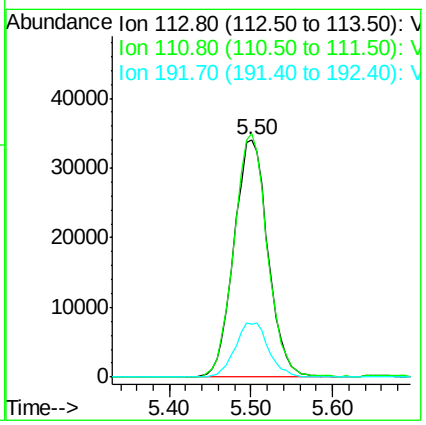


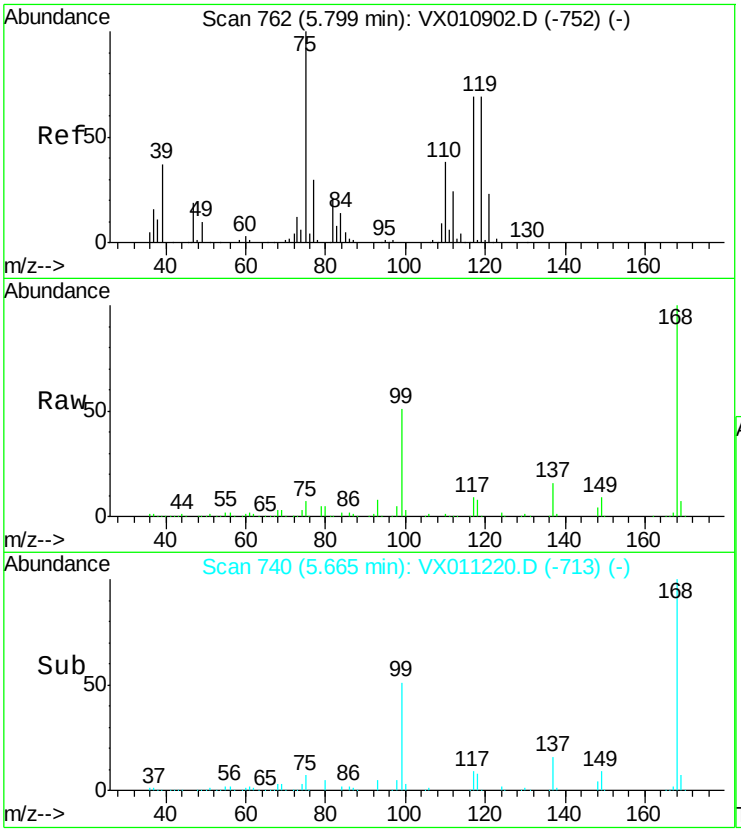


#35
Dibromofluoromethane
Concen: 46.135 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion:113 Resp: 98252

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.3	123.5
192	22.7	17.4	26.2



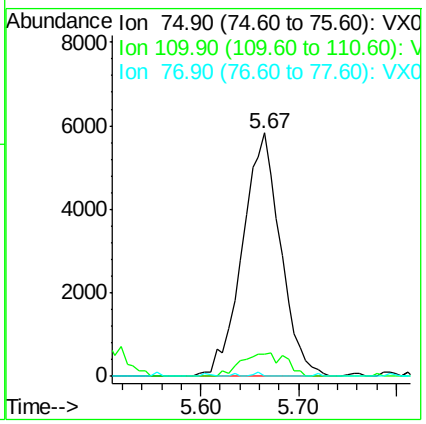


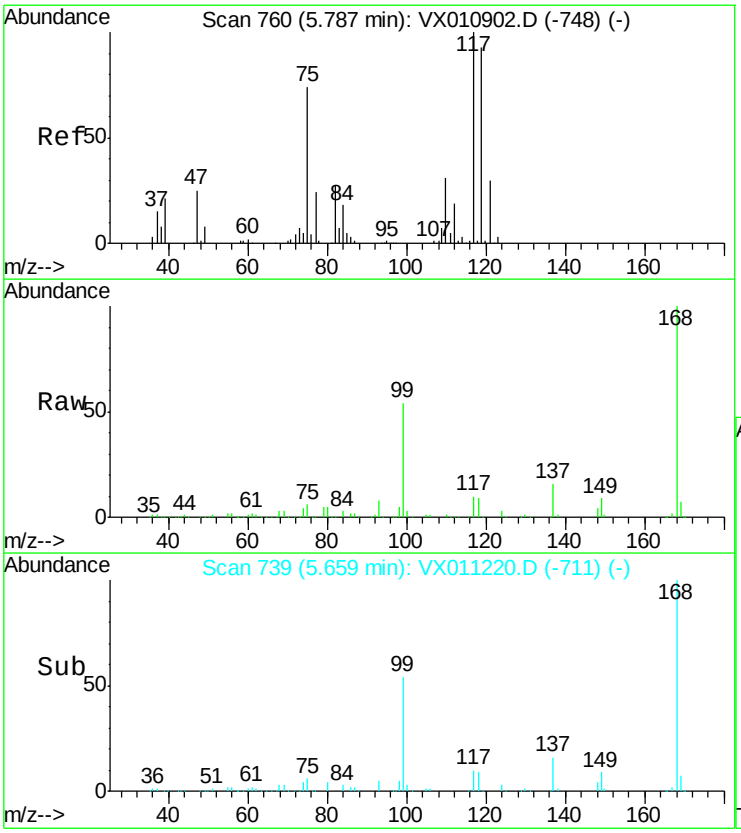
#36
1,1-Dichloropropene
Concen: 5.712 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 75 Resp: 15743

Ion	Ratio	Lower	Upper
75	100		
110	11.2	19.9	59.7#
77	0.3	25.0	37.4#

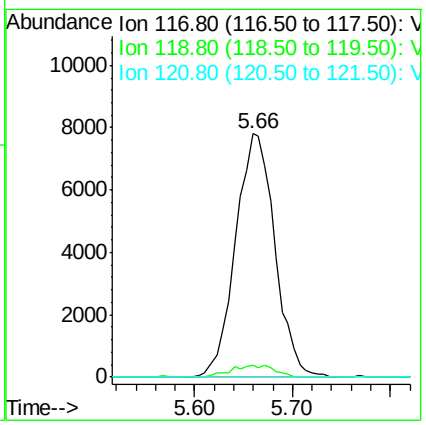


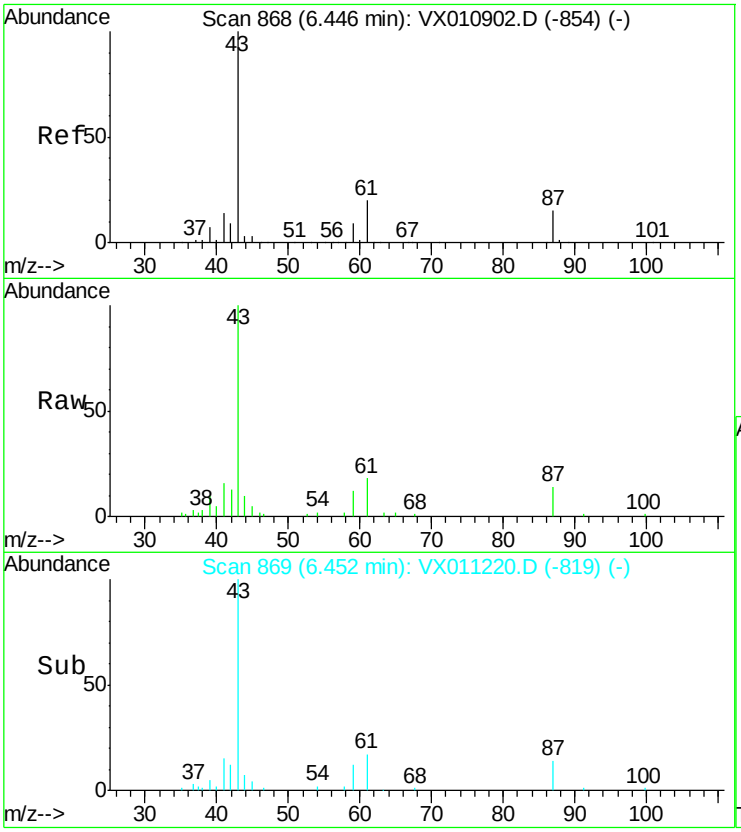


#38
Carbon Tetrachloride
Concen: 7.578 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion:117 Resp: 21764

Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.2	111.2#
121	0.0	24.2	36.2#



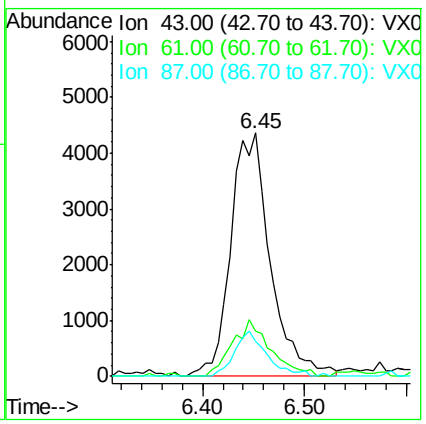


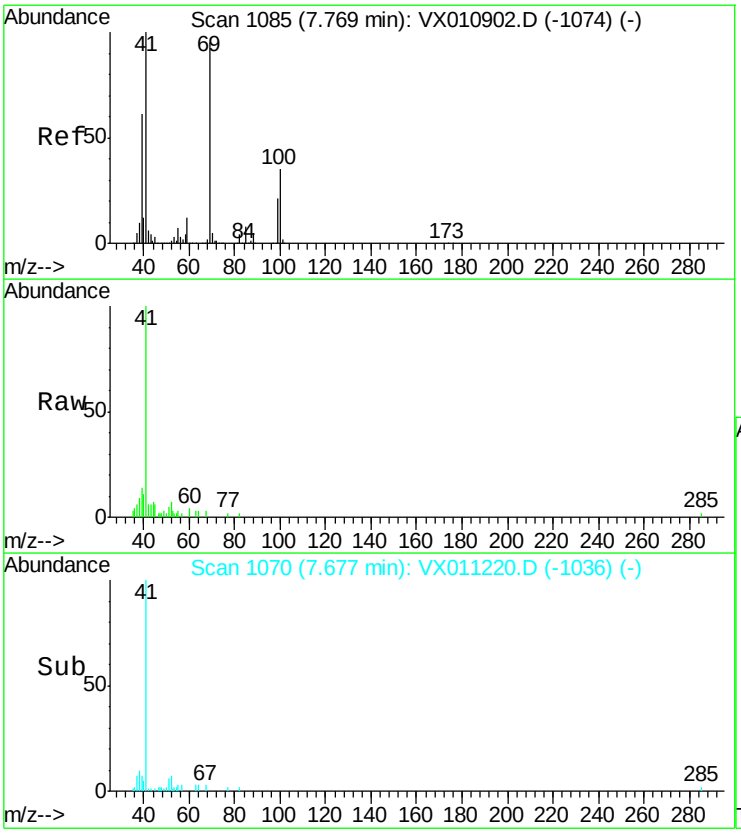
#43
Isopropyl Acetate
Concen: 2.528 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument : MSVOA_X
ClientSampleId : PB121803TB

Tgt Ion: 43 Resp: 11733

Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.1	25.7
87	15.1	12.0	18.0

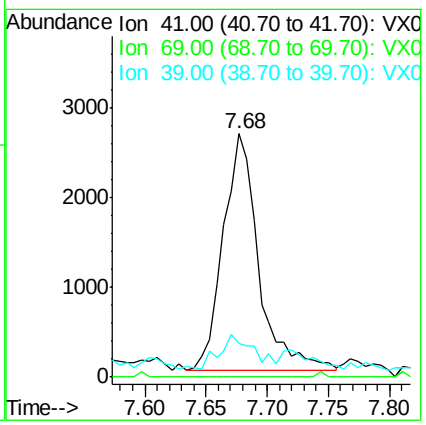


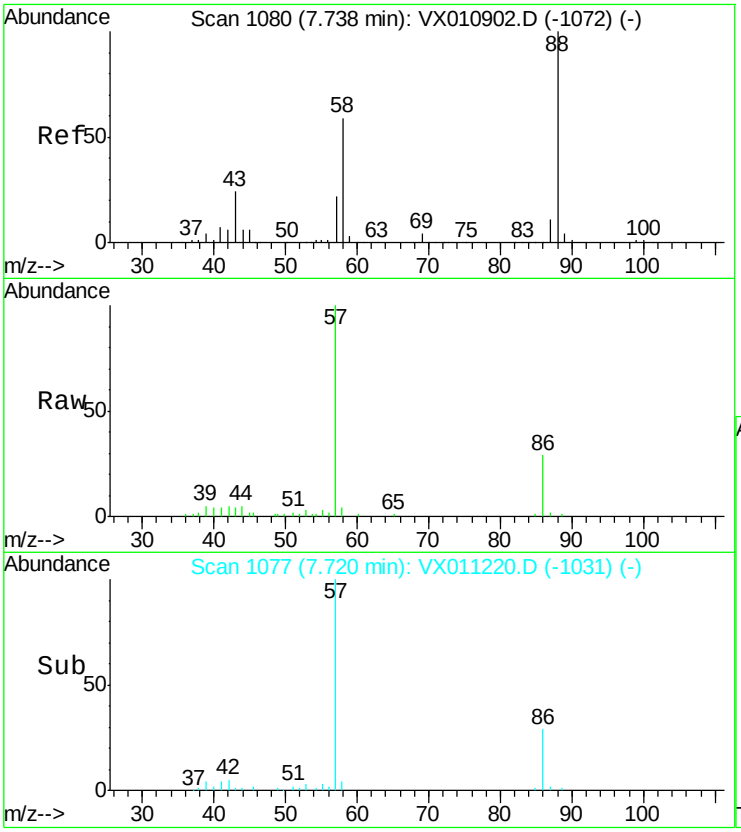


#48
Methyl methacrylate
Concen: 2.341 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 41 Resp: 5292

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#



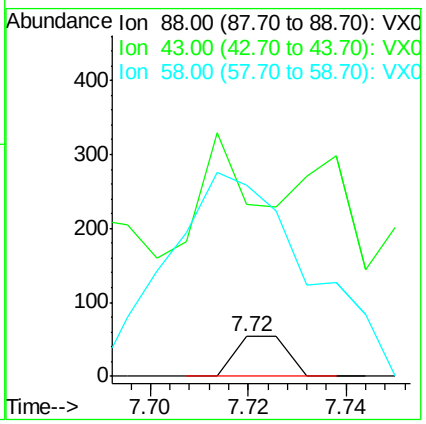


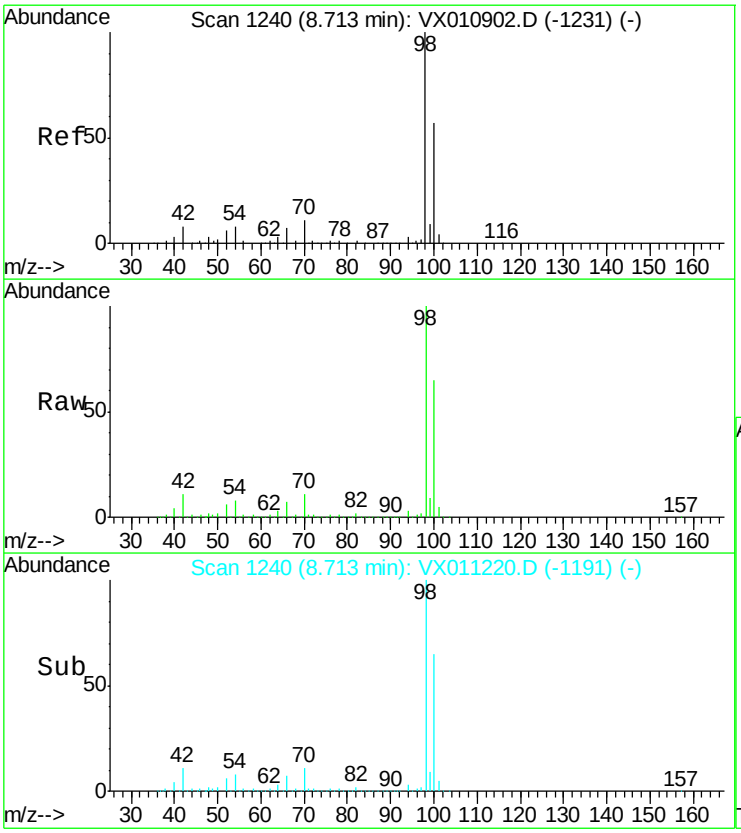
#49
1,4-Dioxane
Concen: 0.633 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	1377.5	49.8	74.8#

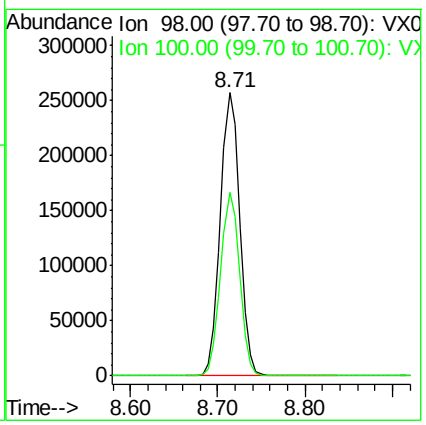


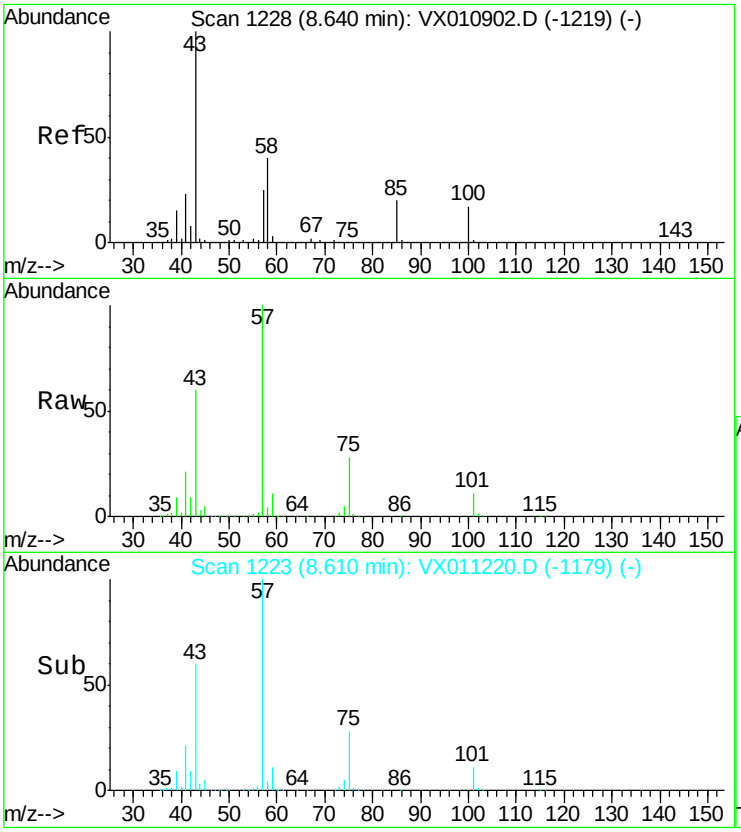


#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 98 Resp: 395746

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.6	75.8



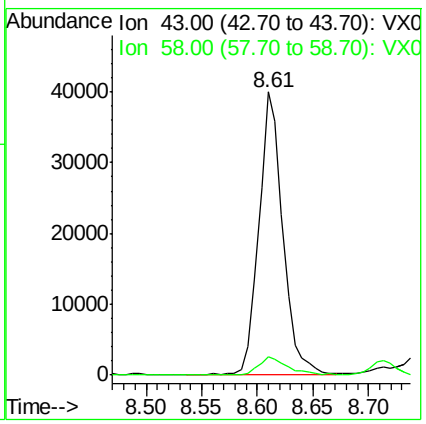


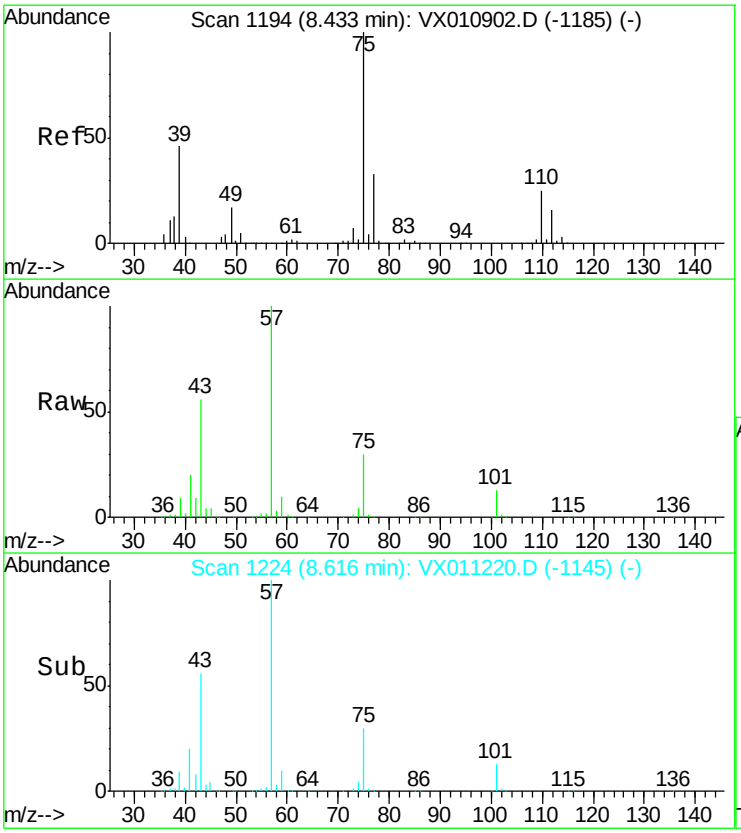
#51
4-Methyl-2-Pentanone
Concen: 19.893 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument : MSVOA_X
ClientSampleId : PB121803TB

Tgt Ion: 43 Resp: 59840

Ion	Ratio	Lower	Upper
43	100		
58	8.1	32.2	48.4#

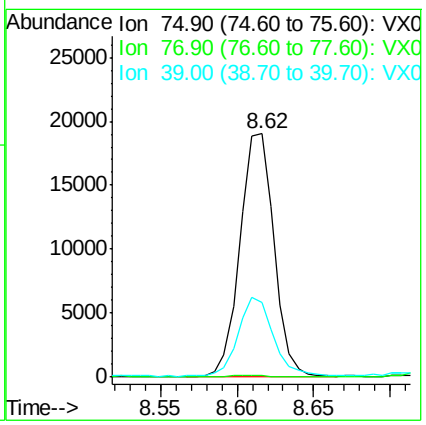


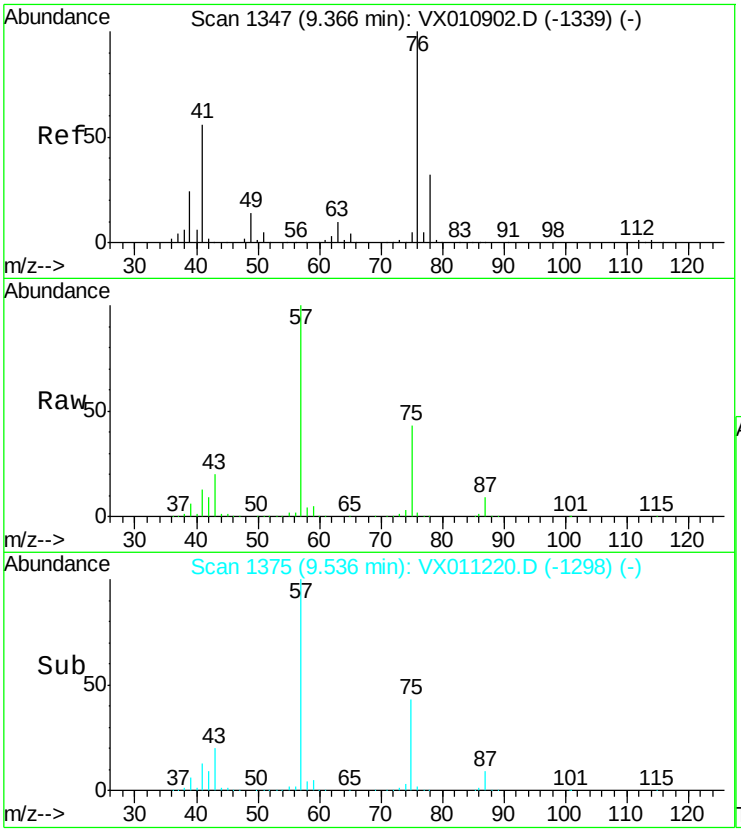


#54
cis-1,3-Dichloropropene
Concen: 9.029 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 75 Resp: 29527

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.1	39.1#
39	30.1	36.6	54.8#



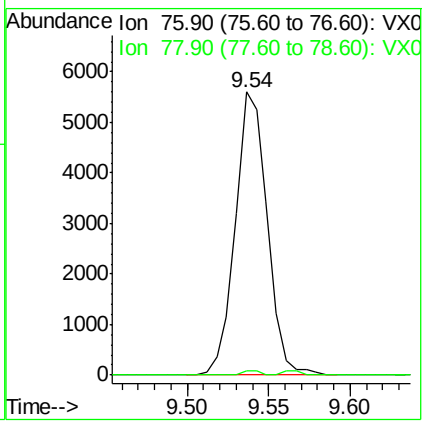


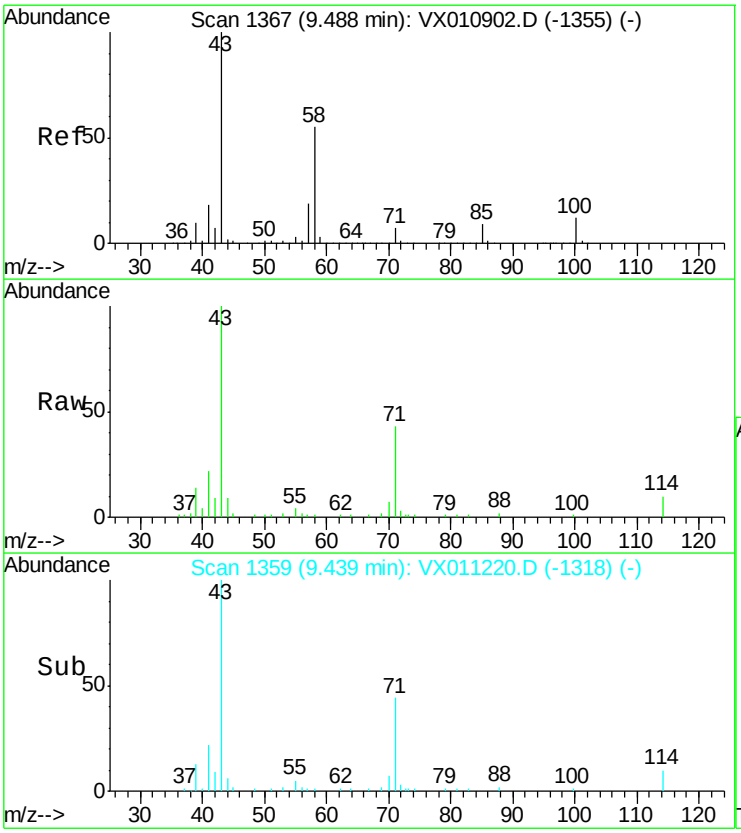
#57
1,3-Dichloropropane
Concen: 2.105 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument : MSVOA_X
ClientSampleId : PB121803TB

Tgt Ion: 76 Resp: 7624

Ion	Ratio	Lower	Upper
76	100		
78	0.8	25.6	38.4#

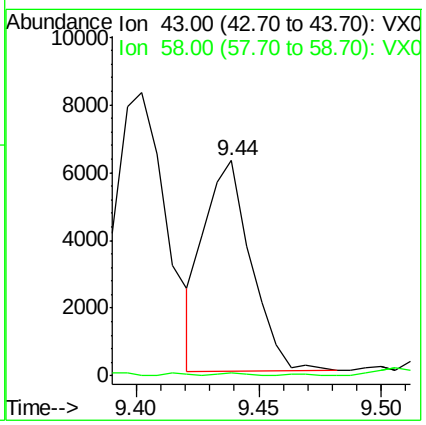


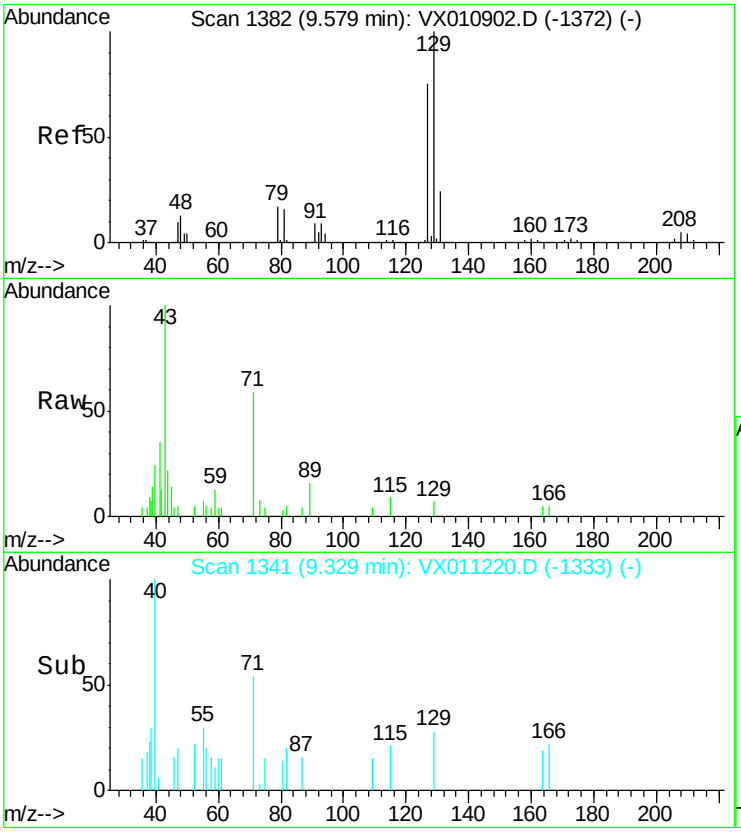


#59
2-Hexanone
Concen: 3.541 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 43 Resp: 8261

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#



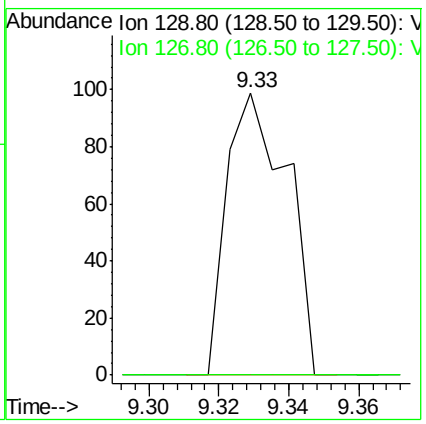


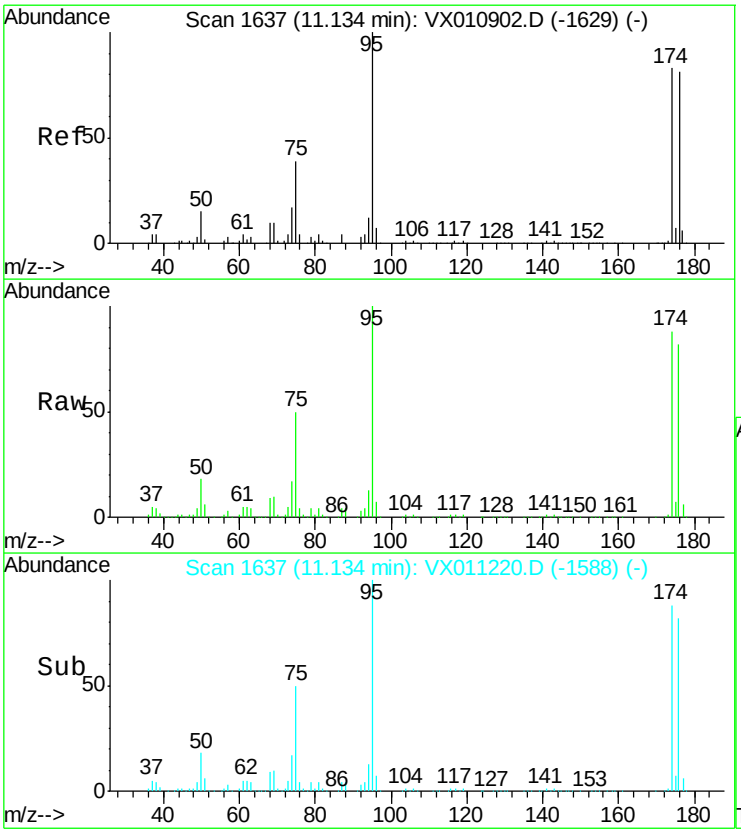
#60
Dibromochloromethane
Concen: 2.570 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion:129 Resp: 118

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

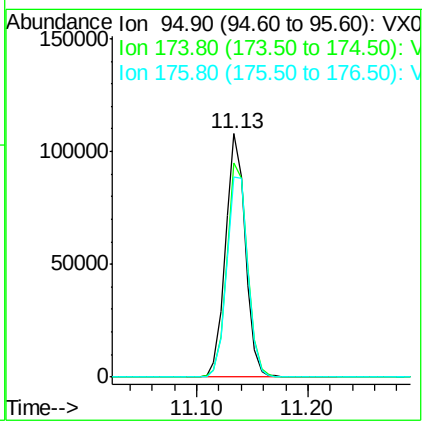


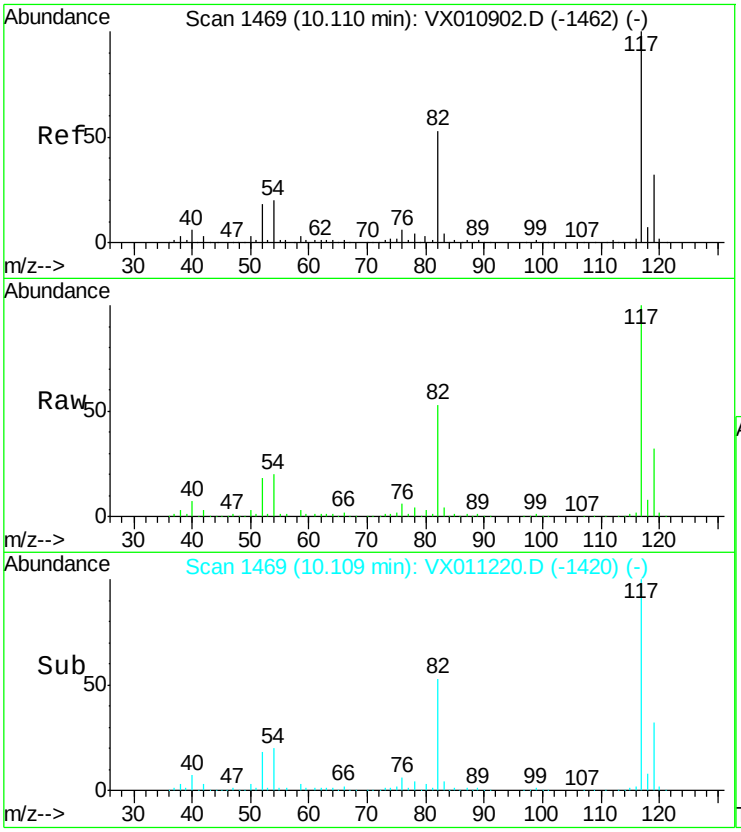


#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 95 Resp: 132374

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	180.6
176	88.1	0.0	173.8



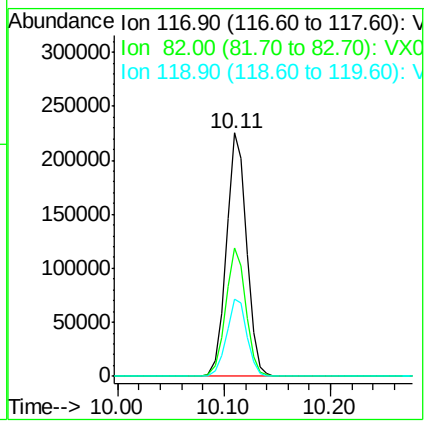


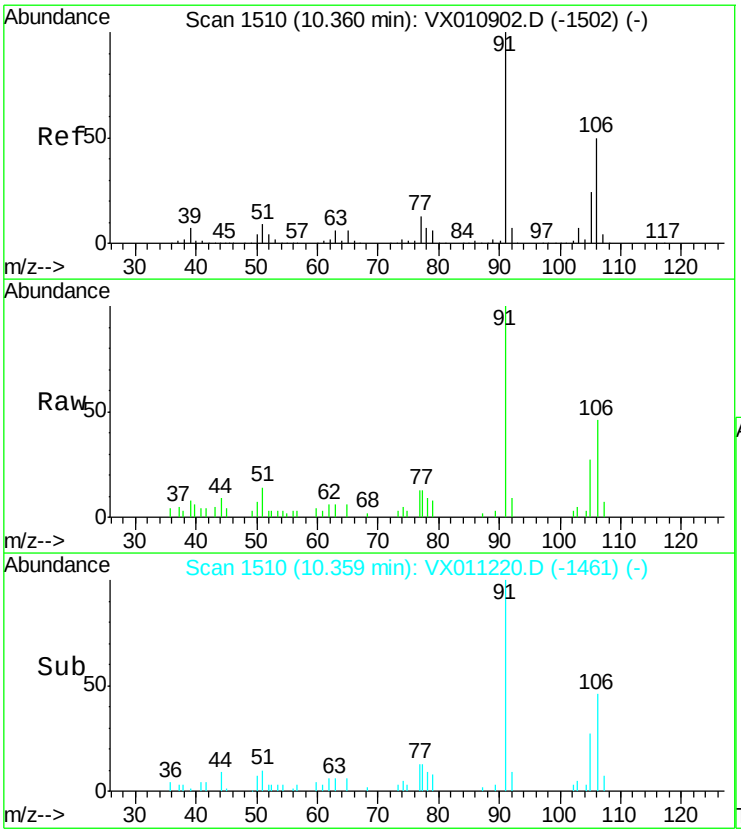
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument : MSVOA_X
ClientSampleId : PB121803TB

Tgt Ion:117 Resp: 299261

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	31.5	25.9	38.9

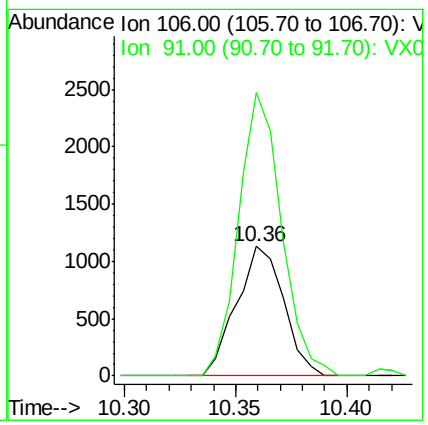


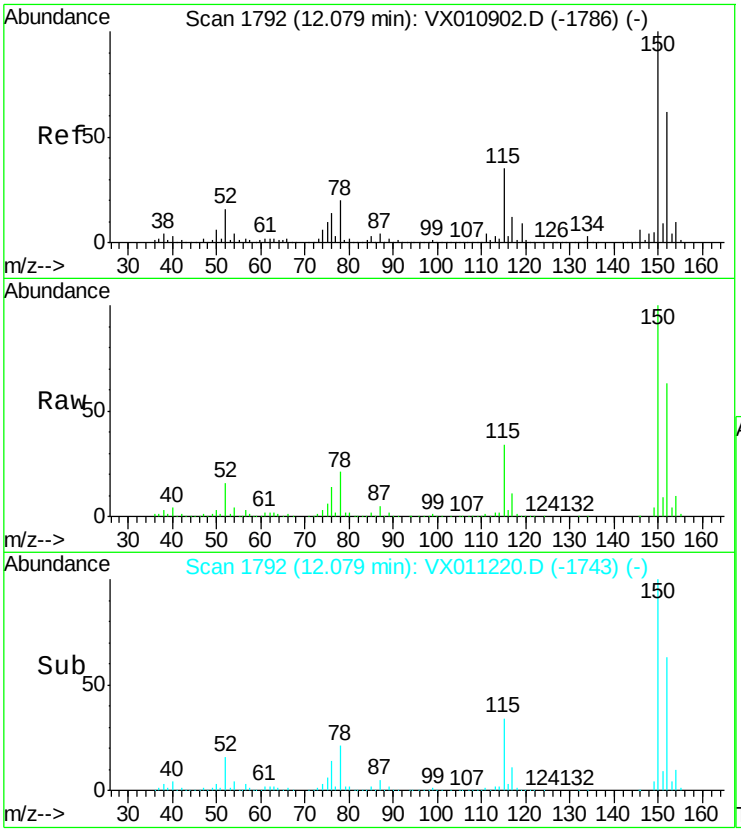


#68
m/p-Xylenes
Concen: 0.417 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion:106 Resp: 1672

Ion	Ratio	Lower	Upper
106	100		
91	199.2	160.1	240.1



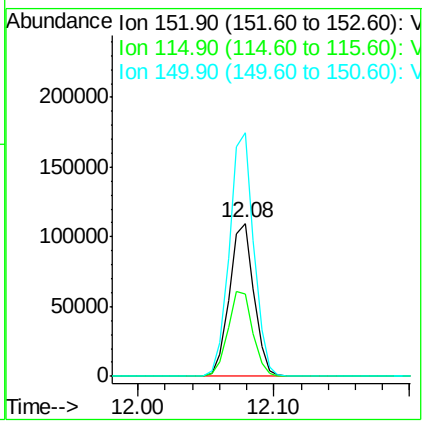


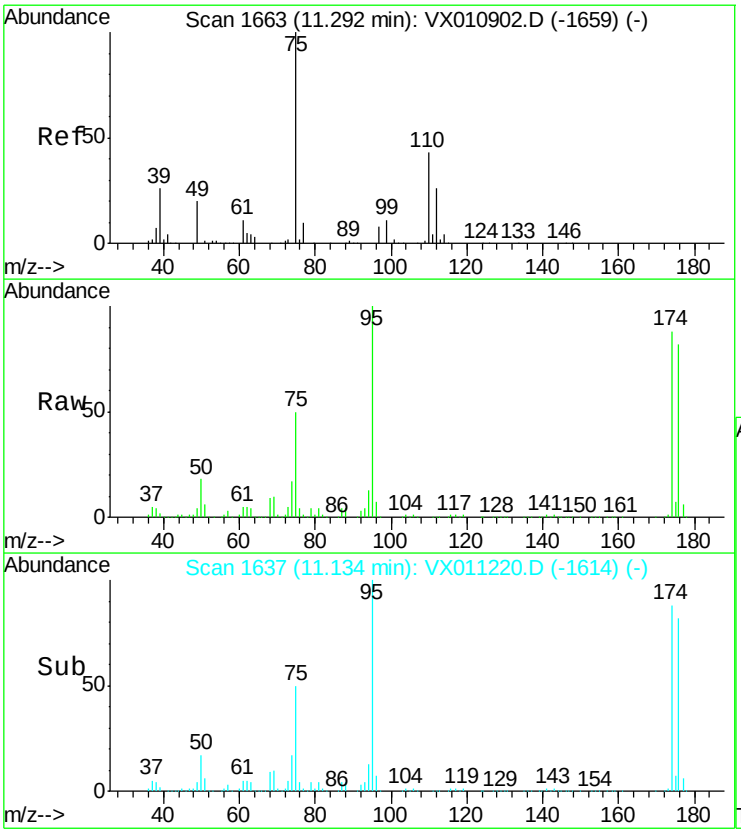
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion:152 Resp: 137138

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.7	119.1
150	158.6	0.0	345.6

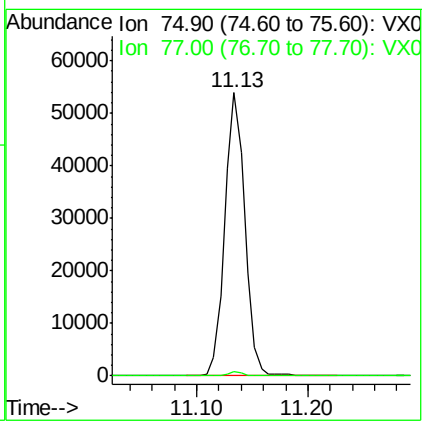


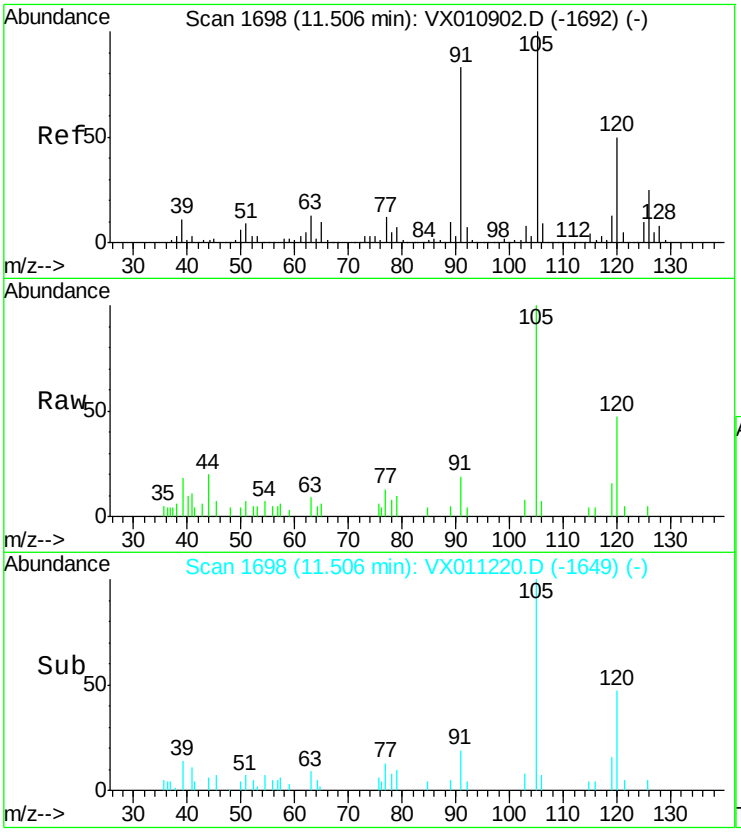


#76
1,2,3-Trichloropropane
Concen: 27.124 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 75 Resp: 67124

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	64.0#



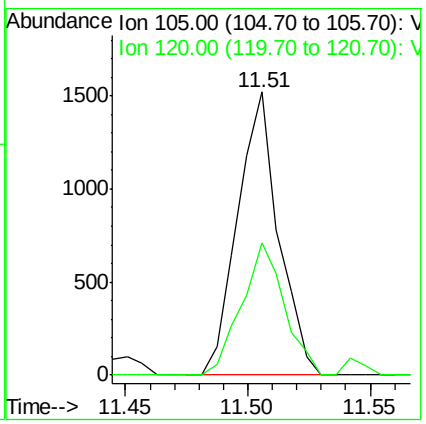


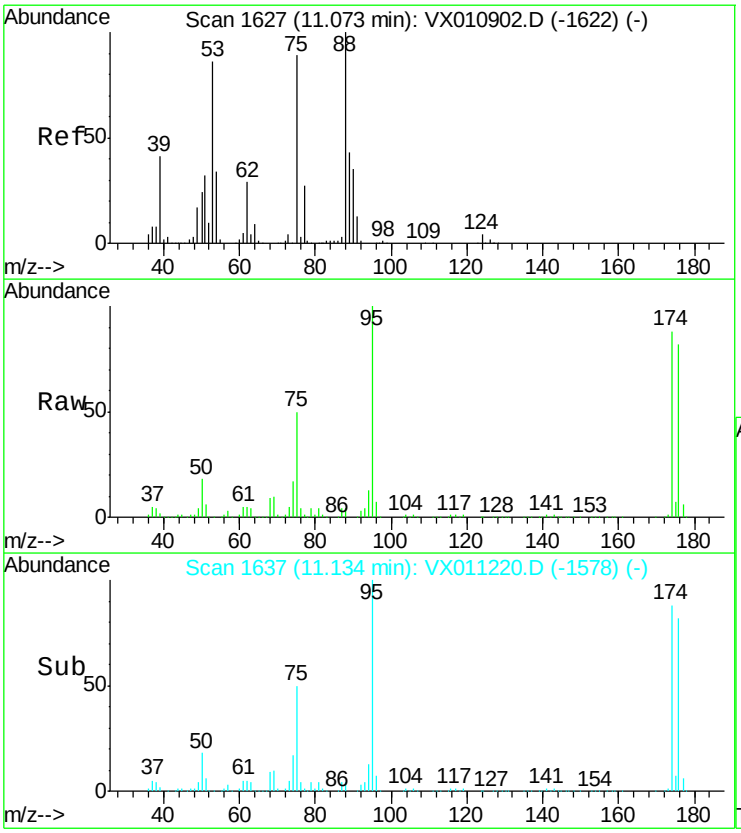
#80
1,3,5-Trimethylbenzene
Concen: 0.227 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Instrument :
MSVOA_X
ClientSampleId :
PB121803TB

Tgt Ion:105 Resp: 1761

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 67.230 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011220.D
Acq: 31 Jul 2019 01:51

Tgt Ion: 75 Resp: 67124

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.5	57.7#