Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011219.D
Acq On : 31 Jul 2019 01:27
Operator : JC/SP
Sample : PB121808TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Quant Time: Jul 31 08:47:10 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

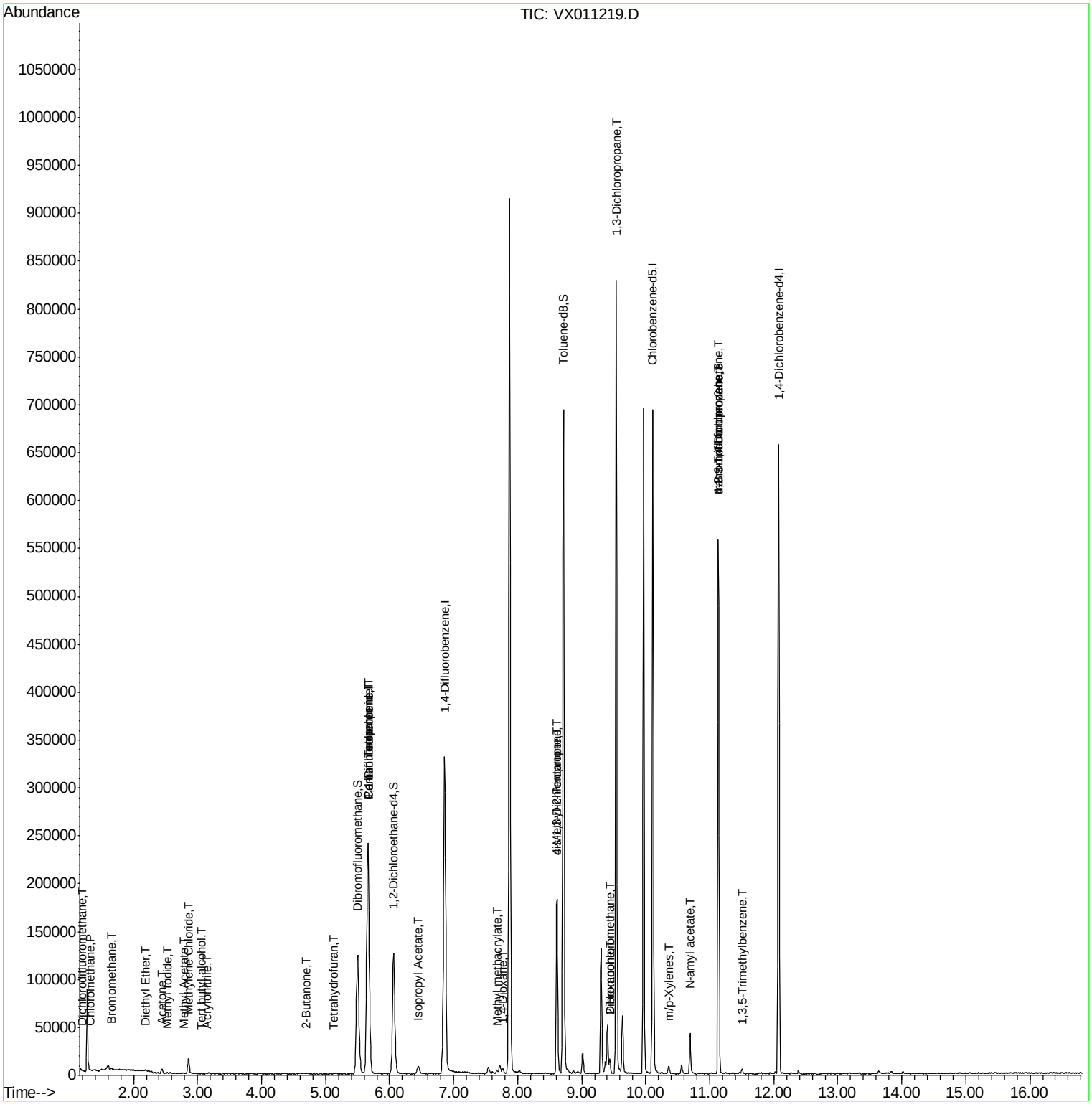
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	118851	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.30%			
35) Dibromofluoromethane	5.50	113	103894	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.22%			
50) Toluene-d8	8.71	98	407288	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.48%			
62) 4-Bromofluorobenzene	11.13	95	136415	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	172	0.612	ug/l #	43
3) Chloromethane	1.32	50	485	0.218	ug/l #	42
5) Bromomethane	1.65	94	435	0.340	ug/l #	63
8) Diethyl Ether	2.19	74	297	0.224	ug/l	69
10) Methyl Iodide	2.52	142	891	0.309	ug/l #	46
11) Tert butyl alcohol	3.06	59	149	0.248	ug/l #	18
15) Acrylonitrile	3.15	53	304	0.251	ug/l #	56
16) Acetone	2.45	43	5227	4.494	ug/l	89
18) Methyl Acetate	2.79	43	1168	0.441	ug/l #	83
20) Methylene Chloride	2.86	84	7460	3.027	ug/l	93
25) 2-Butanone	4.70	43	797	0.477	ug/l #	88
29) Tetrahydrofuran	5.12	42	288	0.272	ug/l #	61
36) 1,1-Dichloropropene	5.66	75	15901	5.572	ug/l #	49
38) Carbon Tetrachloride	5.66	117	22780	7.660	ug/l #	17
43) Isopropyl Acetate	6.45	43	11878	2.472	ug/l	100
48) Methyl methacrylate	7.68	41	4778	2.041	ug/l #	10
49) 1,4-Dioxane	7.77	88	21	0.321	ug/l #	28
51) 4-Methyl-2-Pentanone	8.62	43	60241	19.340	ug/l #	48
54) cis-1,3-Dichloropropene	8.62	75	30656	9.053	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	7108	1.895	ug/l #	43
59) 2-Hexanone	9.44	43	8705	3.603	ug/l #	23
60) Dibromochloromethane	9.43	129	22	2.536	ug/l #	11
68) m/p-Xylenes	10.37	106	2004	0.471	ug/l	93
74) N-amyl acetate	10.69	43	9710	2.634	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	69076	26.805	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1941	0.241	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	69076	66.487	ug/l #	11

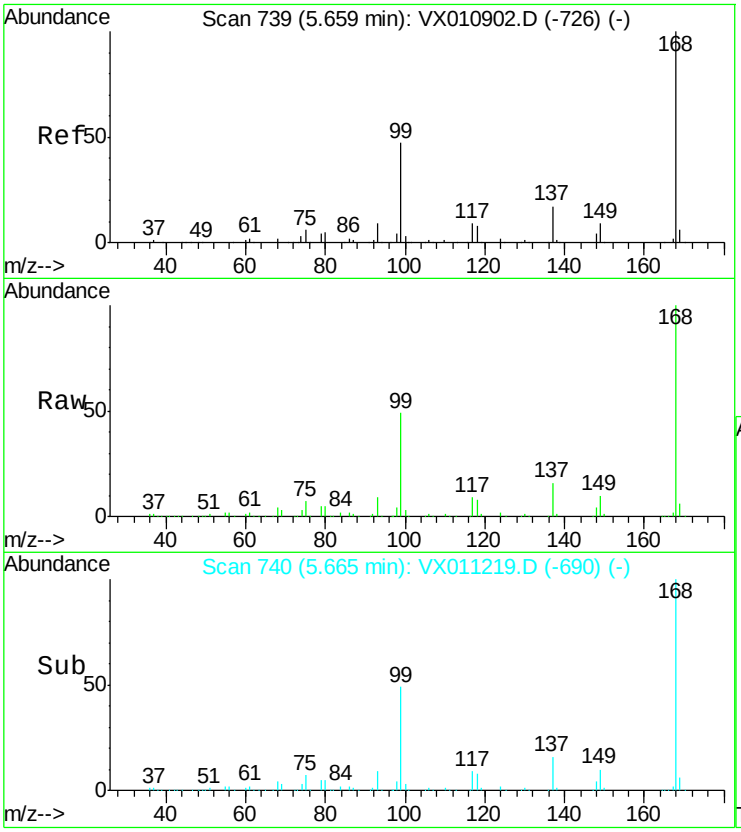
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011219.D
Acq On : 31 Jul 2019 01:27
Operator : JC/SP
Sample : PB121808TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Quant Time: Jul 31 08:47:10 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



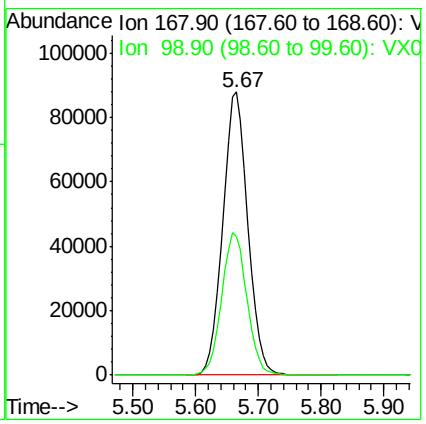


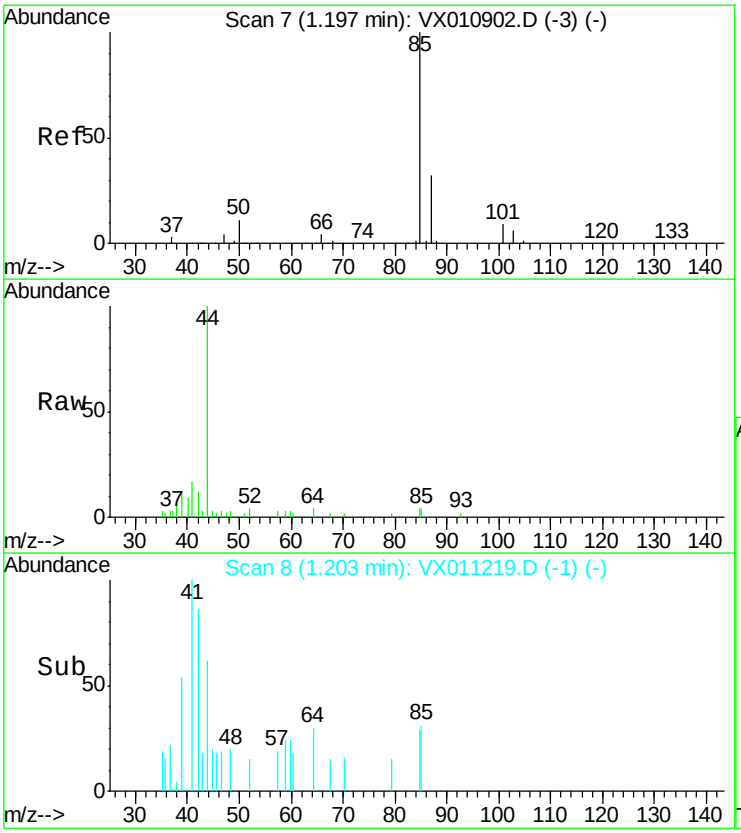
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion:168 Resp: 242069

Ion	Ratio	Lower	Upper
168	100		
99	49.0	37.6	56.4

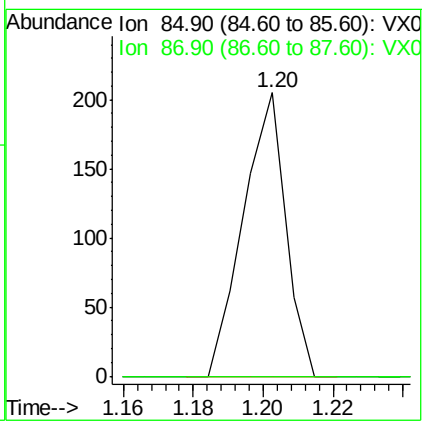


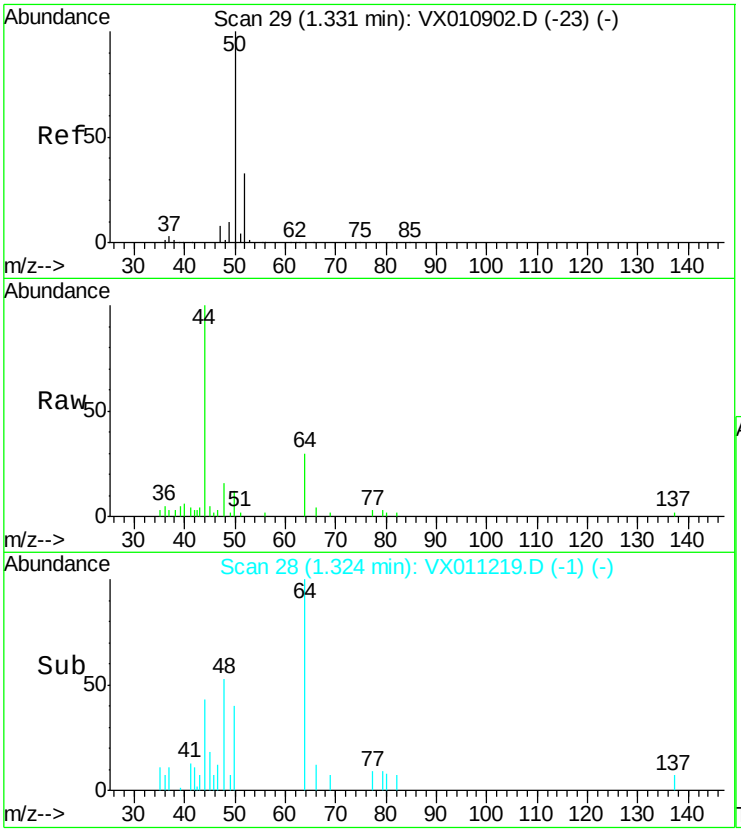


#2
Dichlorodifluoromethane
Concen: 0.612 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 85 Resp: 172

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



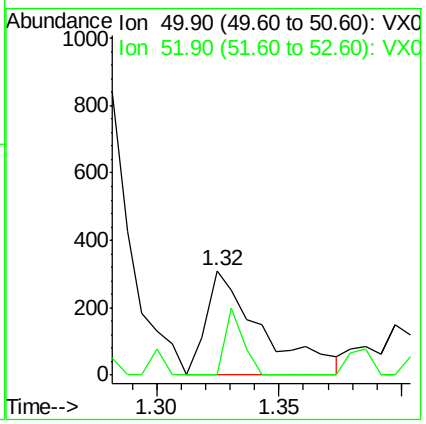


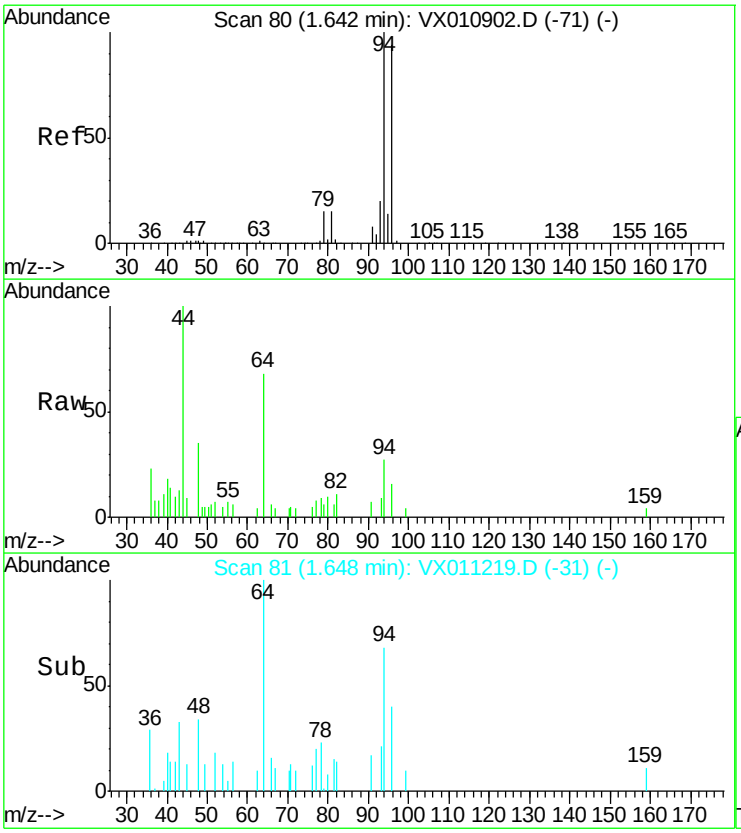
#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 50 Resp: 485

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#

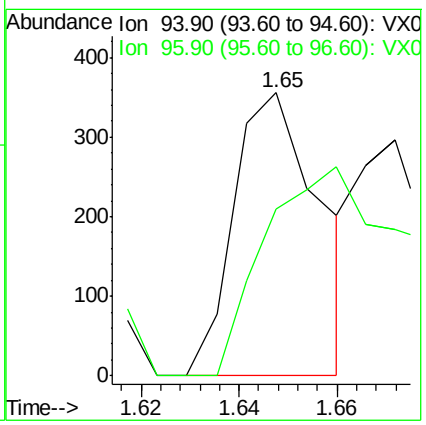


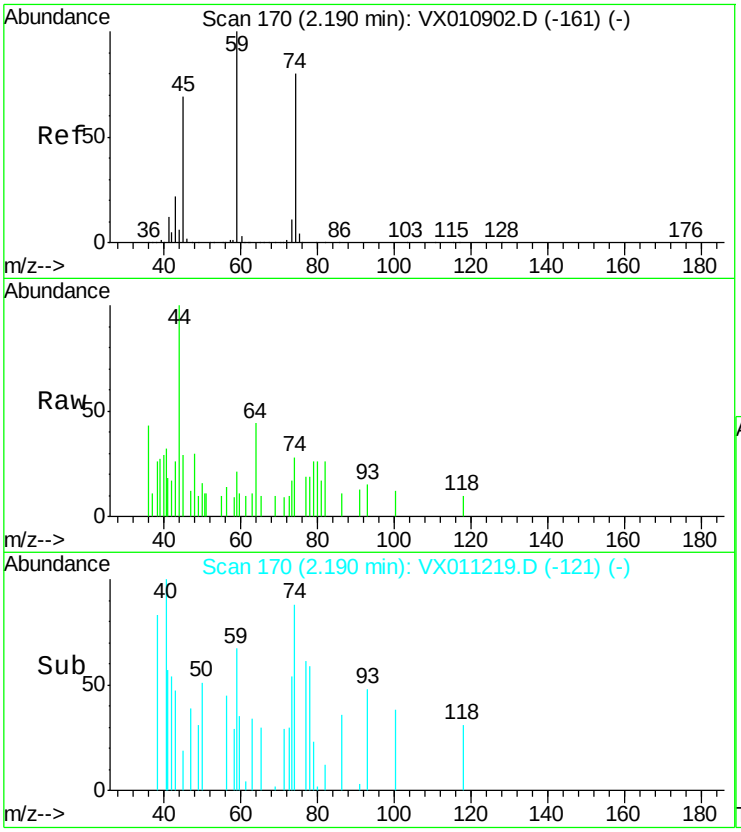


#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 94 Resp: 435

Ion	Ratio	Lower	Upper
94	100		
96	58.7	75.6	113.4#



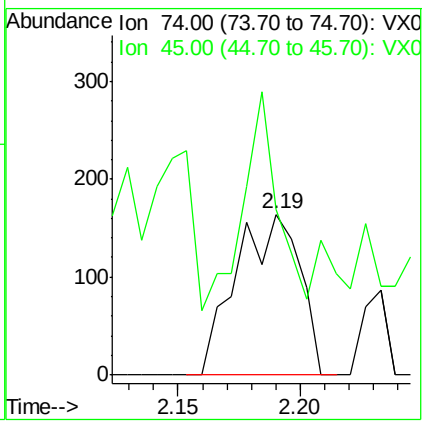


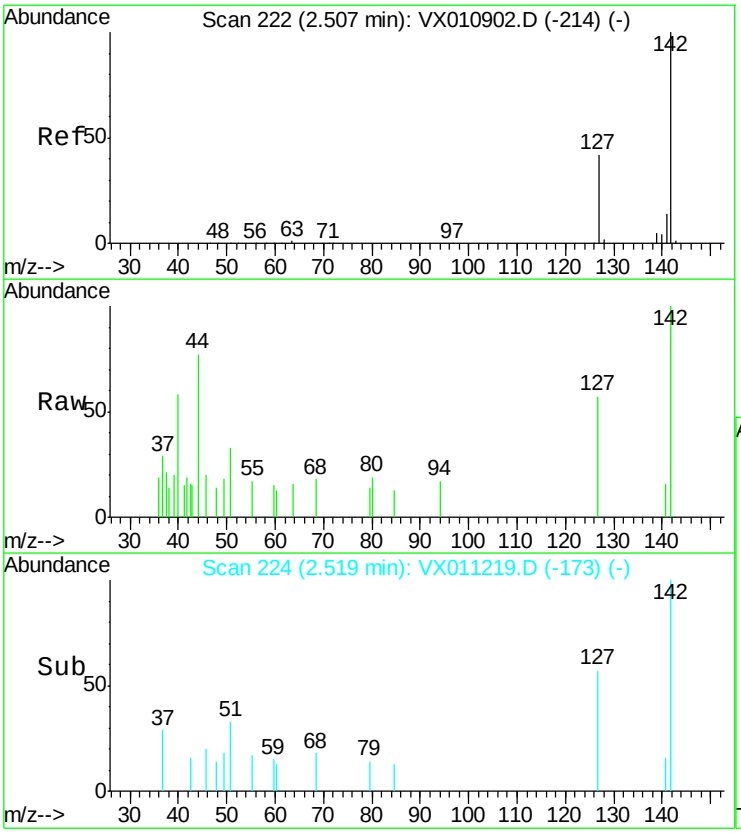
#8
Diethyl Ether
Concen: 0.224 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 74 Resp: 297

Ion	Ratio	Lower	Upper
74	100		
45	62.0	45.5	136.5

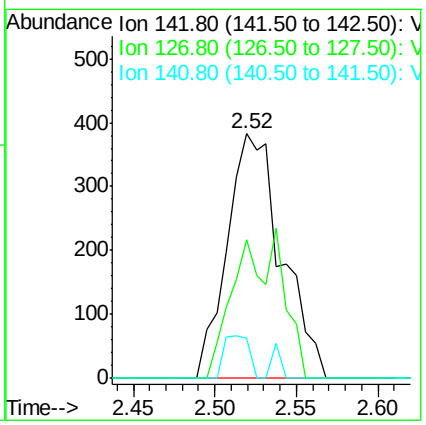


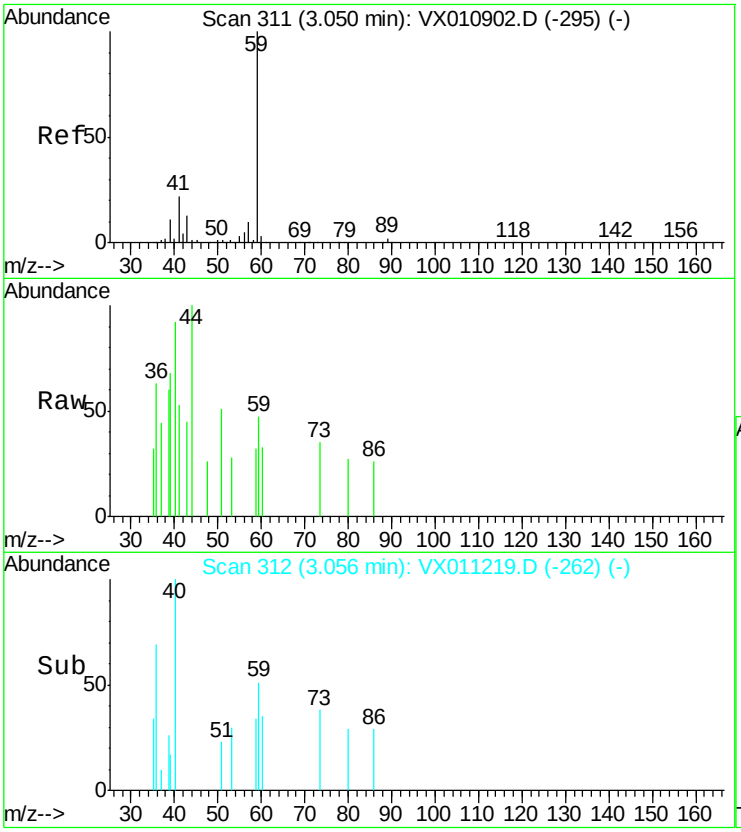


#10
Methyl Iodide
Concen: 0.309 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:142 Resp: 891

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.2	51.4#
141	7.7	11.7	17.5#



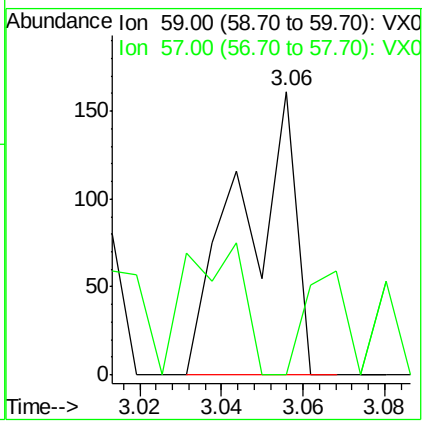


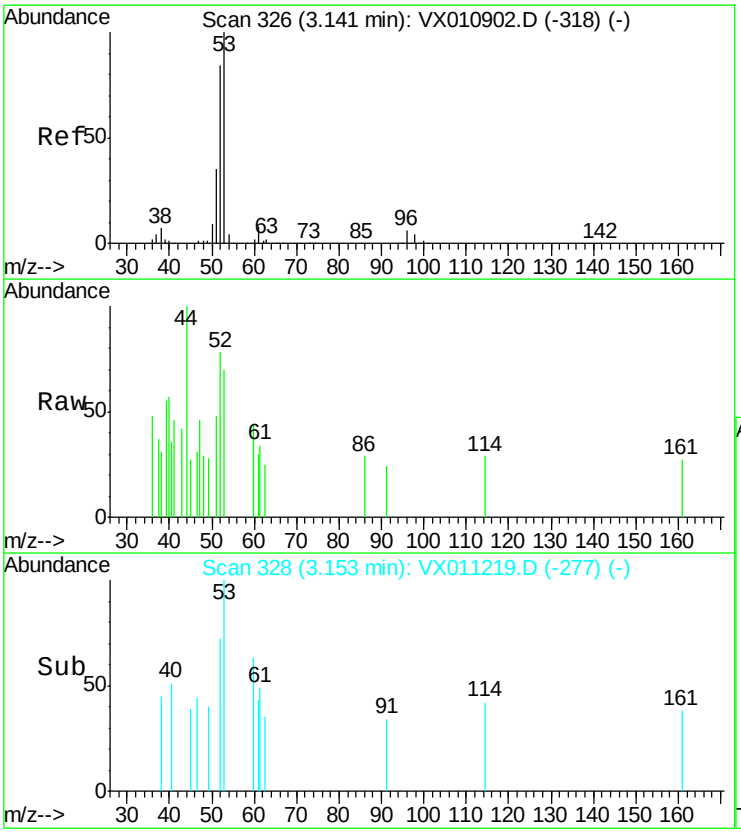
#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 59 Resp: 149

Ion	Ratio	Lower	Upper
59	100		
57	40.3	7.9	11.9#

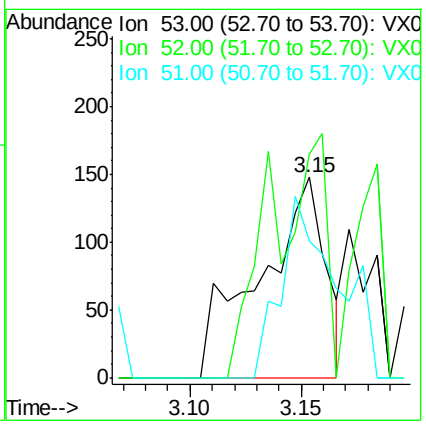


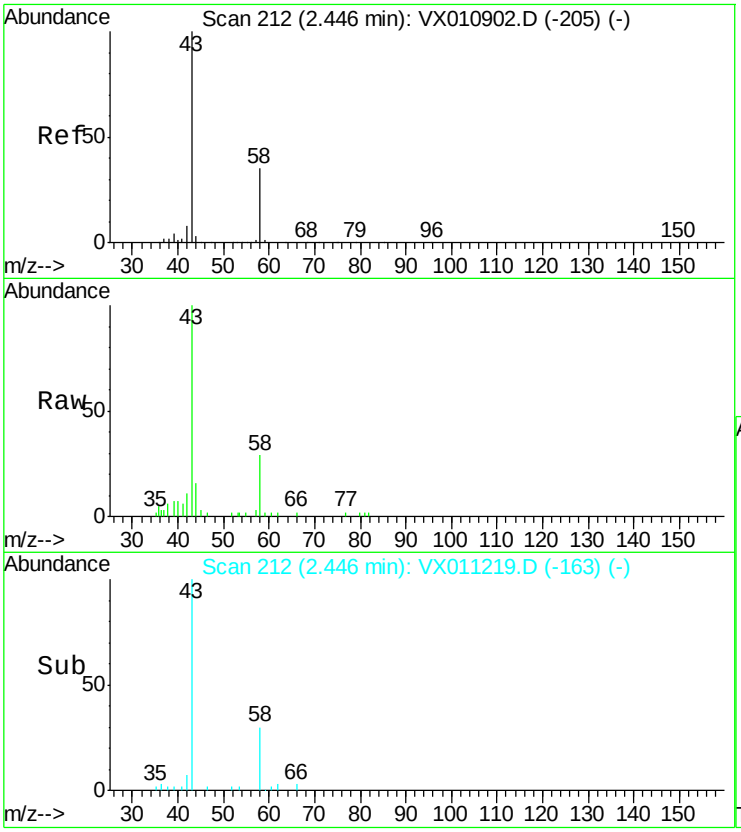


#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 53 Resp: 304

Ion	Ratio	Lower	Upper
53	100		
52	54.3	66.5	99.7#
51	77.0	28.2	42.4#



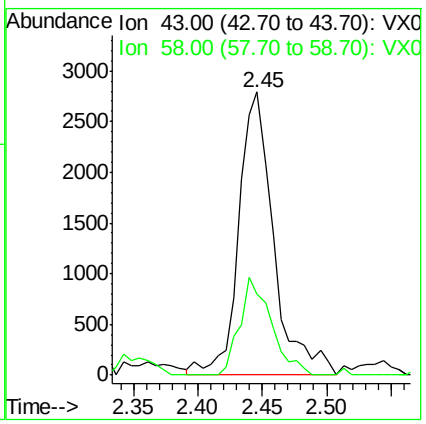


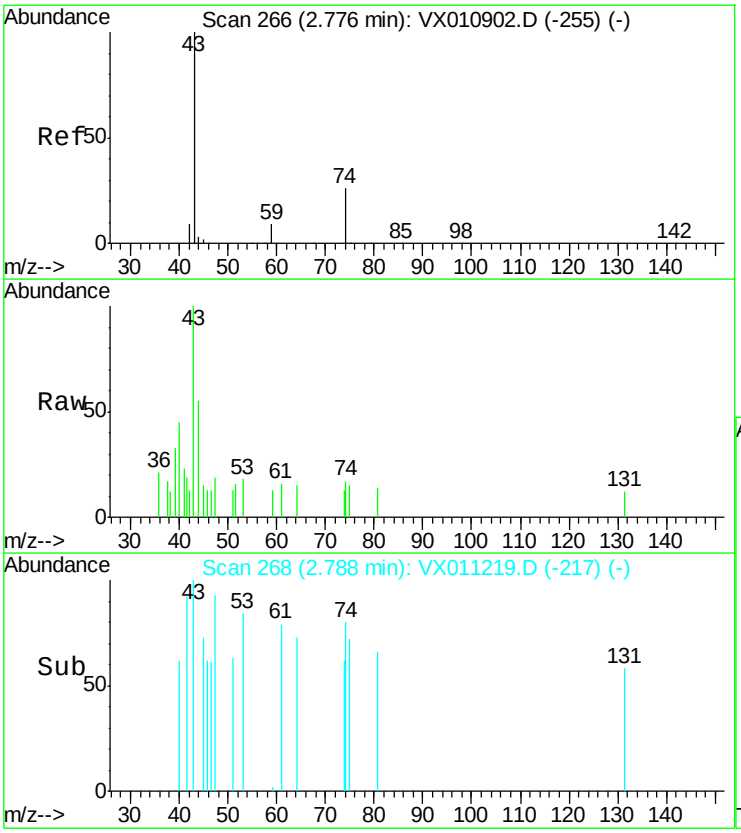
#16
Acetone
Concen: 4.494 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 43 Resp: 5227

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.7	41.5

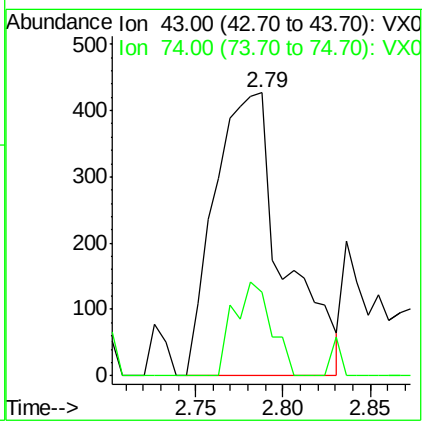


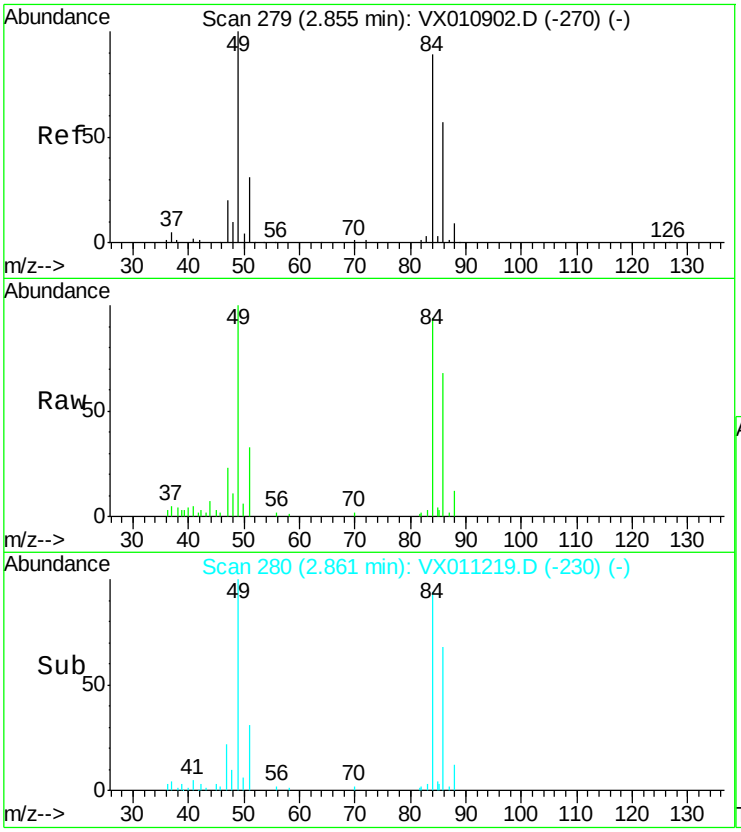


#18
Methyl Acetate
Concen: 0.441 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 43 Resp: 1168

Ion	Ratio	Lower	Upper
43	100		
74	18.1	21.5	32.3#



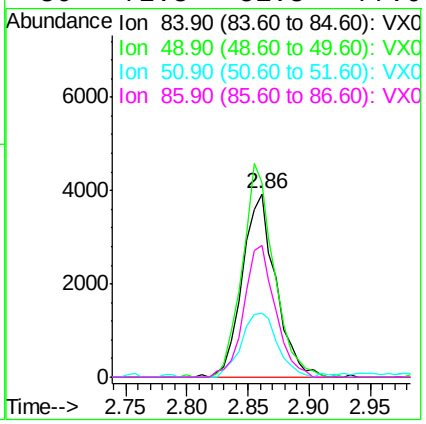


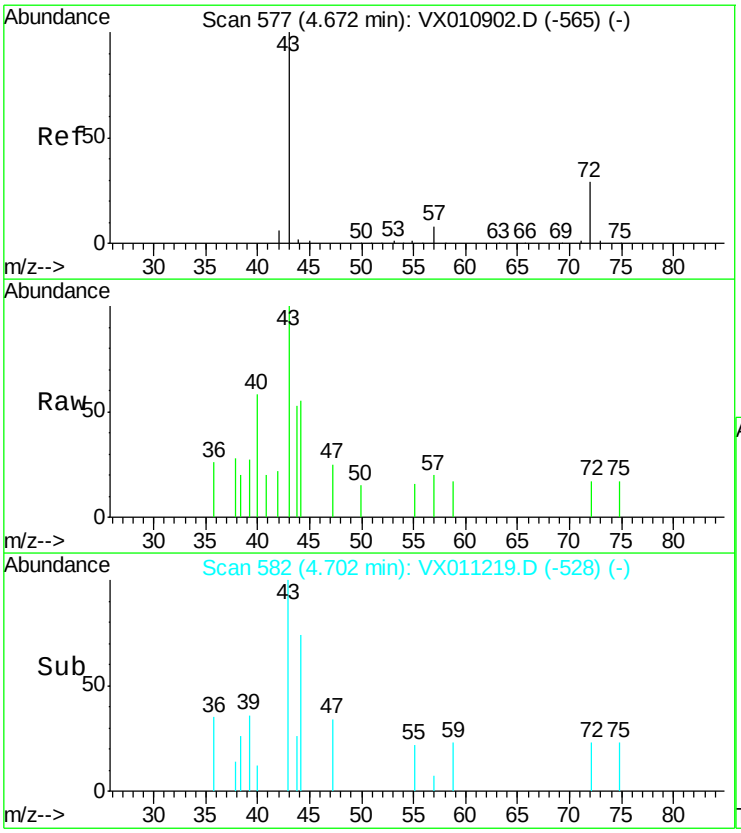
#20
Methylene Chloride
Concen: 3.027 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 84 Resp: 7460

Ion	Ratio	Lower	Upper
84	100		
49	104.6	89.9	134.9
51	34.9	27.8	41.6
86	72.3	51.8	77.6

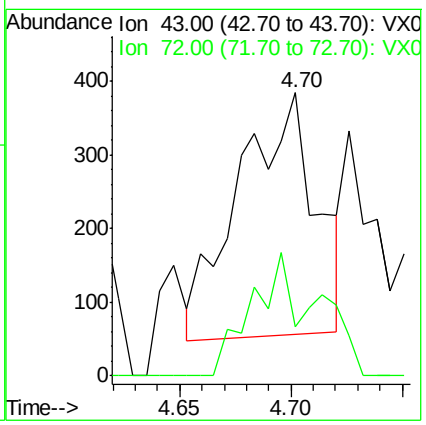


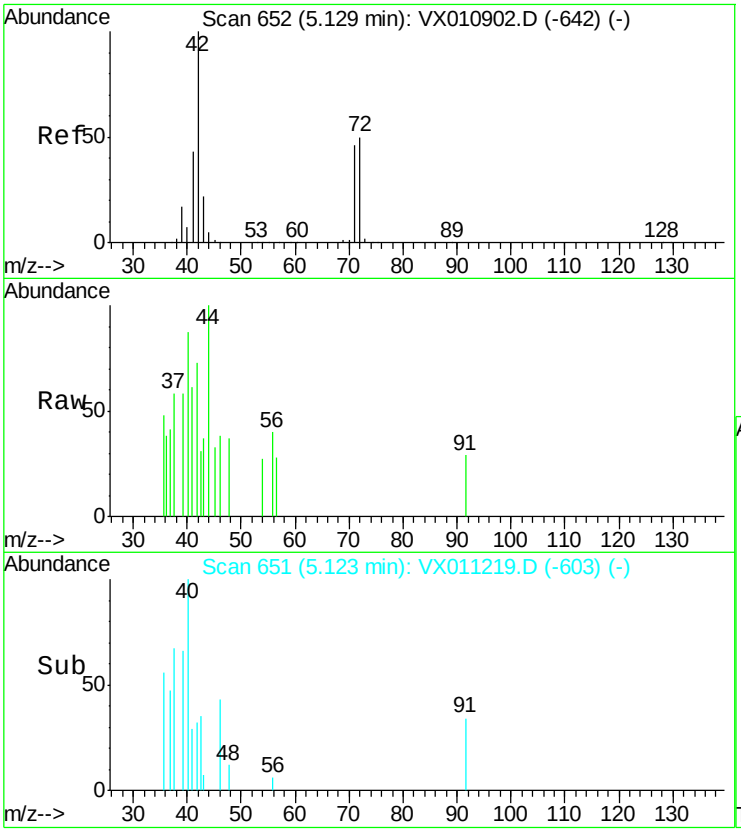


#25
2-Butanone
Concen: 0.477 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 43 Resp: 797

Ion	Ratio	Lower	Upper
43	100		
72	22.5	23.0	34.6#



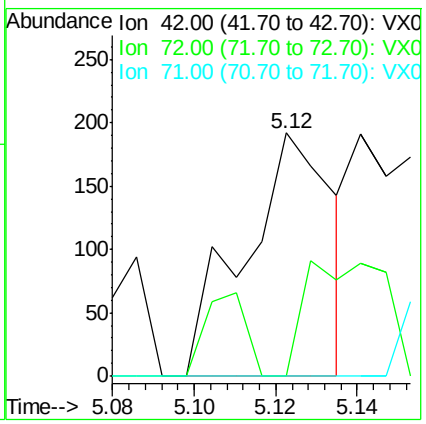


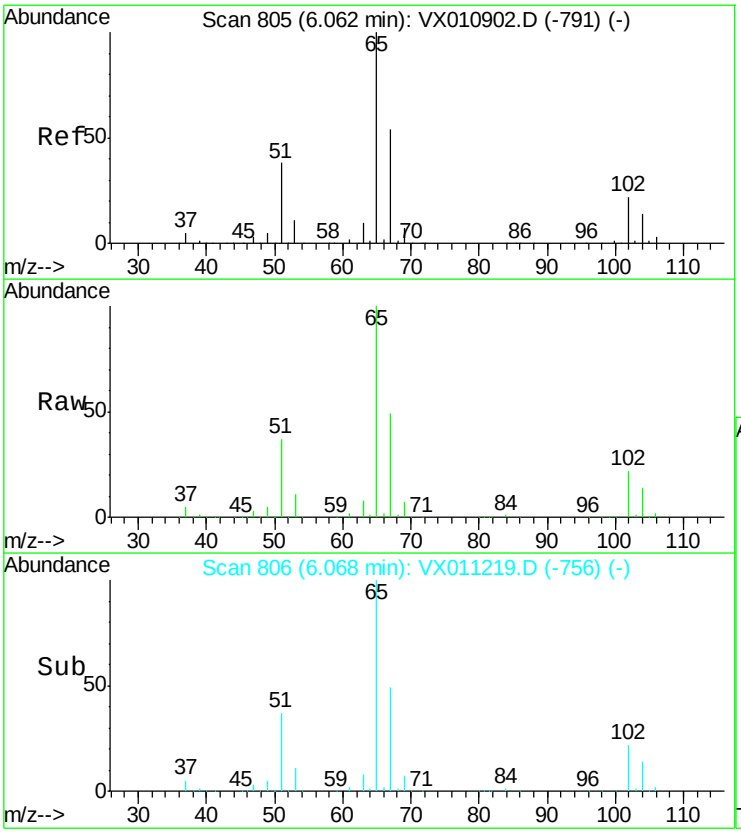
#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Tgt Ion: 42 Resp: 288

Ion	Ratio	Lower	Upper
42	100		
72	43.1	39.8	59.8
71	0.0	37.0	55.4#

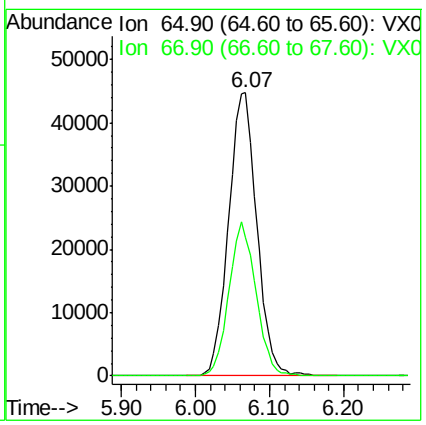


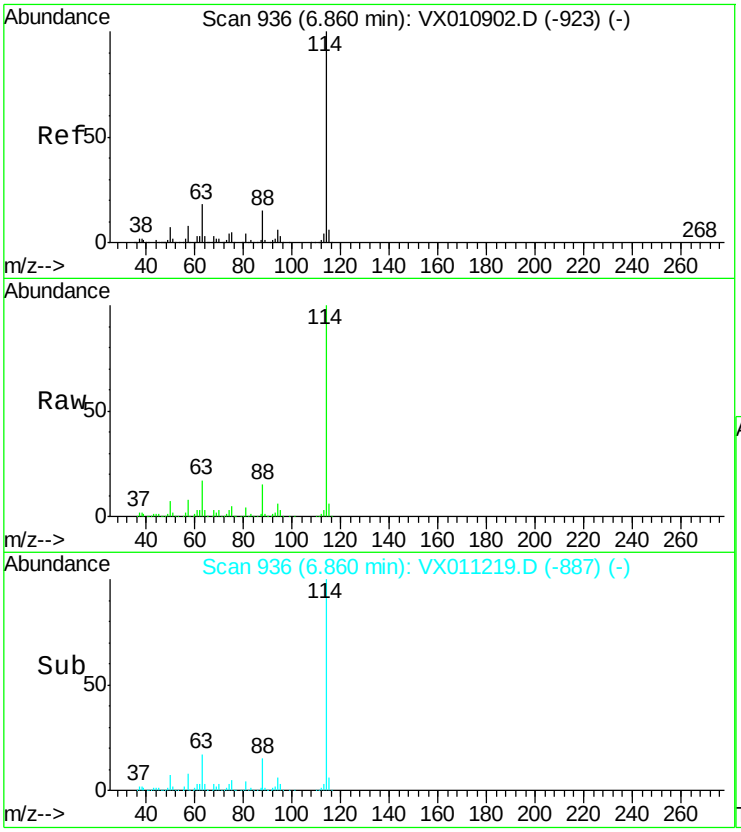


#33
1,2-Dichloroethane-d4
Concen: 46.151 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 65 Resp: 118851

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.8



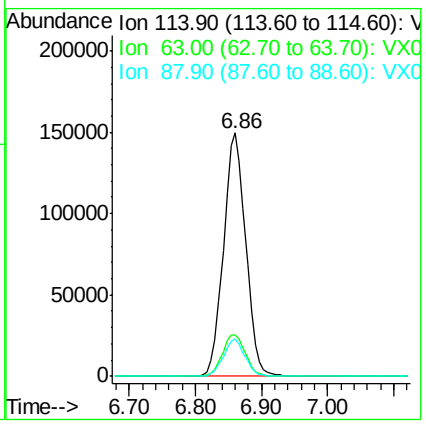


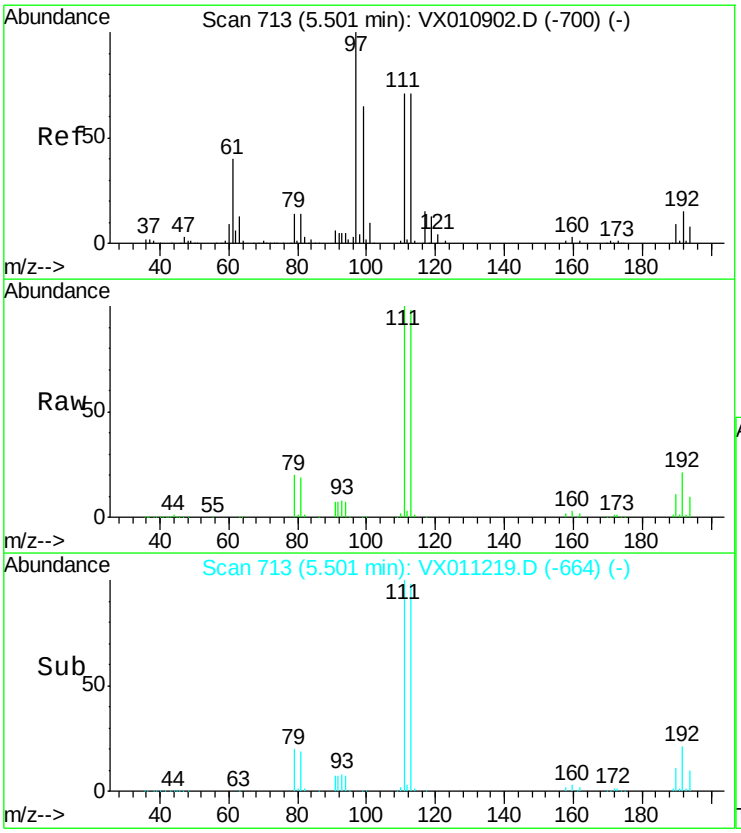
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion:114 Resp: 347442

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.6
88	15.3	0.0	29.8

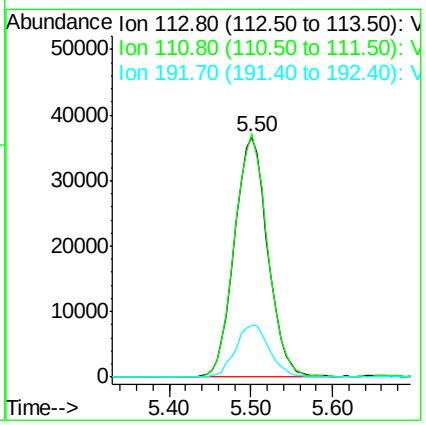


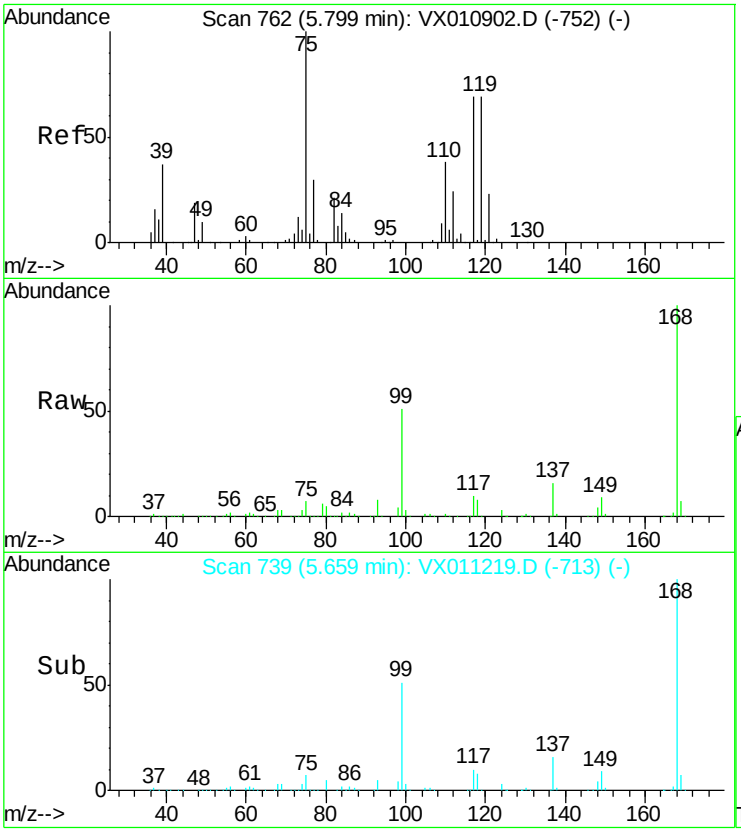


#35
Dibromofluoromethane
Concen: 47.111 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:113 Resp: 103894

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.3	123.5
192	22.1	17.4	26.2



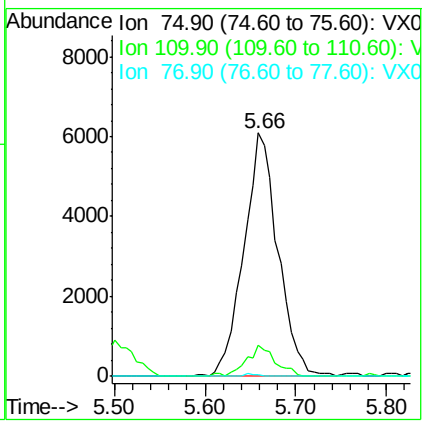


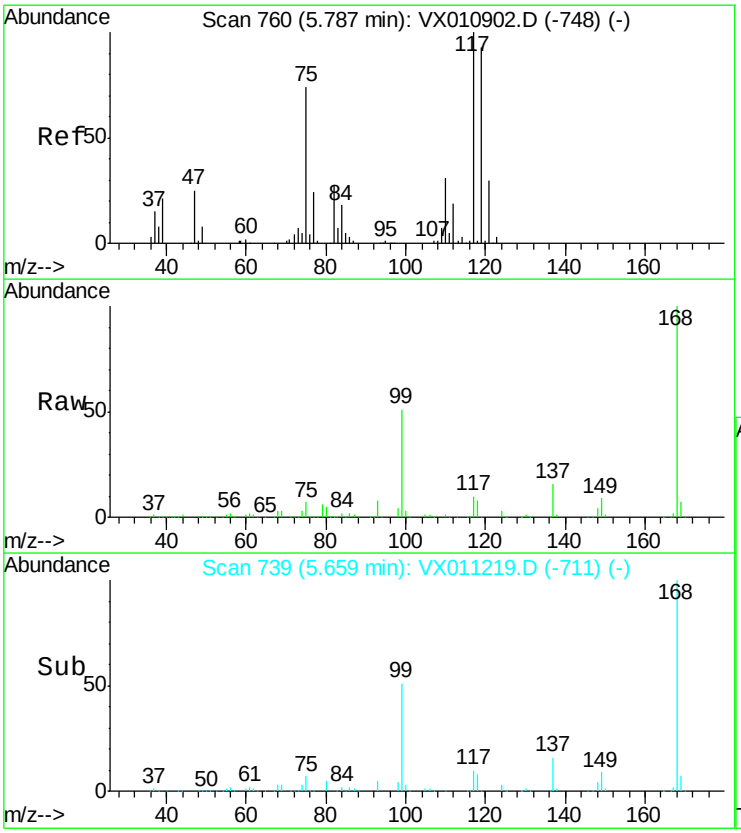
#36
1,1-Dichloropropene
Concen: 5.572 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 75 Resp: 15901

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.9	59.7#
77	0.4	25.0	37.4#

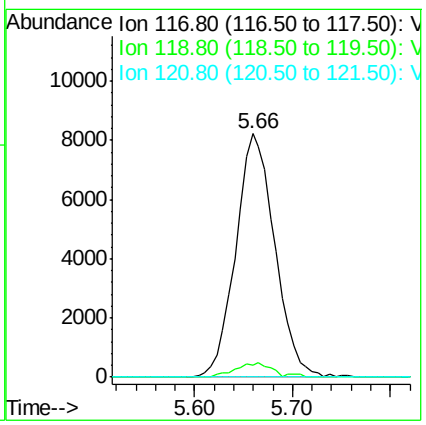


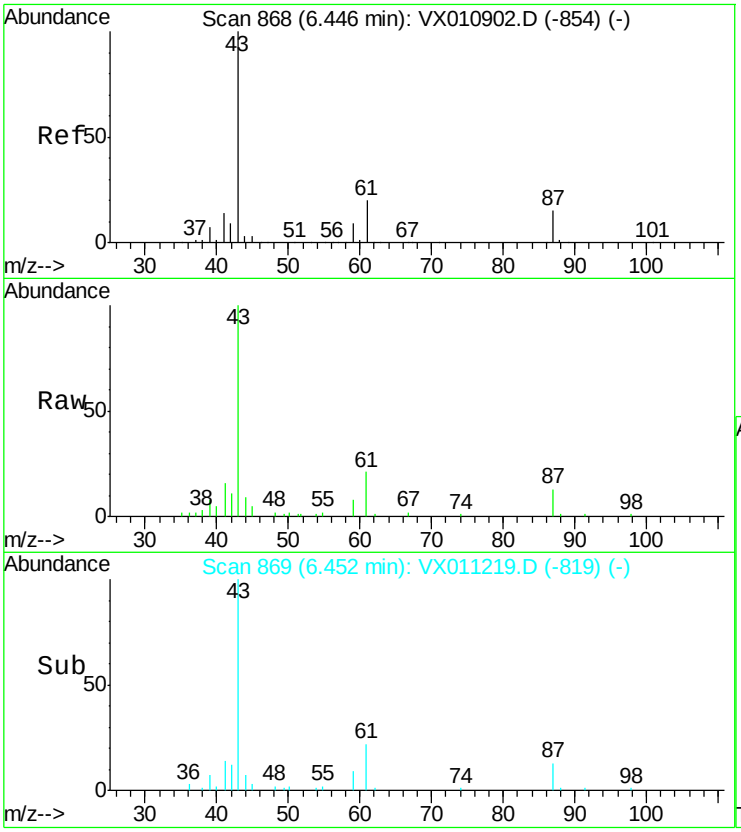


#38
Carbon Tetrachloride
Concen: 7.660 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:117 Resp: 22780

Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.2	111.2#
121	0.0	24.2	36.2#



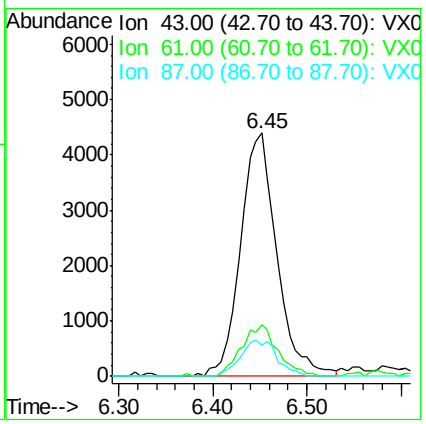


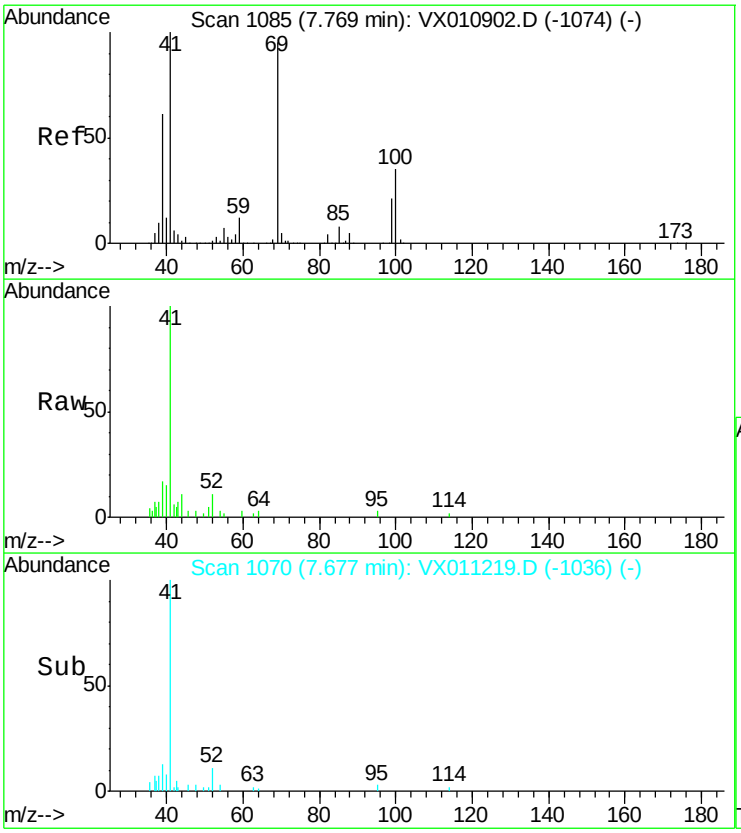
#43
Isopropyl Acetate
Concen: 2.472 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Tgt Ion: 43 Resp: 11878

Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.1	25.7
87	15.0	12.0	18.0

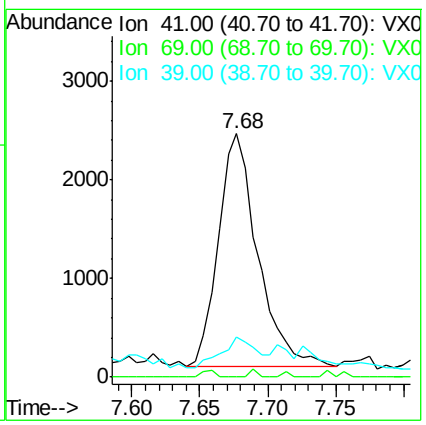


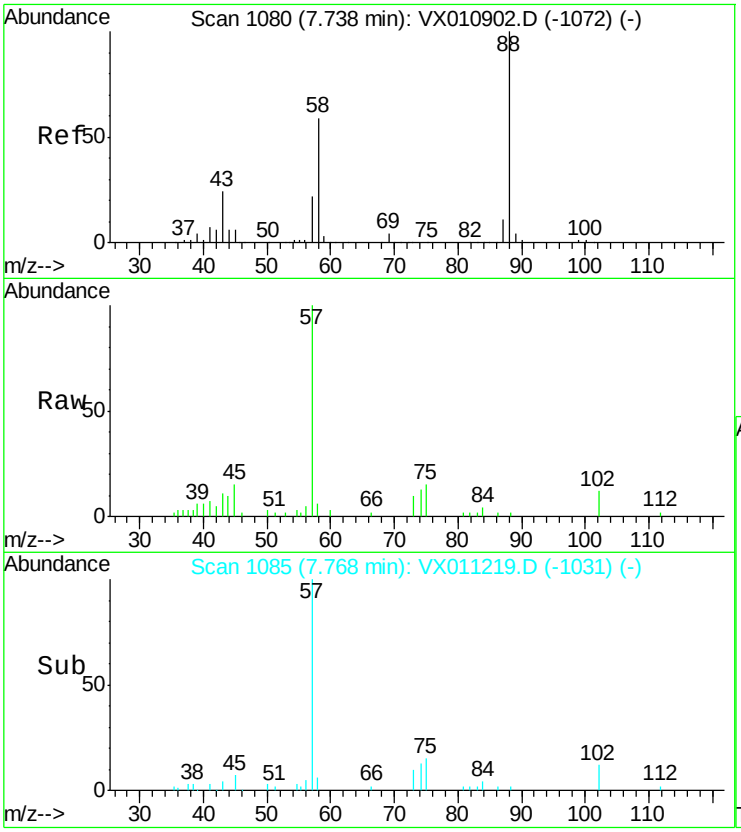


#48
Methyl methacrylate
Concen: 2.041 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 41 Resp: 4778

Ion	Ratio	Lower	Upper
41	100		
69	0.7	74.4	111.6#
39	0.0	48.9	73.3#



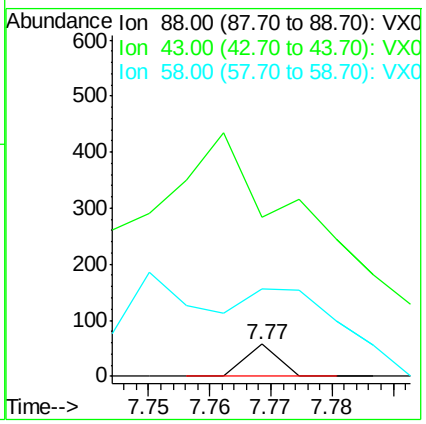


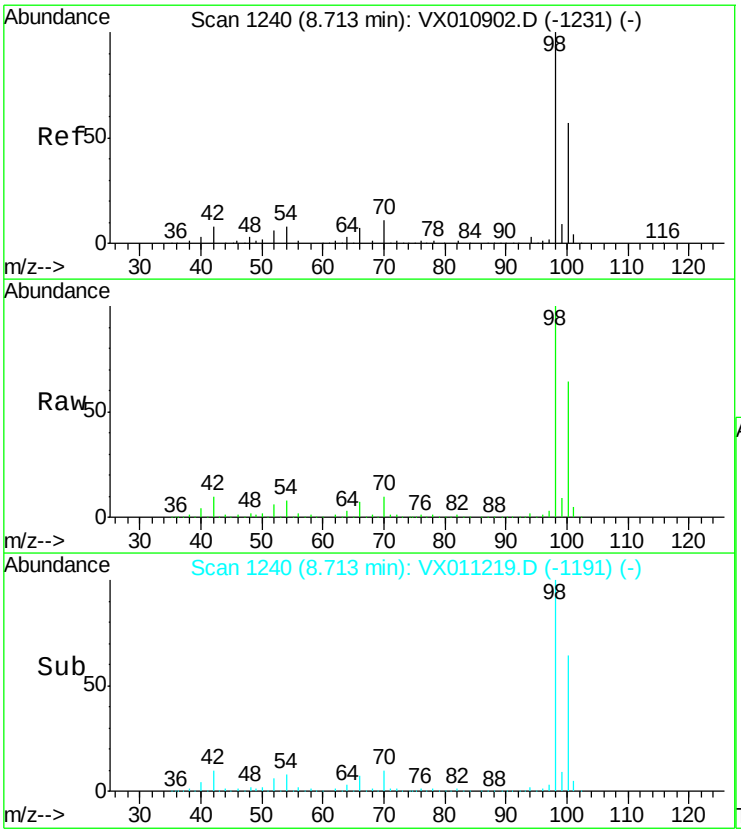
#49
1,4-Dioxane
Concen: 0.321 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 88 Resp: 21

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

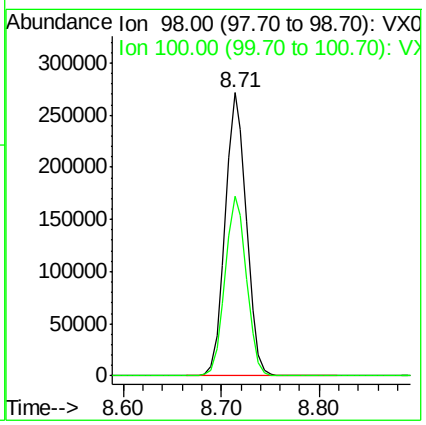


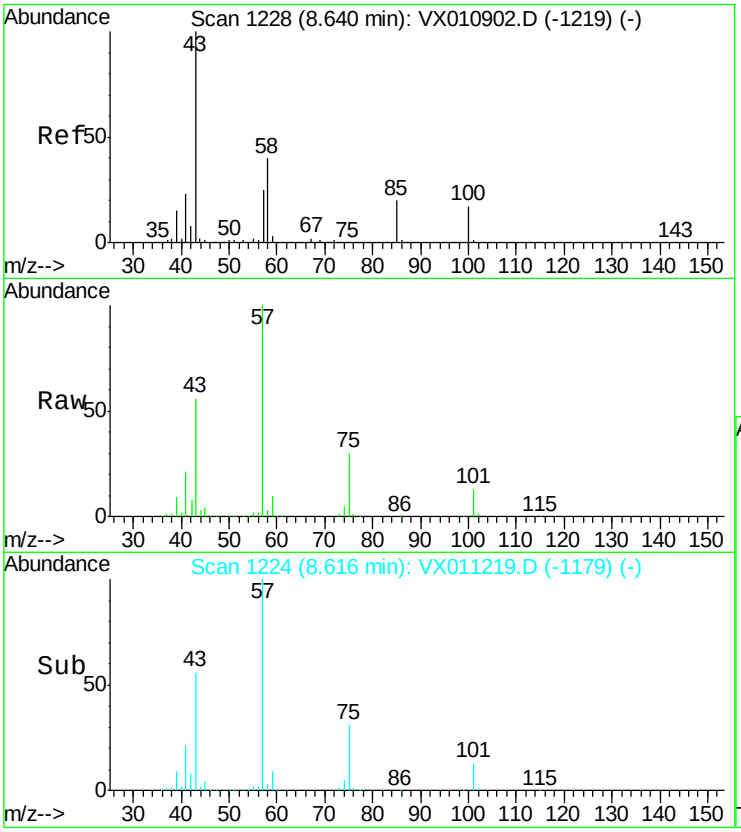


#50
Toluene-d8
Concen: 49.242 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 98 Resp: 407288

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8



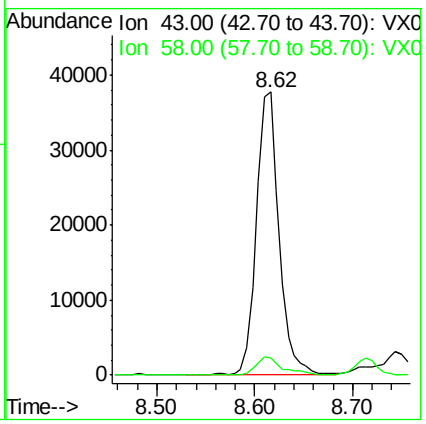


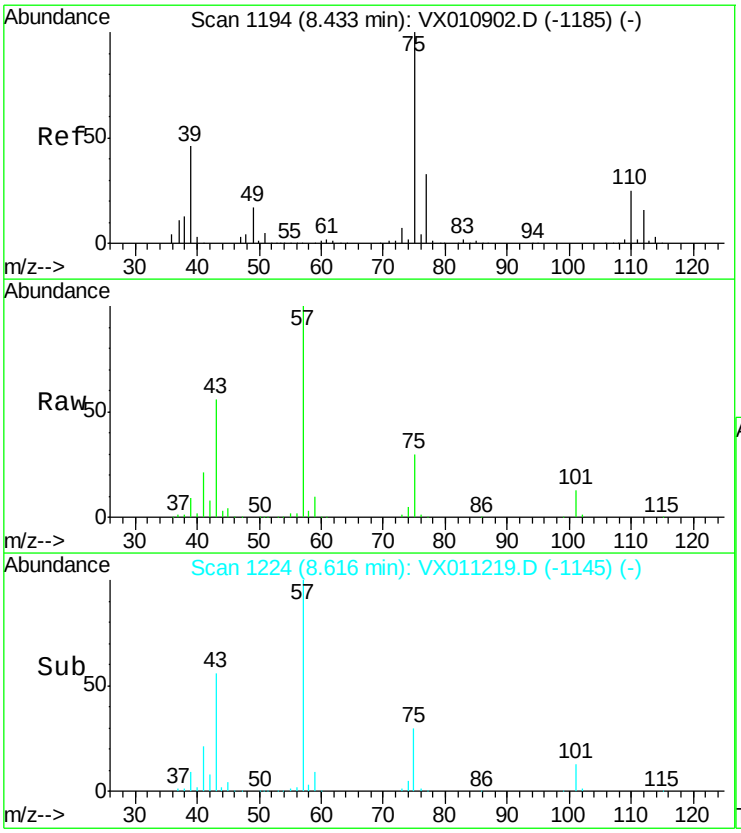
#51
4-Methyl-2-Pentanone
Concen: 19.340 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 43 Resp: 60241

Ion	Ratio	Lower	Upper
43	100		
58	7.8	32.2	48.4#

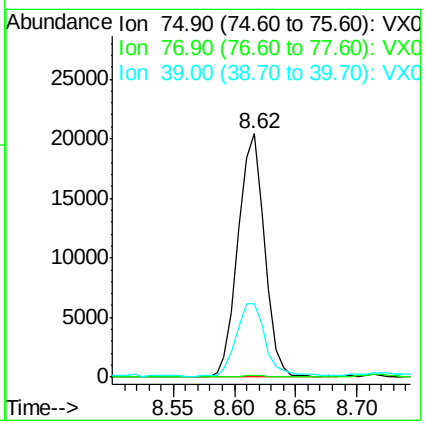


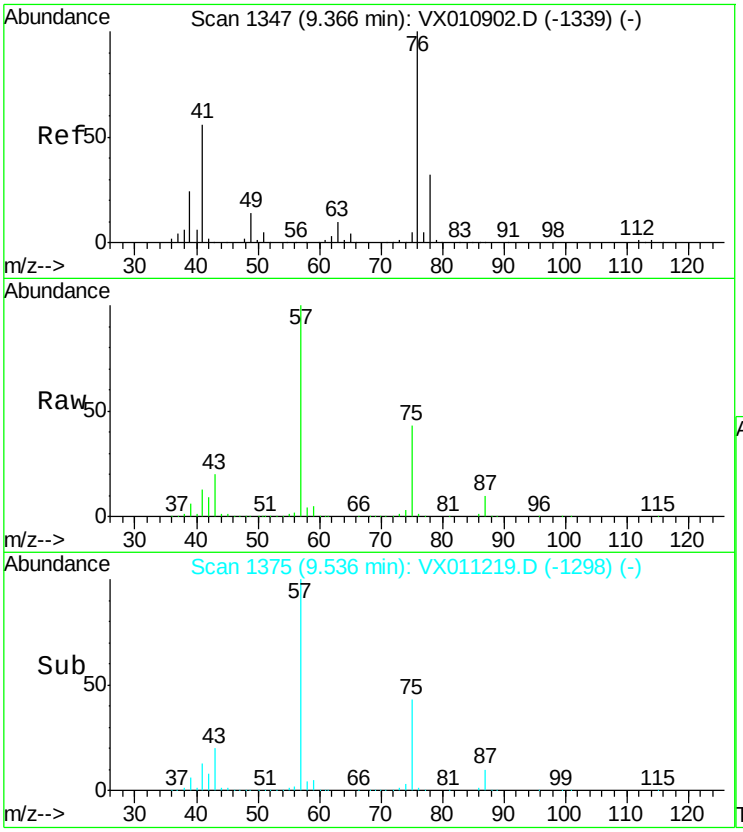


#54
cis-1,3-Dichloropropene
Concen: 9.053 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 75 Resp: 30656

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.1	39.1#
39	29.7	36.6	54.8#



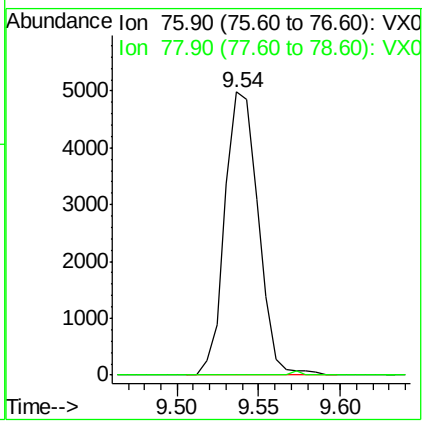


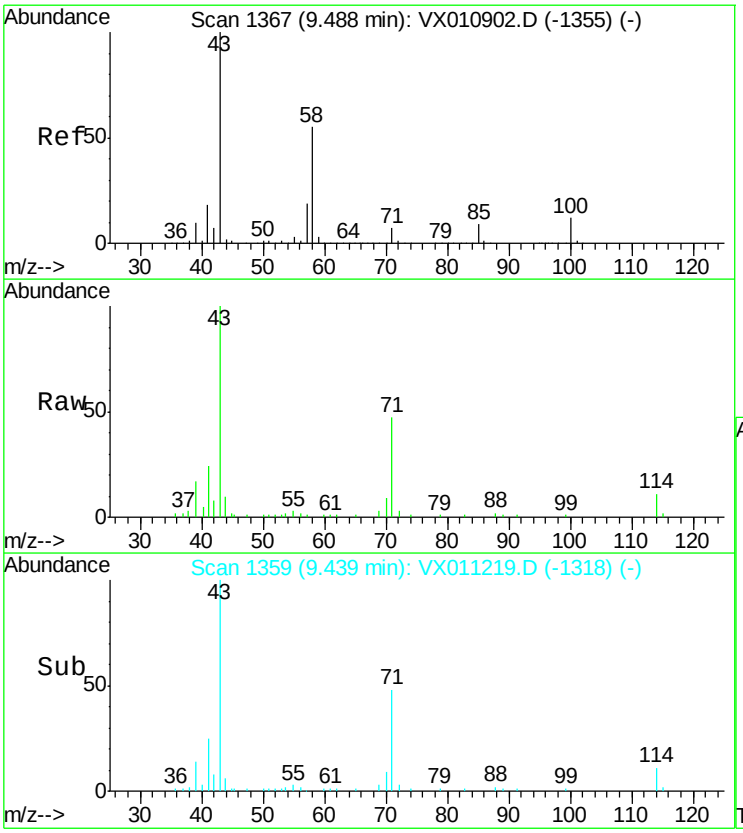
#57
1,3-Dichloropropane
Concen: 1.895 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Tgt Ion: 76 Resp: 7108

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

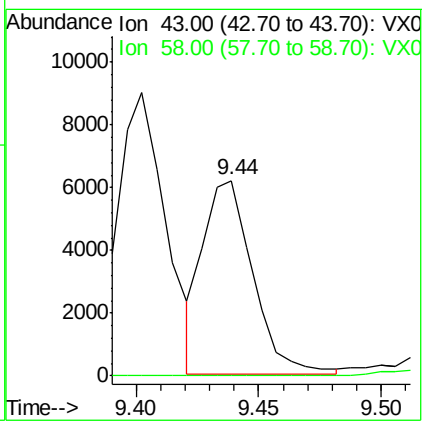


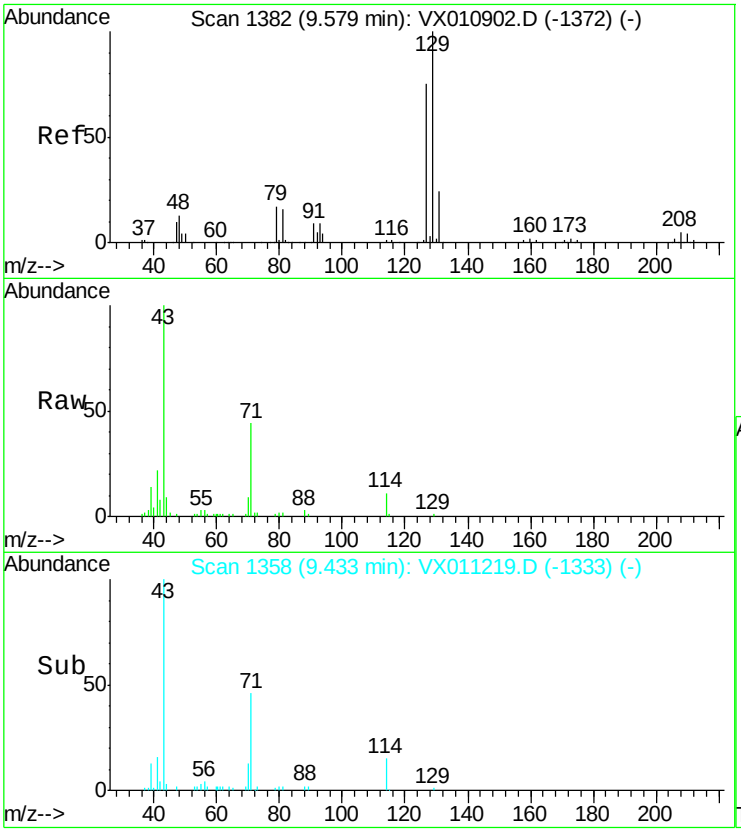


#59
2-Hexanone
Concen: 3.603 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 43 Resp: 8705

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	83.9#



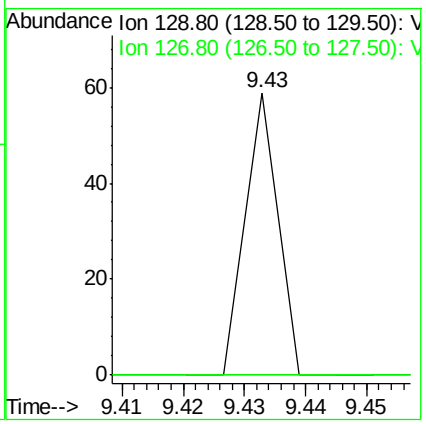


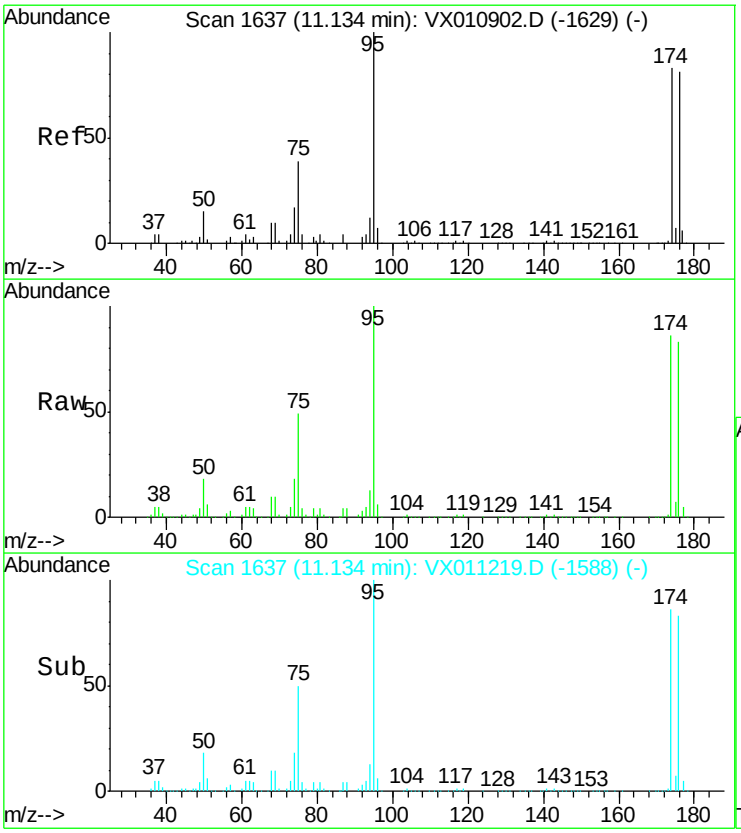
#60
Dibromochloromethane
Concen: 2.536 ug/l
RT: 9.43 min Scan# 1358
Delta R.T. -0.15 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Tgt Ion:129 Resp: 22

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

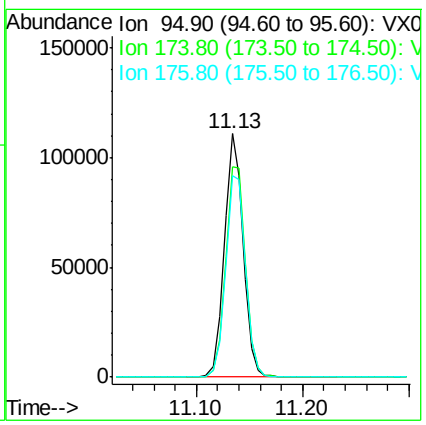


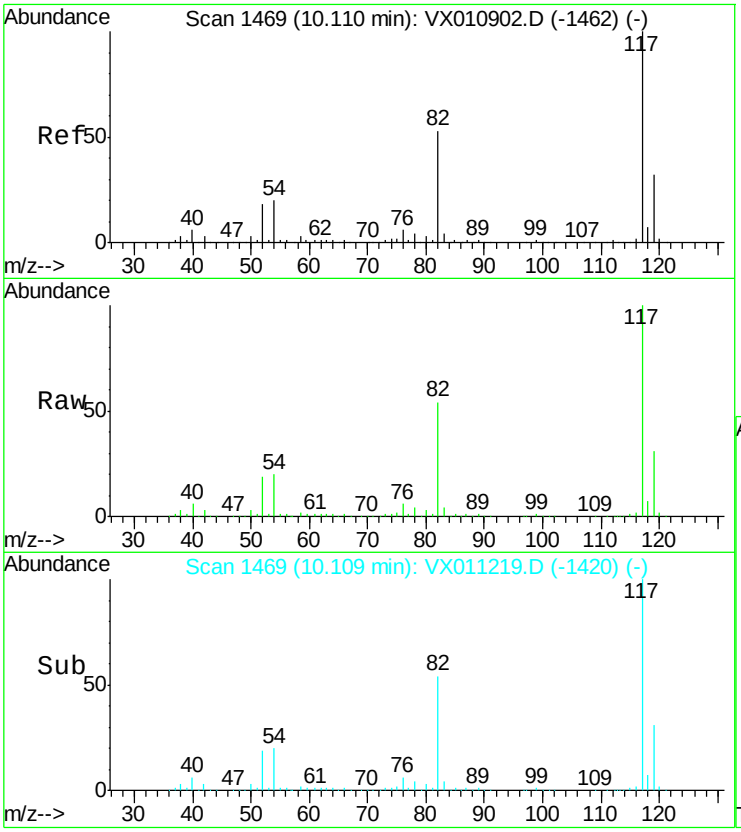


#62
4-Bromofluorobenzene
Concen: 44.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 95 Resp: 136415

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	180.6
176	87.9	0.0	173.8



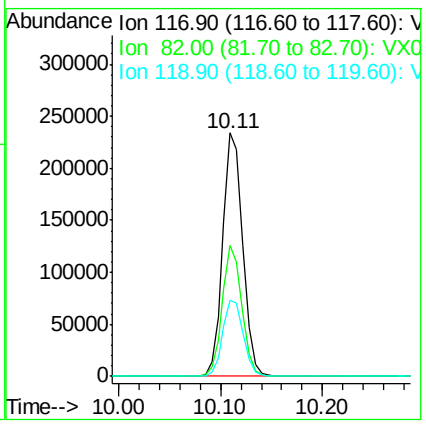


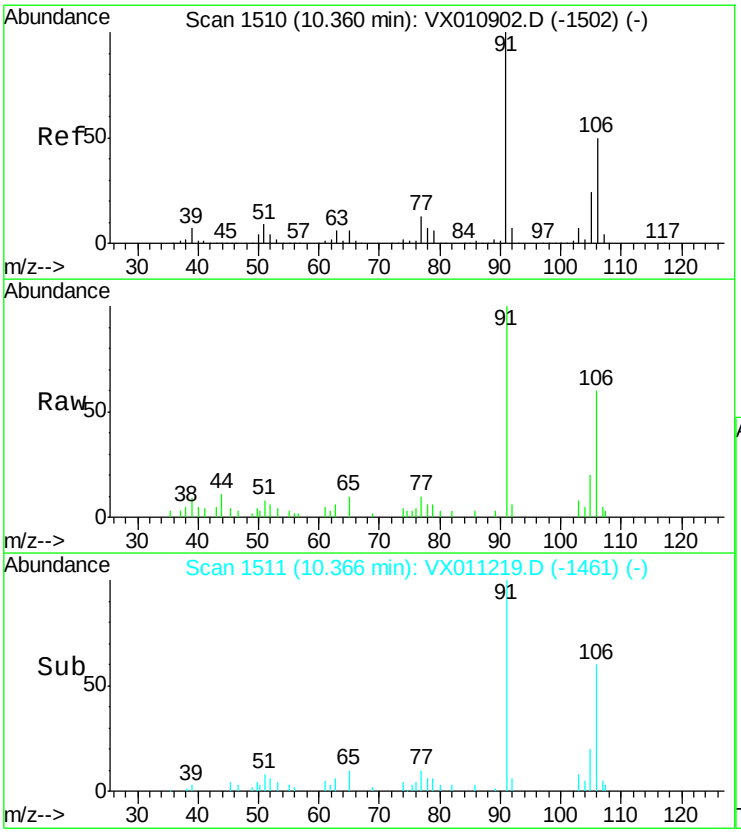
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument : MSVOA_X
ClientSampleId : PB121808TB

Tgt Ion:117 Resp: 316967

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.6	63.8
119	31.4	25.9	38.9

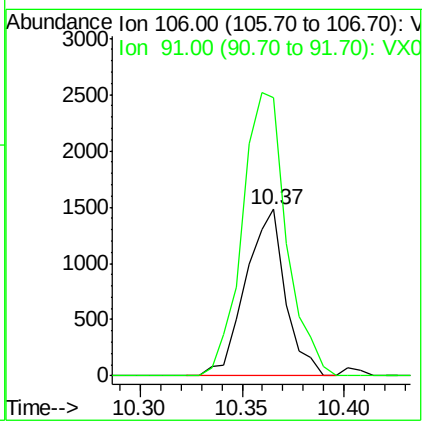


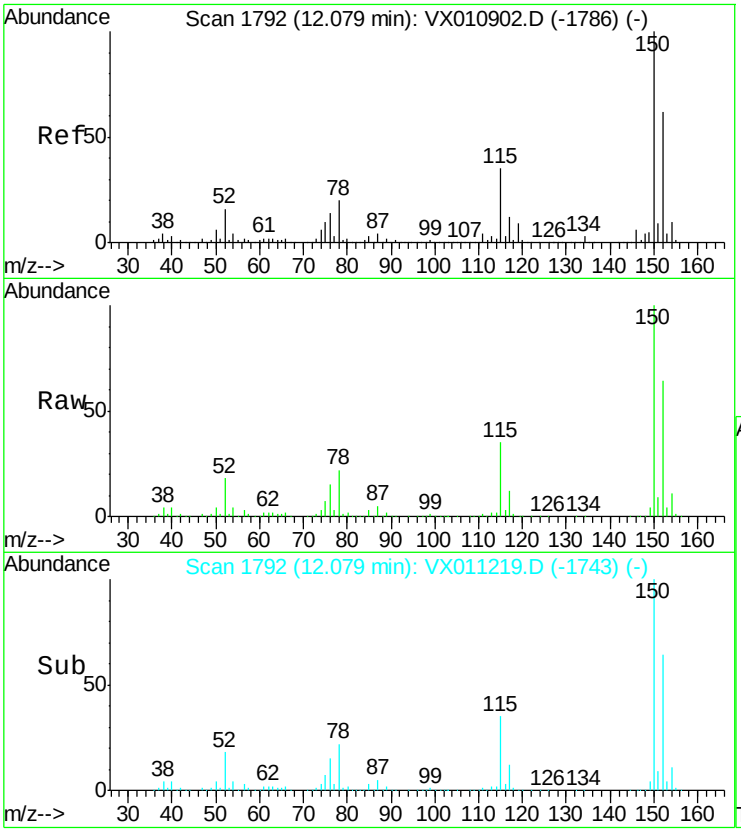


#68
m/p-Xylenes
Concen: 0.471 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:106 Resp: 2004

Ion	Ratio	Lower	Upper
106	100		
91	190.1	160.1	240.1



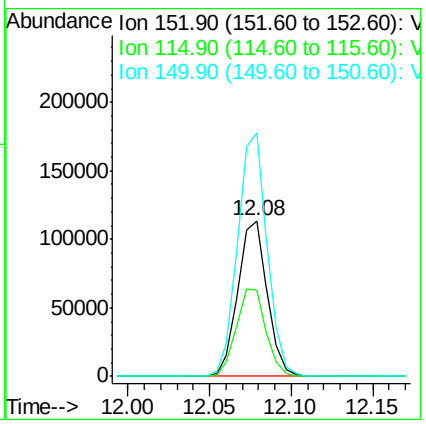


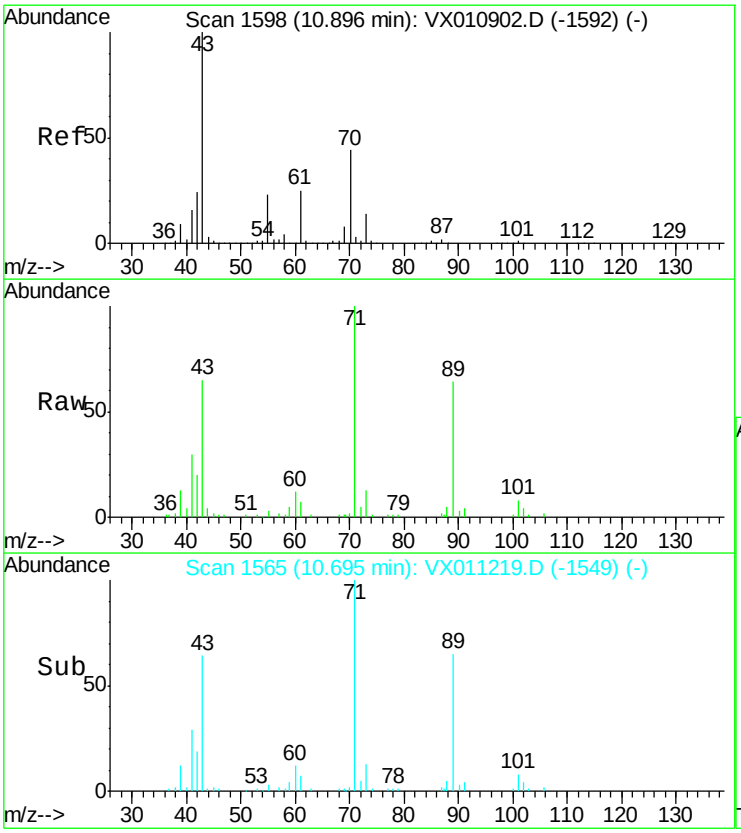
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion:152 Resp: 142802

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.7	119.1
150	156.8	0.0	345.6

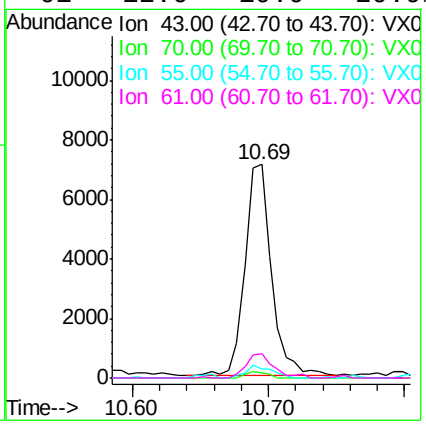


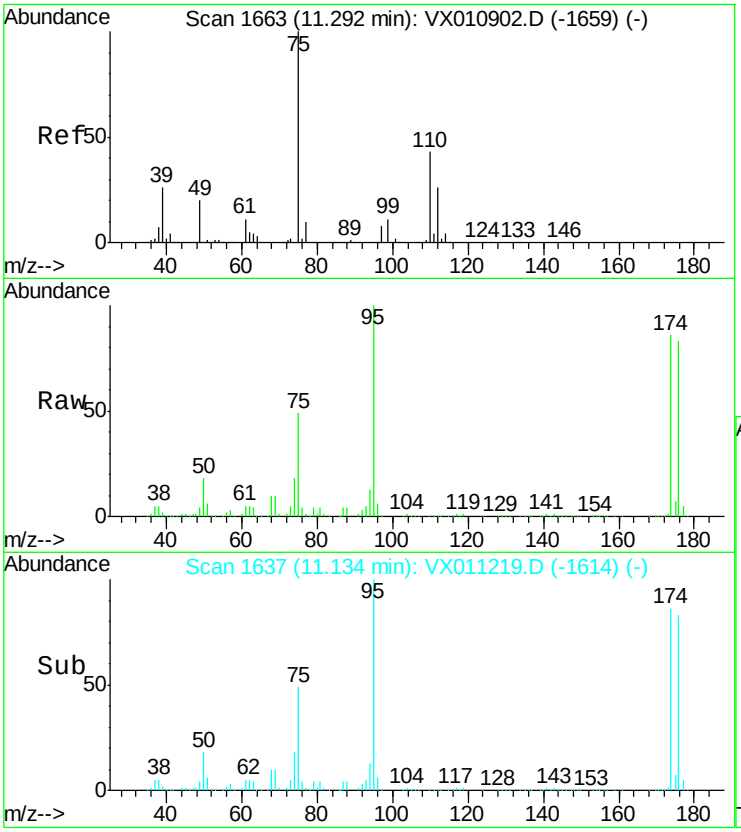


#74
N-amyl acetate
Concen: 2.634 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion: 43 Resp: 9710

Ion	Ratio	Lower	Upper
43	100		
70	2.4	34.7	52.1#
55	6.0	19.1	28.7#
61	12.0	19.9	29.9#



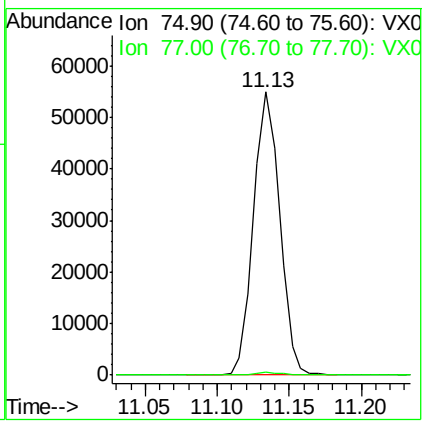


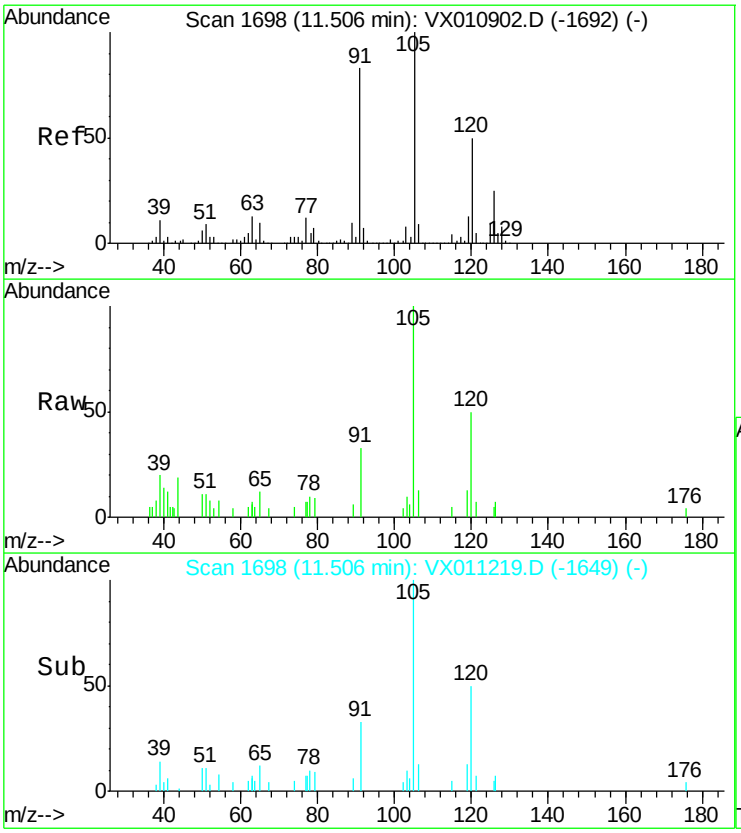
#76
1,2,3-Trichloropropane
Concen: 26.805 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 75 Resp: 69076

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.3	64.0#

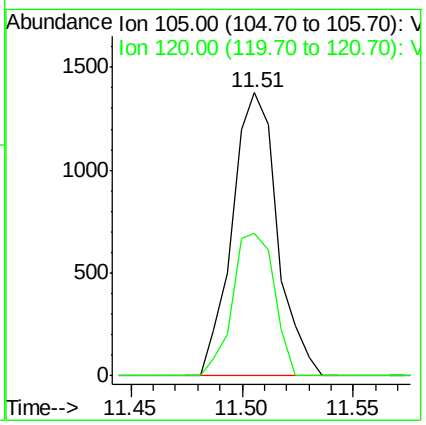


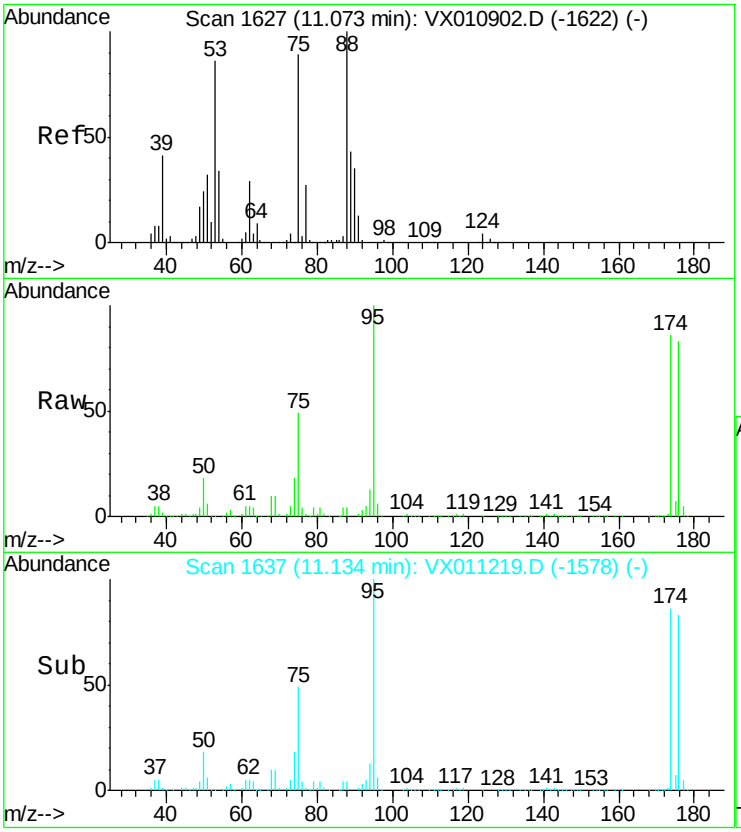


#80
1,3,5-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Tgt Ion:105 Resp: 1941

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.6	73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 66.487 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011219.D
Acq: 31 Jul 2019 01:27

Instrument :
MSVOA_X
ClientSampleId :
PB121808TB

Tgt Ion: 75 Resp: 69076

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	38.5	57.7#