Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010213.D
Acq On : 11 Jun 2019 06:10
Operator : JC/SP
Sample : K3163-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Quant Time: Jun 11 08:51:15 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	5.67	168	262236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117905	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.12%			
35) Dibromofluoromethane	5.50	113	121932	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
50) Toluene-d8	8.71	98	463342	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.13	95	160568	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.82%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	542	0.226	ug/l #	74
5) Bromomethane	1.65	94	185	0.218	ug/l #	67
6) Chloroethane	1.69	64	297	0.262	ug/l #	43
11) Tert butyl alcohol	3.04	59	266	0.424	ug/l #	52
13) Acrolein	2.32	56	146	1.277	ug/l #	14
16) Acetone	2.44	43	15947	13.246	ug/l #	88
18) Methyl Acetate	2.77	43	1824	0.689	ug/l #	66
20) Methylene Chloride	2.85	84	91496	34.605	ug/l #	78
25) 2-Butanone	4.69	43	1629	0.909	ug/l #	75
29) Tetrahydrofuran	5.16	42	1394	1.237	ug/l #	86
30) Chloroform	5.21	83	2329	0.543	ug/l	86
31) Cyclohexane	5.65	56	4285	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15629	4.832	ug/l #	51
38) Carbon Tetrachloride	5.66	117	22133	6.045	ug/l #	15
43) Isopropyl Acetate	6.45	43	8069	1.434	ug/l #	81
48) Methyl methacrylate	7.68	41	4942	1.878	ug/l #	32
49) 1,4-Dioxane	7.87	88	75	1.000	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	70336	20.924	ug/l #	53
54) cis-1,3-Dichloropropene	8.61	75	40329	9.280	ug/l #	53
57) 1,3-Dichloropropane	9.54	76	7055	1.664	ug/l #	46
59) 2-Hexanone	9.44	43	9693	3.617	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	72252	21.427	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2316	0.234	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.13	75	72252	47.342	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2269	0.227	ug/l	91
95) Naphthalene	13.83	128	15191	1.190	ug/l	99

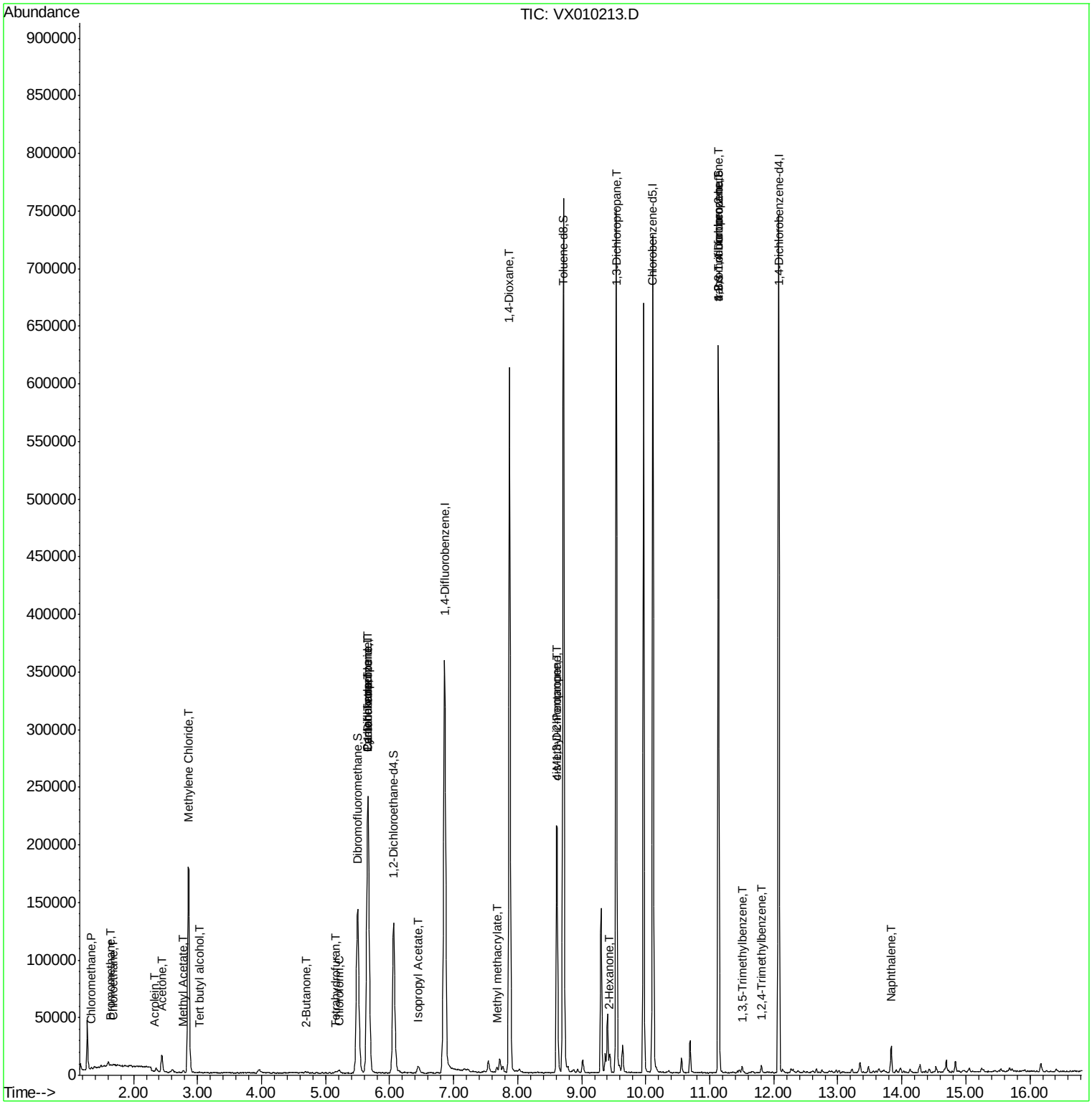
(#) = qualifier out of range (m) = manual integration (+) = signals summed

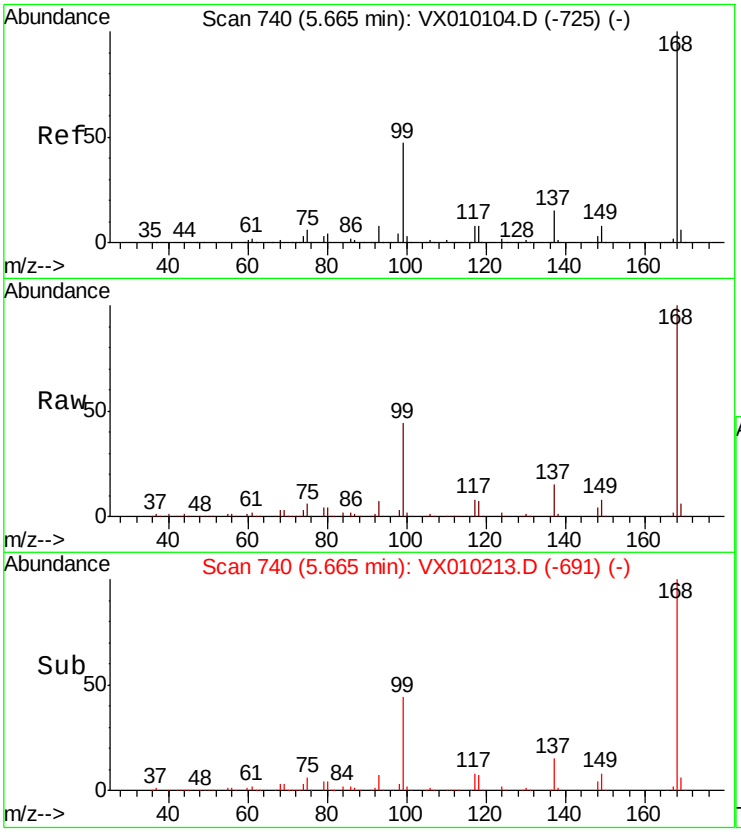
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061019\
Data File : VX010213.D
Acq On : 11 Jun 2019 06:10
Operator : JC/SP
Sample : K3163-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Quant Time: Jun 11 08:51:15 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



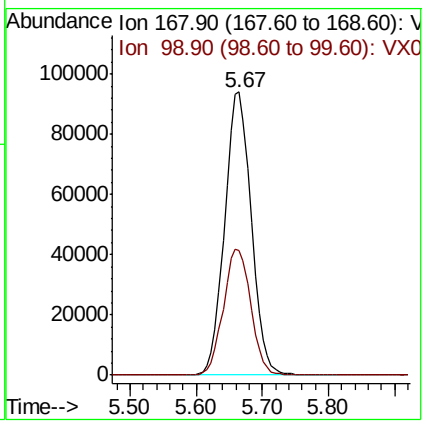


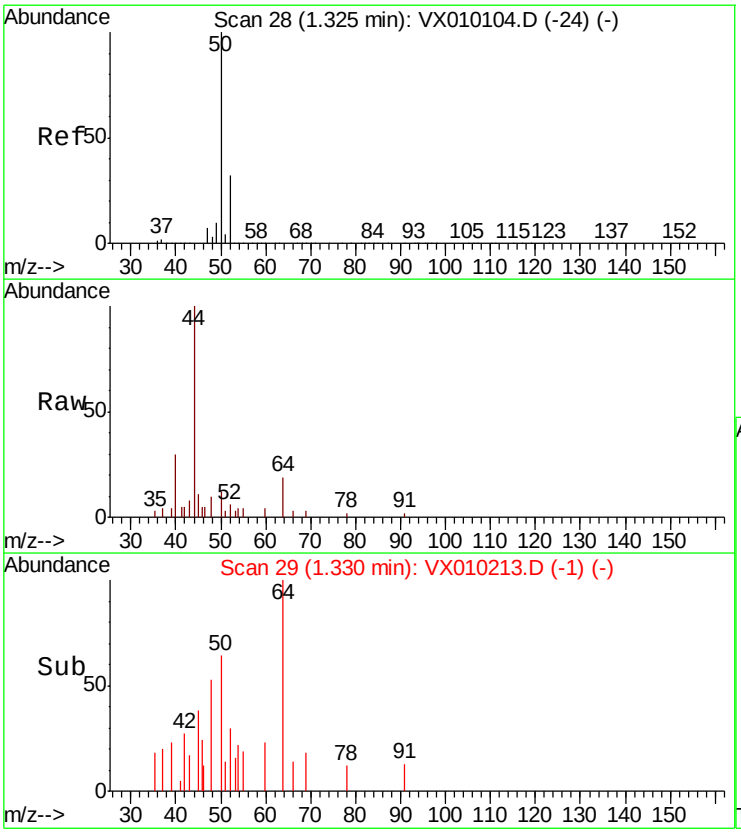
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion:168 Resp: 262236

Ion	Ratio	Lower	Upper
168	100		
99	43.8	43.0	64.6

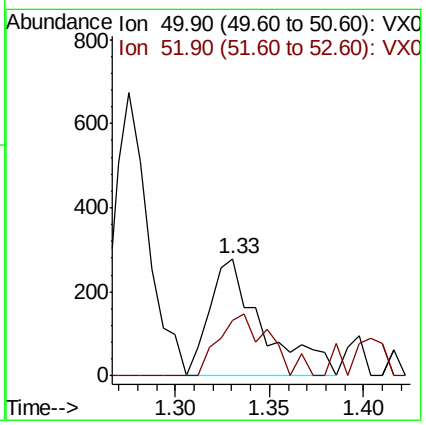


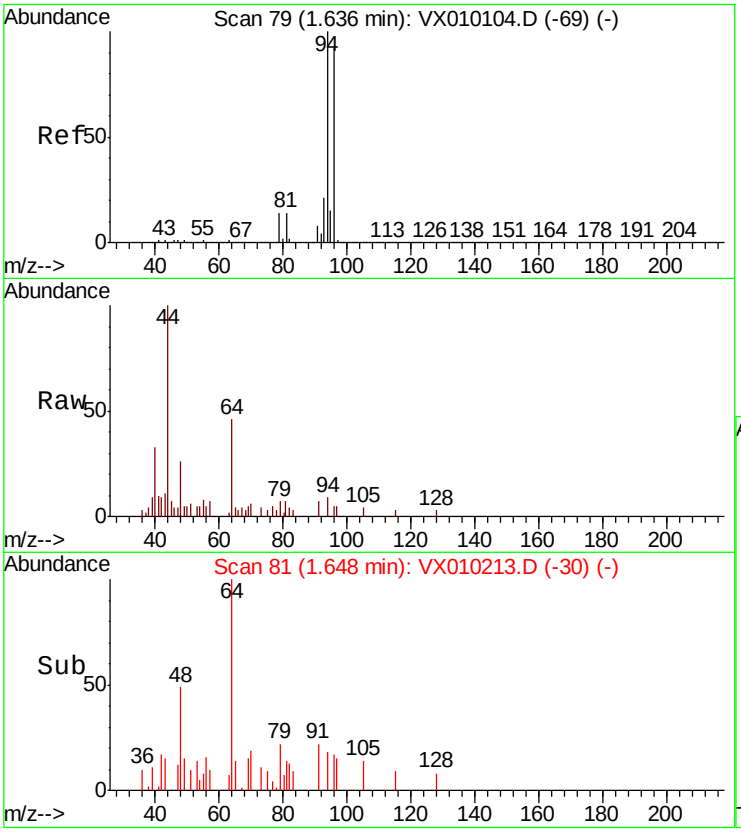


#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 50 Resp: 542

Ion	Ratio	Lower	Upper
50	100		
52	47.3	26.0	39.0#



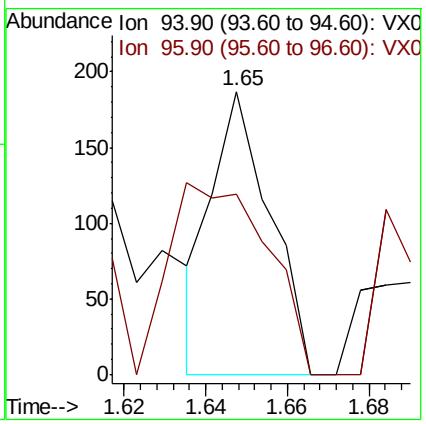


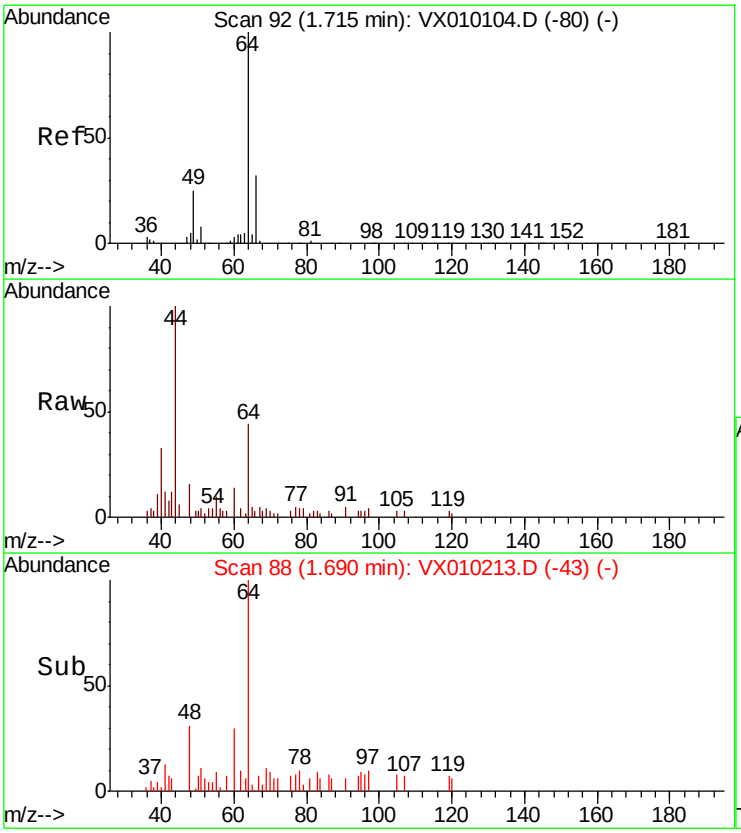
#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Tgt Ion: 94 Resp: 185

Ion	Ratio	Lower	Upper
94	100		
96	63.6	76.2	114.4#

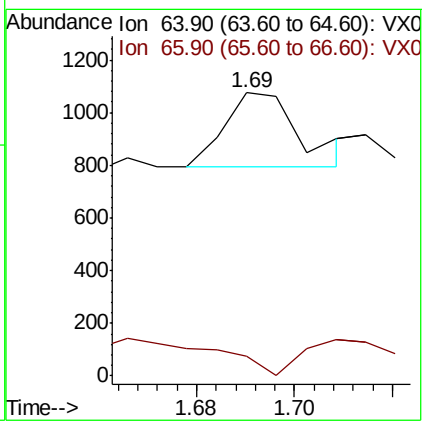


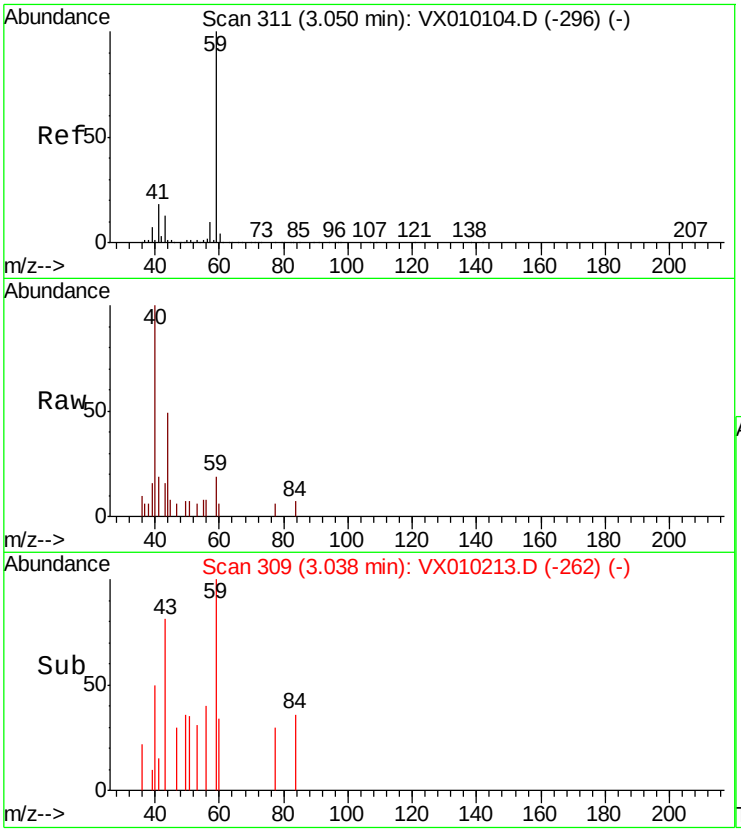


#6
Chloroethane
Concen: 0.262 ug/l
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 64 Resp: 297

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



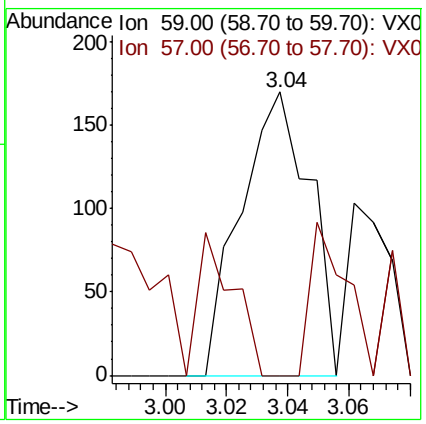


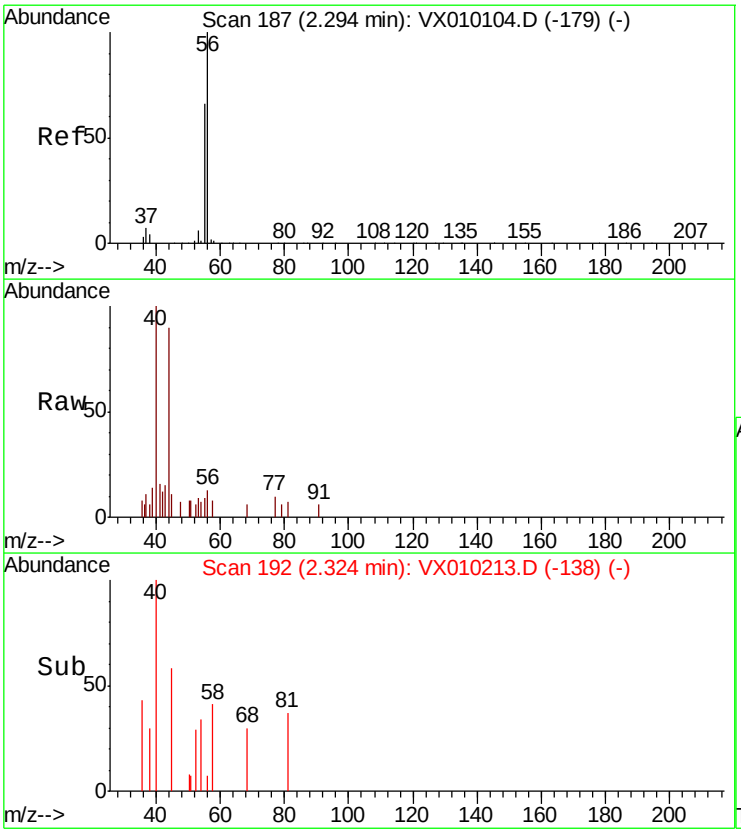
#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
57	28.2	8.2	12.2#

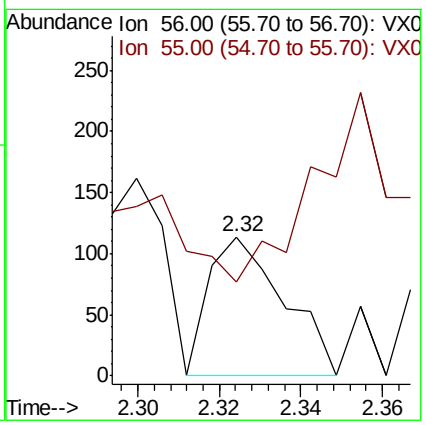


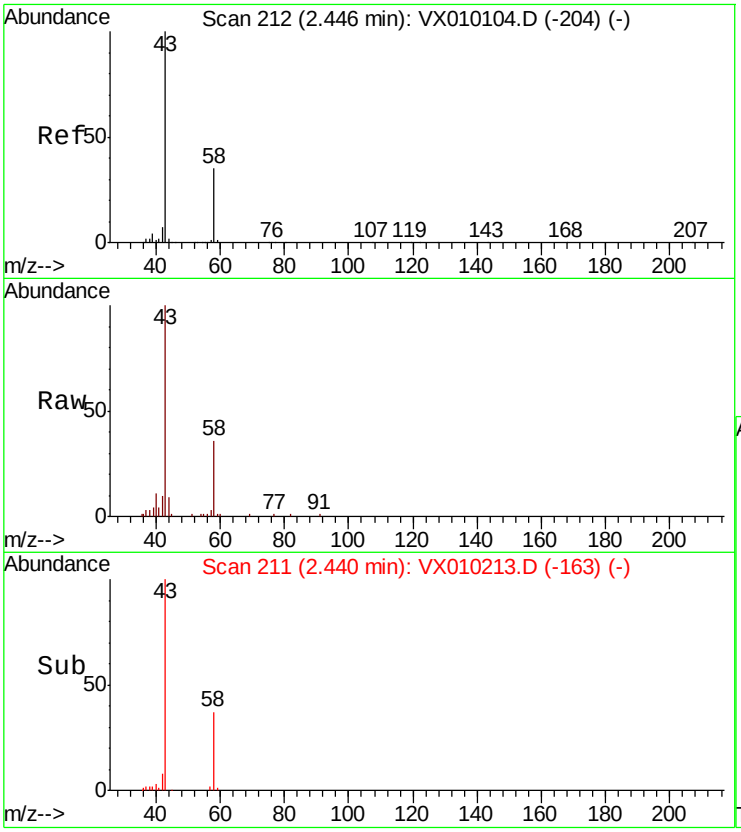


#13
Acrolein
Concen: 1.277 ug/l
RT: 2.32 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 56 Resp: 146

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



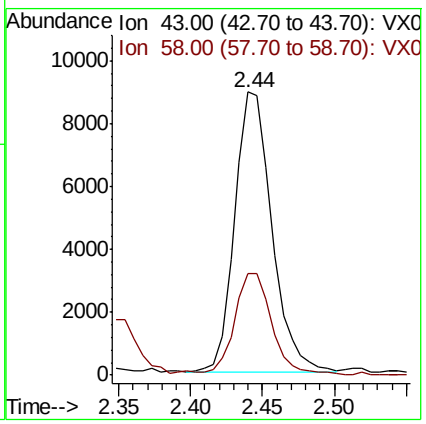


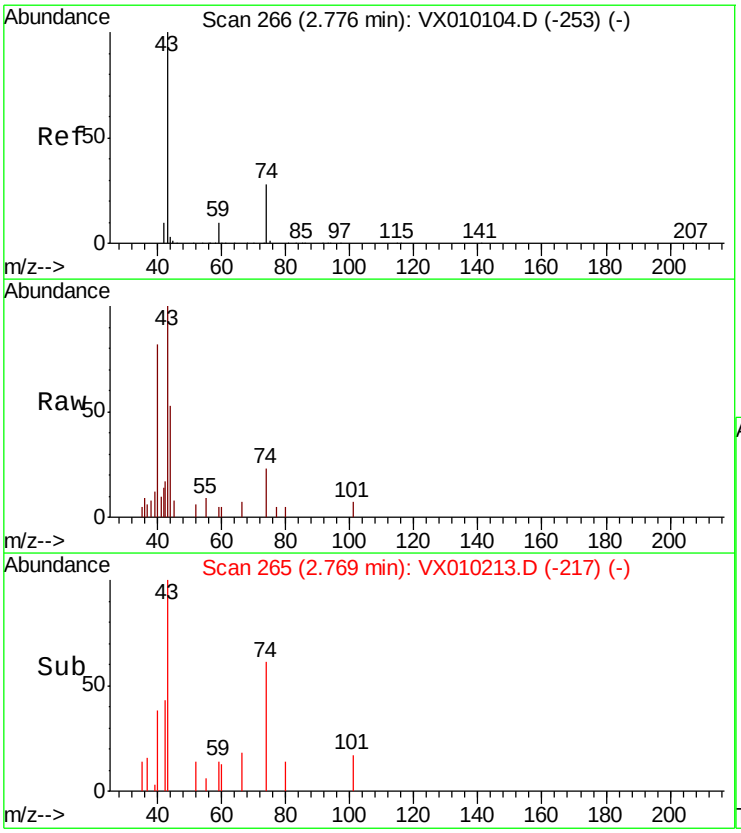
#16
Acetone
Concen: 13.246 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 43 Resp: 15947

Ion	Ratio	Lower	Upper
43	100		
58	35.6	23.2	34.8#

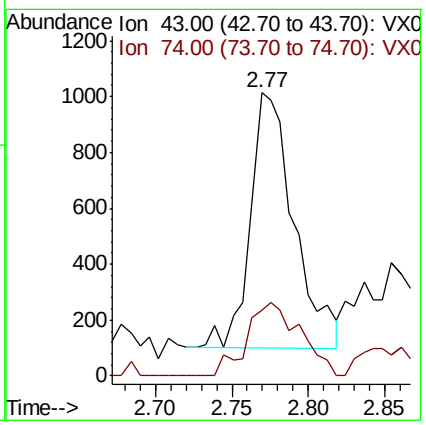


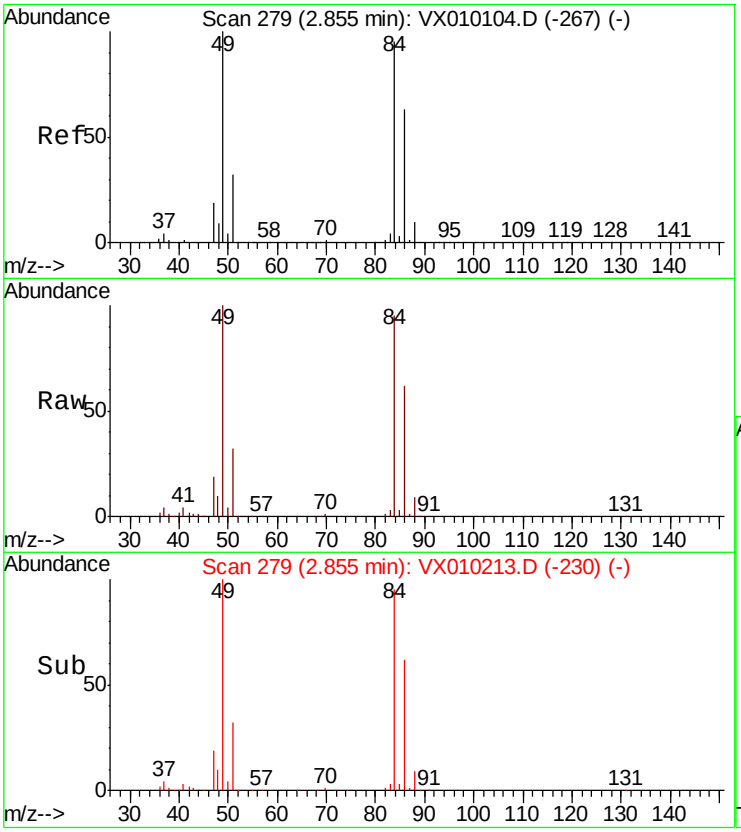


#18
Methyl Acetate
Concen: 0.689 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 43 Resp: 1824

Ion	Ratio	Lower	Upper
43	100		
74	35.1	15.8	23.6#



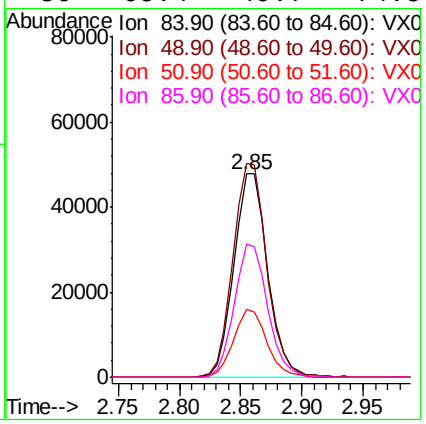


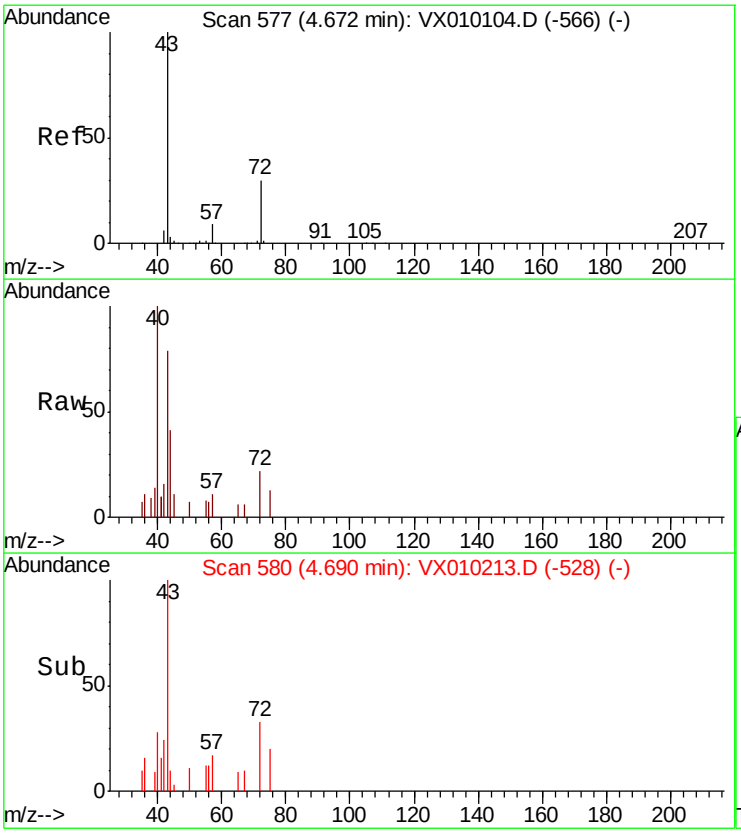
#20
Methylene Chloride
Concen: 34.605 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Tgt Ion: 84 Resp: 91496

Ion	Ratio	Lower	Upper
84	100		
49	105.1	115.8	173.6#
51	33.2	34.4	51.6#
86	65.4	49.7	74.5

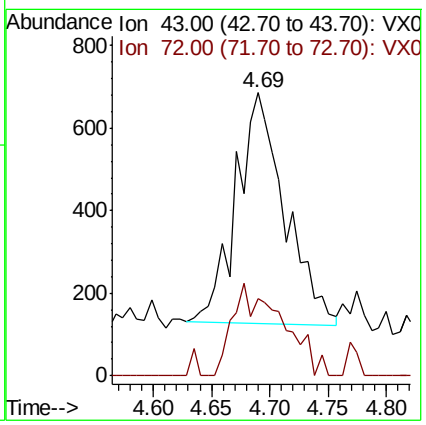


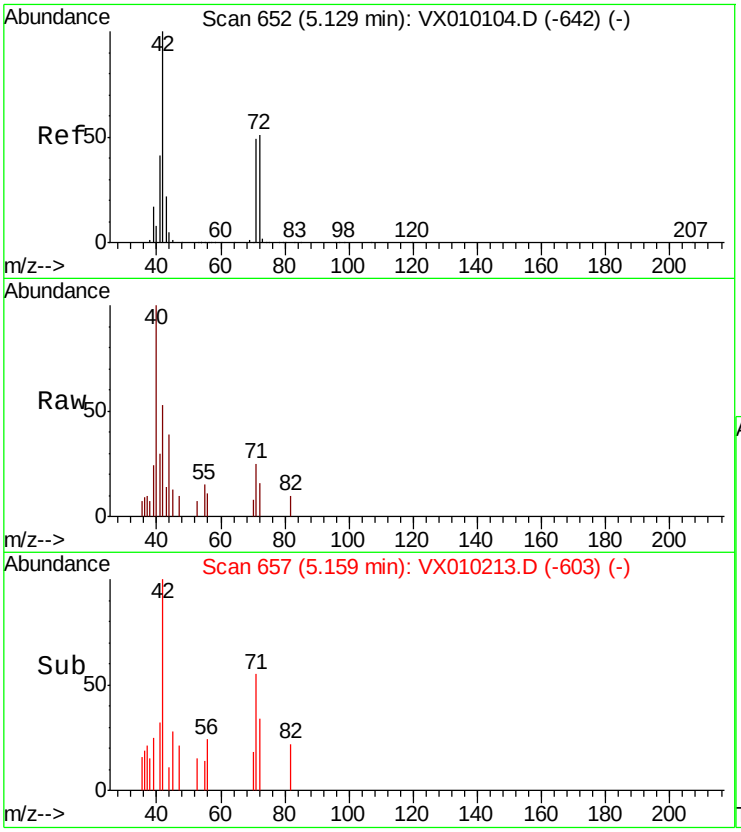


#25
2-Butanone
Concen: 0.909 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 43 Resp: 1629

Ion	Ratio	Lower	Upper
43	100		
72	33.7	17.5	26.3#



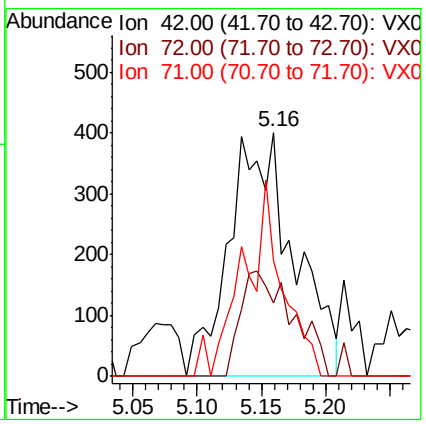


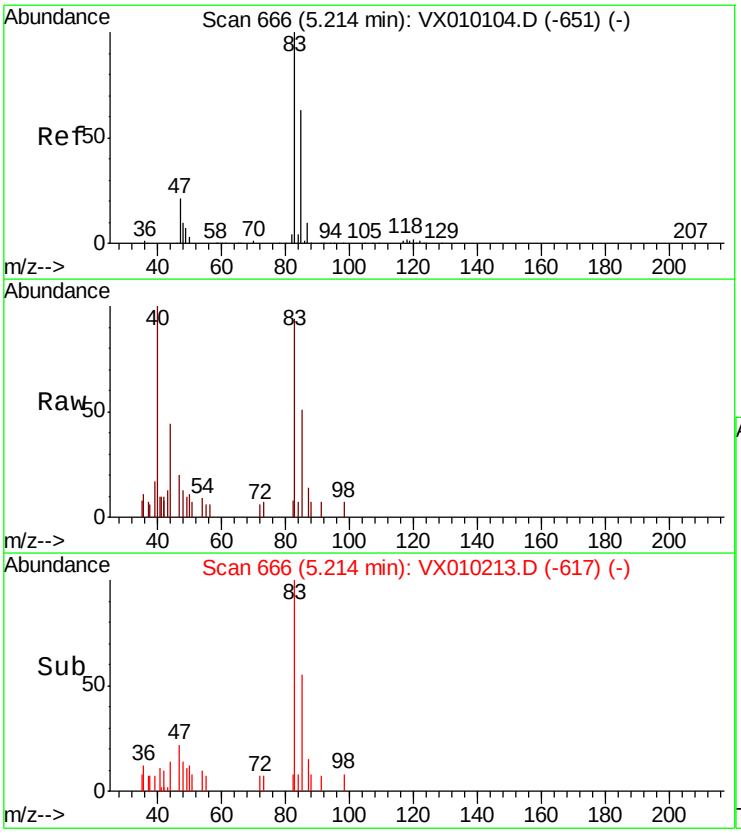
#29
Tetrahydrofuran
Concen: 1.237 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.03 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 42 Resp: 1394

Ion	Ratio	Lower	Upper
42	100		
72	34.9	29.2	43.8
71	48.9	27.6	41.4#

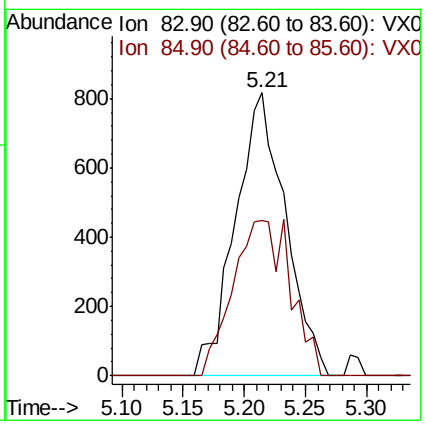


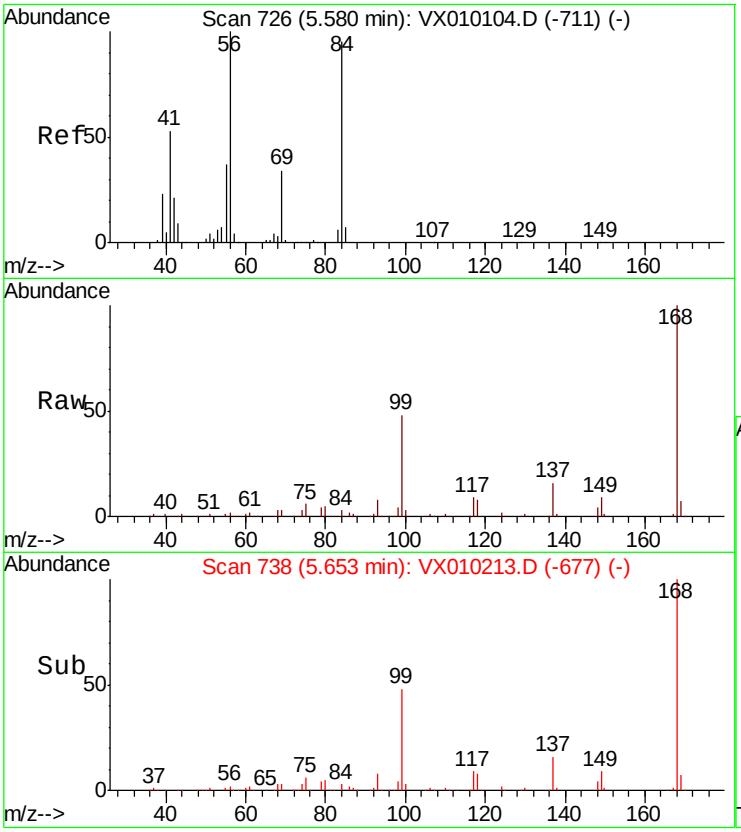


#30
Chloroform
Concen: 0.543 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 83 Resp: 2329

Ion	Ratio	Lower	Upper
83	100		
85	54.8	52.6	78.8



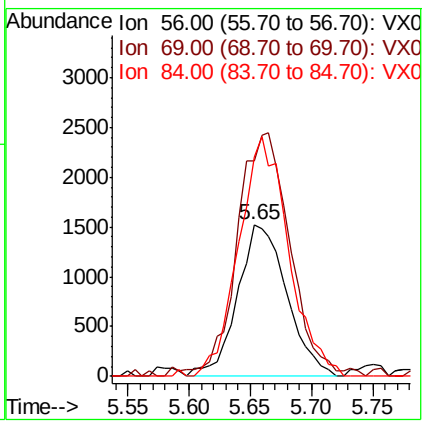


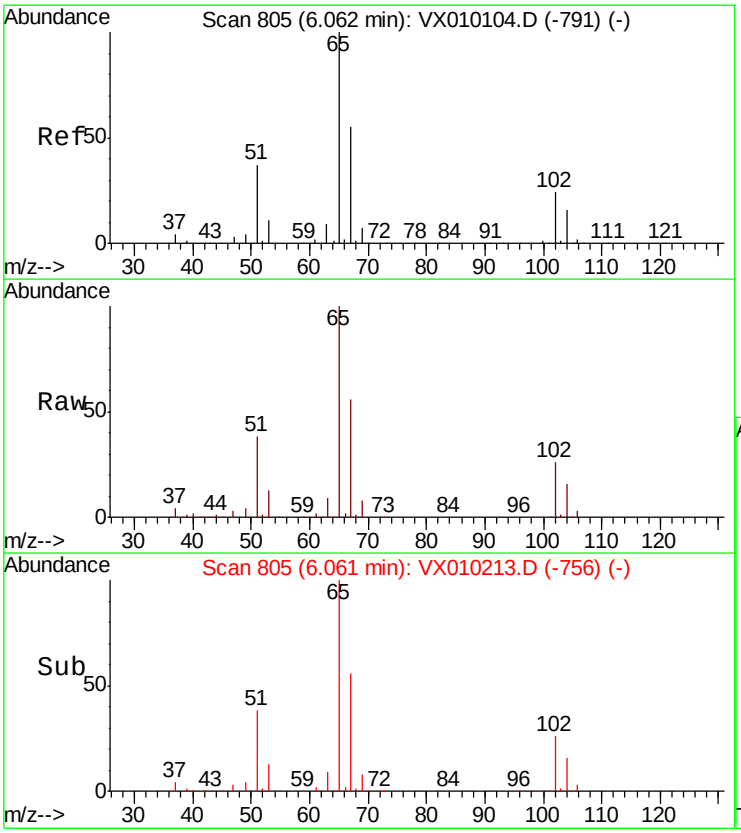
#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Tgt Ion: 56 Resp: 4285

Ion	Ratio	Lower	Upper
56	100		
69	137.8	21.6	32.4#
84	144.8	56.8	85.2#

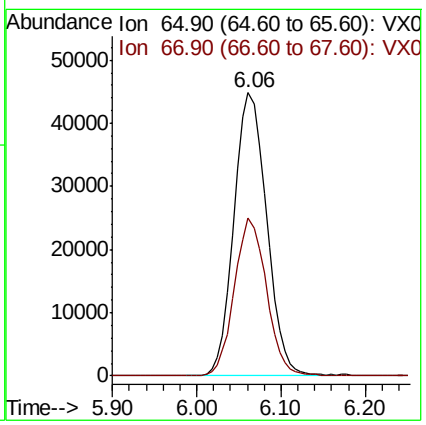


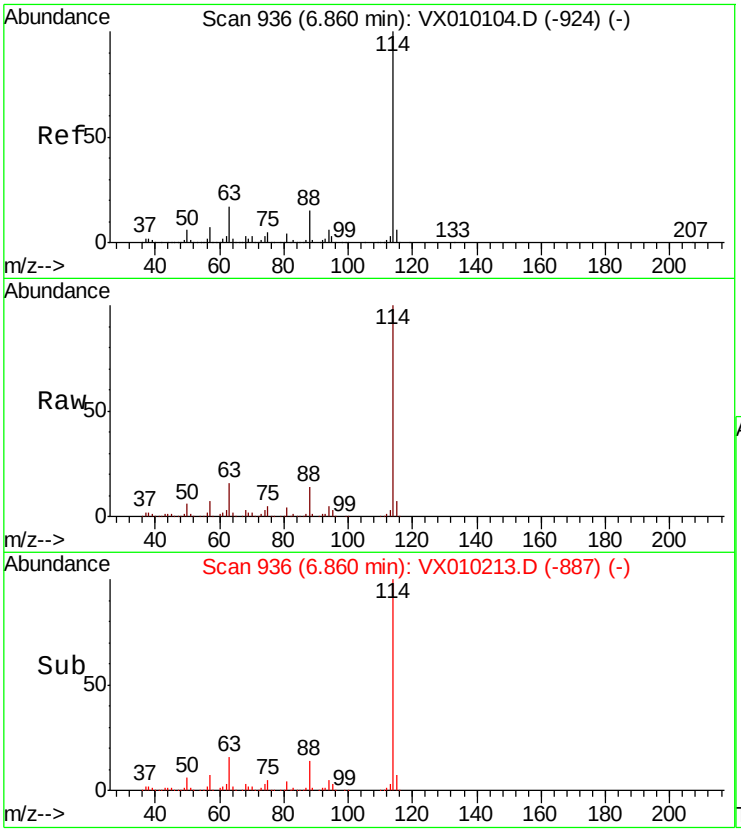


#33
1,2-Dichloroethane-d4
Concen: 46.062 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 65 Resp: 117905

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.4



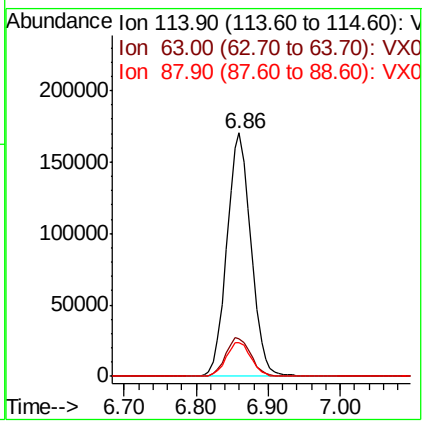


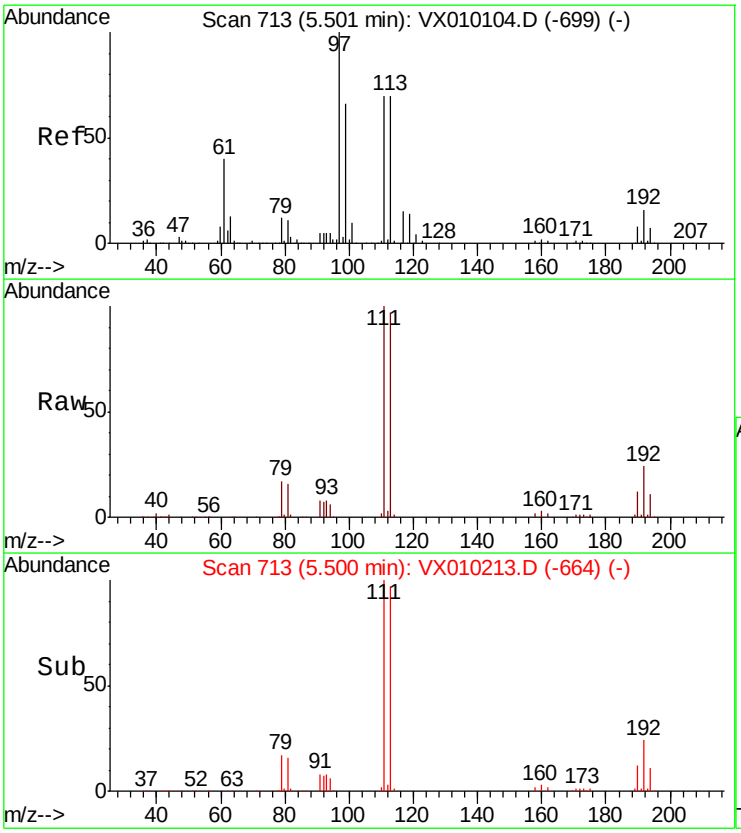
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion:114 Resp: 396461

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	47.4
88	14.0	0.0	33.0

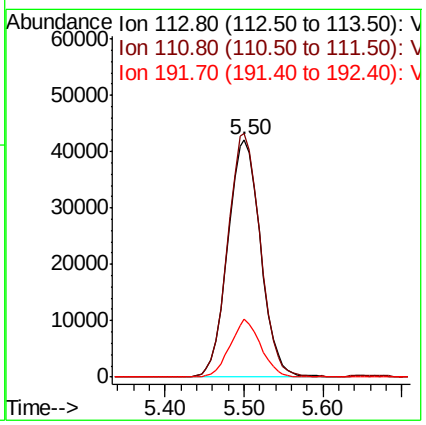


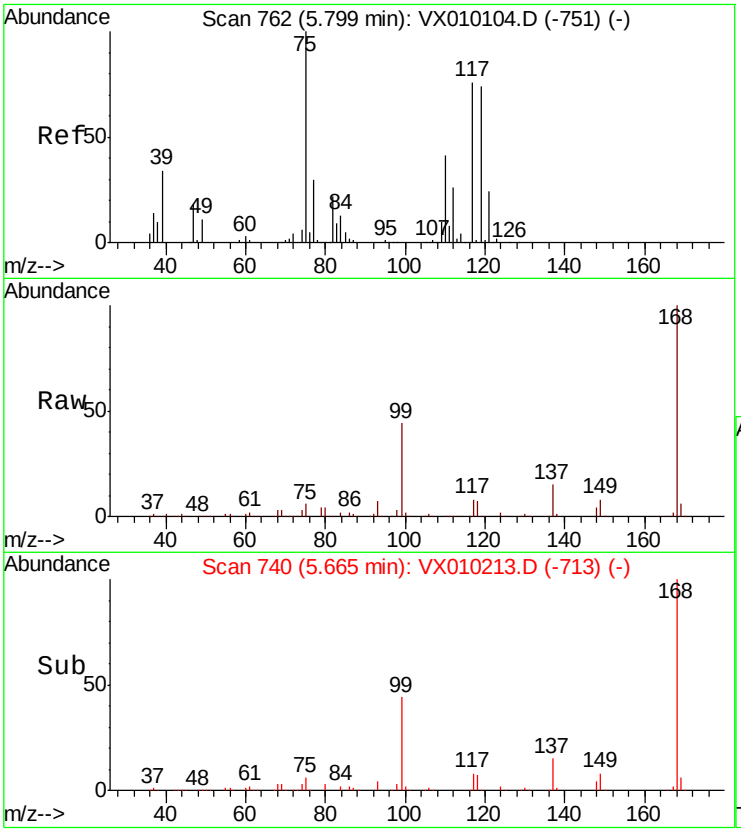


#35
Dibromofluoromethane
Concen: 49.860 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion:113 Resp: 121932

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	22.8	17.1	25.7



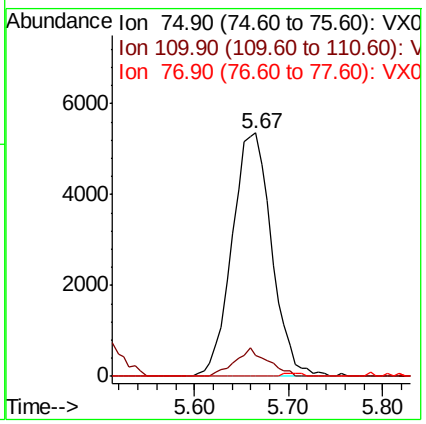


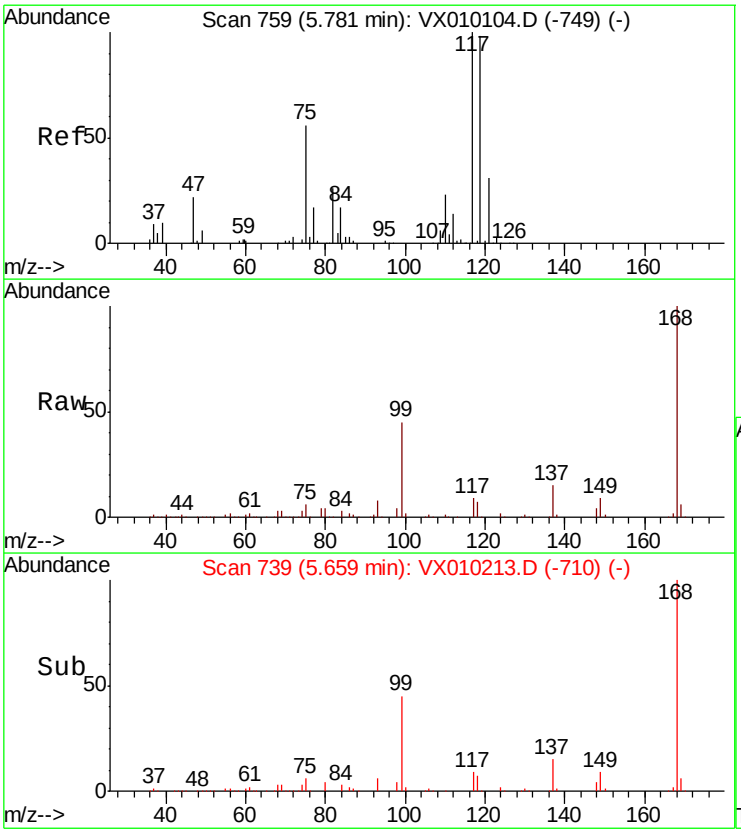
#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 75 Resp: 15629

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.7	50.1#
77	0.0	25.0	37.4#

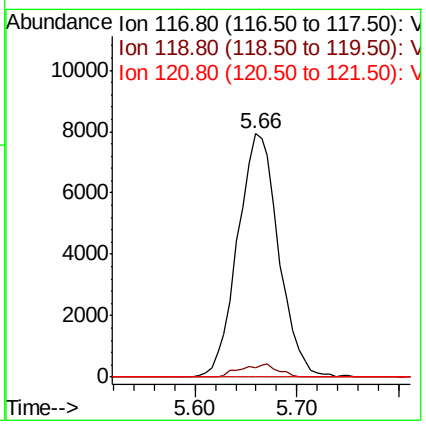


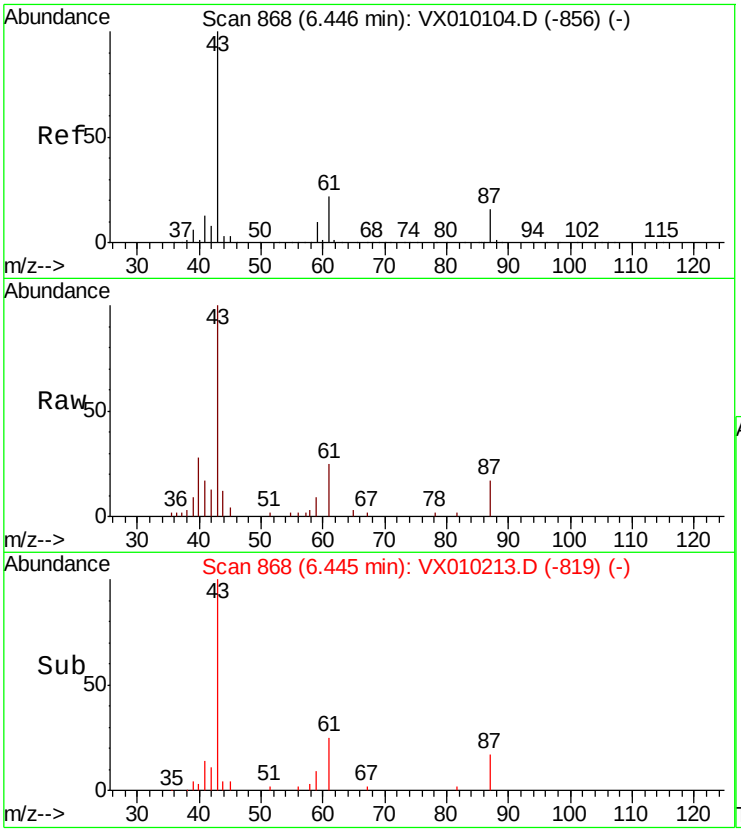


#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion:117 Resp: 22133

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.3	115.9#
121	0.0	25.4	38.0#



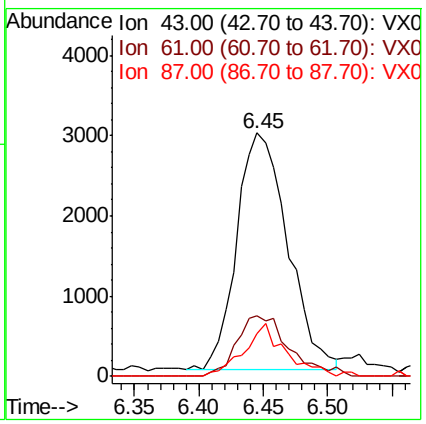


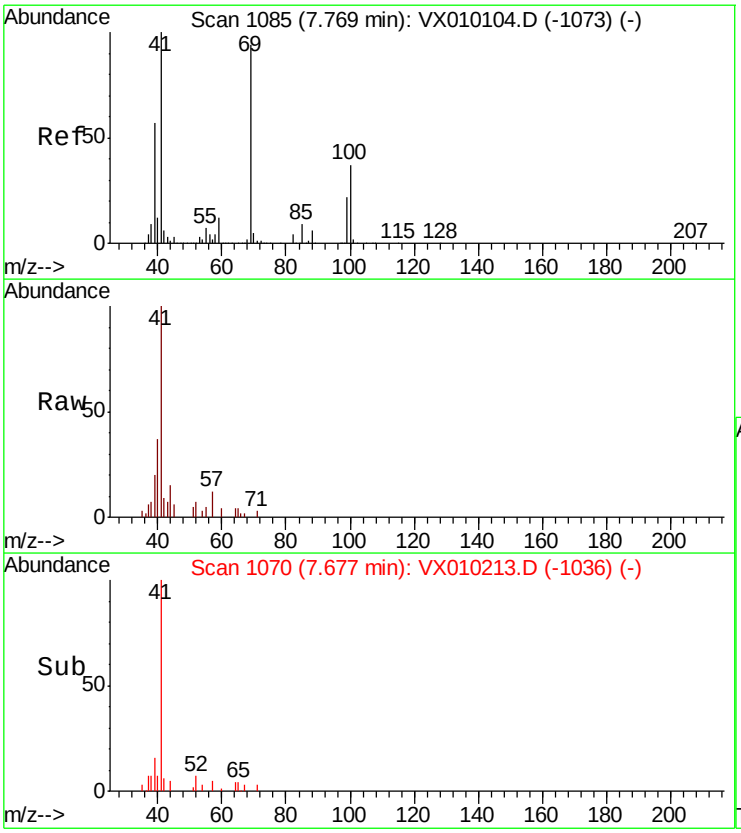
#43
Isopropyl Acetate
Concen: 1.434 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Tgt Ion: 43 Resp: 8069

Ion	Ratio	Lower	Upper
43	100		
61	26.5	14.6	21.8#
87	18.0	8.7	13.1#

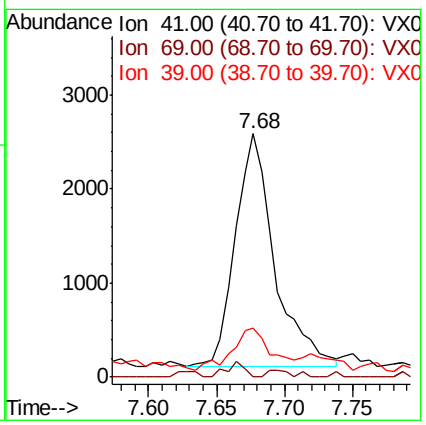


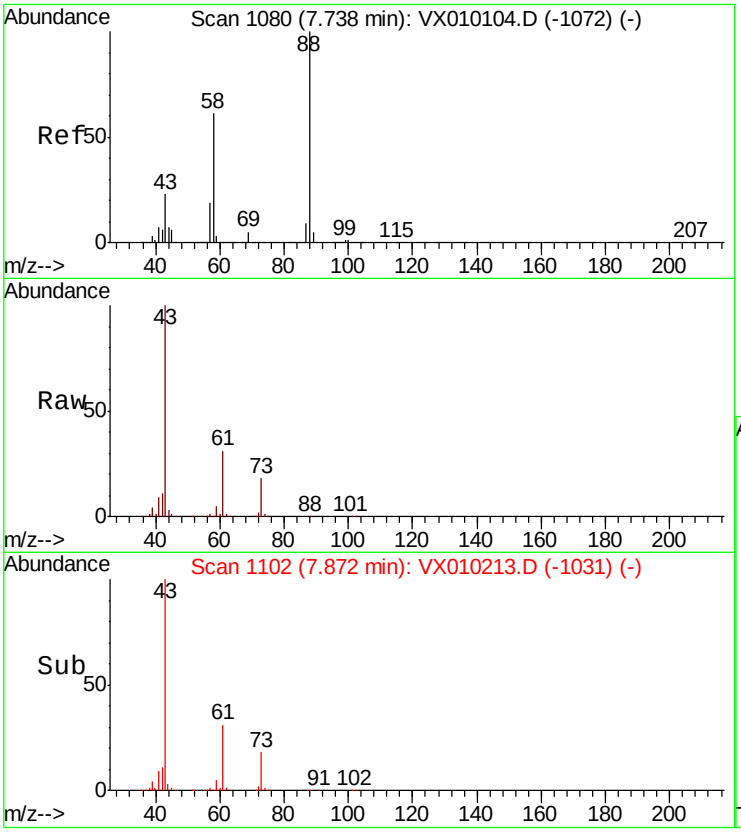


#48
Methyl methacrylate
Concen: 1.878 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 41 Resp: 4942

Ion	Ratio	Lower	Upper
41	100		
69	3.0	56.4	84.6#
39	17.8	40.6	60.8#



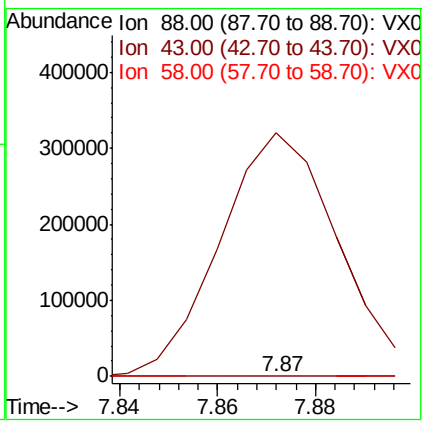


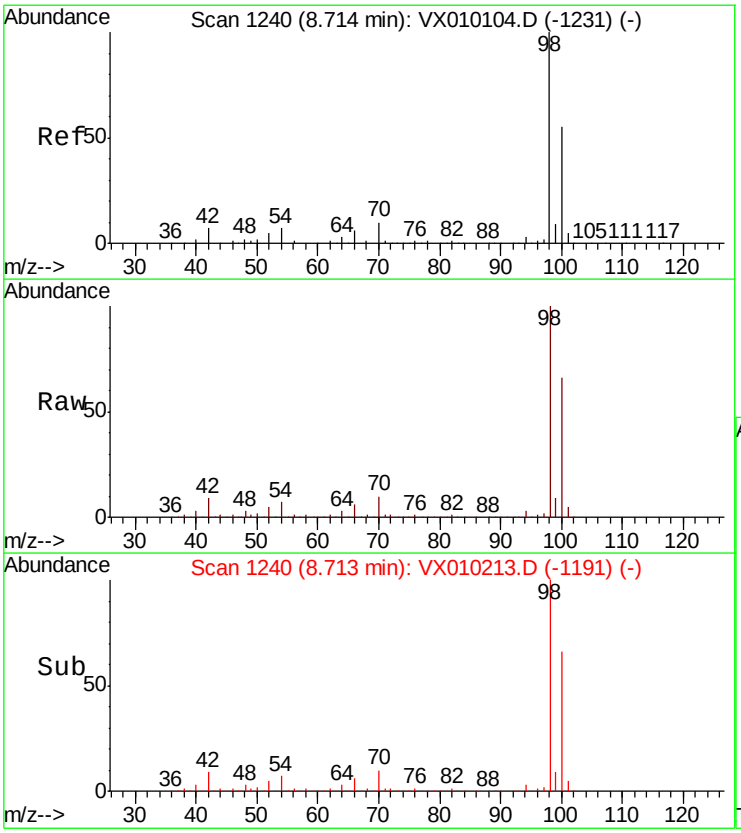
#49
1,4-Dioxane
Concen: 1.000 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument : MSVOA_X
ClientSampleId : SU-04-060719-A

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	725545.3	30.2	45.4#
58	3373.3	64.0	96.0#

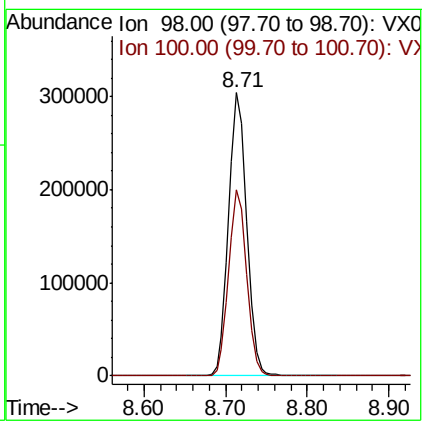


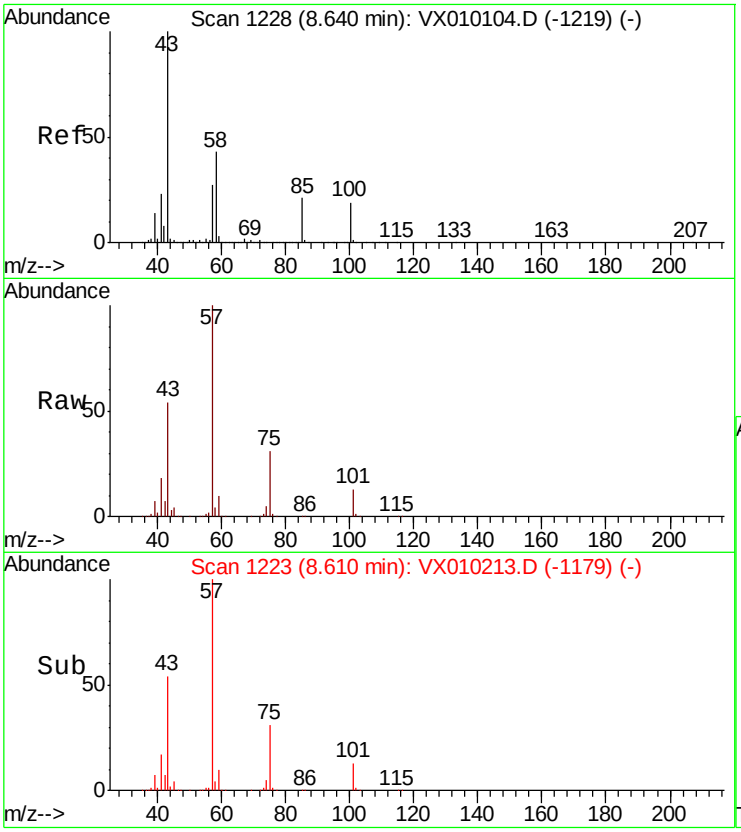


#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 98 Resp: 463342

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.5	77.3



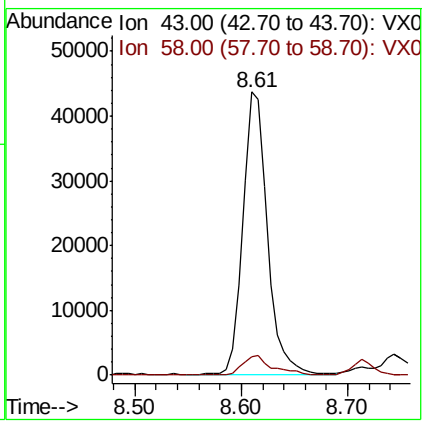


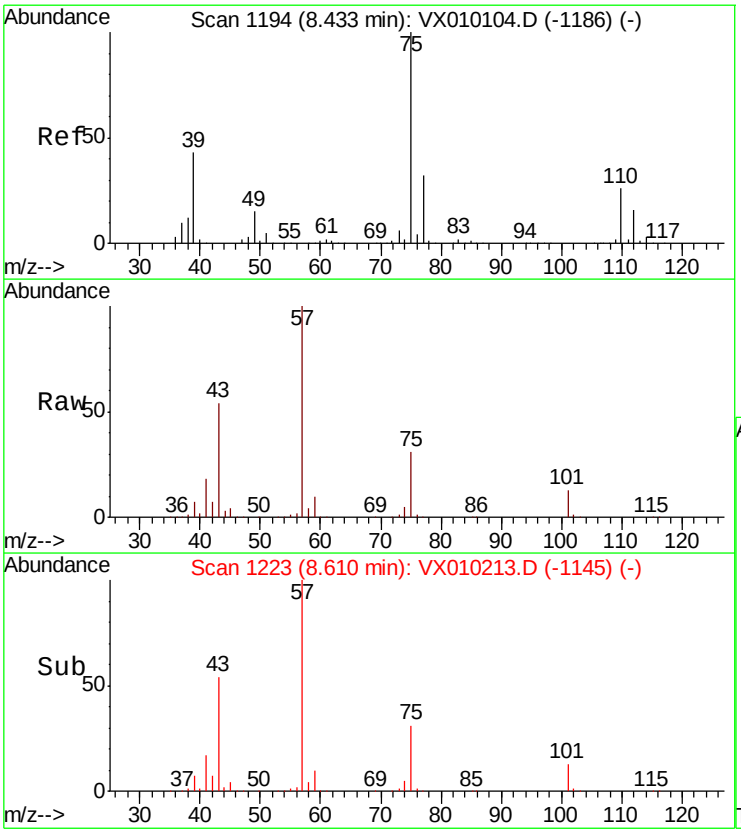
#51
4-Methyl-2-Pentanone
Concen: 20.924 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 43 Resp: 70336

Ion	Ratio	Lower	Upper
43	100		
58	8.5	28.8	43.2#

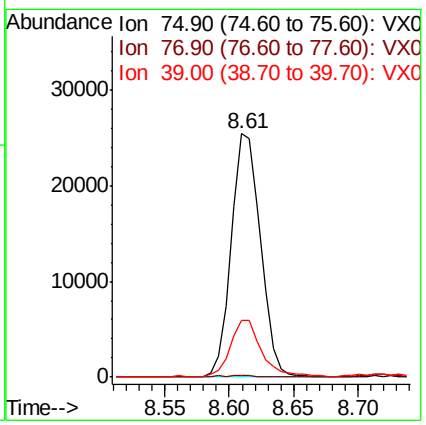


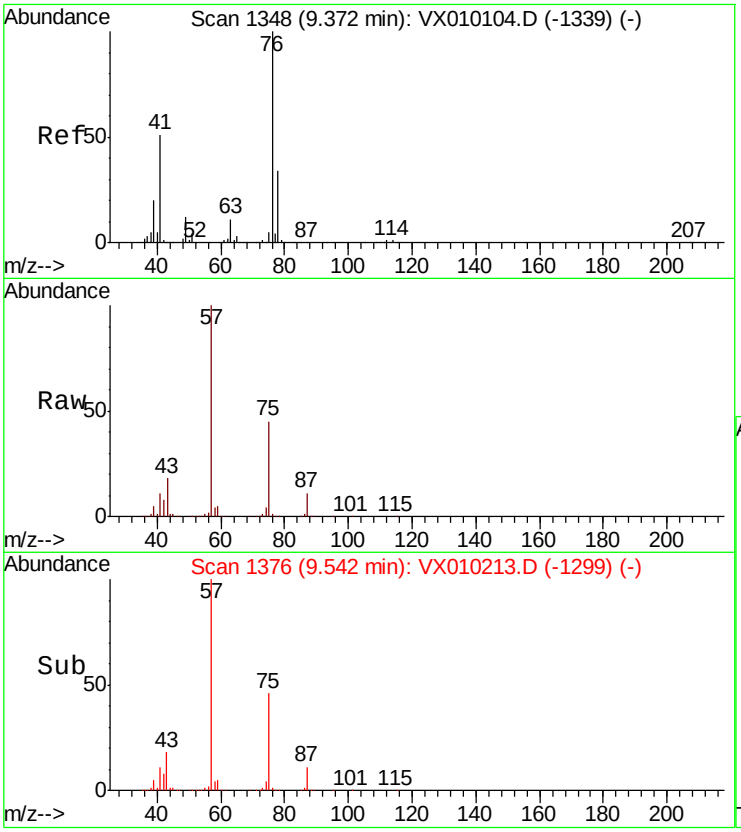


#54
cis-1,3-Dichloropropene
Concen: 9.280 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 75 Resp: 40329

Ion	Ratio	Lower	Upper
75	100		
77	0.9	24.8	37.2#
39	23.5	43.4	65.0#



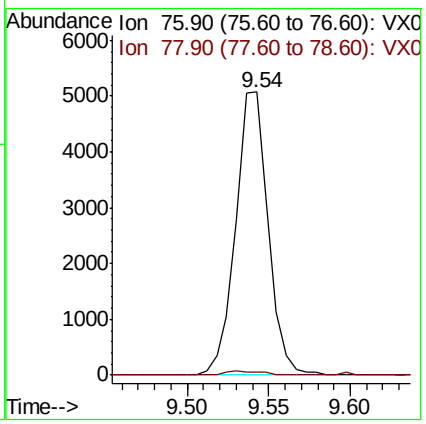


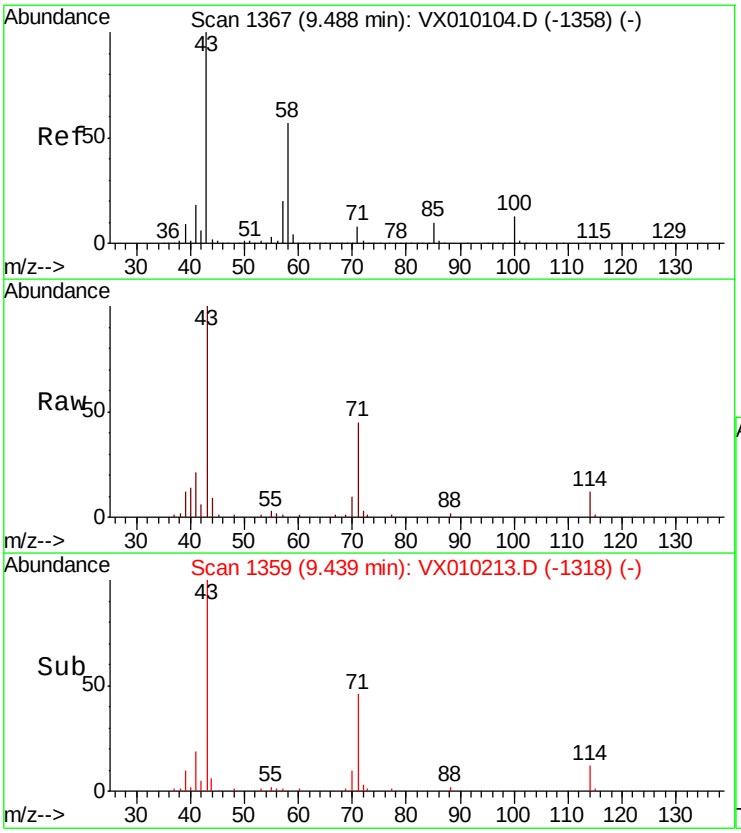
#57
1,3-Dichloropropane
Concen: 1.664 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 76 Resp: 7055

Ion	Ratio	Lower	Upper
76	100		
78	1.5	25.4	38.0#

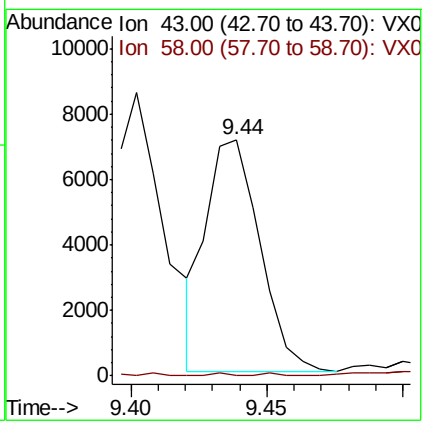


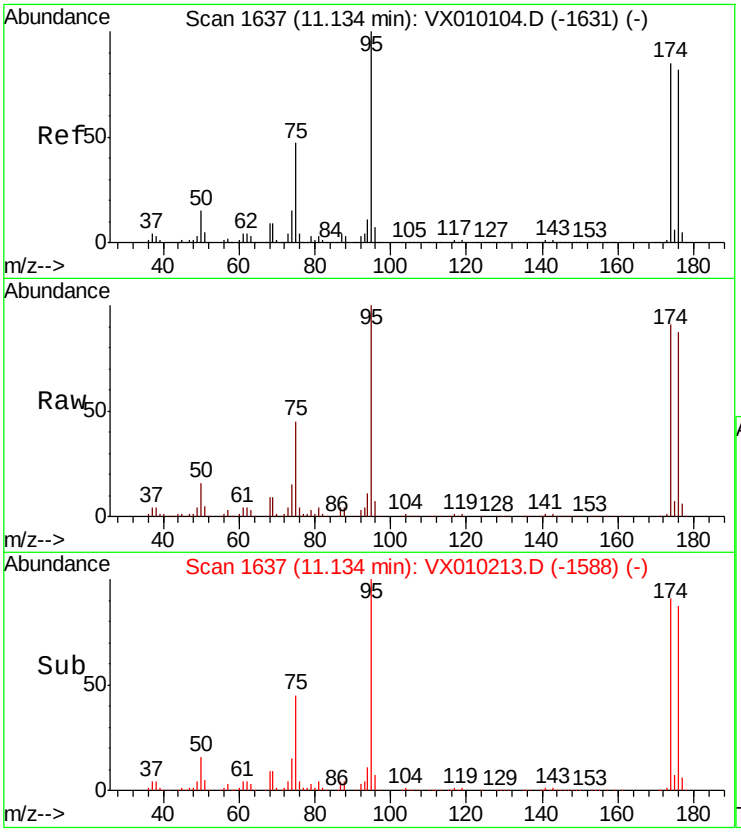


#59
2-Hexanone
Concen: 3.617 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 43 Resp: 9693

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.3#



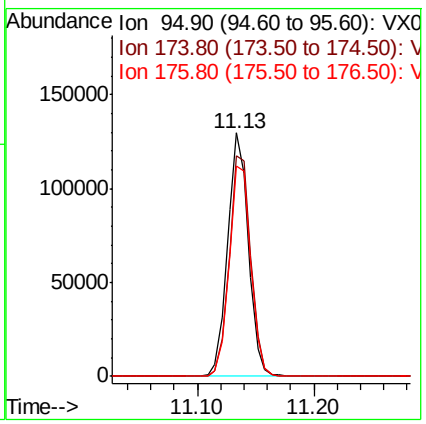


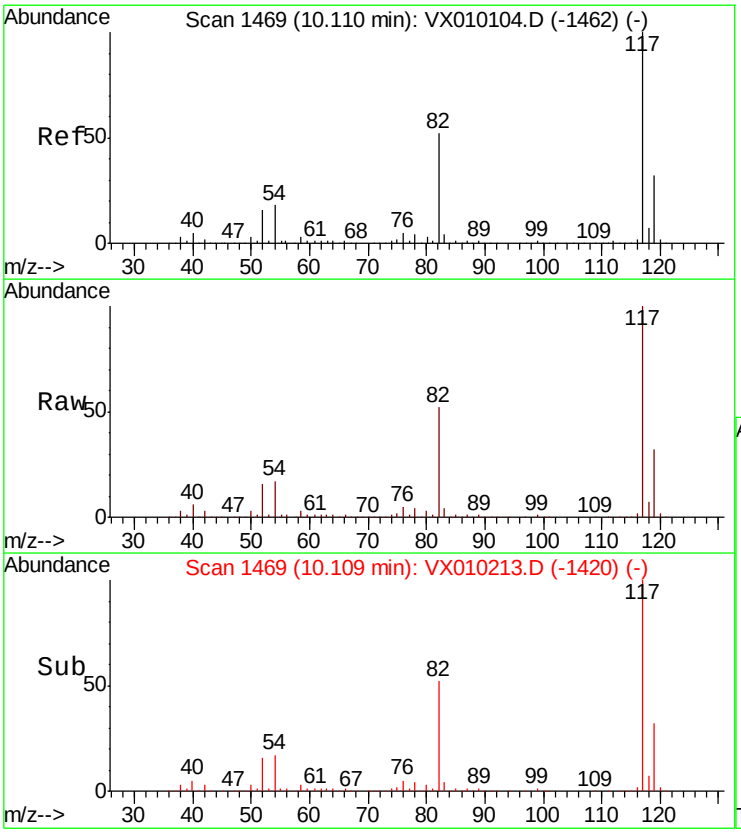
#62
4-Bromofluorobenzene
Concen: 46.911 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion: 95 Resp: 160568

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	160.4
176	90.8	0.0	154.6

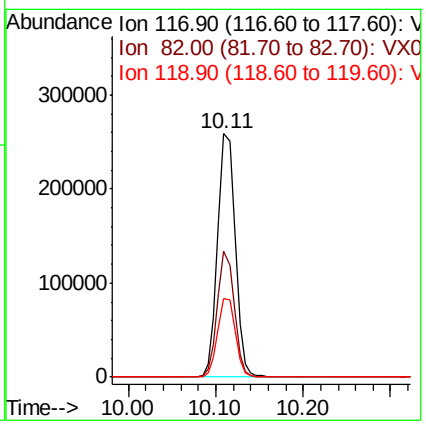


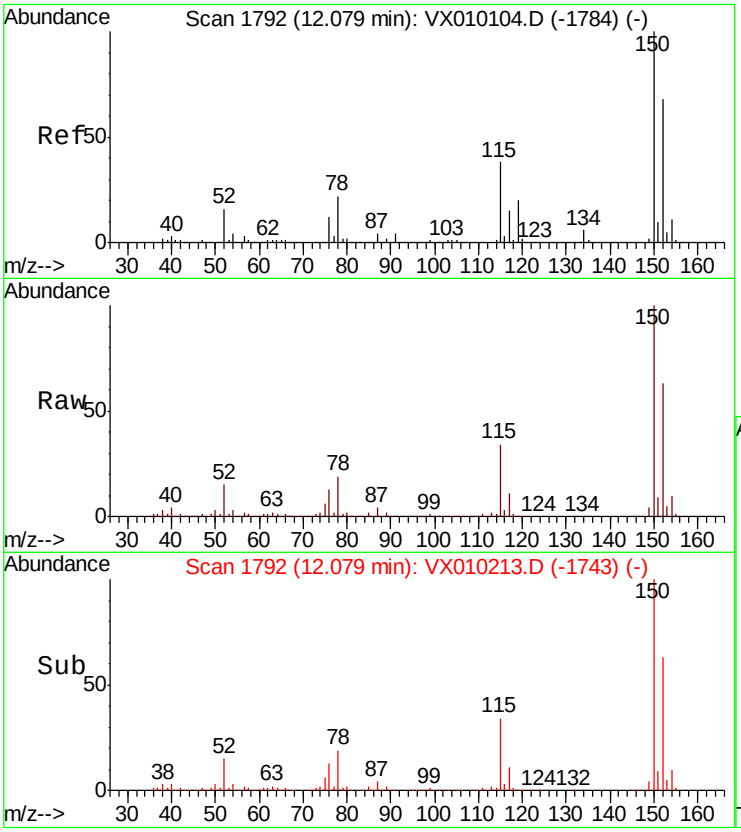


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion:117 Resp: 361973

Ion	Ratio	Lower	Upper
117	100		
82	51.6	49.2	73.8
119	32.2	25.2	37.8



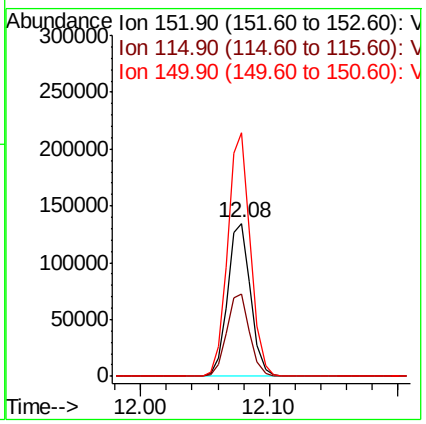


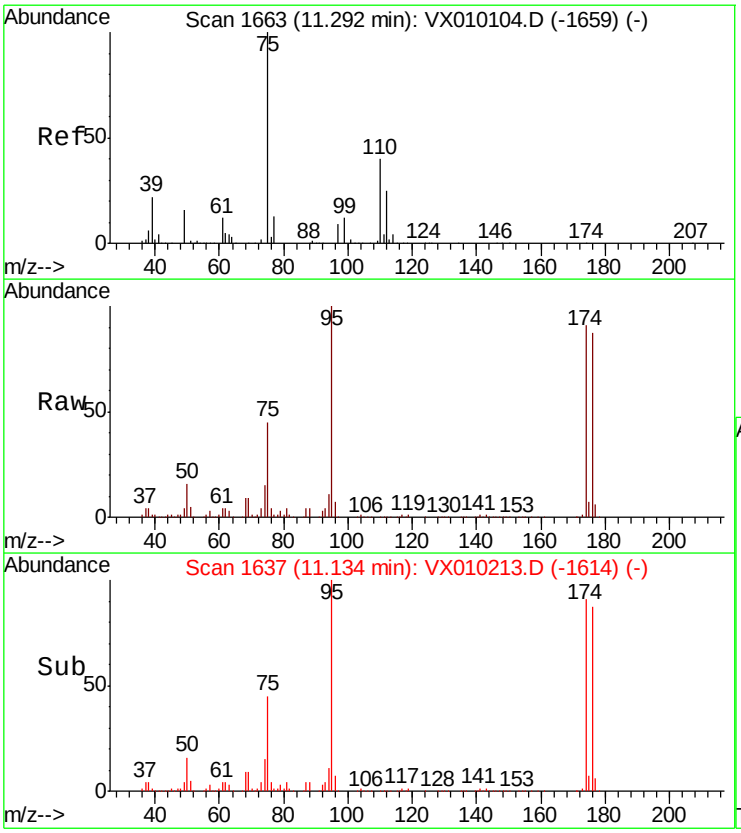
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion:152 Resp: 168581

Ion	Ratio	Lower	Upper
152	100		
115	53.7	41.4	124.2
150	157.3	0.0	345.2

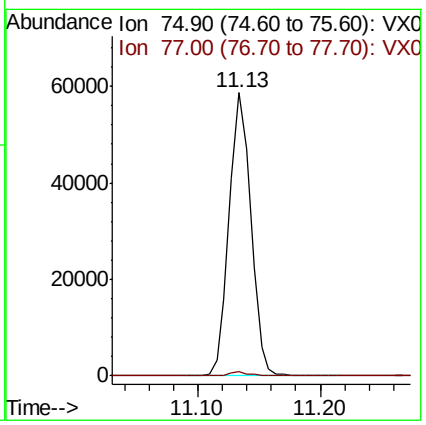


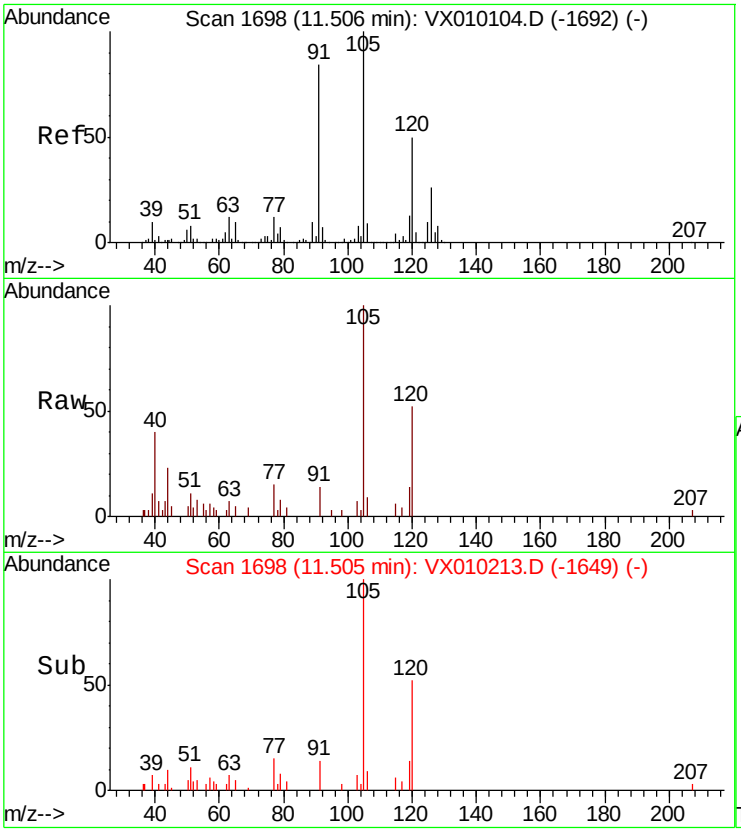


#76
1,2,3-Trichloropropane
Concen: 21.427 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 75 Resp: 72252

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.1	66.1#



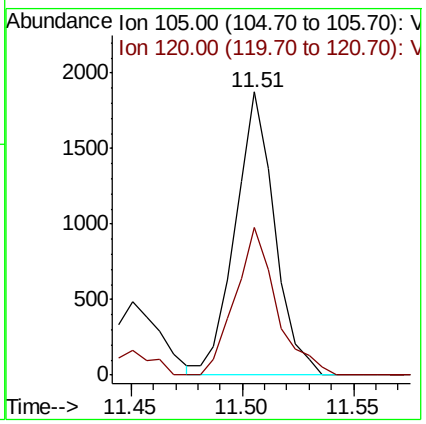


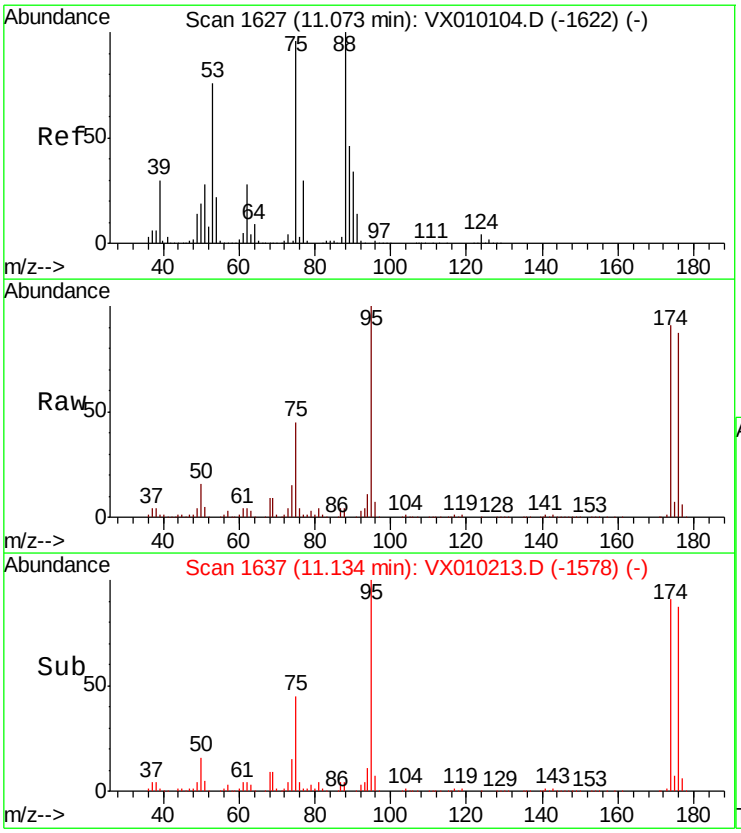
#80
1,3,5-Trimethylbenzene
Concen: 0.234 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion:105 Resp: 2316

Ion	Ratio	Lower	Upper
105	100		
120	54.7	24.1	72.3

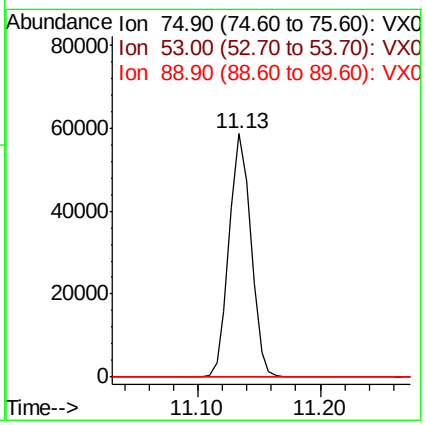


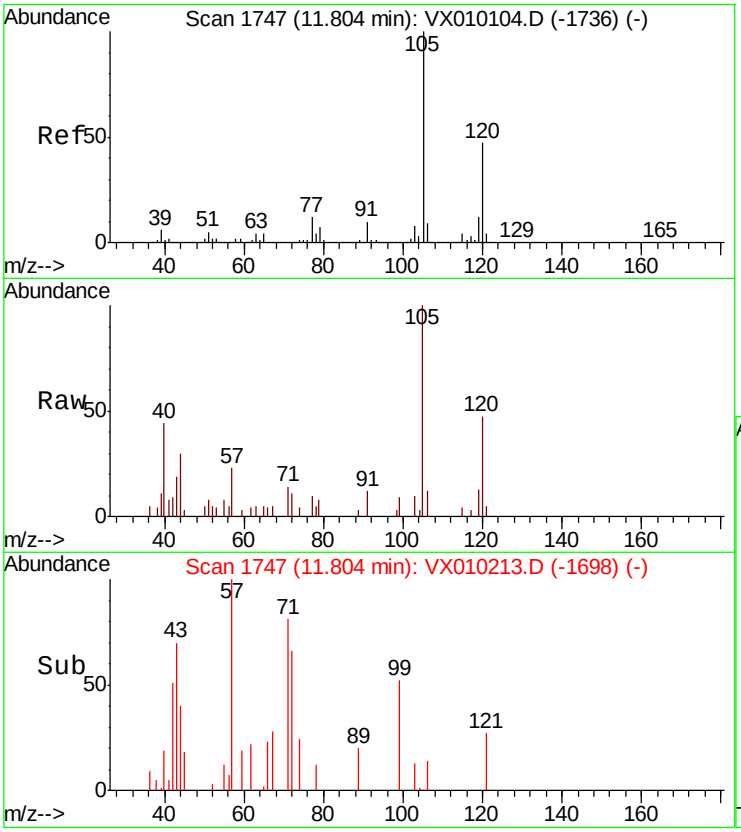


#81
trans-1,4-Dichloro-2-butene
Concen: 47.342 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion: 75 Resp: 72252

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



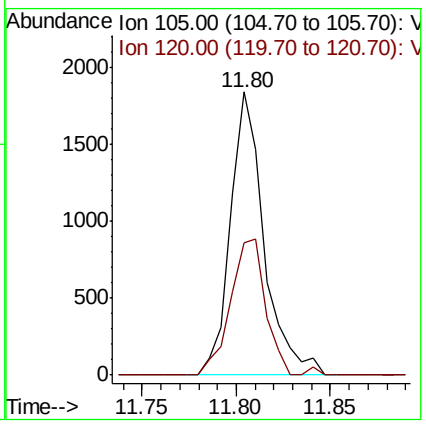


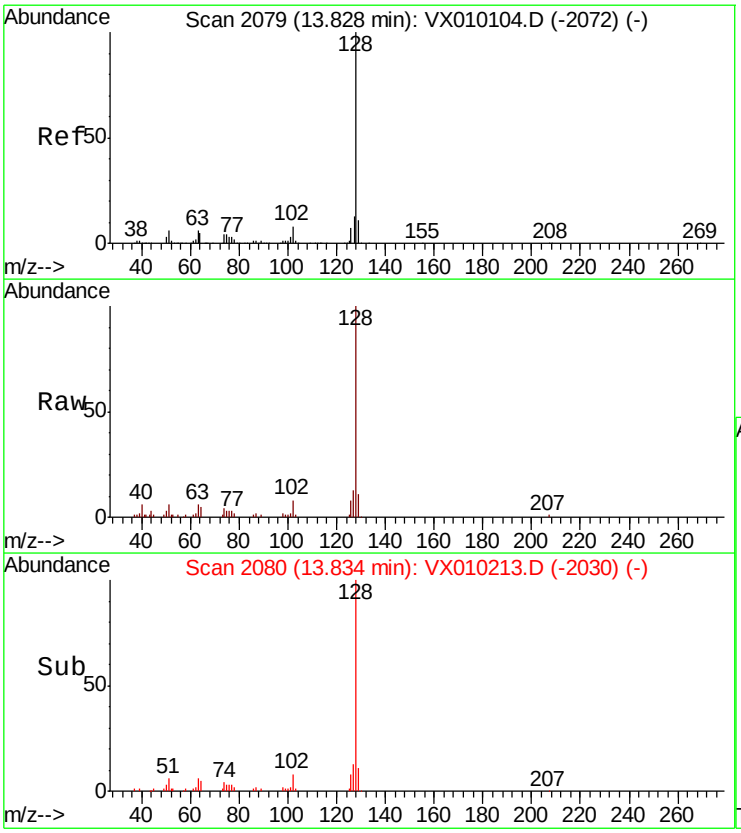
#84
1,2,4-Trimethylbenzene
Concen: 0.227 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Instrument :
MSVOA_X
ClientSampleId :
SU-04-060719-A

Tgt Ion:105 Resp: 2269

Ion	Ratio	Lower	Upper
105	100		
120	49.9	22.1	66.1





#95
Naphthalene
Concen: 1.190 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010213.D
Acq: 11 Jun 2019 06:10

Tgt Ion:128 Resp: 15191

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.2	8.8	13.2