Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011699.D
Acq On : 20 Aug 2019 21:40
Operator : JC/SP
Sample : PB122377TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Quant Time: Aug 20 23:28:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	351239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	518409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186629	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.60%			
35) Dibromofluoromethane	5.49	113	161163	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.06%			
50) Toluene-d8	8.71	98	626580	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.62%			
62) 4-Bromofluorobenzene	11.13	95	214032	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.00%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	379	0.261	ug/l #	53
10) Methyl Iodide	2.50	142	2009	0.455	ug/l #	86
11) Tert butyl alcohol	3.01	59	8765	10.969	ug/l #	87
13) Acrolein	2.29	56	538	14.265	ug/l #	55
16) Acetone	2.43	43	7118	4.346	ug/l	90
17) Carbon Disulfide	2.56	76	2149	0.305	ug/l #	75
18) Methyl Acetate	2.77	43	2796	0.550	ug/l	96
20) Methylene Chloride	2.85	84	4378	1.273	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	645	0.203	ug/l #	20
25) 2-Butanone	4.68	43	4600	1.789	ug/l	90
36) 1,1-Dichloropropene	5.65	75	21751	4.907	ug/l #	53
38) Carbon Tetrachloride	5.65	117	30080	6.160	ug/l #	17
43) Isopropyl Acetate	6.44	43	64474	8.104	ug/l	99
44) Trichloroethene	7.21	130	834	0.204	ug/l	64
48) Methyl methacrylate	7.68	41	4347	1.103	ug/l #	19
49) 1,4-Dioxane	7.73	88	269	2.567	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	65068	12.495	ug/l #	52
54) cis-1,3-Dichloropropene	8.61	75	30559	5.870	ug/l #	65
59) 2-Hexanone	9.54	43	76330	19.007	ug/l #	52
68) m/p-Xylenes	10.36	106	1417	0.235	ug/l	85
71) Bromoform	10.84	173	168	3.337	ug/l #	28
74) N-amyl acetate	10.82	43	3351	0.519	ug/l #	66
76) 1,2,3-Trichloropropane	11.13	75	101722	22.897	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	6225	0.487	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	101722	60.948	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.64	180	1327	0.228	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	1175	0.200	ug/l #	72

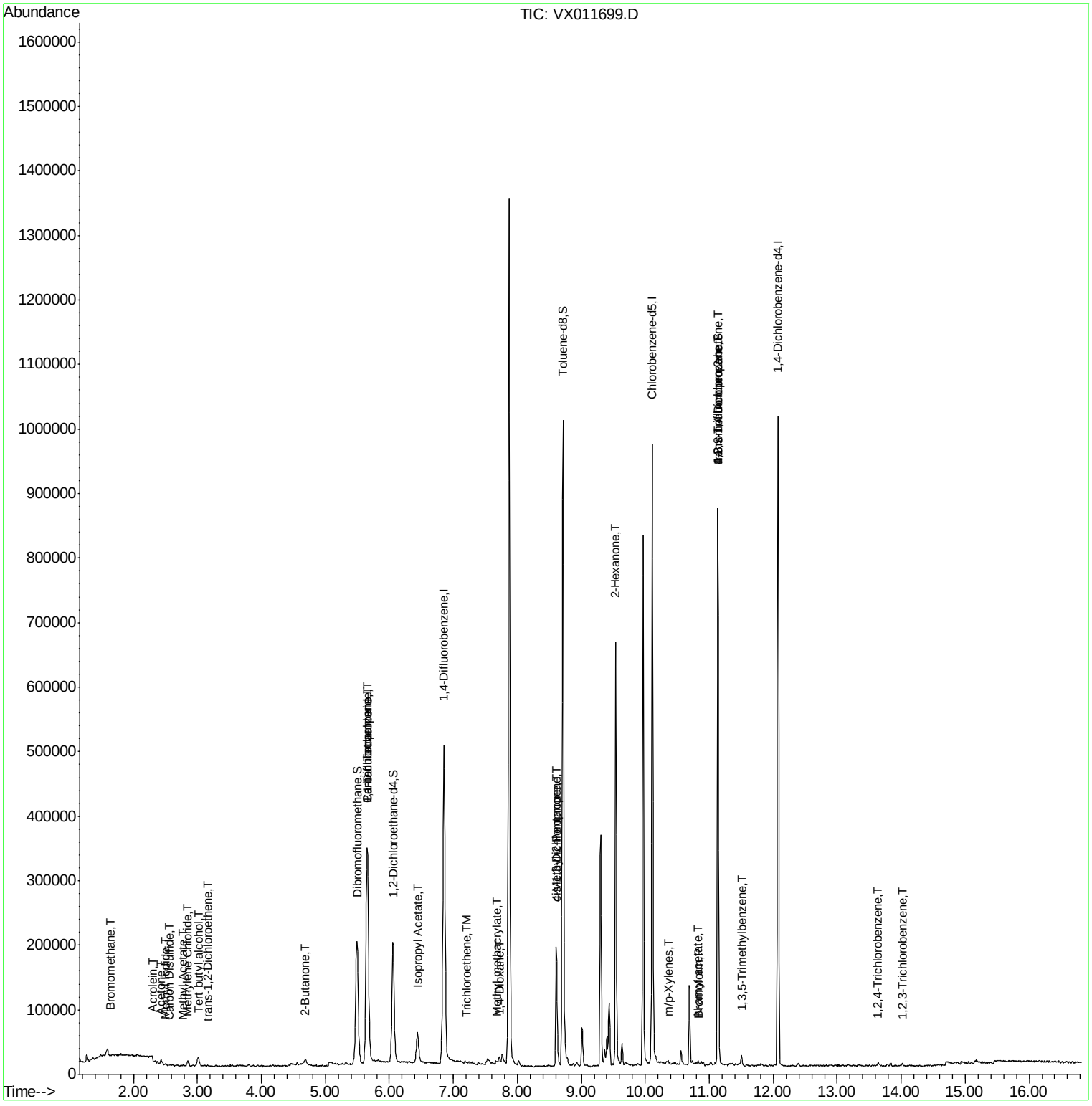
(#) = qualifier out of range (m) = manual integration (+) = signals summed

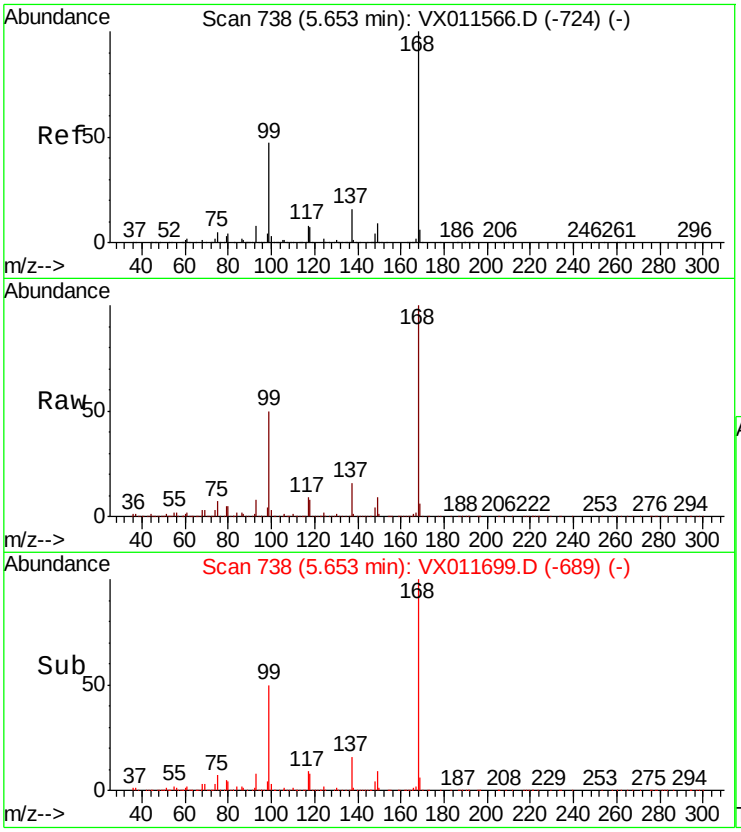
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011699.D
Acq On : 20 Aug 2019 21:40
Operator : JC/SP
Sample : PB122377TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Quant Time: Aug 20 23:28:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



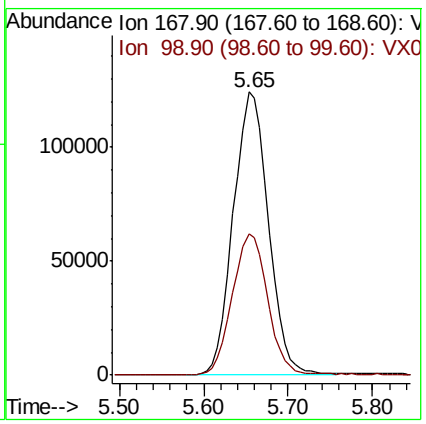


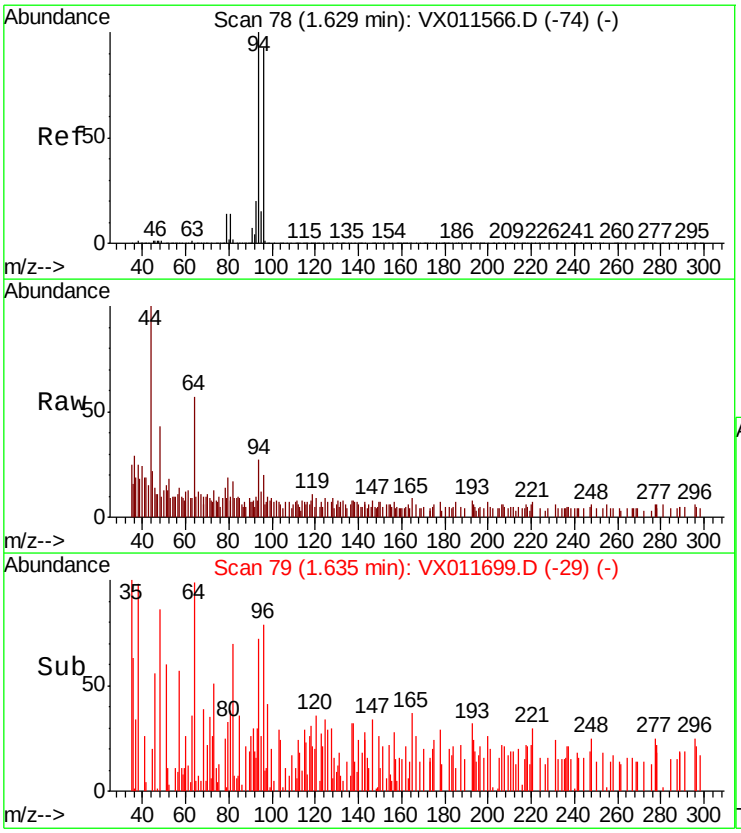
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion:168 Resp: 351239

Ion	Ratio	Lower	Upper
168	100		
99	49.6	37.3	55.9

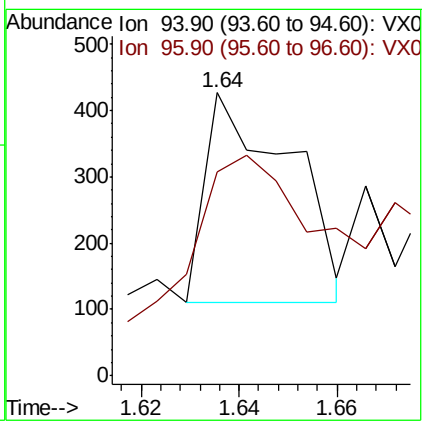


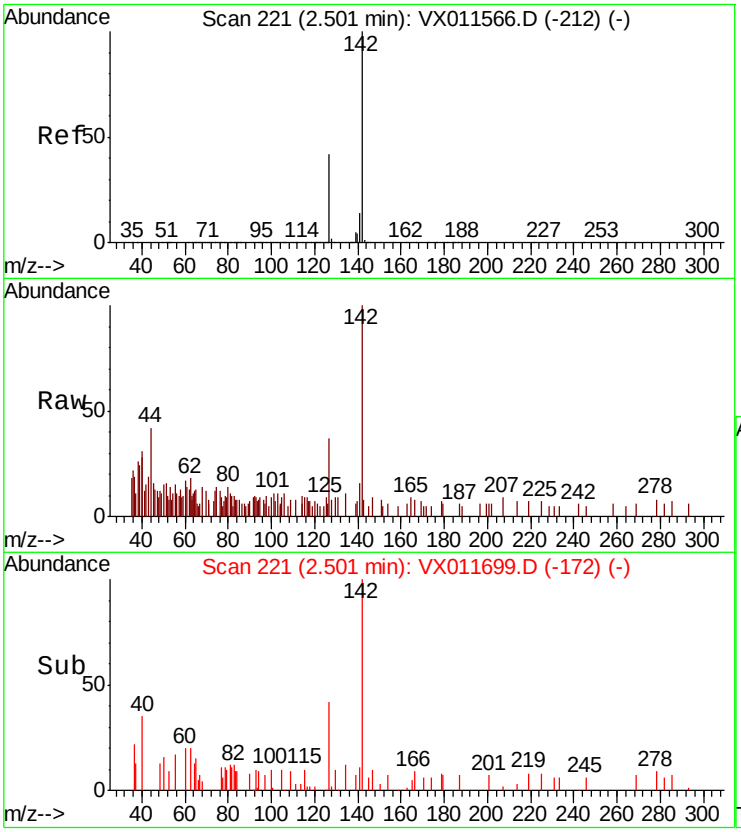


#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 94 Resp: 379

Ion	Ratio	Lower	Upper
94	100		
96	48.6	74.8	112.2#



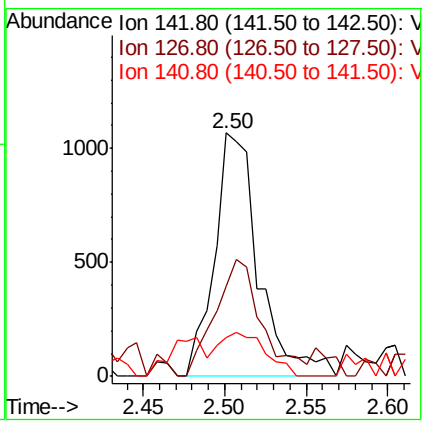


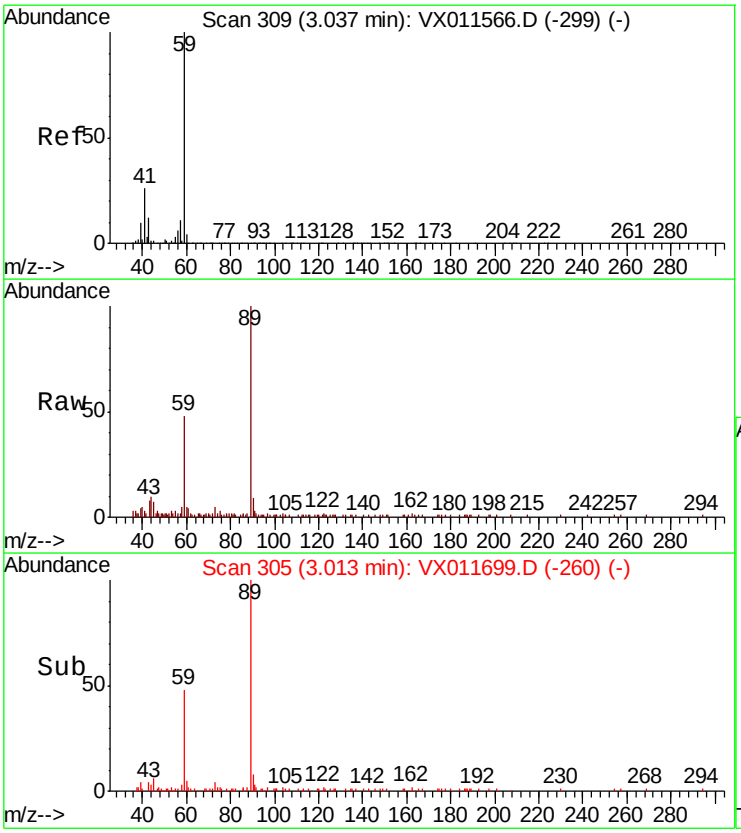
#10
Methyl Iodide
Concen: 0.455 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion:142 Resp: 2009

Ion	Ratio	Lower	Upper
142	100		
127	50.4	32.8	49.2#
141	19.4	11.4	17.2#

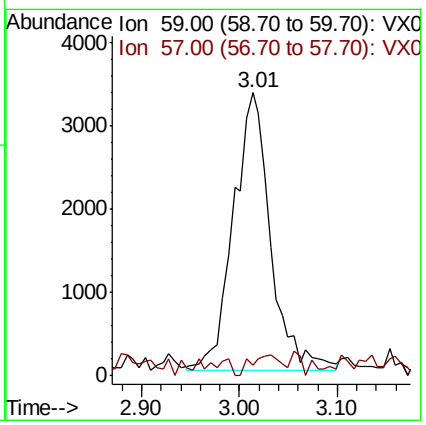


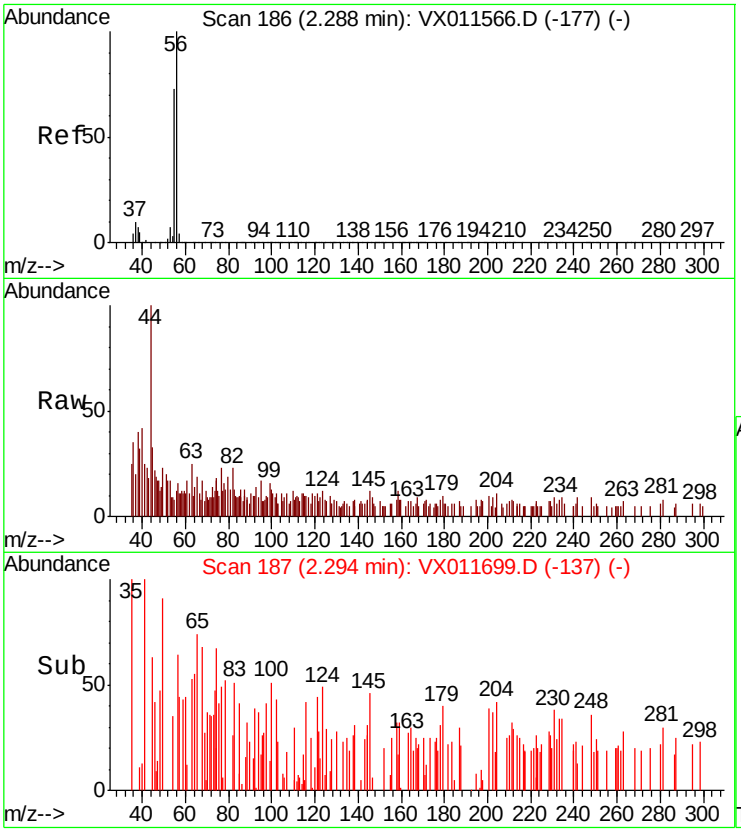


#11
Tert butyl alcohol
Concen: 10.969 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 59 Resp: 8765

Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.7	13.1#



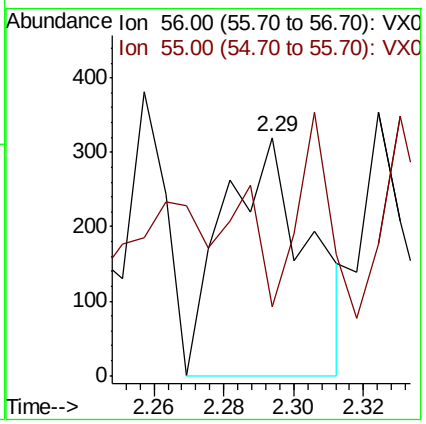


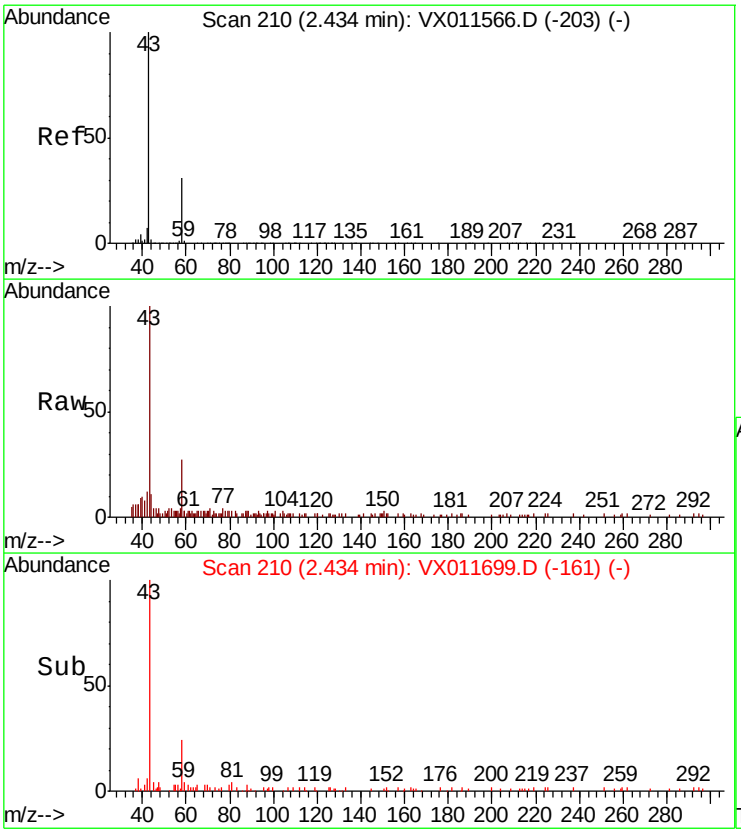
#13
Acrolein
Concen: 14.265 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	32.3	55.5	83.3#

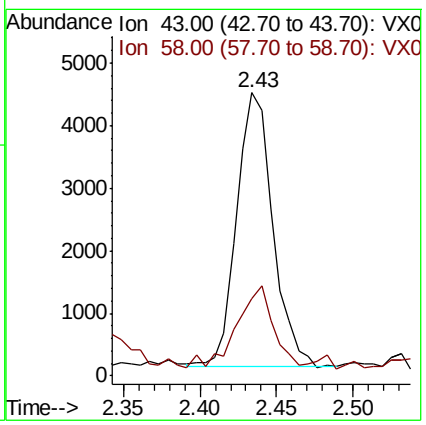


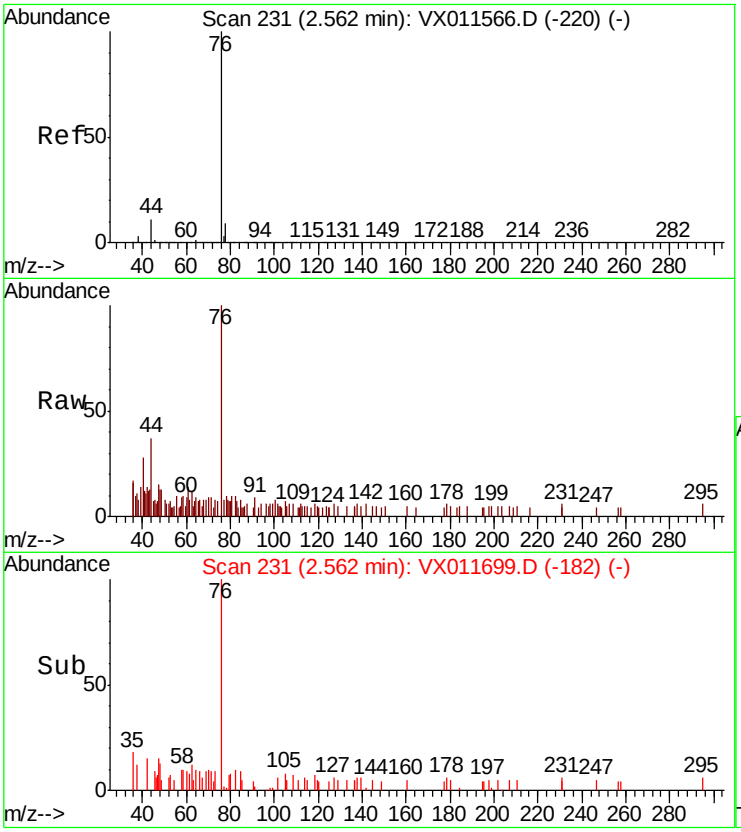


#16
Acetone
Concen: 4.346 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 43 Resp: 7118

Ion	Ratio	Lower	Upper
43	100		
58	26.1	25.2	37.8



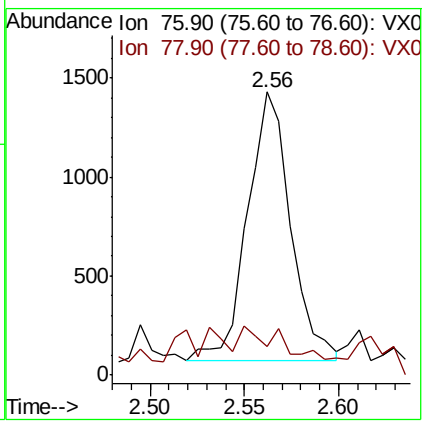


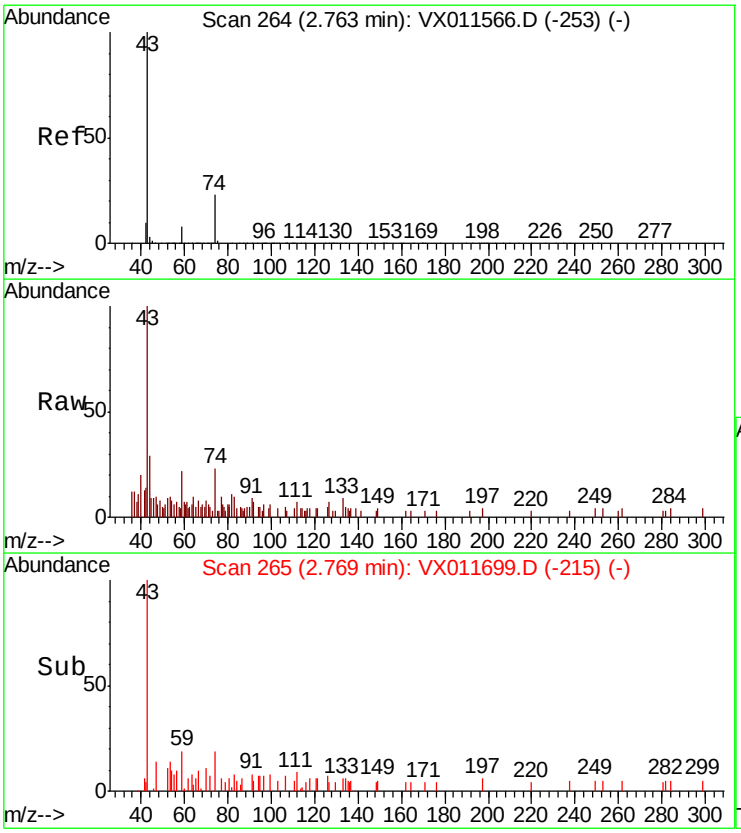
#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 76 Resp: 2149

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

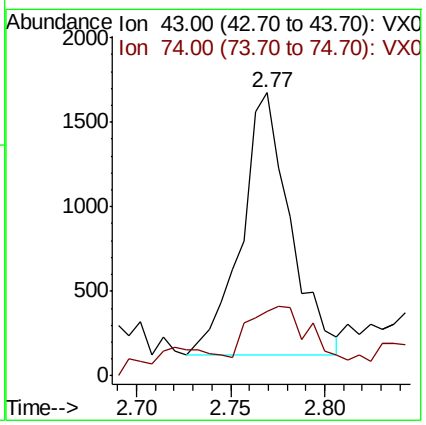


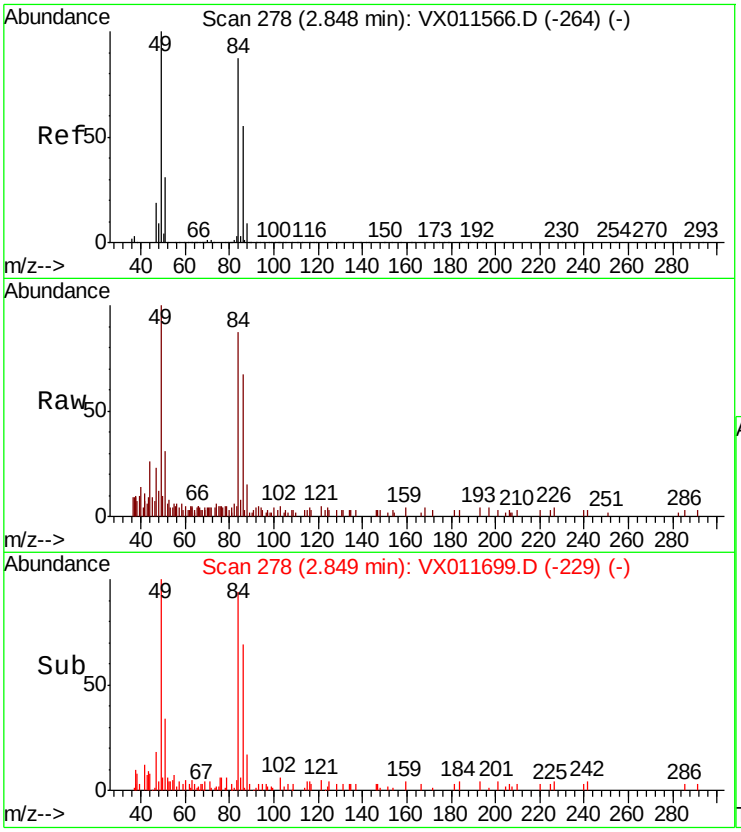


#18
Methyl Acetate
Concen: 0.550 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 43 Resp: 2796

Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.7	29.5



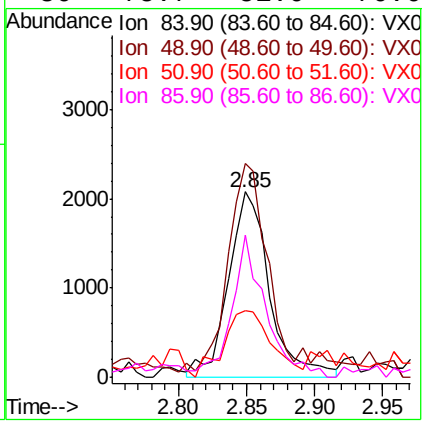


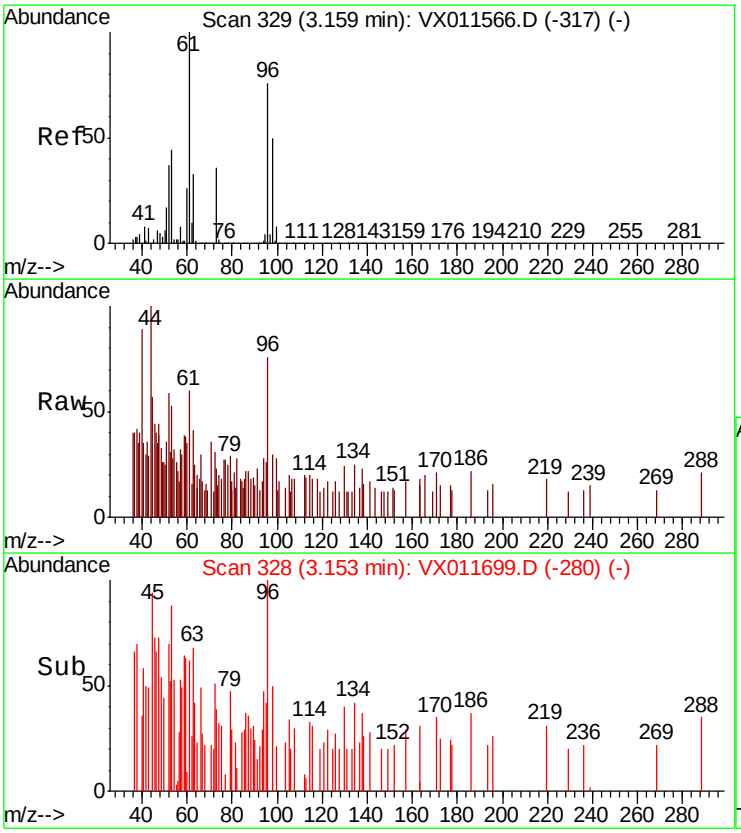
#20
Methylene Chloride
Concen: 1.273 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion: 84 Resp: 4378

Ion	Ratio	Lower	Upper
84	100		
49	110.5	92.4	138.6
51	30.5	28.5	42.7
86	75.7	51.0	76.6

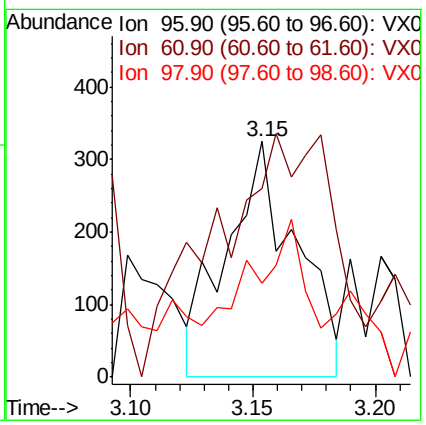


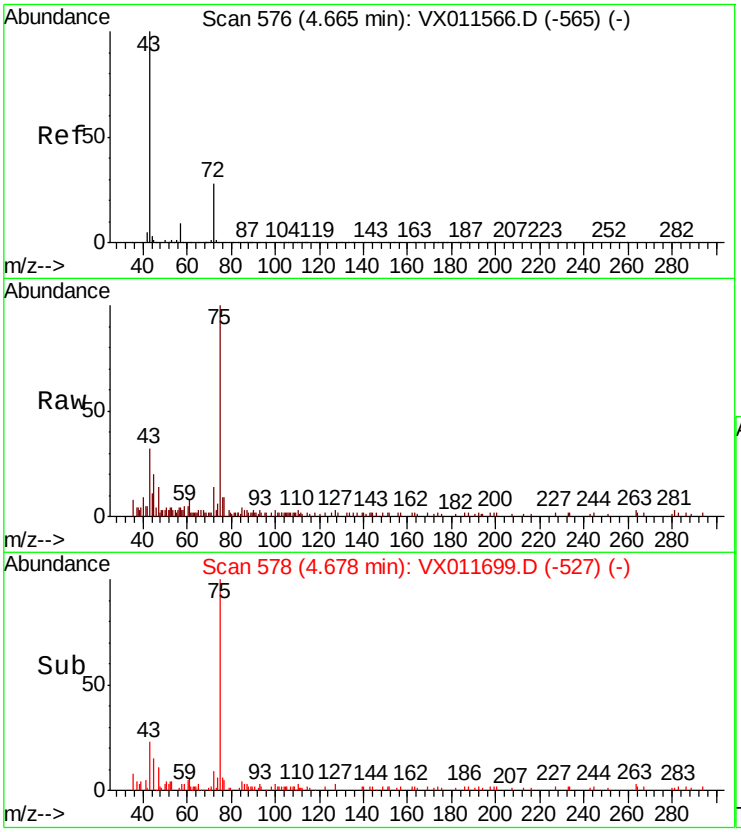


#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 96 Resp: 645

Ion	Ratio	Lower	Upper
96	100		
61	27.1	105.5	158.3#
98	17.2	52.6	78.8#



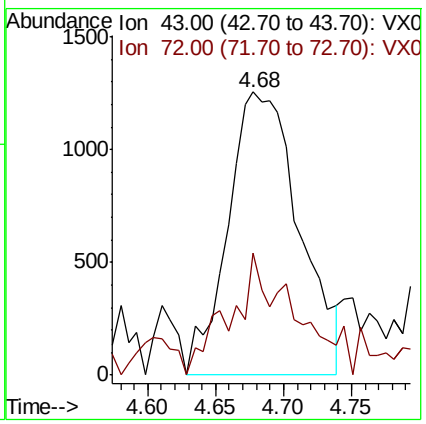


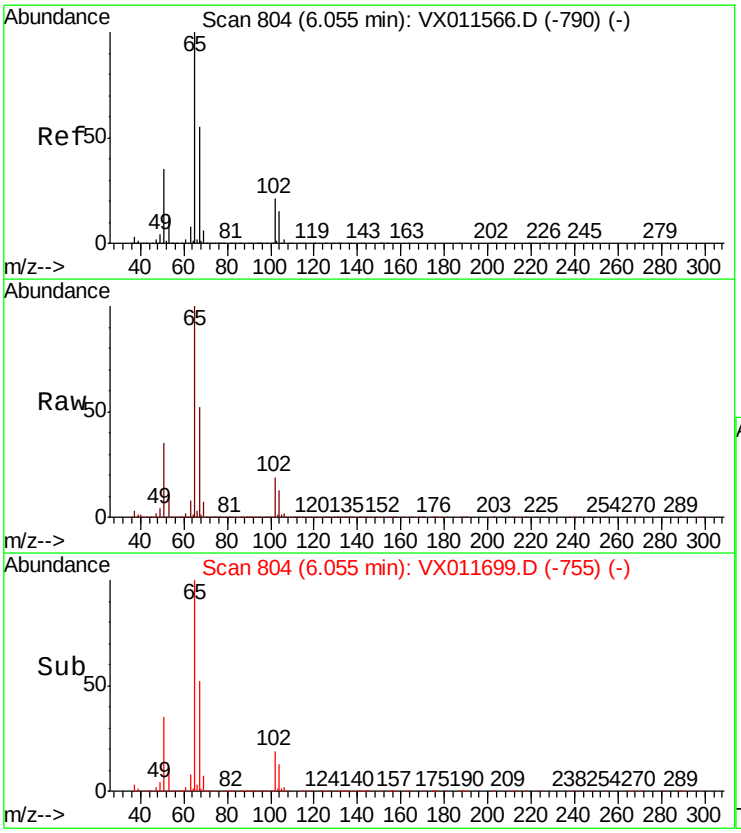
#25
2-Butanone
Concen: 1.789 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 43 Resp: 4600

Ion	Ratio	Lower	Upper
43	100		
72	33.3	22.2	33.4

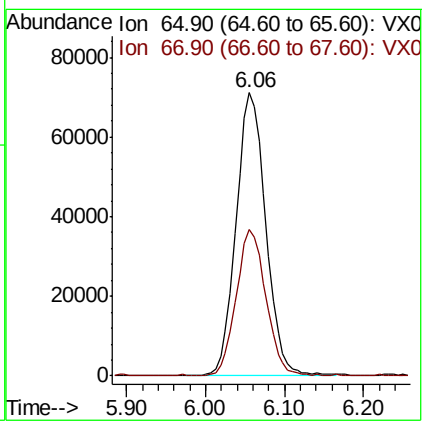


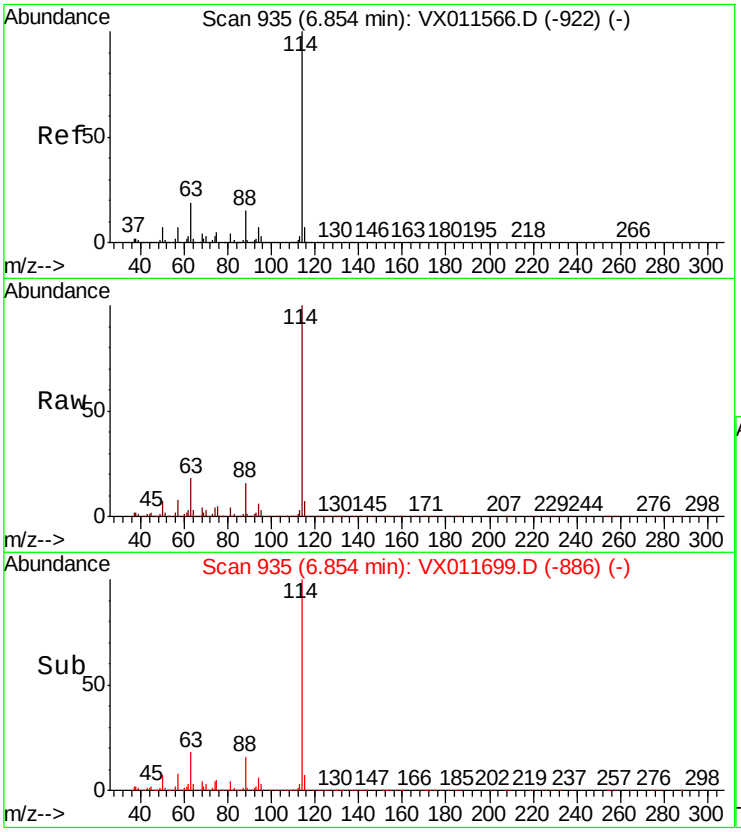


#33
1,2-Dichloroethane-d4
Concen: 57.296 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 65 Resp: 186629

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	107.6



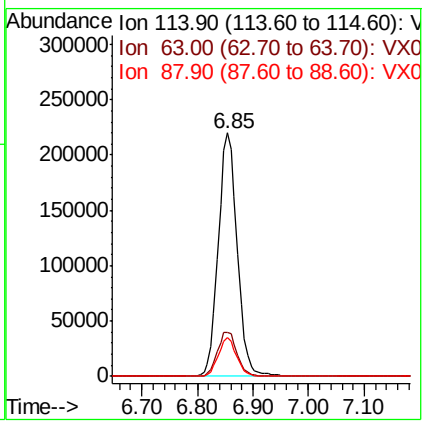


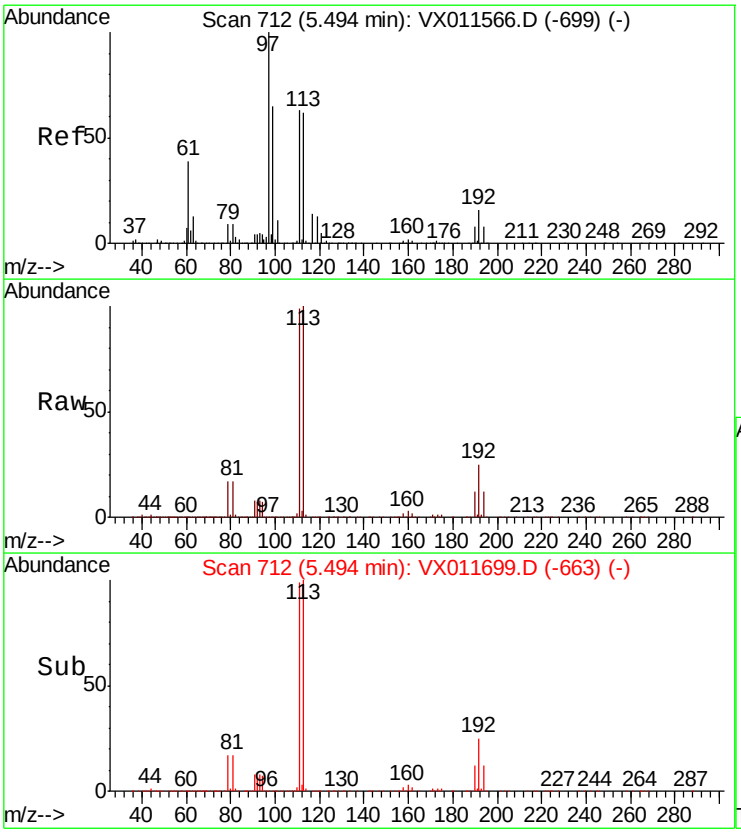
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion:114 Resp: 518409

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.8
88	15.7	0.0	30.2

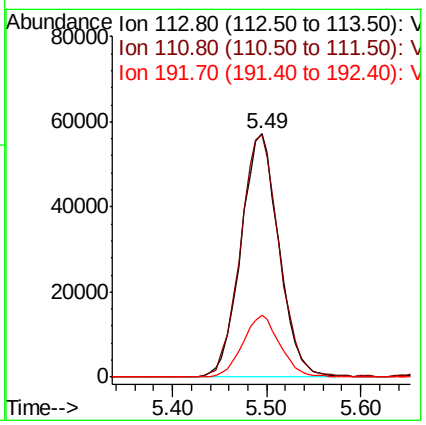


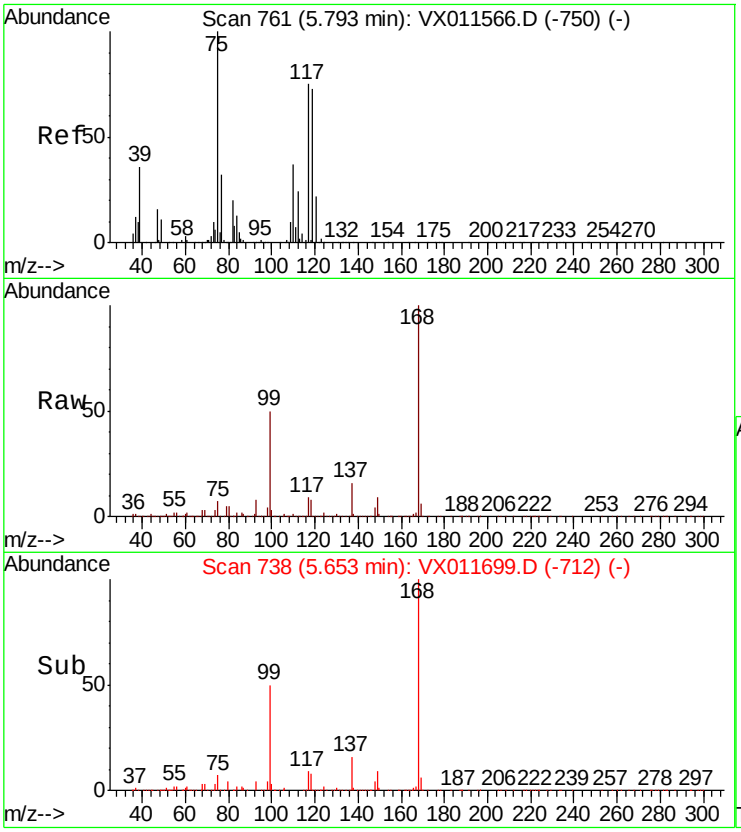


#35
Dibromofluoromethane
Concen: 47.531 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:113 Resp: 161163

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	25.1	20.8	31.2



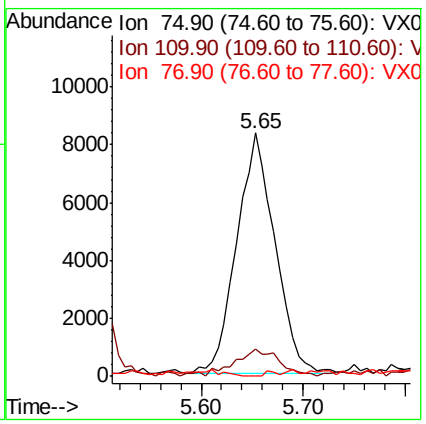


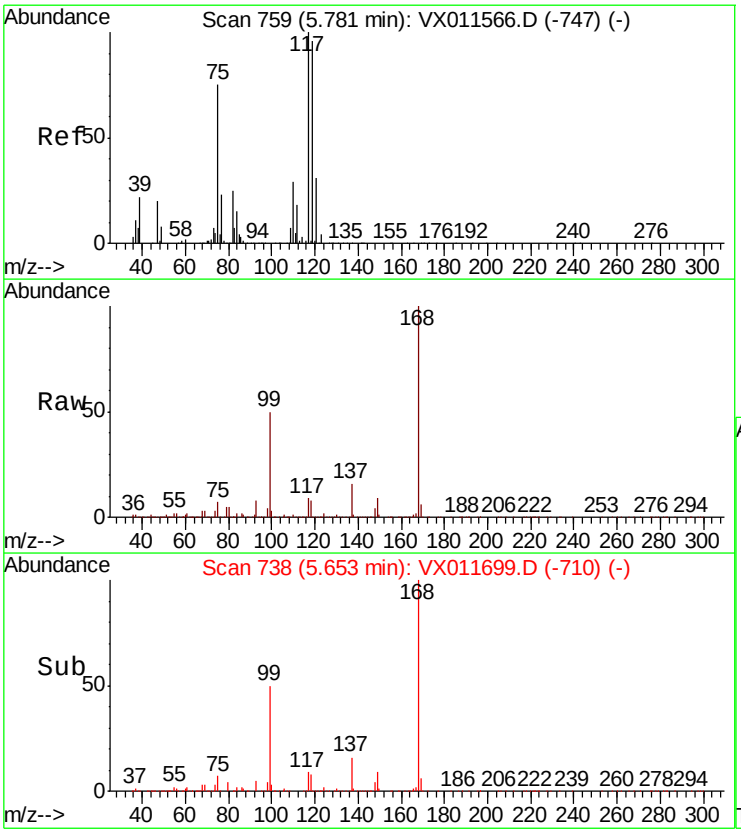
#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion: 75 Resp: 21751

Ion	Ratio	Lower	Upper
75	100		
110	13.8	19.4	58.1#
77	0.7	25.1	37.7#

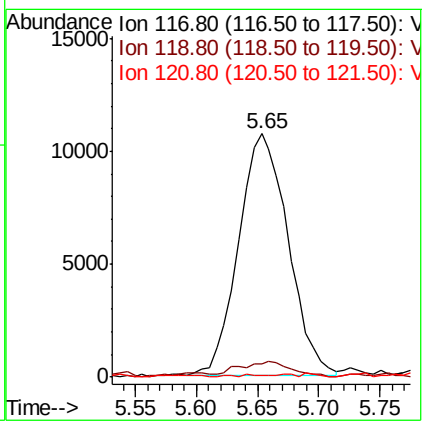


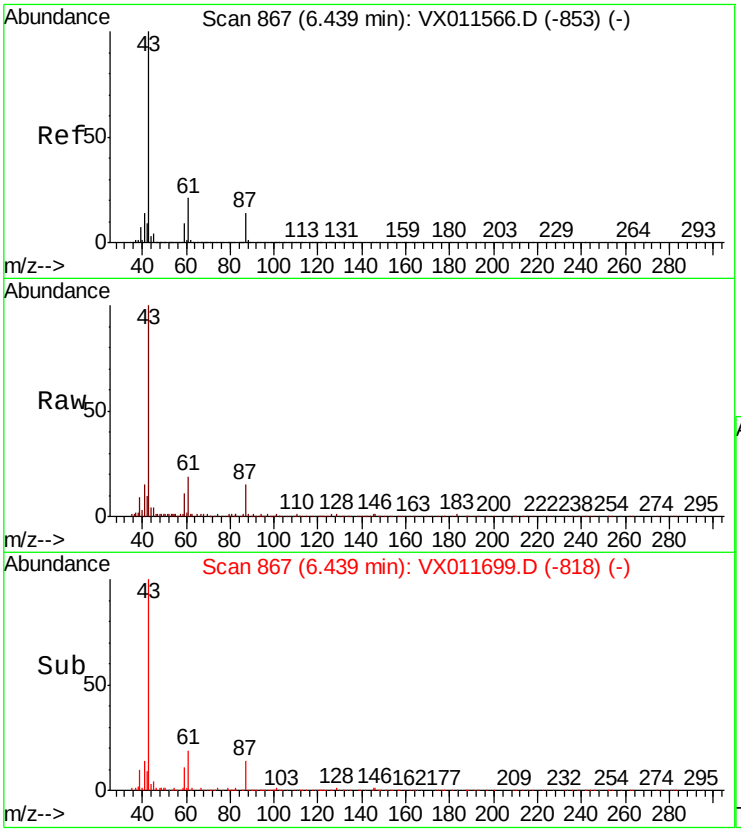


#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:117 Resp: 30080

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.9	115.3#
121	0.9	24.8	37.2#



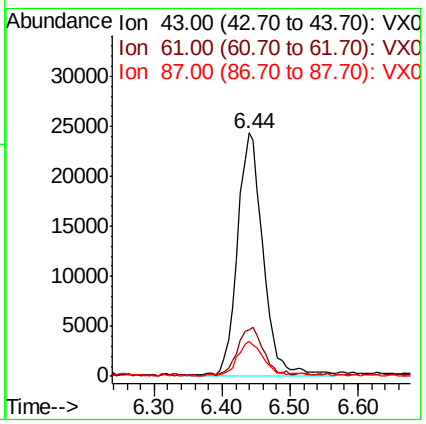


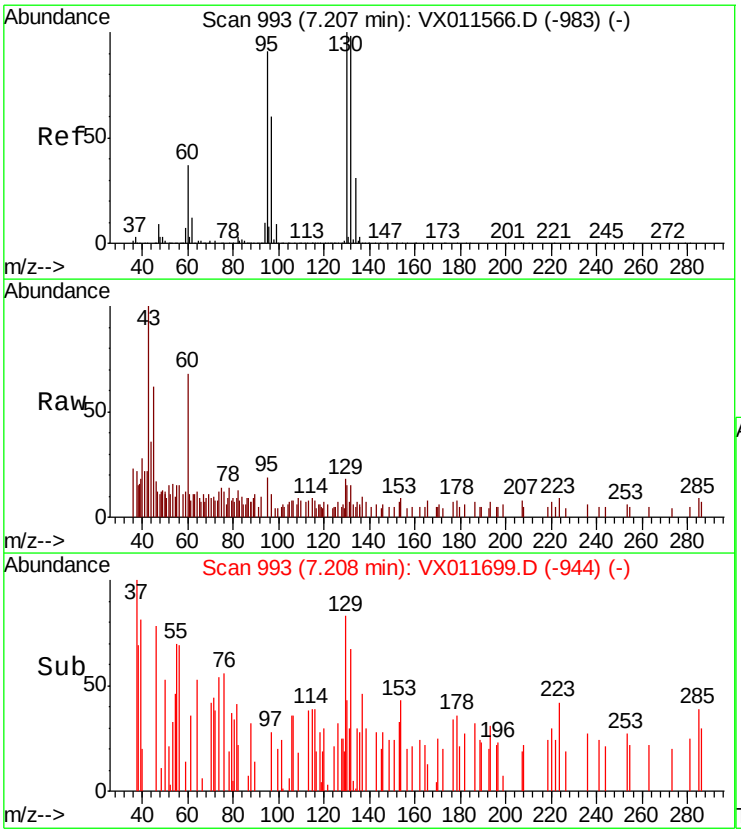
#43
Isopropyl Acetate
Concen: 8.104 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 43 Resp: 64474

Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.8	11.4	17.2

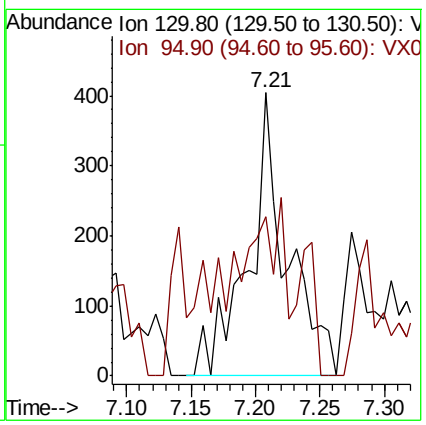


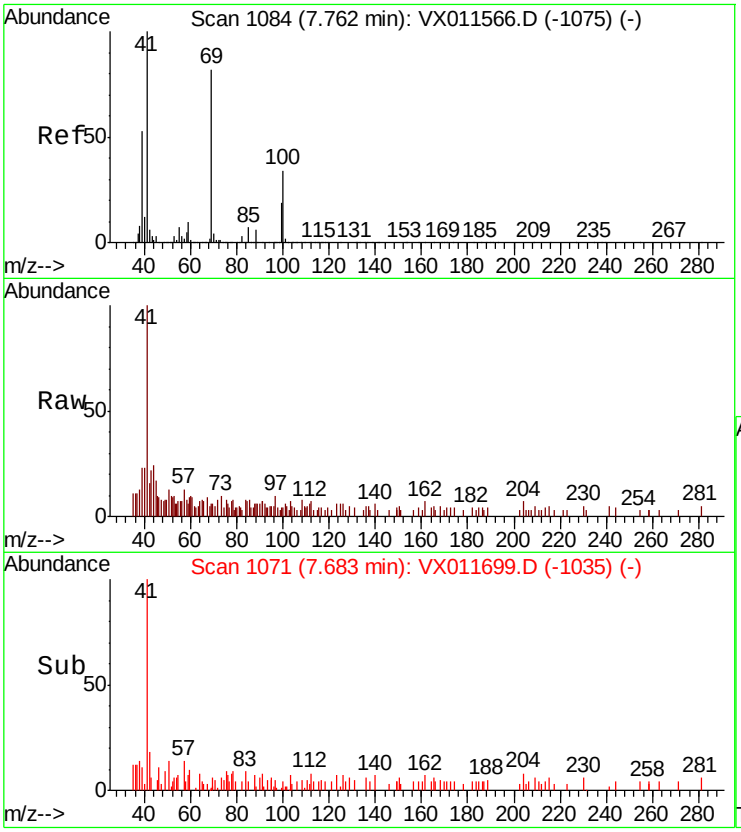


#44
Trichloroethene
Concen: 0.204 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:130 Resp: 834

Ion	Ratio	Lower	Upper
130	100		
95	56.4	0.0	181.4



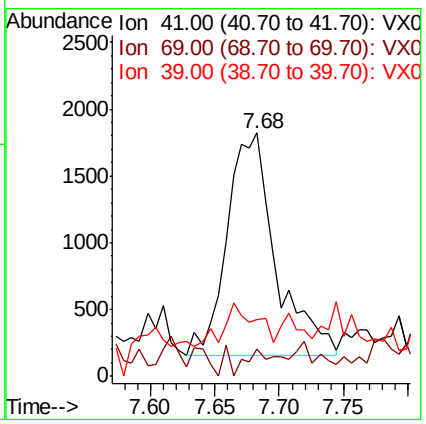


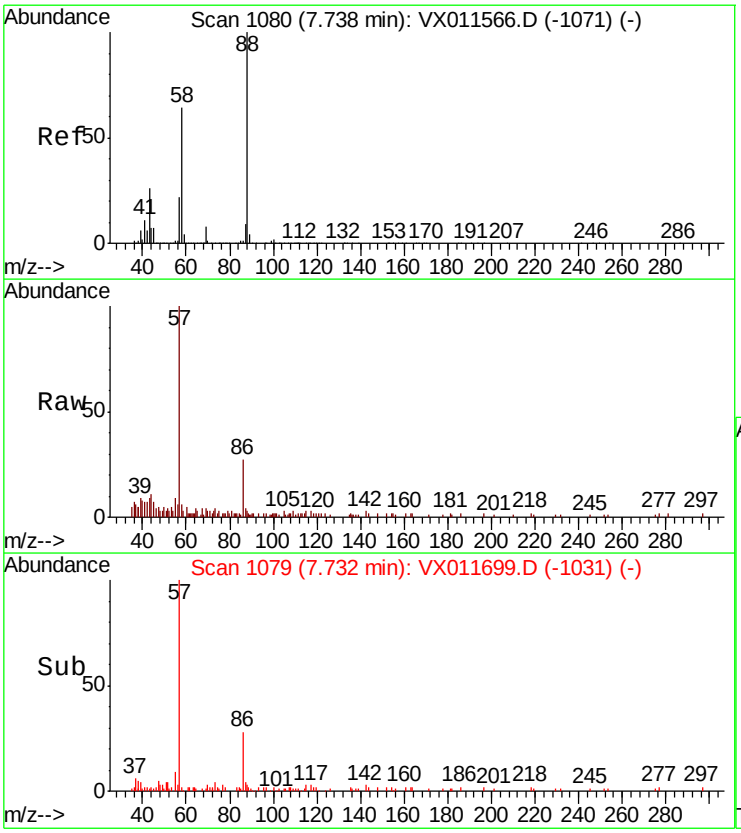
#48
Methyl methacrylate
Concen: 1.103 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.08 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 41 Resp: 4347

Ion	Ratio	Lower	Upper
41	100		
69	7.2	67.9	101.9#
39	0.0	41.6	62.4#

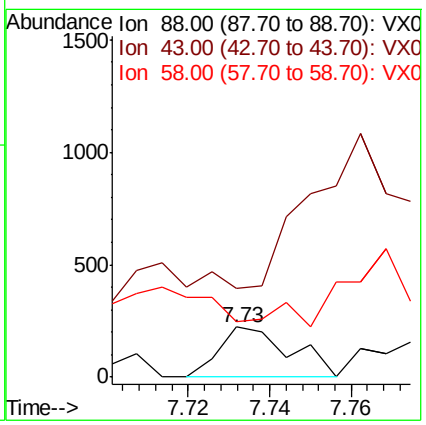


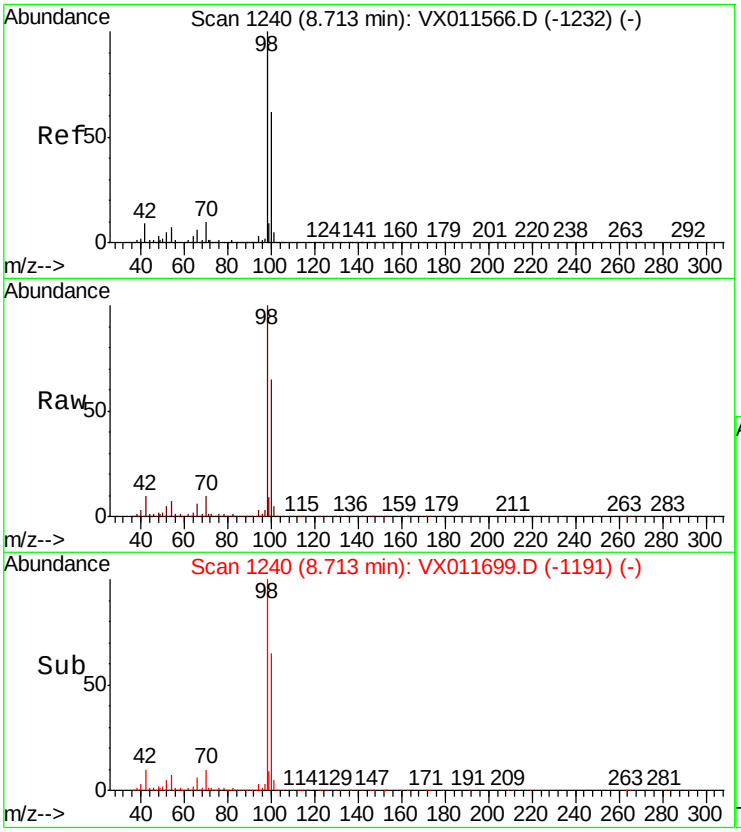


#49
1,4-Dioxane
Concen: 2.567 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 88 Resp: 269

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	190.3	54.3	81.5#



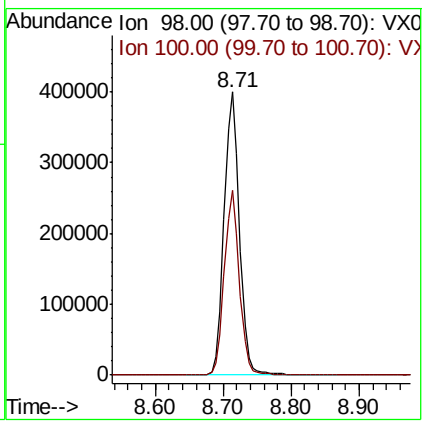


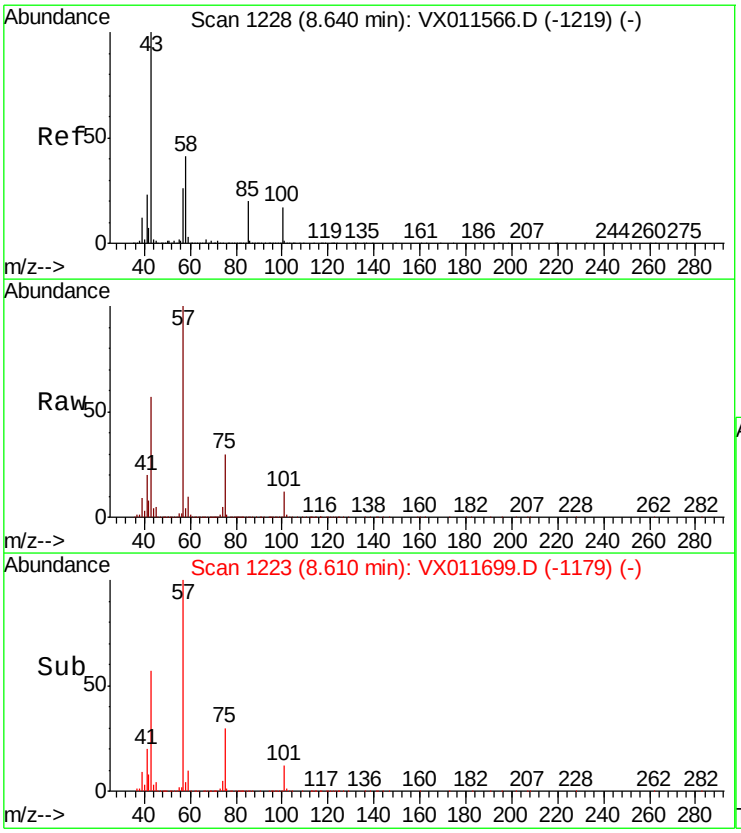
#50
Toluene-d8
Concen: 59.307 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion: 98 Resp: 626580

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6

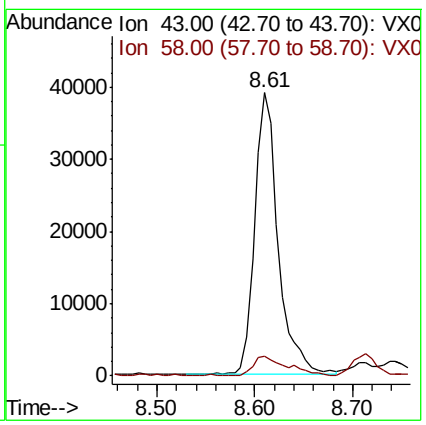


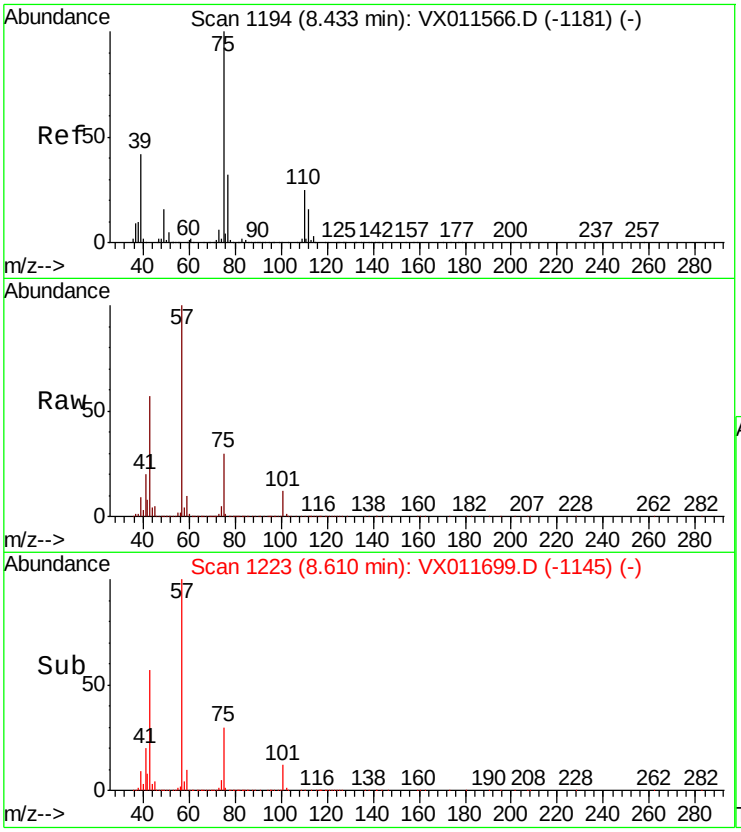


#51
4-Methyl-2-Pentanone
Concen: 12.495 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 43 Resp: 65068

Ion	Ratio	Lower	Upper
43	100		
58	10.2	31.8	47.6#



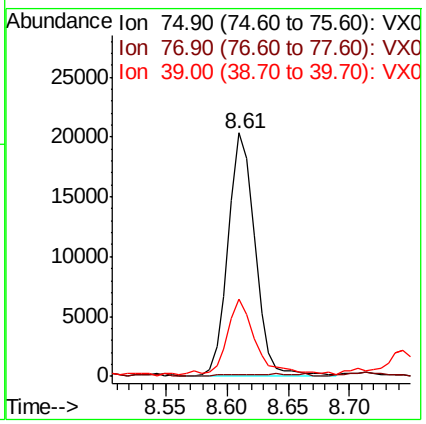


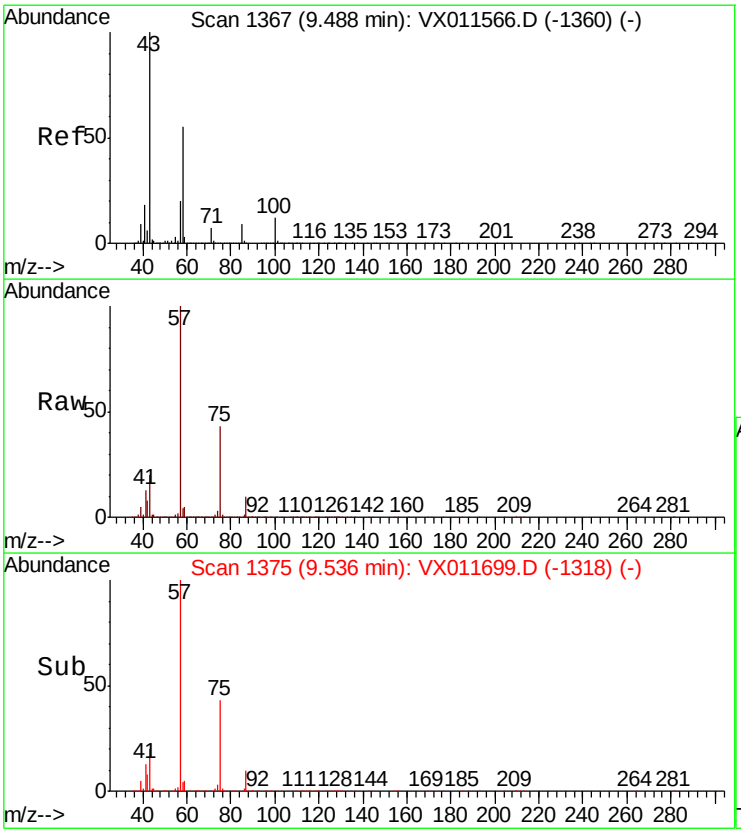
#54
cis-1,3-Dichloropropene
Concen: 5.870 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion: 75 Resp: 30559

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.5	38.3#
39	30.8	33.6	50.4#

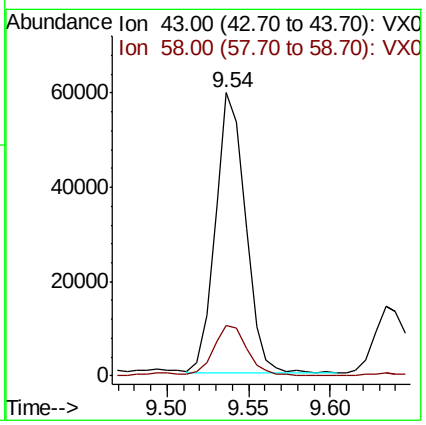


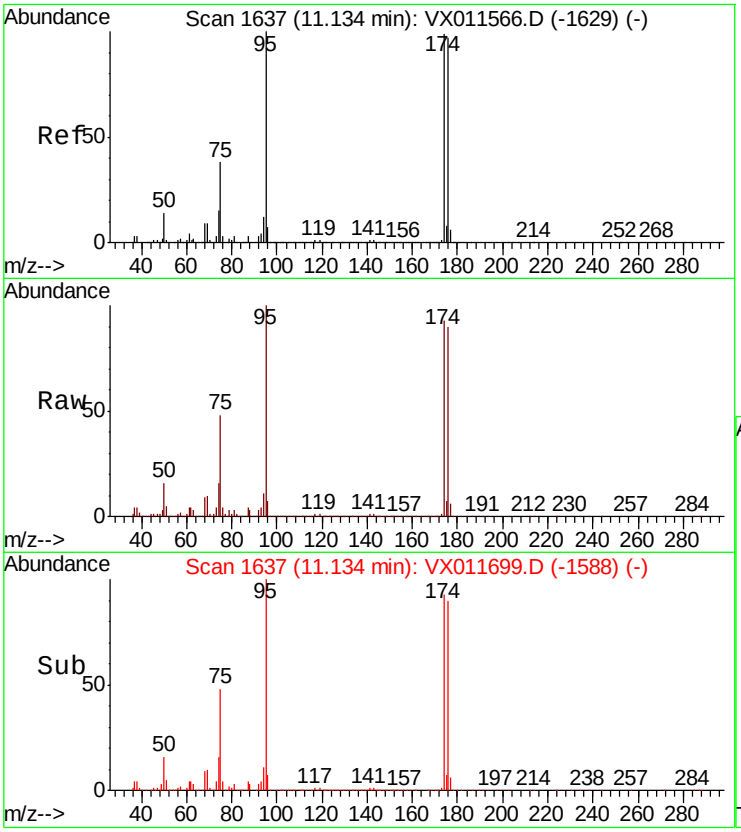


#59
2-Hexanone
Concen: 19.007 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 43 Resp: 76330

Ion	Ratio	Lower	Upper
43	100		
58	20.4	27.5	82.4#



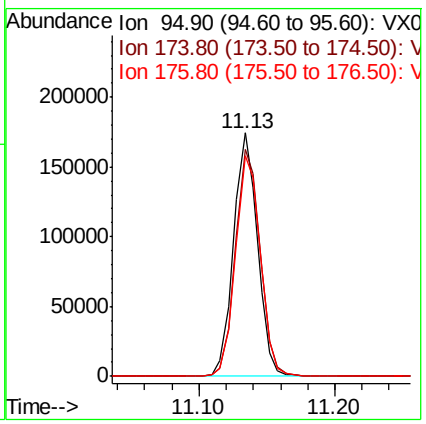


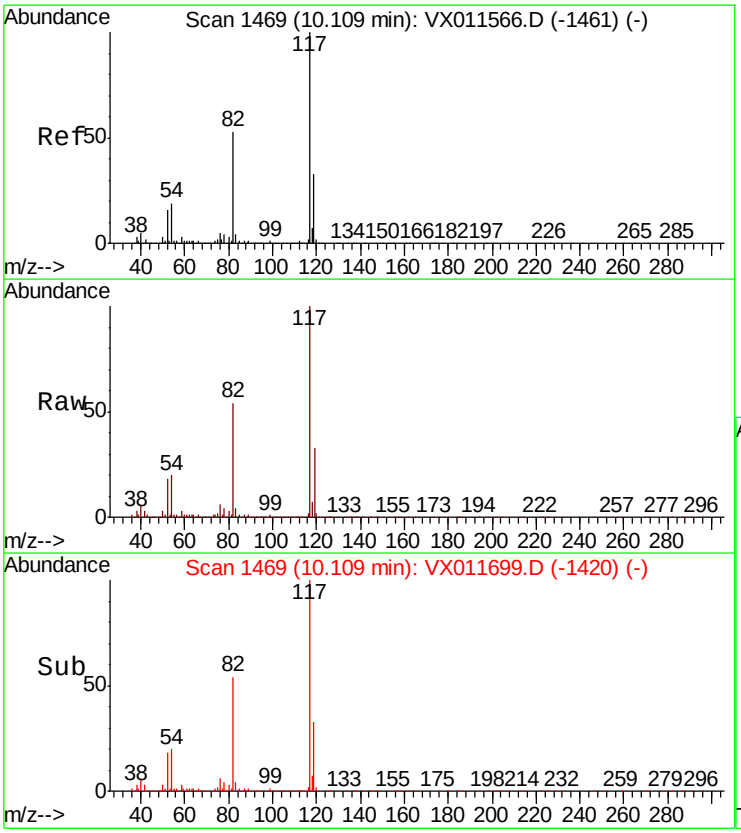
#62
4-Bromofluorobenzene
Concen: 47.996 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 95 Resp: 214032

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	200.6
176	93.9	0.0	196.6

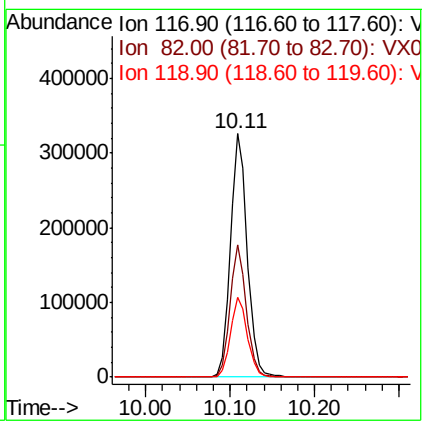


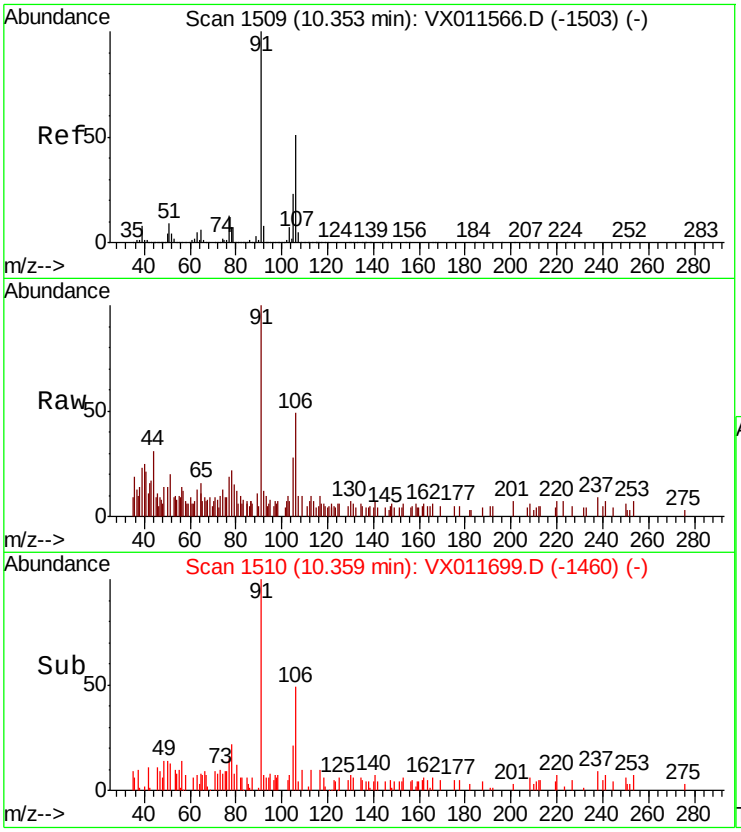


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:117 Resp: 441716

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.0	63.0
119	32.8	26.5	39.7



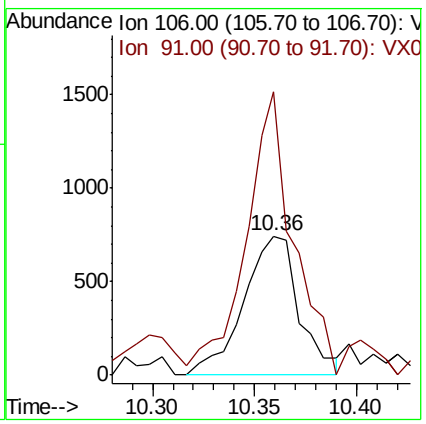


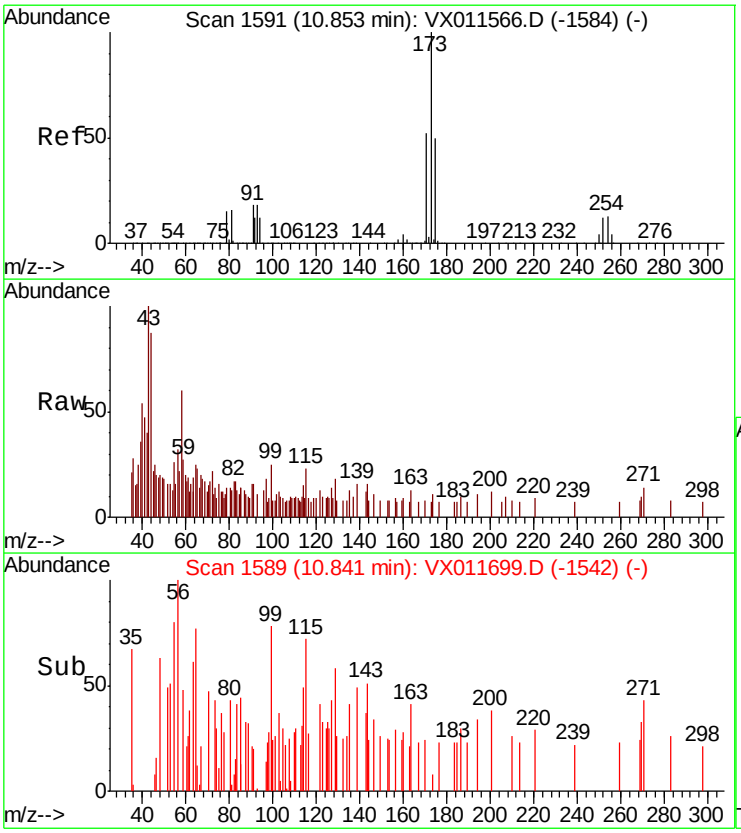
#68
m/p-Xylenes
Concen: 0.235 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion:106 Resp: 1417

Ion	Ratio	Lower	Upper
106	100		
91	172.6	156.0	234.0

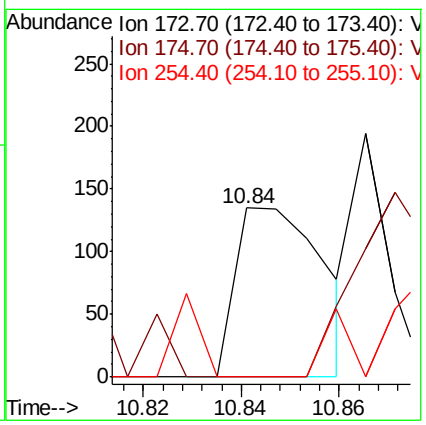


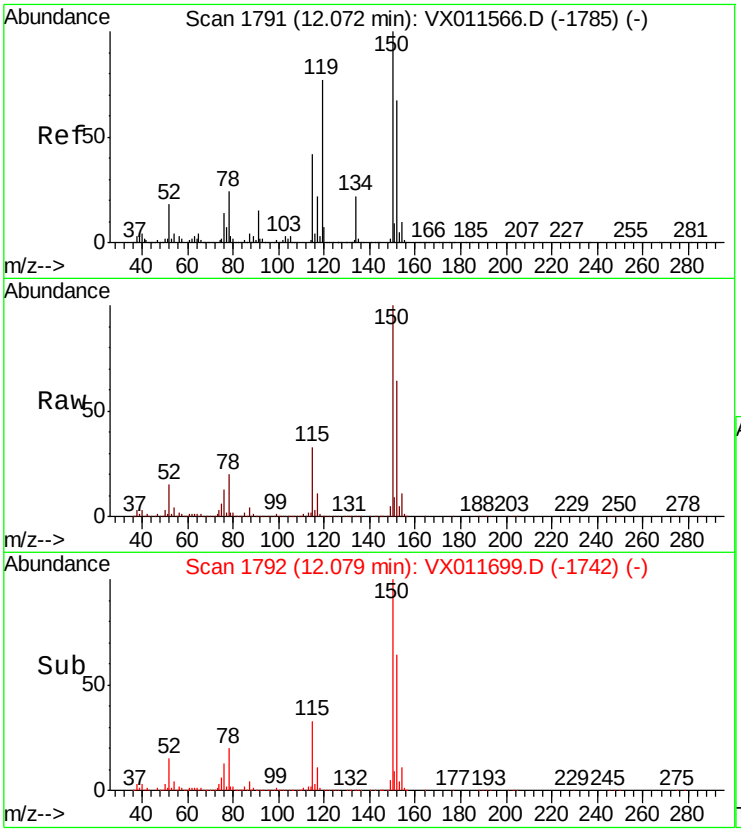


#71
Bromoform
Concen: 3.337 ug/l
RT: 10.84 min Scan# 1589
Delta R.T. -0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:173 Resp: 168

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	14.9	0.1	0.1#



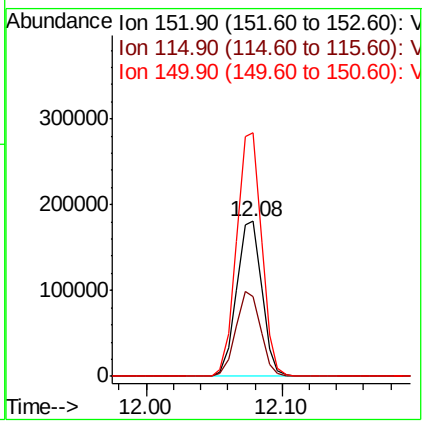


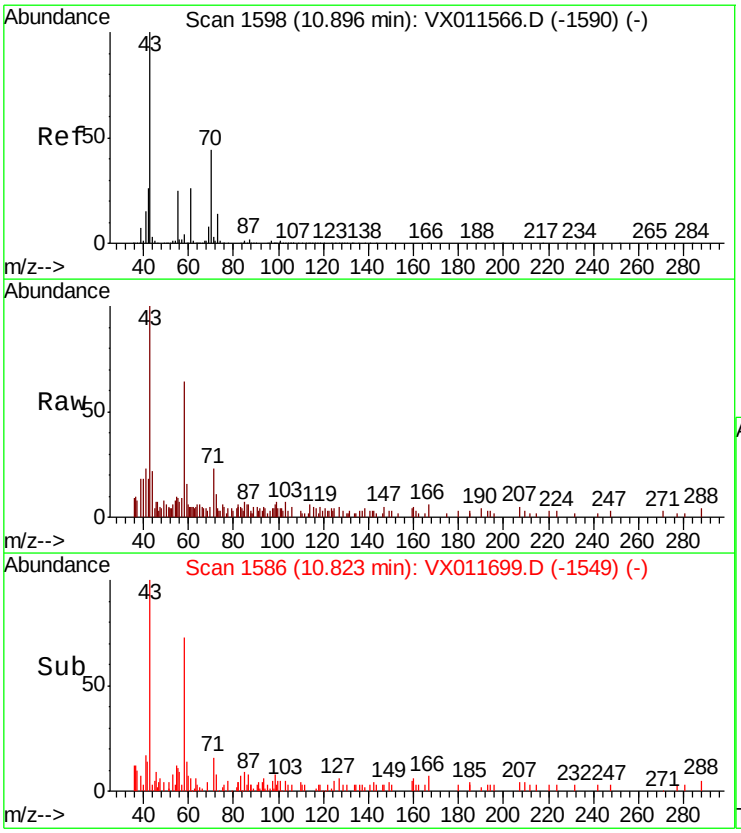
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument : MSVOA_X
ClientSampleId : PB122377TB

Tgt Ion:152 Resp: 234282

Ion	Ratio	Lower	Upper
152	100		
115	53.4	37.3	111.9
150	155.4	0.0	346.2

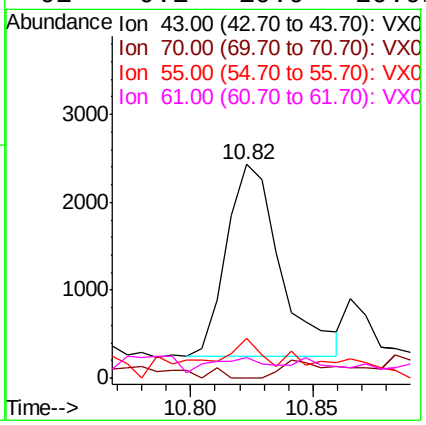


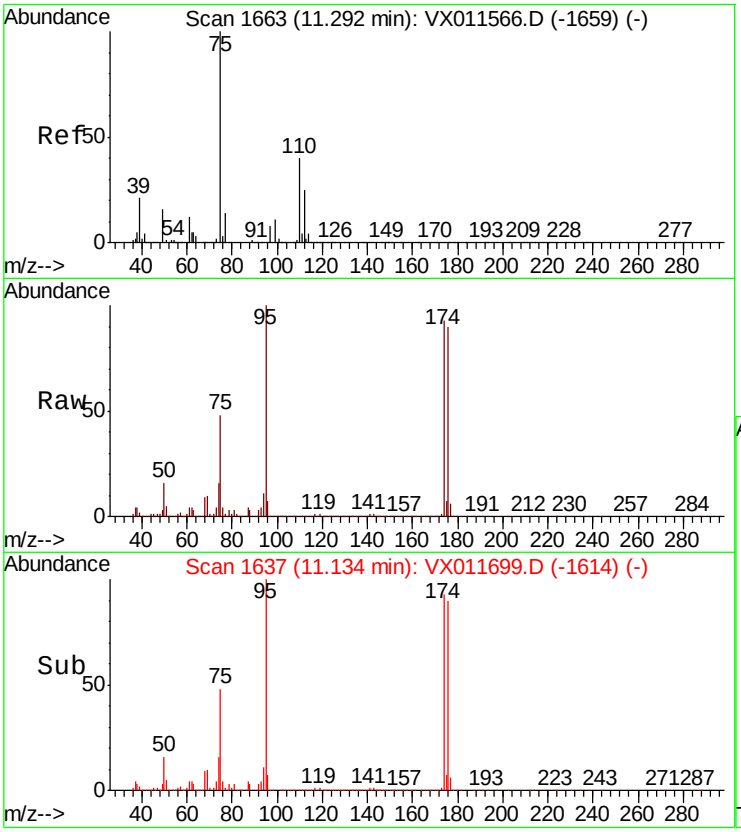


#74
N-amyl acetate
Concen: 0.519 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion: 43 Resp: 3351

Ion	Ratio	Lower	Upper
43	100		
70	8.8	34.7	52.1#
55	23.4	19.6	29.4
61	9.1	19.9	29.9#



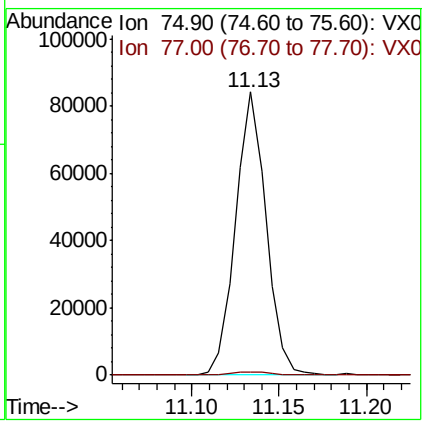


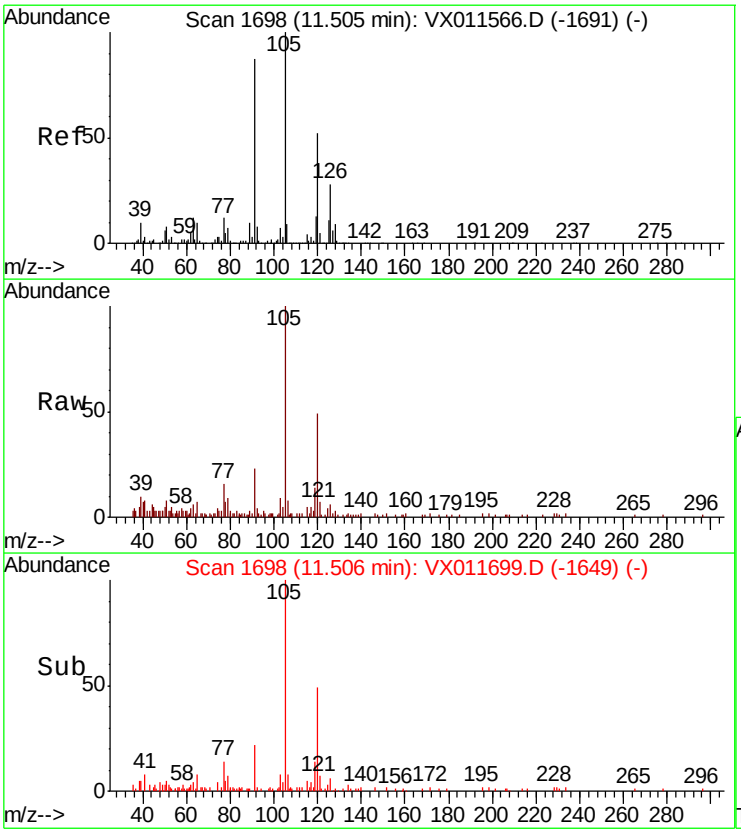
#76
1,2,3-Trichloropropane
Concen: 22.897 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 75 Resp: 101722

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#

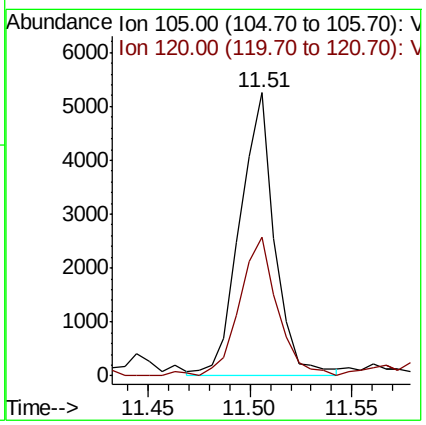


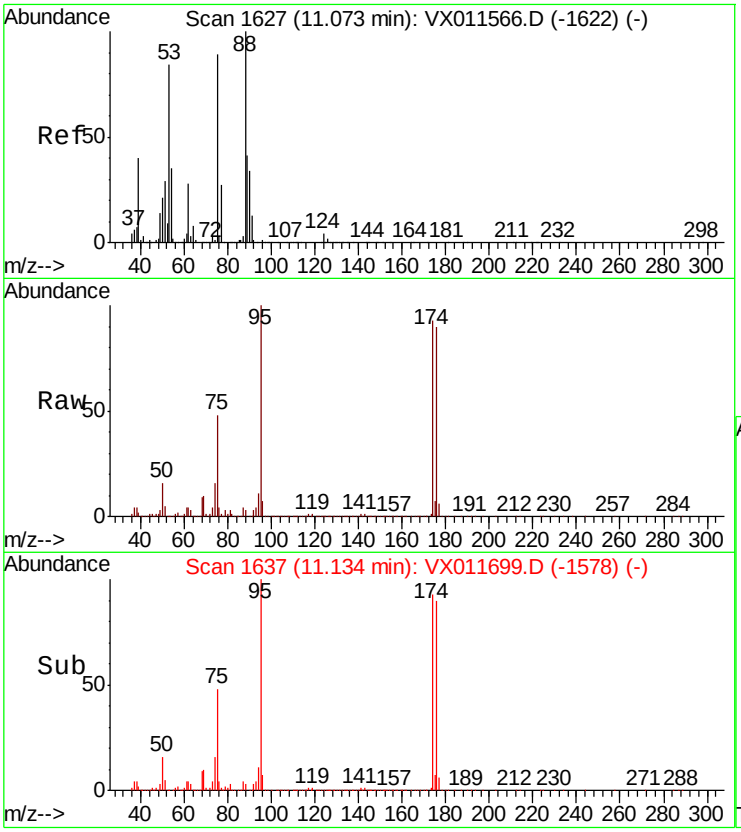


#80
1,3,5-Trimethylbenzene
Concen: 0.487 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:105 Resp: 6225

Ion	Ratio	Lower	Upper
105	100		
120	53.7	25.3	75.8



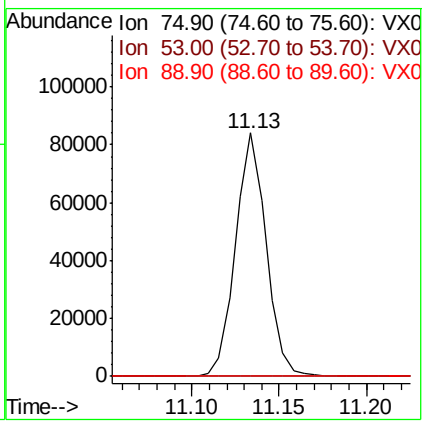


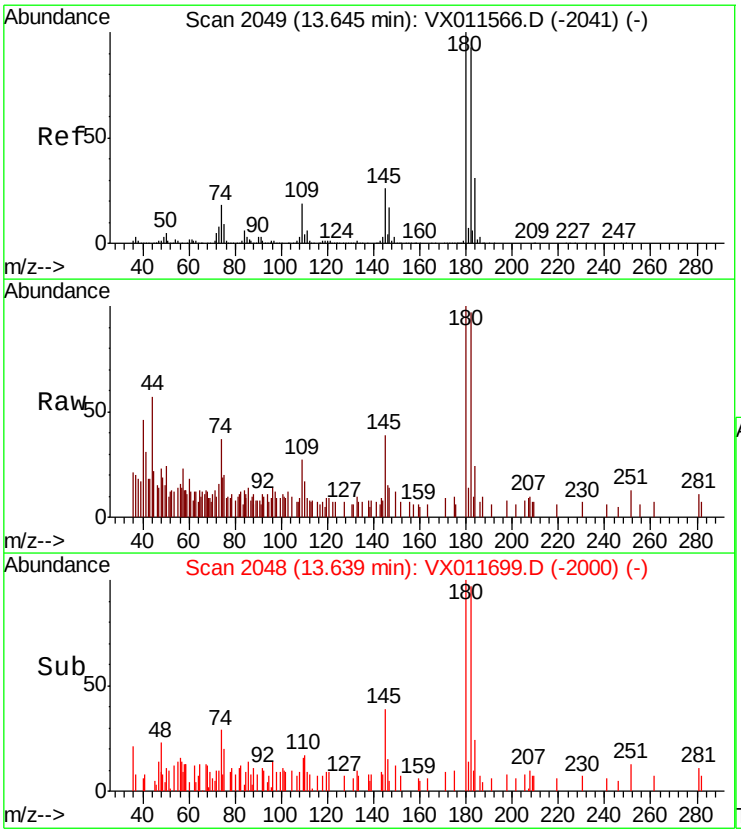
#81
trans-1,4-Dichloro-2-butene
Concen: 60.948 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion: 75 Resp: 101722

Ion	Ratio	Lower	Upper
75	100		
53	0.5	77.4	116.0#
89	0.1	37.3	55.9#

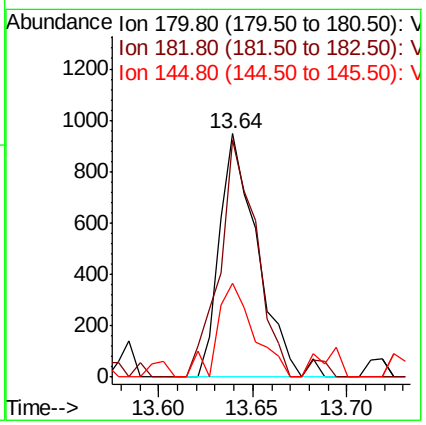


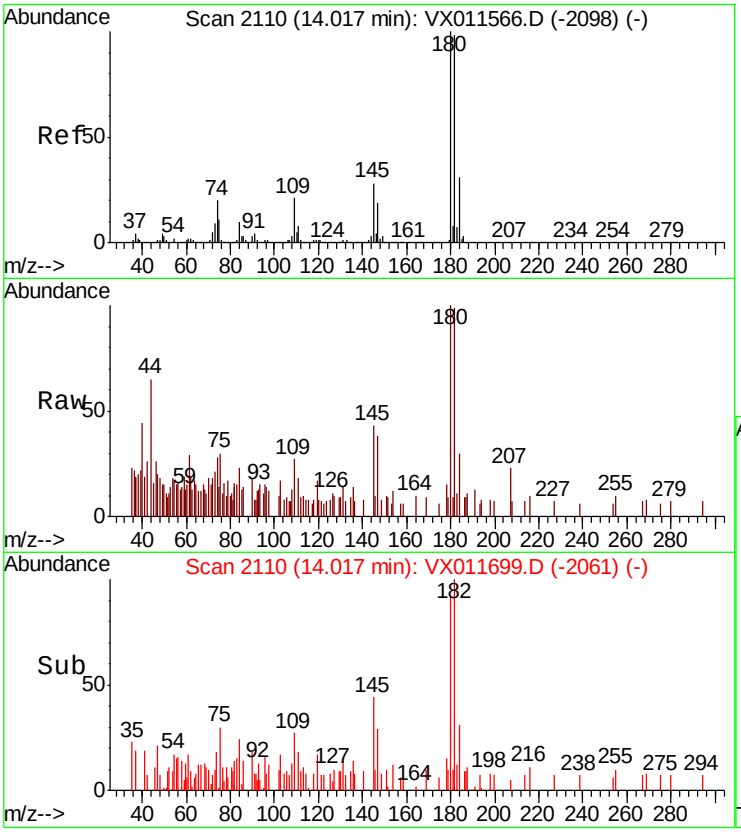


#93
1,2,4-Trichlorobenzene
Concen: 0.228 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Tgt Ion:180 Resp: 1327

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	142.0
145	37.4	13.6	40.8





#96
1,2,3-Trichlorobenzene
Concen: 0.200 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011699.D
Acq: 20 Aug 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB122377TB

Tgt Ion:180 Resp: 1175

Ion	Ratio	Lower	Upper
180	100		
182	86.3	48.0	144.0
145	75.0	14.6	43.8#