Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010520.D
Acq On : 28 Jun 2019 05:21
Operator : JC/SP
Sample : K3159-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Quant Time: Jun 28 06:57:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	362711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118980	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
35) Dibromofluoromethane	5.50	113	119696	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.56%			
50) Toluene-d8	8.71	98	466928	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.52%			
62) 4-Bromofluorobenzene	11.13	95	156911	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
Target Compounds						Qvalue
6) Chloroethane	1.70	64	332	0.248	ug/l	95
11) Tert butyl alcohol	3.03	59	593	0.944	ug/l #	67
13) Acrolein	2.29	56	149	0.358	ug/l #	1
16) Acetone	2.45	43	6600	5.488	ug/l	96
18) Methyl Acetate	2.78	43	2083	0.869	ug/l #	61
20) Methylene Chloride	2.86	84	23554	9.517	ug/l	93
25) 2-Butanone	4.69	43	2097	1.189	ug/l #	60
30) Chloroform	5.21	83	1875	0.458	ug/l	90
31) Cyclohexane	5.66	56	4561	1.316	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	15461	4.951	ug/l #	47
38) Carbon Tetrachloride	5.67	117	22521	6.660	ug/l #	15
41) Methacrylonitrile	5.07	41	391	0.222	ug/l #	43
43) Isopropyl Acetate	6.45	43	11032	2.076	ug/l	99
47) Bromodichloromethane	7.90	83	677	0.210	ug/l #	93
48) Methyl methacrylate	7.67	41	5950	2.408	ug/l #	10
49) 1,4-Dioxane	7.73	88	23	0.323	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	77168	22.700	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	42669	10.841	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	10536	2.569	ug/l #	43
59) 2-Hexanone	9.44	43	9901	3.701	ug/l #	22
68) m/p-Xylenes	10.36	106	972	0.202	ug/l	82
76) 1,2,3-Trichloropropane	11.13	75	73896	24.084	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2455	0.261	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	73896	56.187	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.80	105	3061	0.324	ug/l	91
95) Naphthalene	13.83	128	125860	10.681	ug/l	100

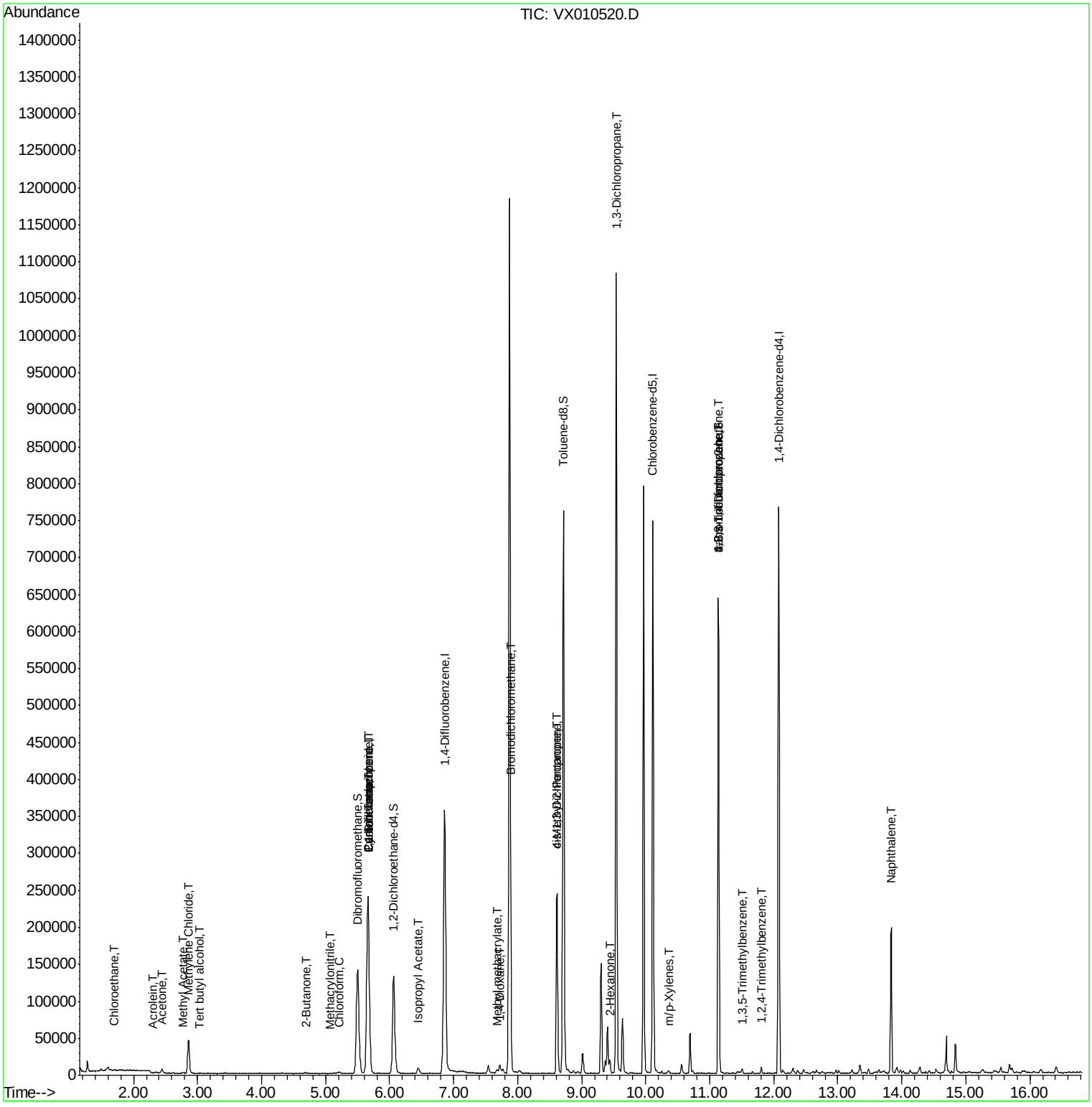
(#) = qualifier out of range (m) = manual integration (+) = signals summed

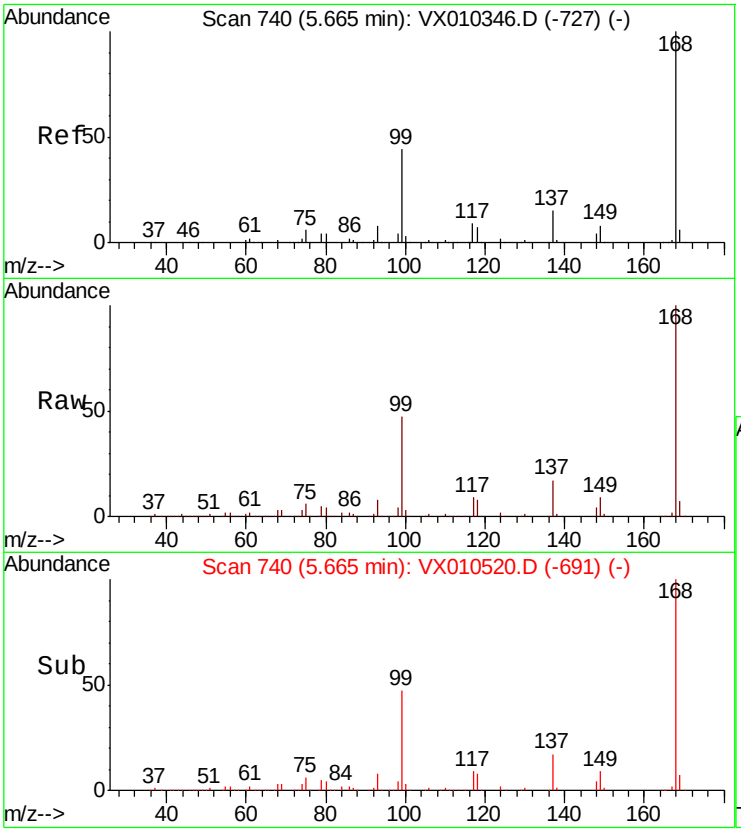
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010520.D
Acq On : 28 Jun 2019 05:21
Operator : JC/SP
Sample : K3159-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Quant Time: Jun 28 06:57:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



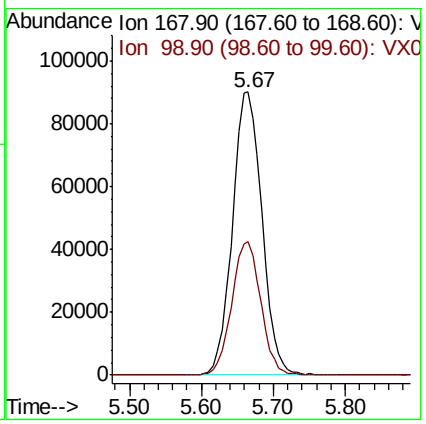


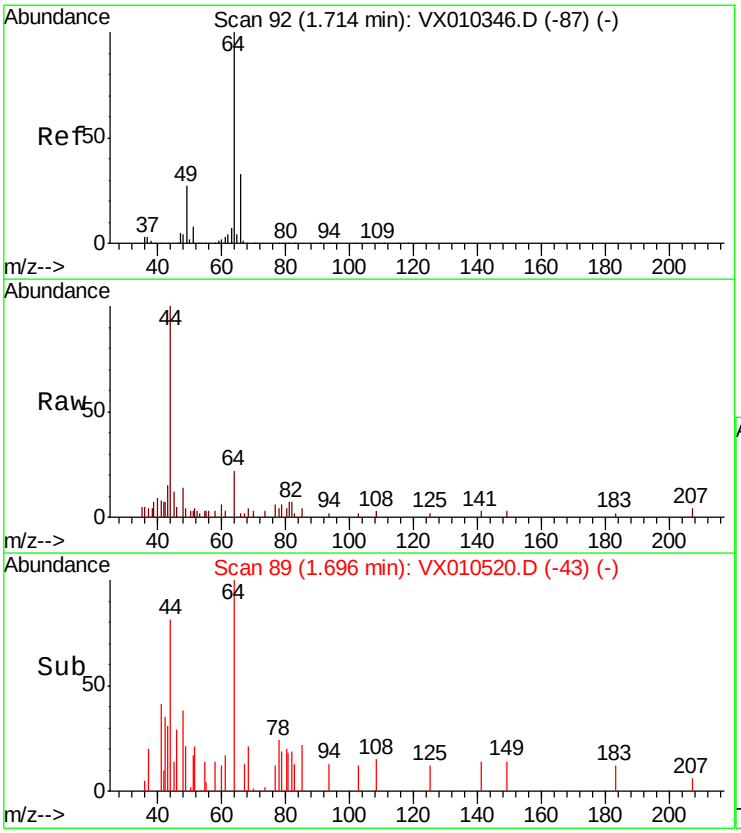
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:168 Resp: 255932

Ion	Ratio	Lower	Upper
168	100		
99	47.0	35.5	53.3

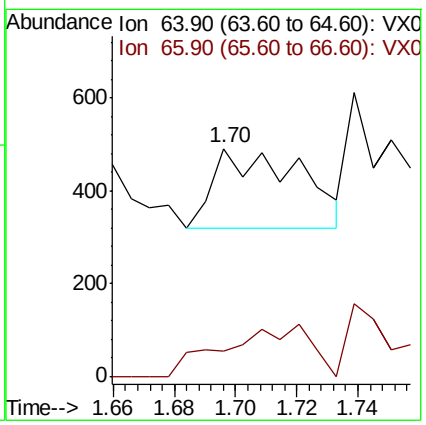


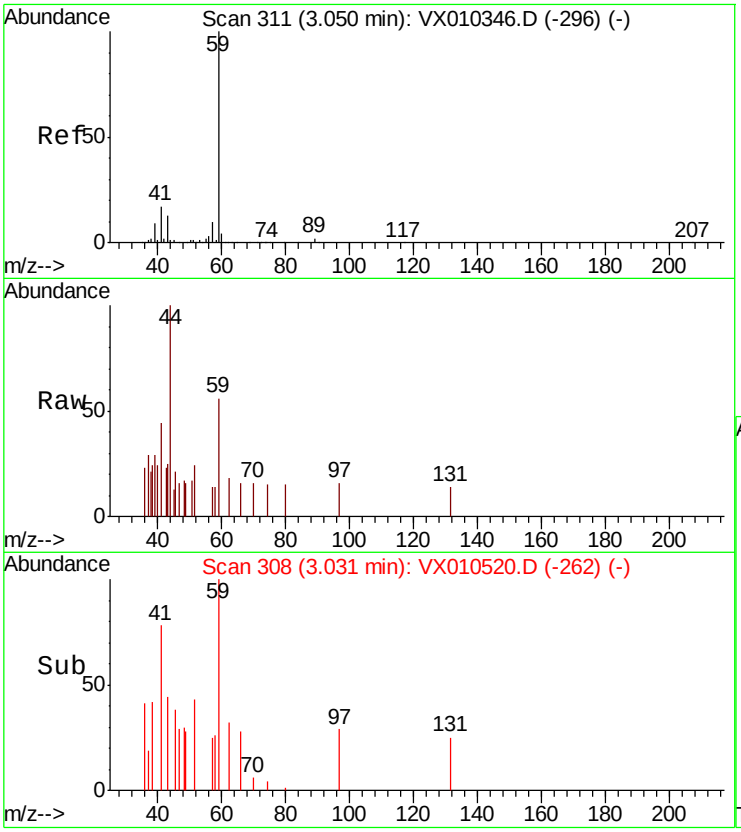


#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 64 Resp: 332

Ion	Ratio	Lower	Upper
64	100		
66	30.6	26.6	40.0



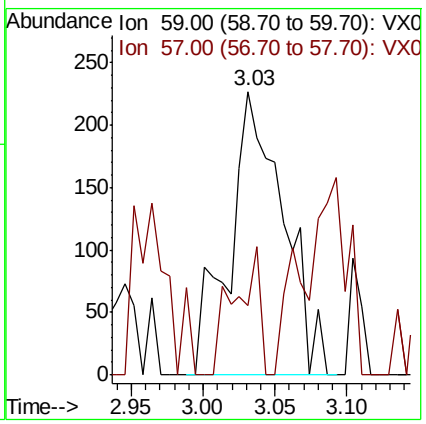


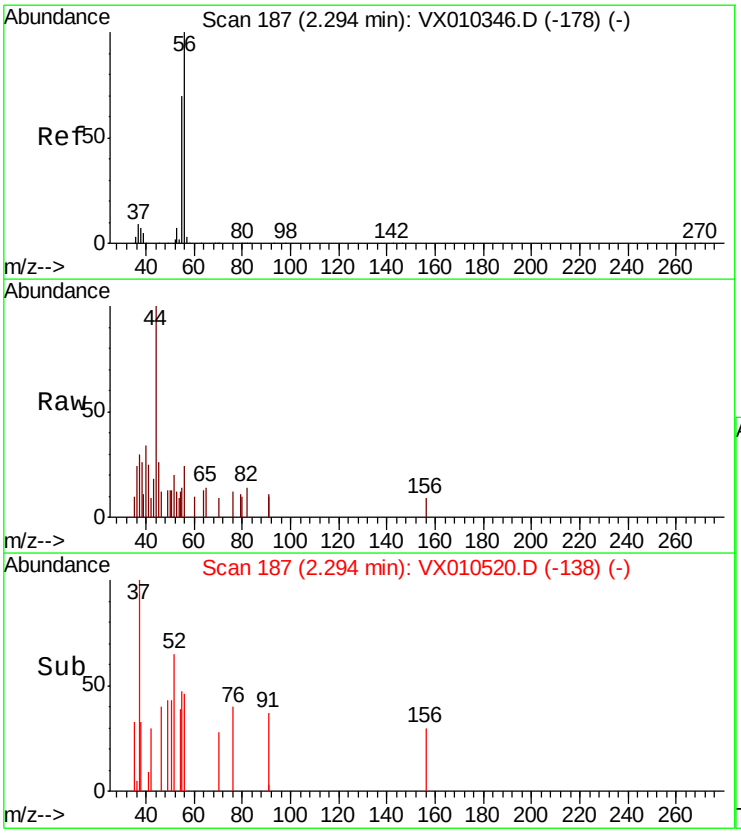
#11
Tert butyl alcohol
Concen: 0.944 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Tgt Ion: 59 Resp: 593

Ion	Ratio	Lower	Upper
59	100		
57	21.6	7.7	11.5#

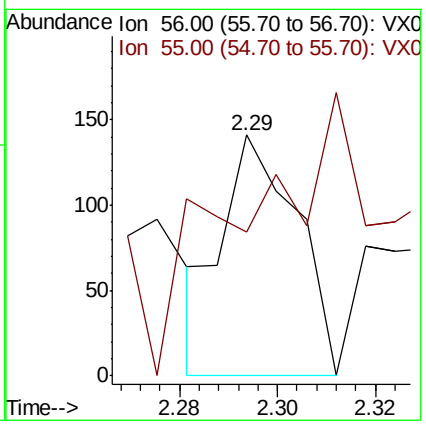


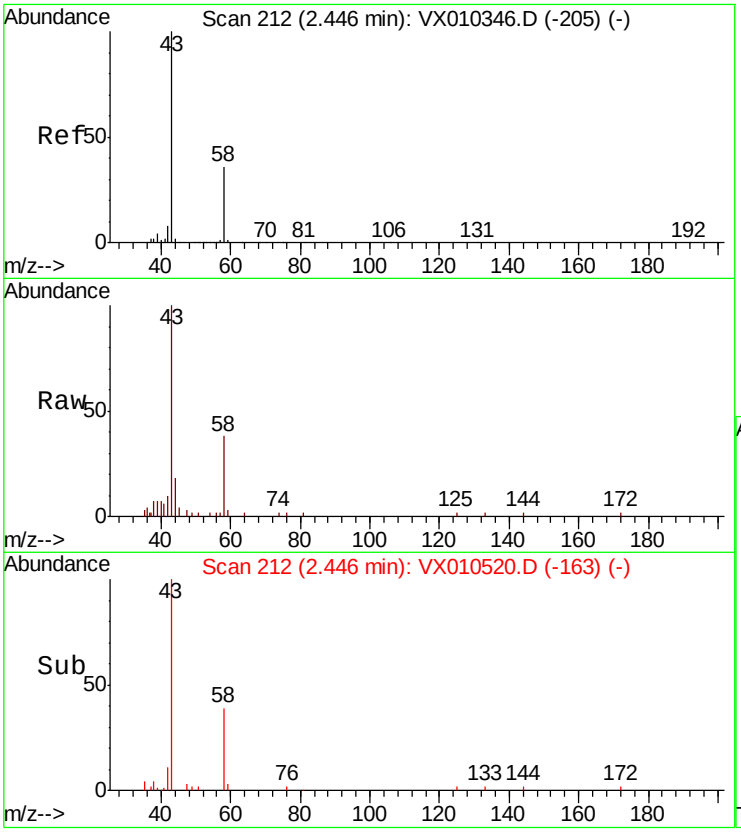


#13
Acrolein
Concen: 0.358 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 56 Resp: 149

Ion	Ratio	Lower	Upper
56	100		
55	204.0	56.9	85.3#



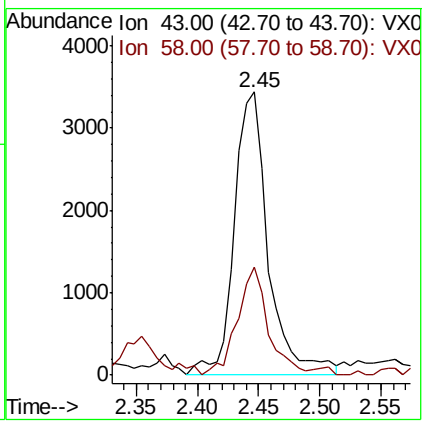


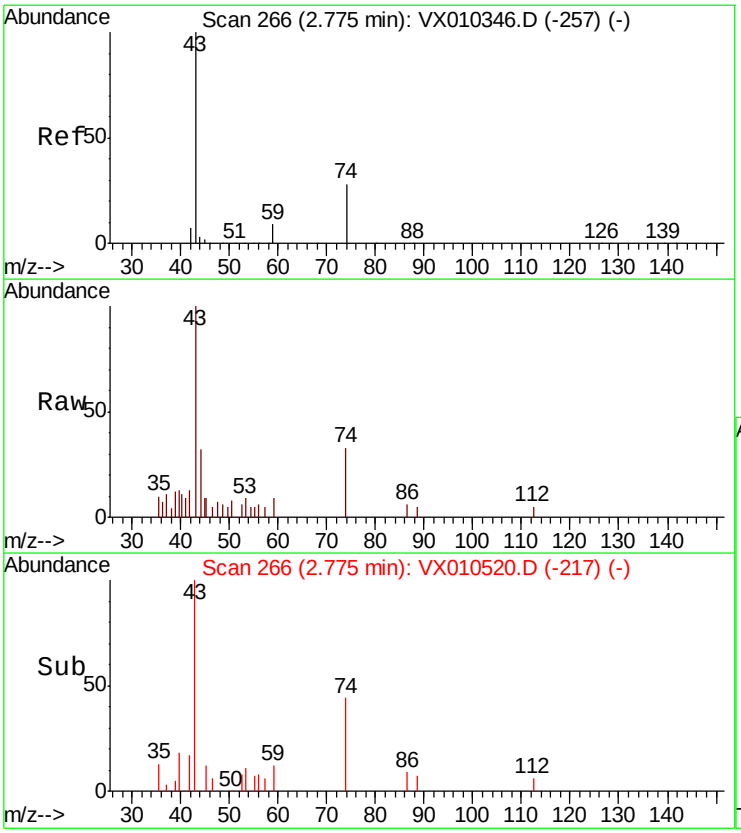
#16
Acetone
Concen: 5.488 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 43 Resp: 6600

Ion	Ratio	Lower	Upper
43	100		
58	38.2	28.9	43.3

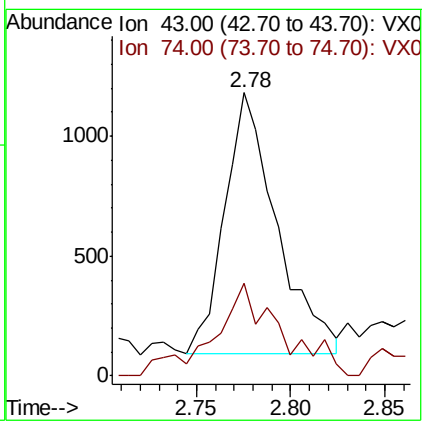


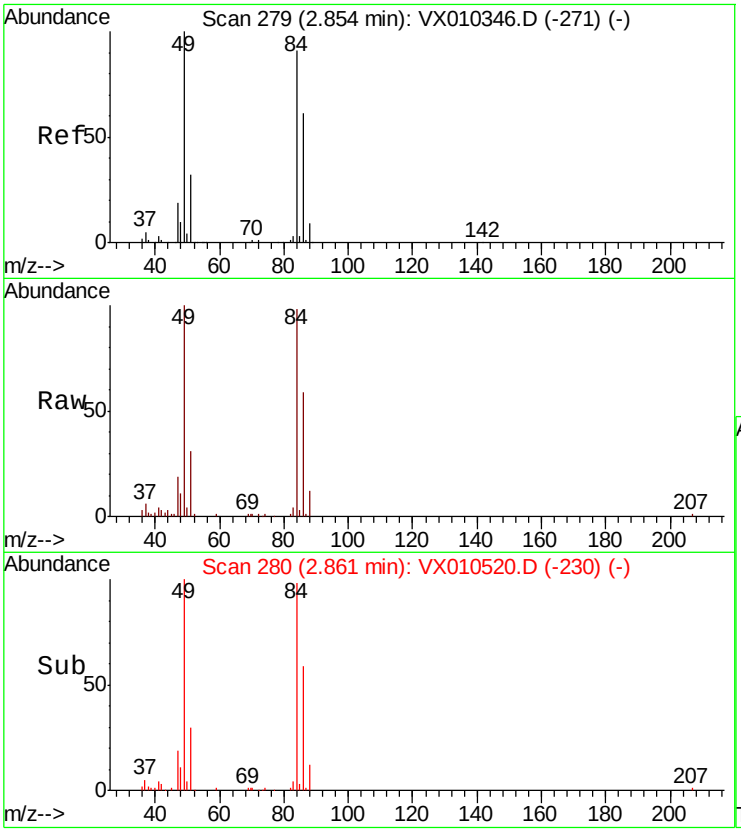


#18
Methyl Acetate
Concen: 0.869 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 43 Resp: 2083

Ion	Ratio	Lower	Upper
43	100		
74	46.5	21.3	31.9#



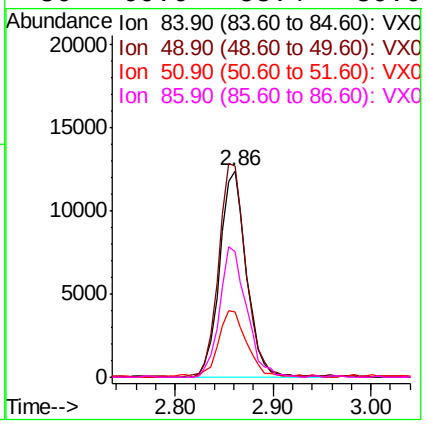


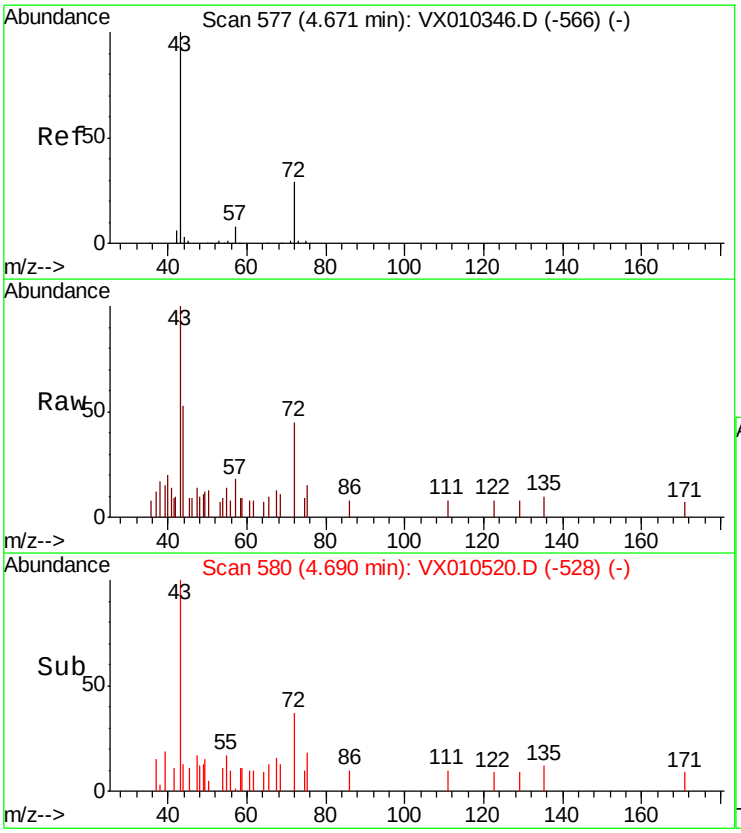
#20
Methylene Chloride
Concen: 9.517 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Tgt Ion: 84 Resp: 23554

Ion	Ratio	Lower	Upper
84	100		
49	101.5	87.5	131.3
51	31.8	27.7	41.5
86	60.6	53.4	80.0

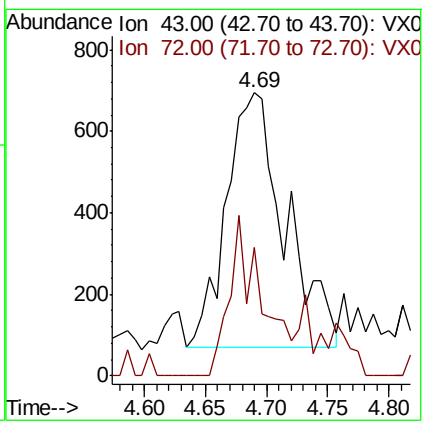


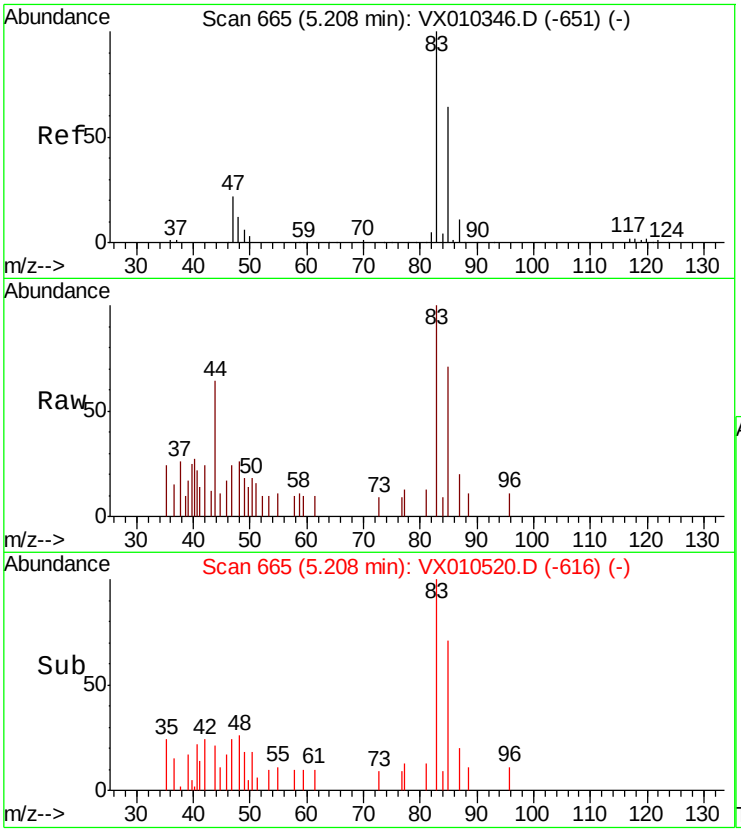


#25
2-Butanone
Concen: 1.189 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 43 Resp: 2097

Ion	Ratio	Lower	Upper
43	100		
72	50.2	23.3	34.9#



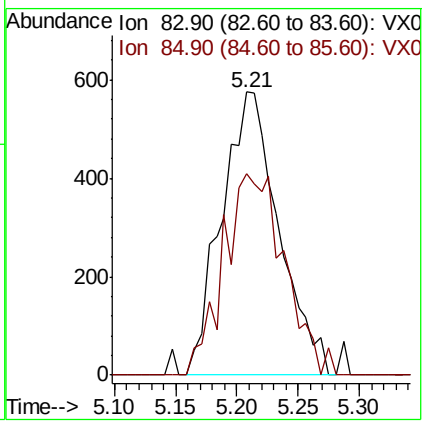


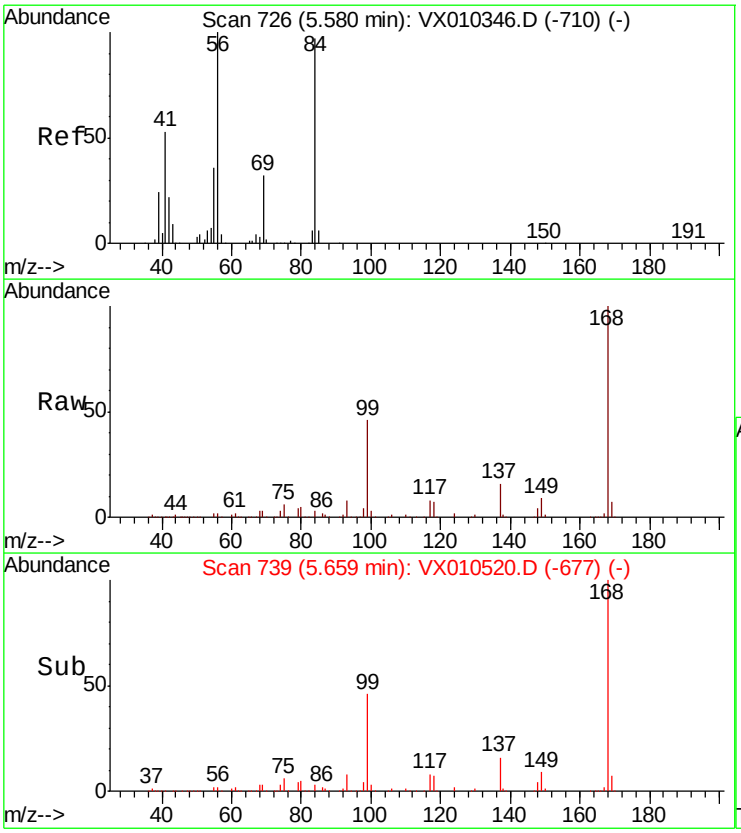
#30
Chloroform
Concen: 0.458 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 83 Resp: 1875

Ion	Ratio	Lower	Upper
83	100		
85	71.1	50.9	76.3

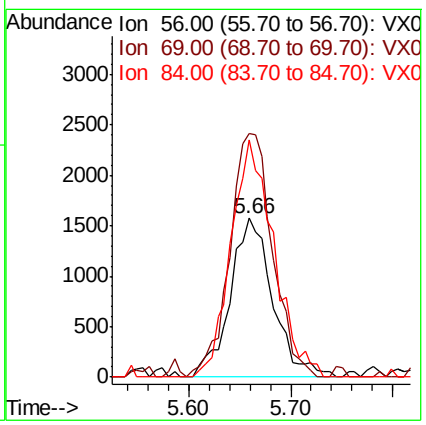


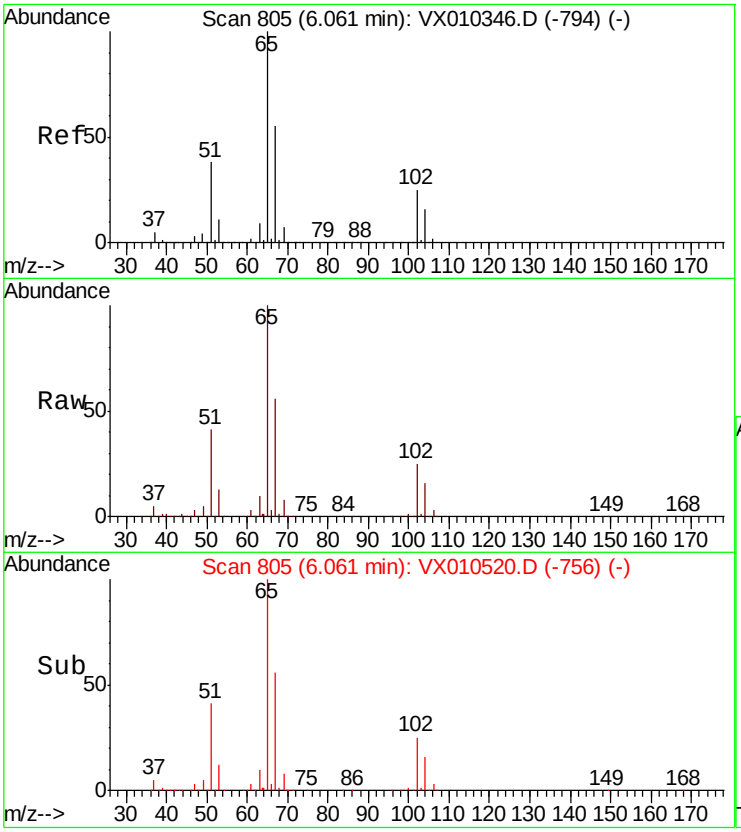


#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 56 Resp: 4561

Ion	Ratio	Lower	Upper
56	100		
69	153.5	25.9	38.9#
84	149.7	78.0	117.0#



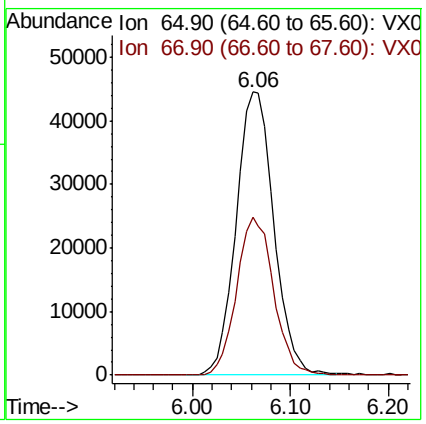


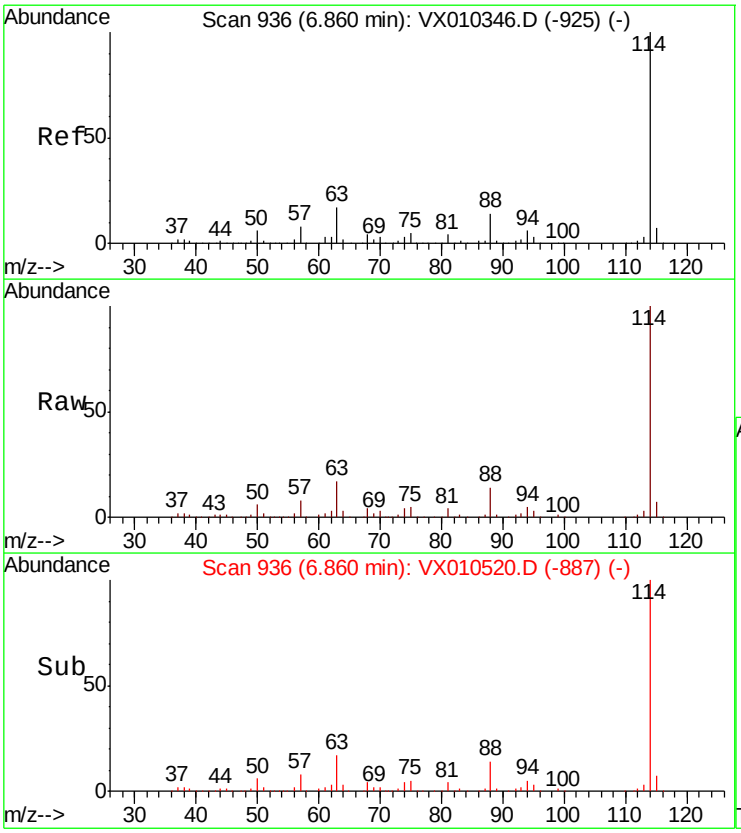
#33
1,2-Dichloroethane-d4
Concen: 49.583 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 65 Resp: 118980

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.2

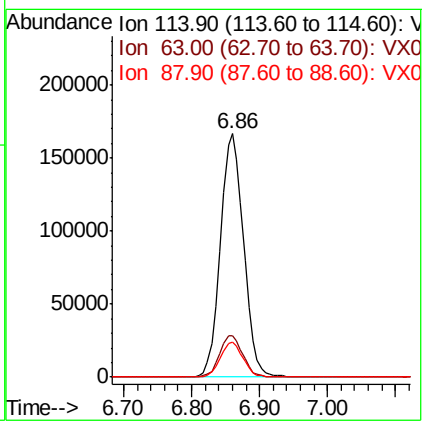


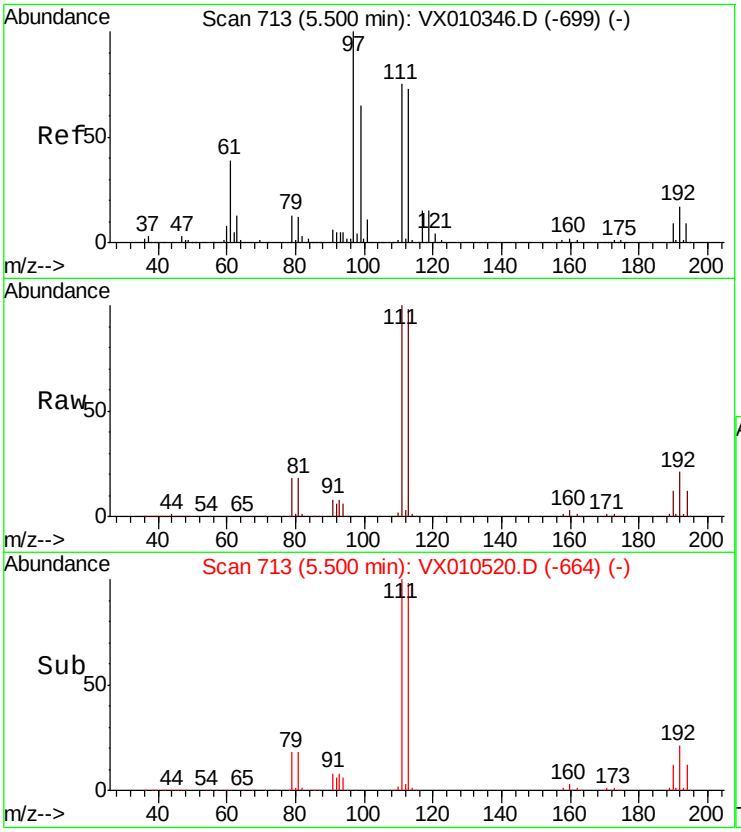


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion:114 Resp: 392976

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.8
88	14.3	0.0	27.6



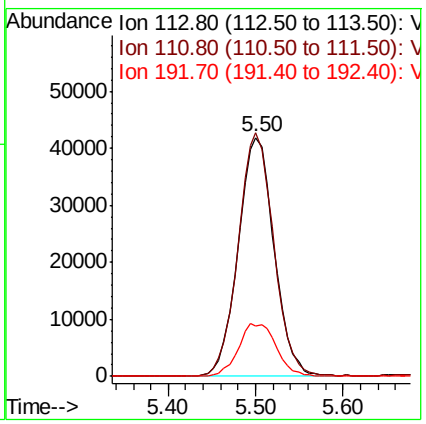


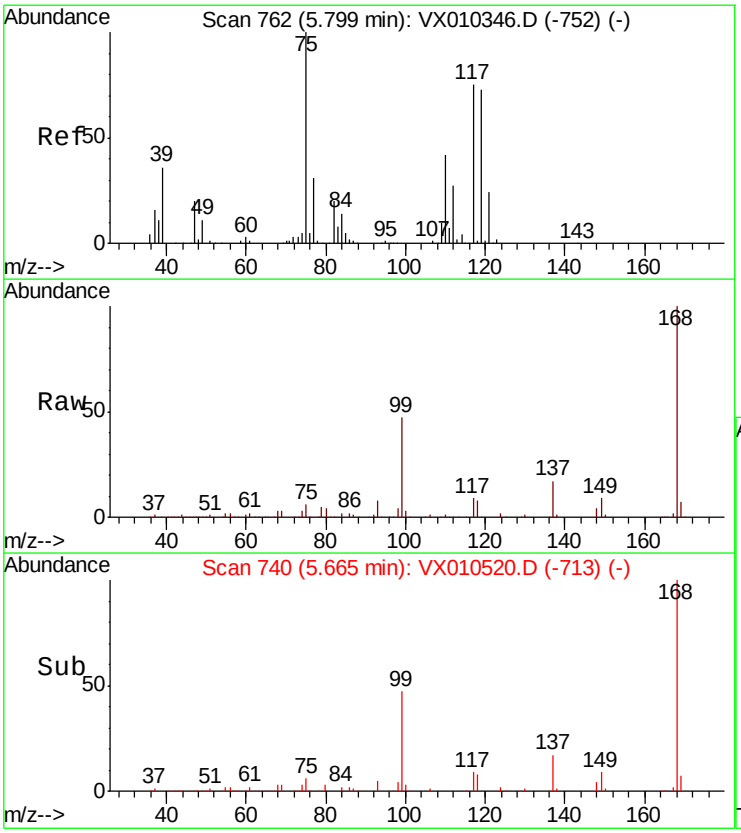
#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:113 Resp: 119696

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.2	121.8
192	23.1	18.6	27.8

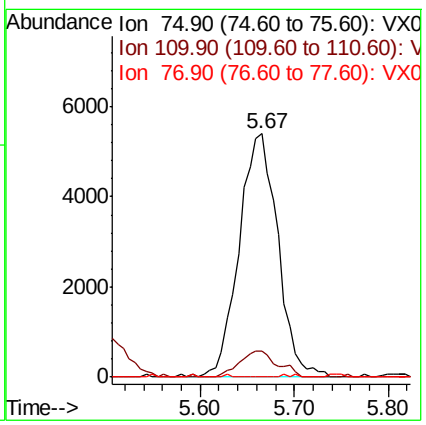


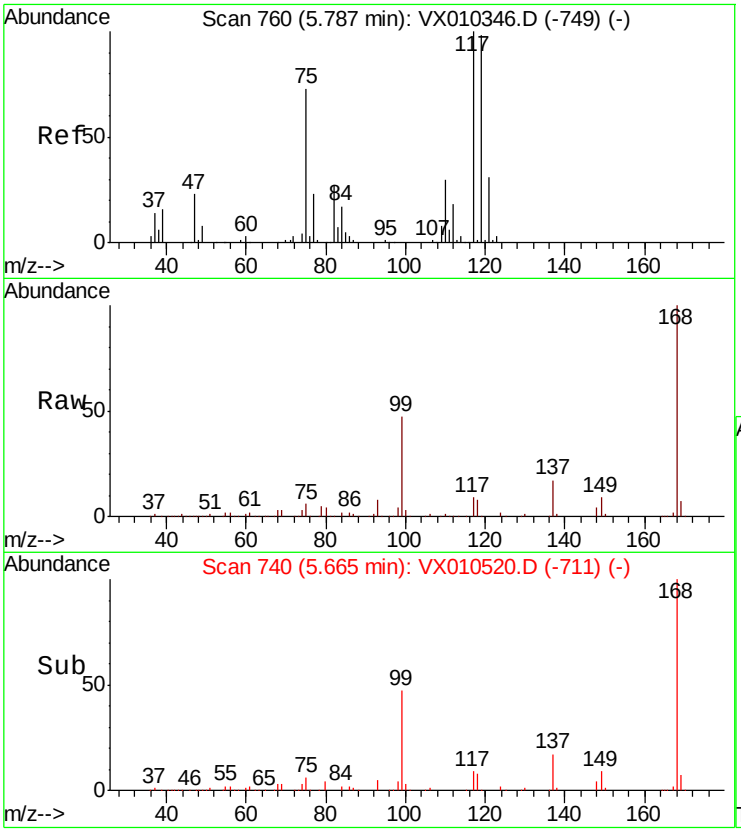


#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 75 Resp: 15461

Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.8	62.2#
77	0.0	25.4	38.0#



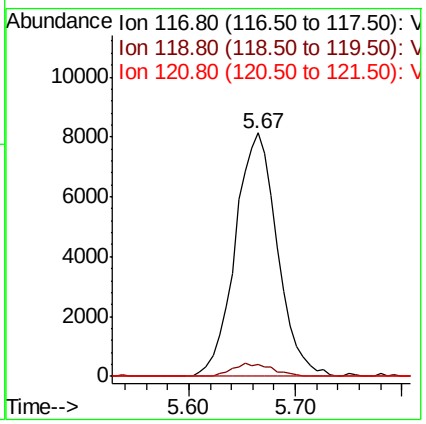


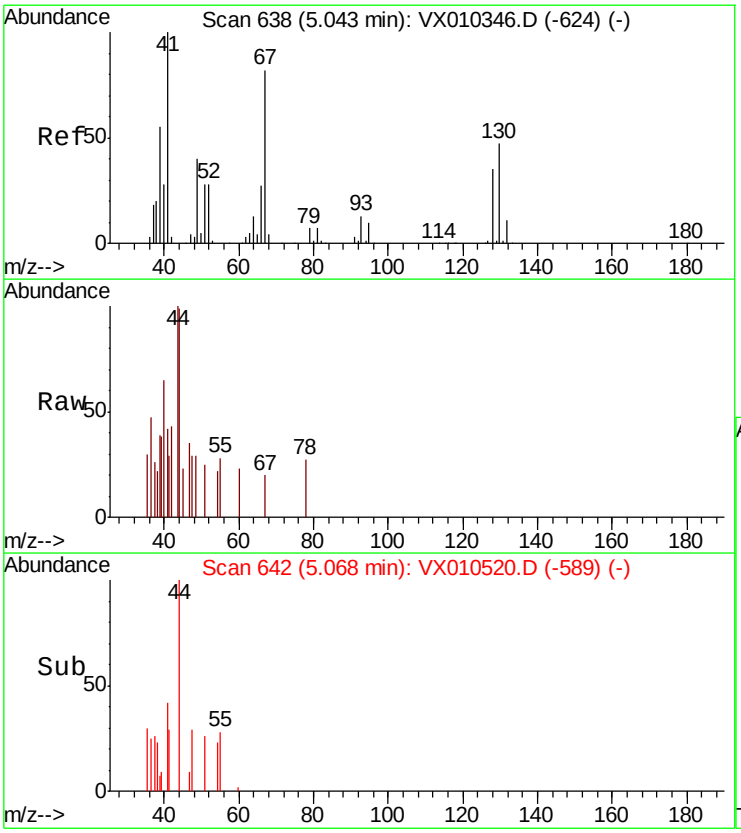
#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Tgt Ion:117 Resp: 22521

Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.2	117.4#
121	0.0	24.7	37.1#

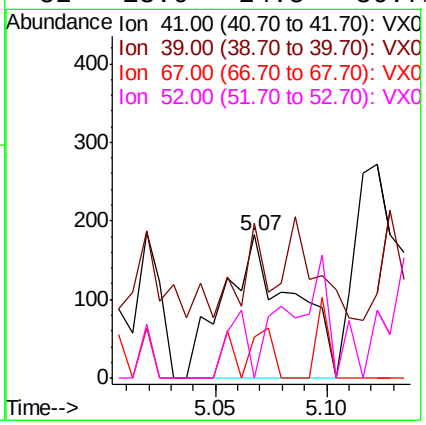


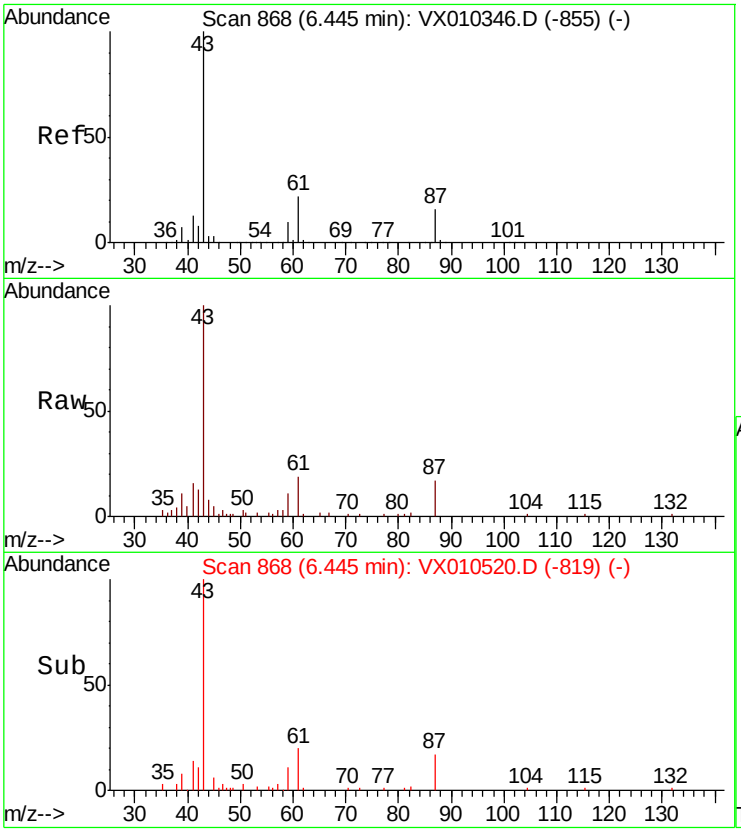


#41
Methacrylonitrile
Concen: 0.222 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.02 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 41 Resp: 391

Ion	Ratio	Lower	Upper
41	100		
39	21.0	43.8	65.8#
67	16.6	66.6	100.0#
52	13.6	24.5	36.7#



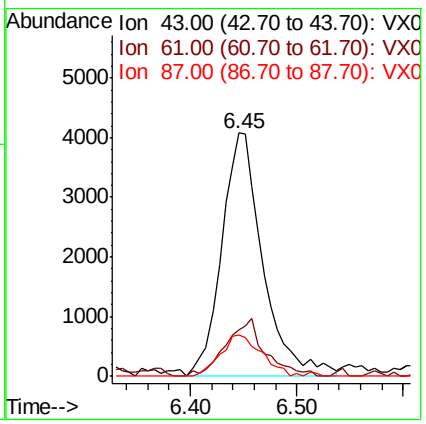


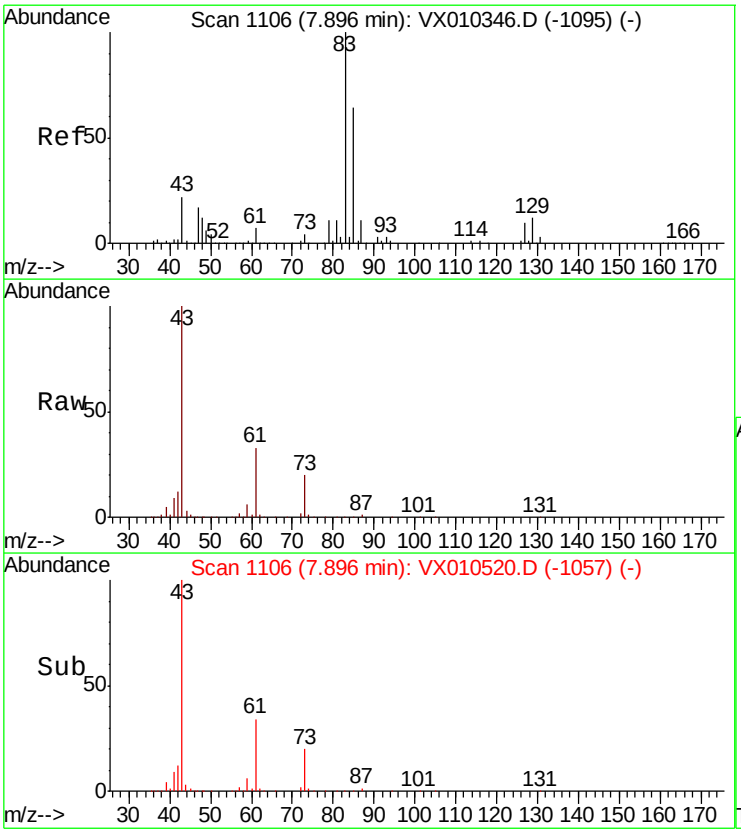
#43
Isopropyl Acetate
Concen: 2.076 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 43 Resp: 11032

Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.8	26.6
87	17.1	13.0	19.4

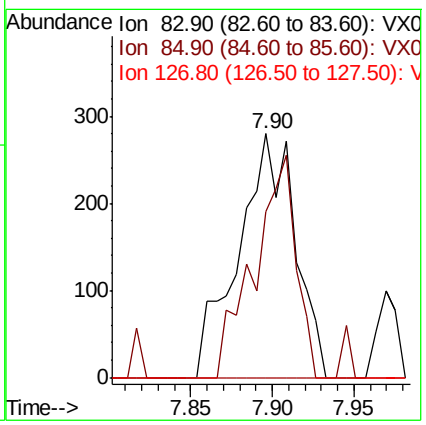


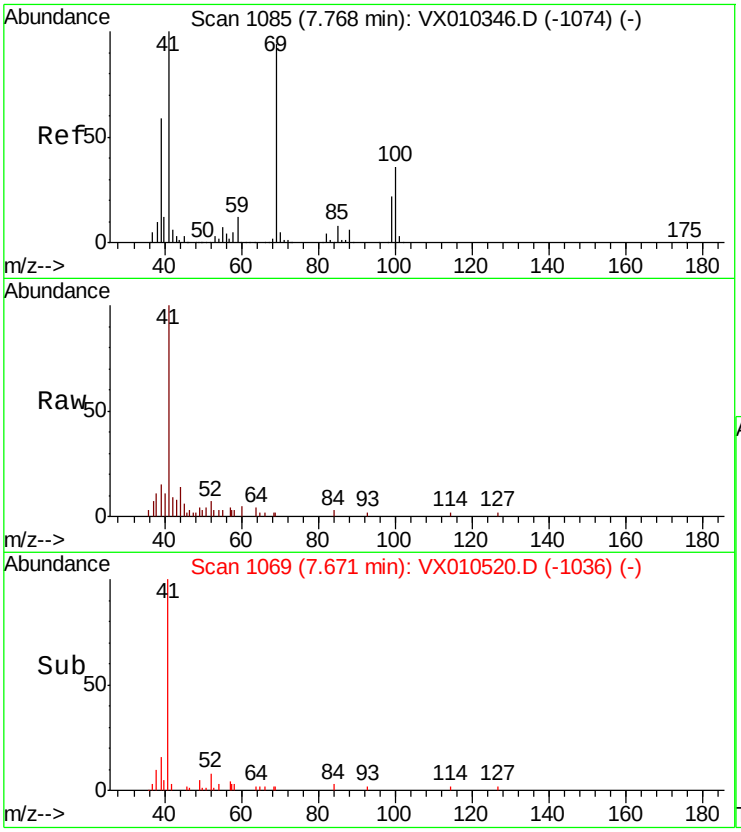


#47
Bromodichloromethane
Concen: 0.210 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 83 Resp: 677

Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.5	77.3
127	0.0	7.8	11.8#



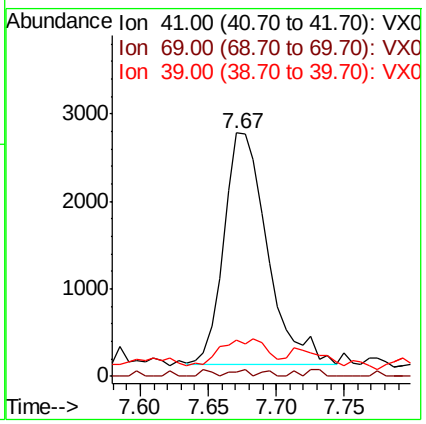


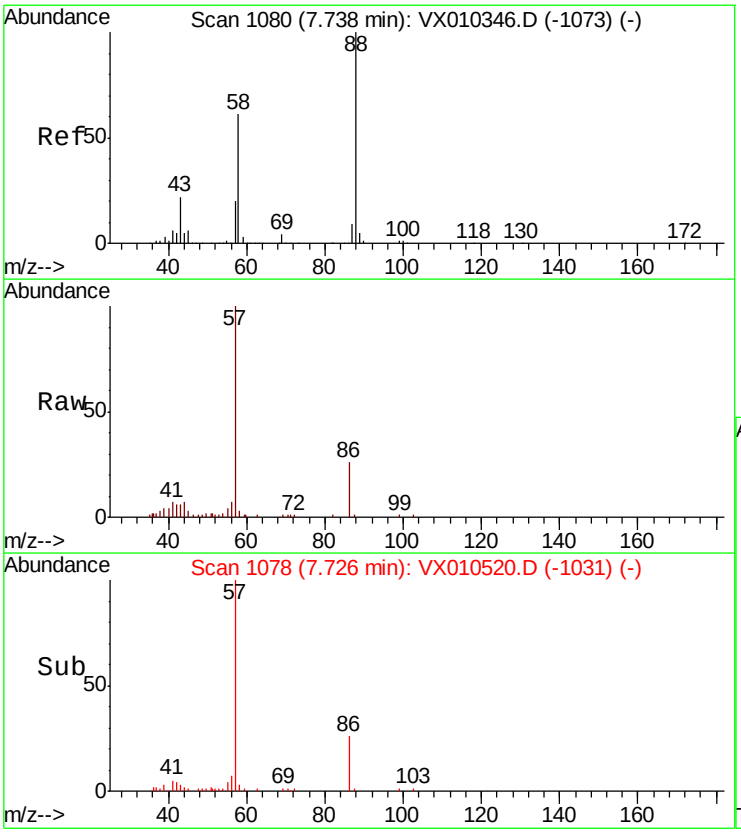
#48
Methyl methacrylate
Concen: 2.408 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Tgt Ion: 41 Resp: 5950

Ion	Ratio	Lower	Upper
41	100		
69	1.1	76.1	114.1#
39	0.0	47.6	71.4#

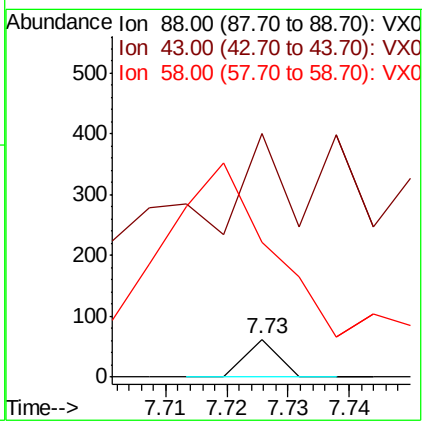


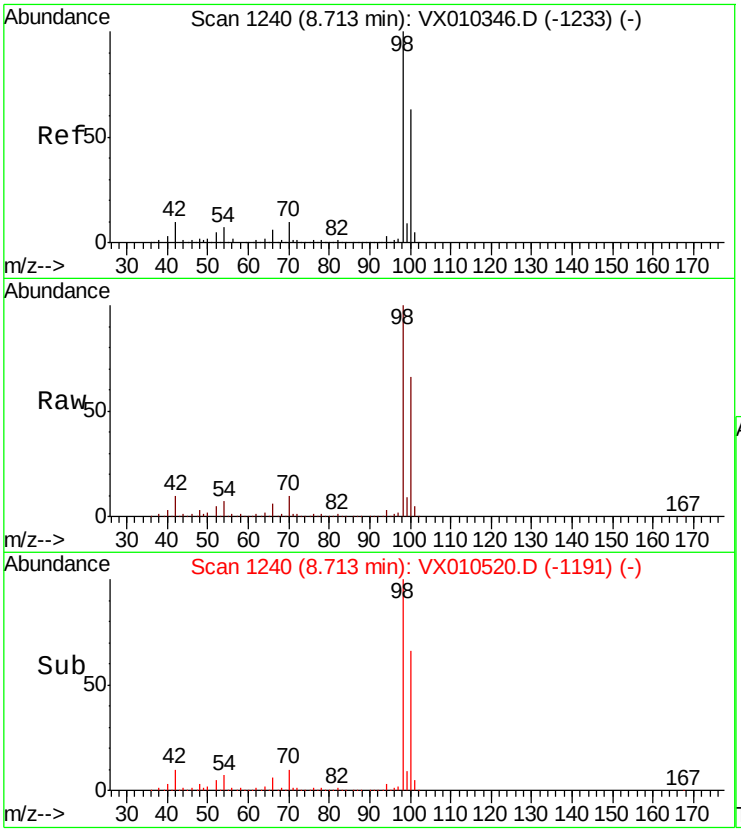


#49
1,4-Dioxane
Concen: 0.323 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	2839.1	49.5	74.3#



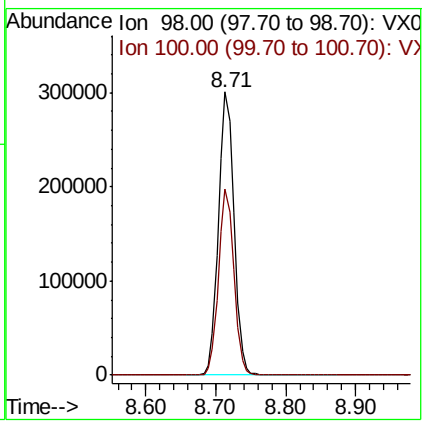


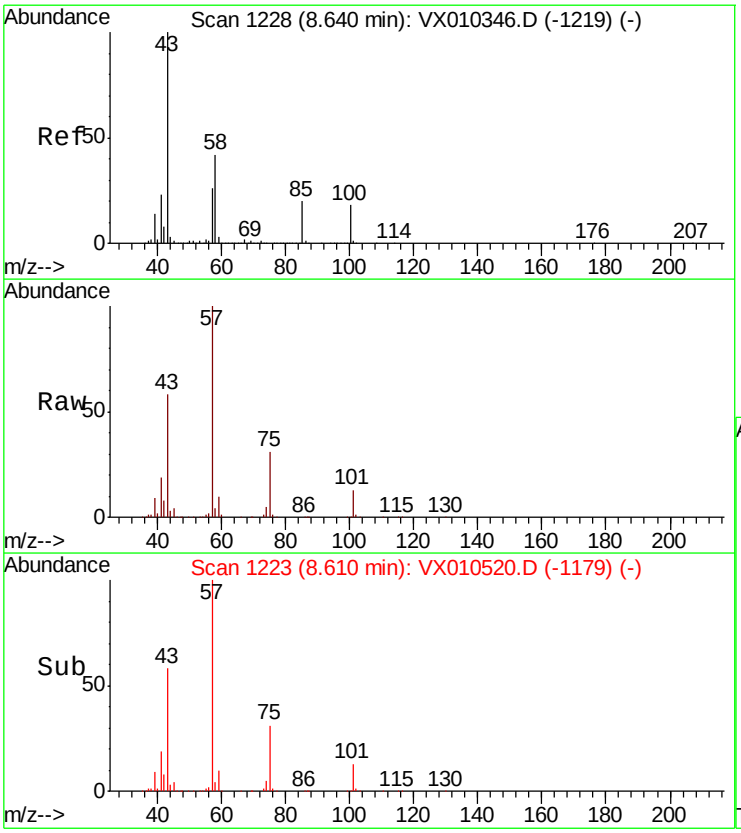
#50
Toluene-d8
Concen: 50.760 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 98 Resp: 466928

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

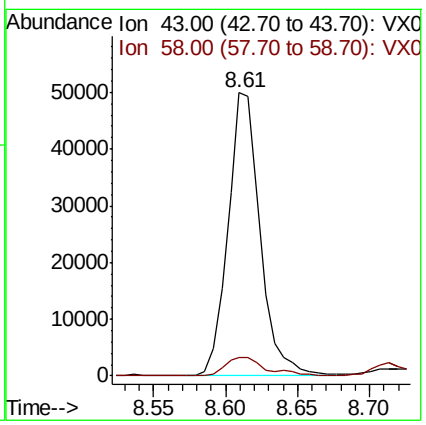


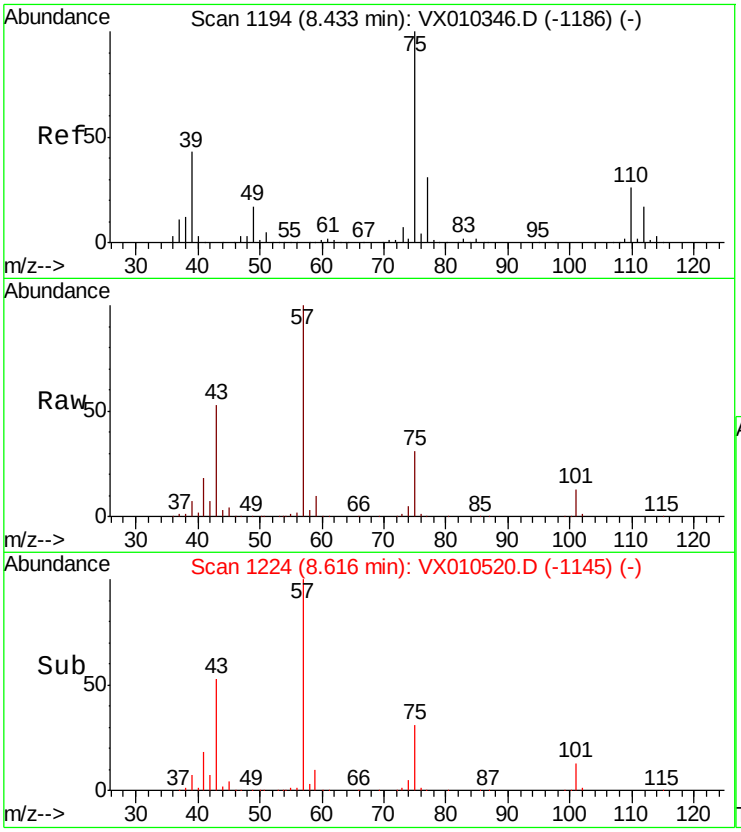


#51
4-Methyl-2-Pentanone
Concen: 22.700 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 43 Resp: 77168

Ion	Ratio	Lower	Upper
43	100		
58	8.6	33.5	50.3#



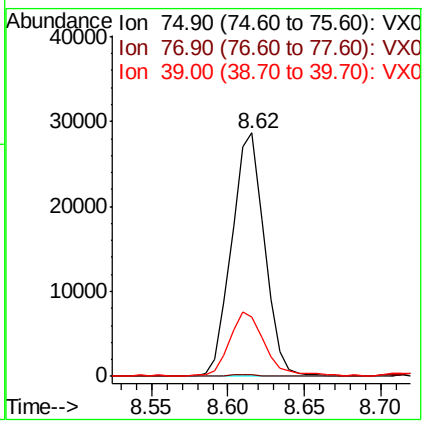


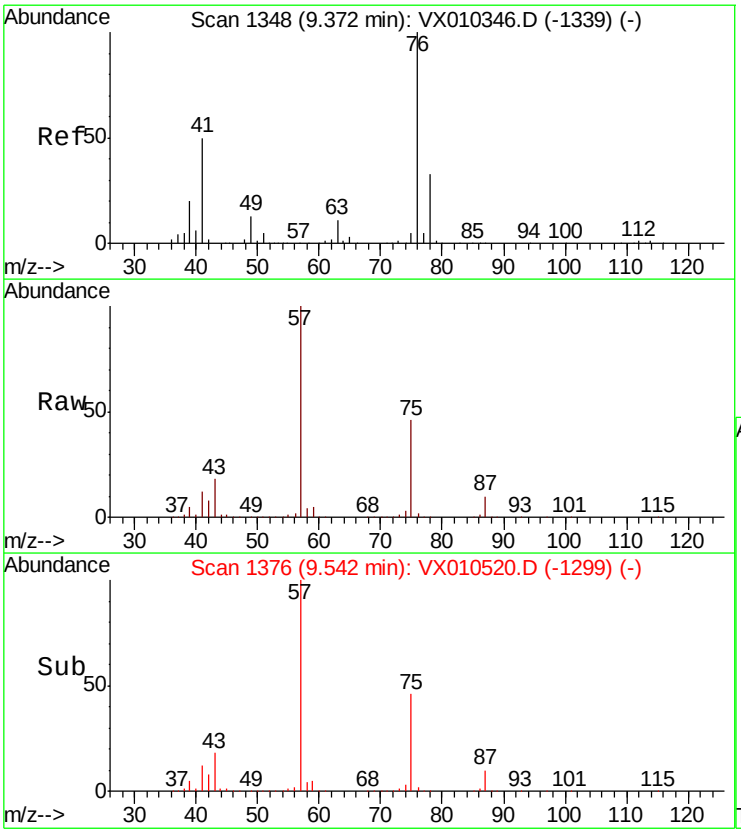
#54
cis-1,3-Dichloropropene
Concen: 10.841 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion: 75 Resp: 42669

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.2	37.8#
39	23.8	34.5	51.7#

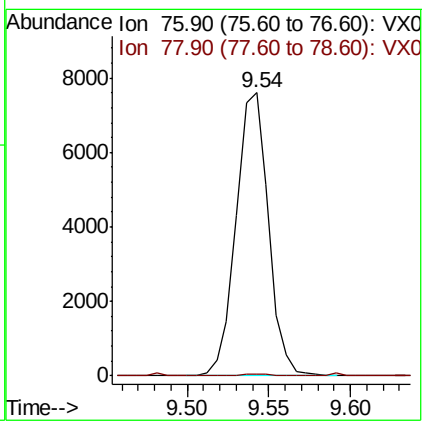


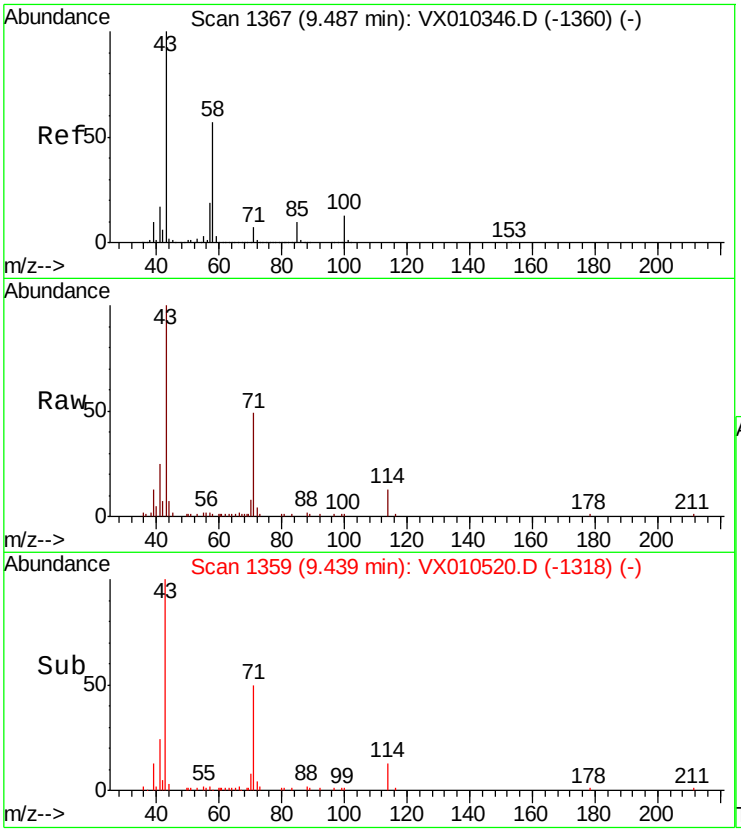


#57
1,3-Dichloropropane
Concen: 2.569 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 76 Resp: 10536

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.1	39.1#



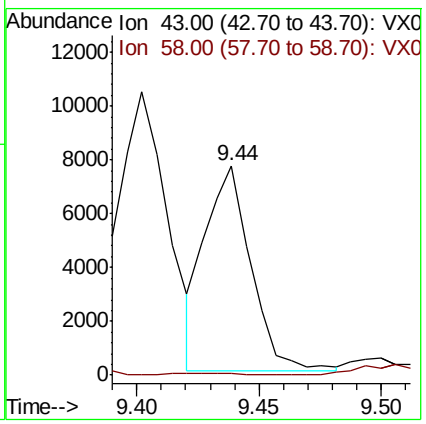


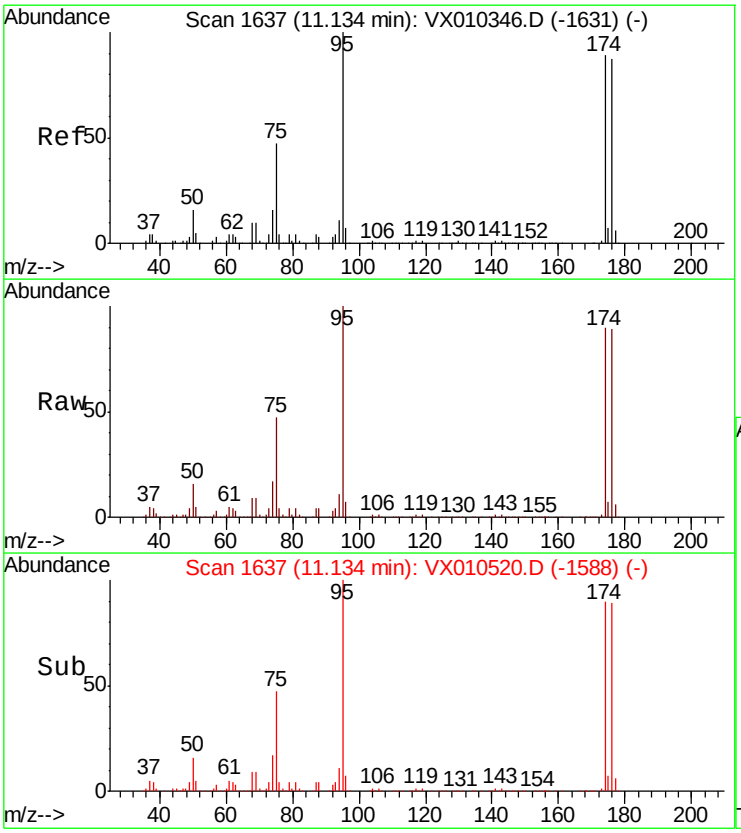
#59
2-Hexanone
Concen: 3.701 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument : MSVOA_X
ClientSampleId : OR-03-062619-B

Tgt Ion: 43 Resp: 9901

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.1#

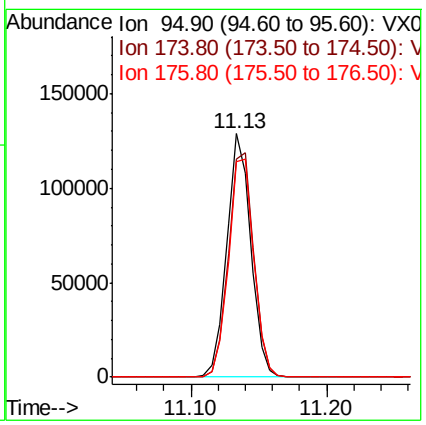


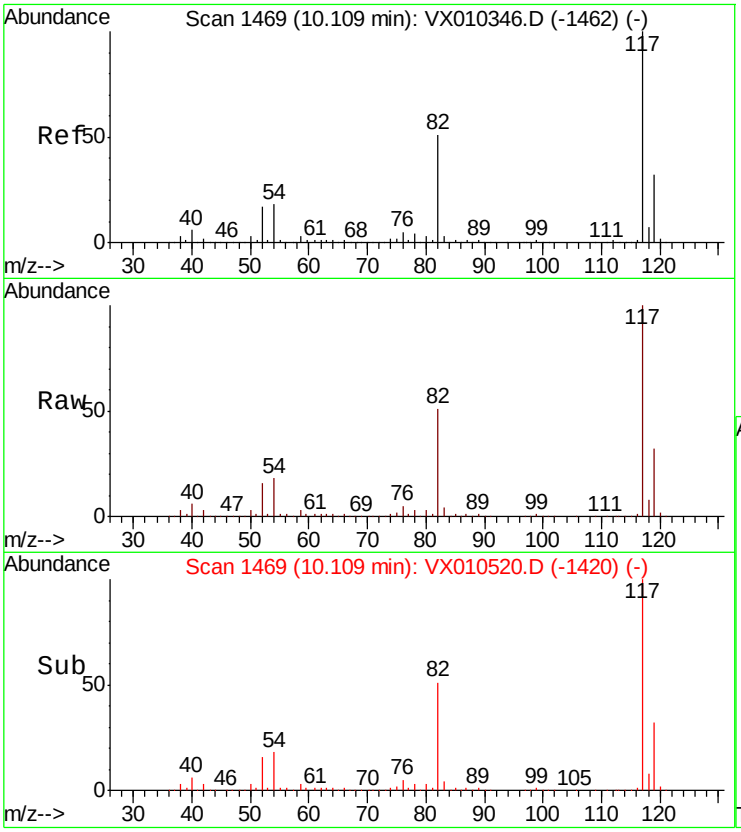


#62
4-Bromofluorobenzene
Concen: 47.249 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 95 Resp: 156911

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	187.6
176	95.5	0.0	184.0



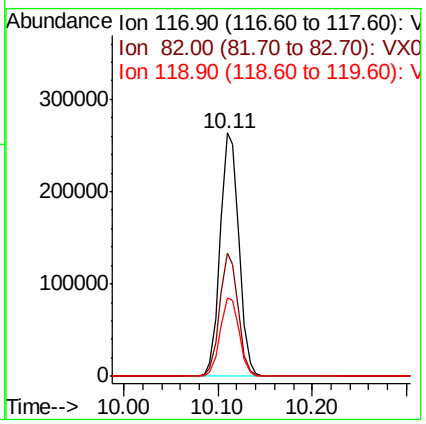


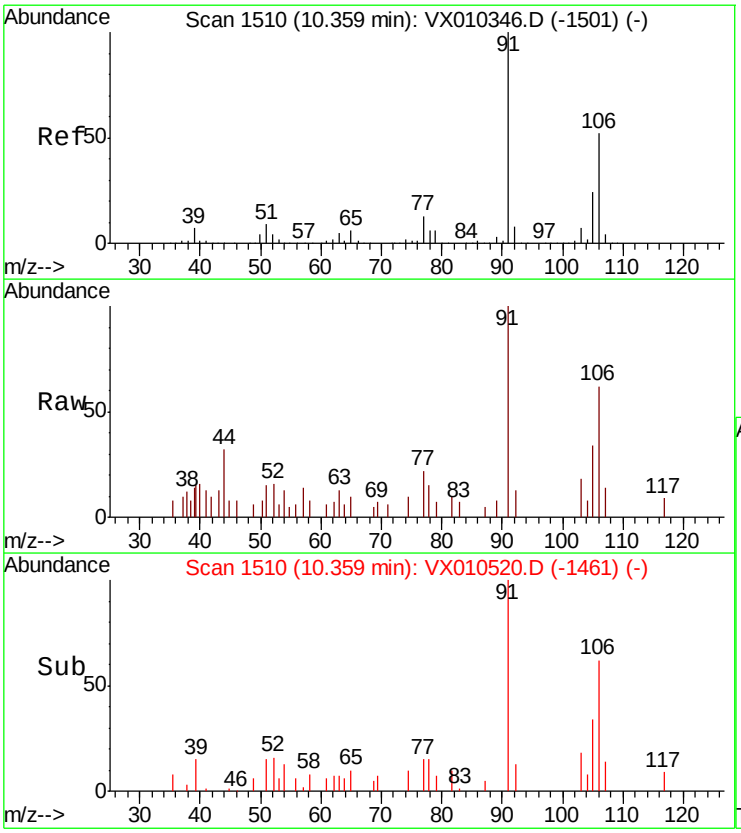
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:117 Resp: 362711

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.2	61.8
119	32.1	25.5	38.3

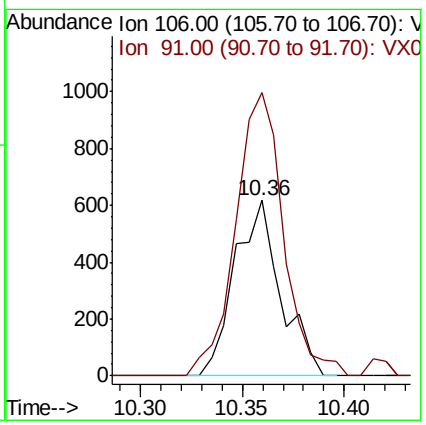


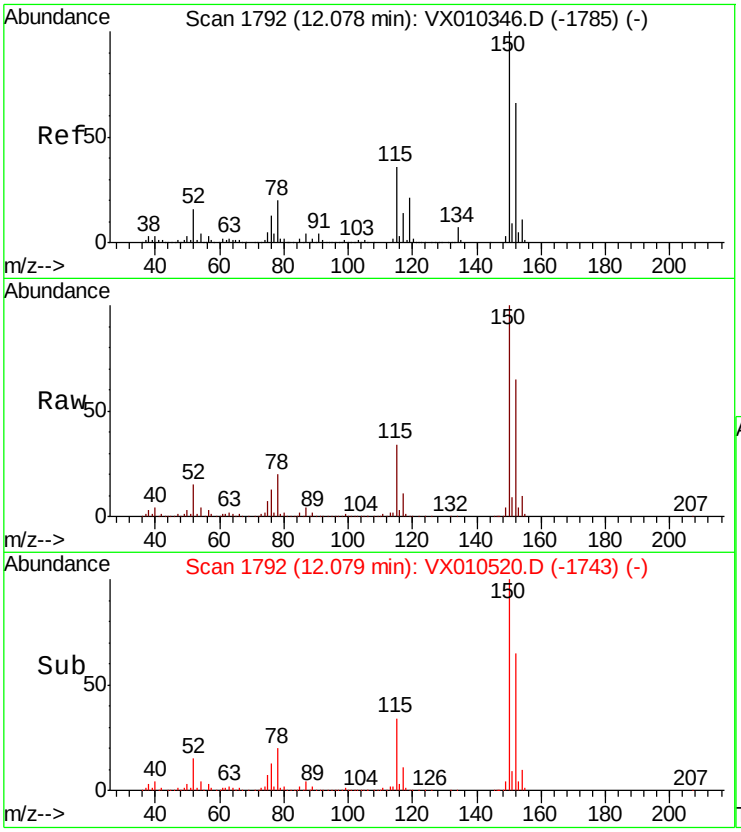


#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion:106 Resp: 972

Ion	Ratio	Lower	Upper
106	100		
91	167.2	155.3	232.9



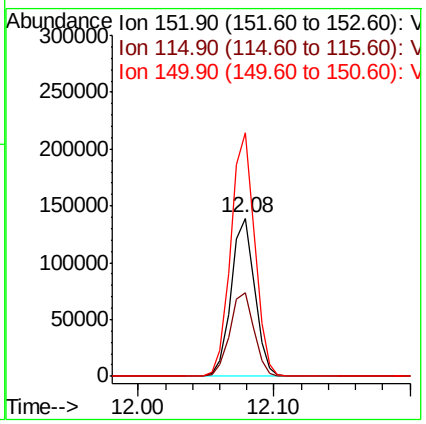


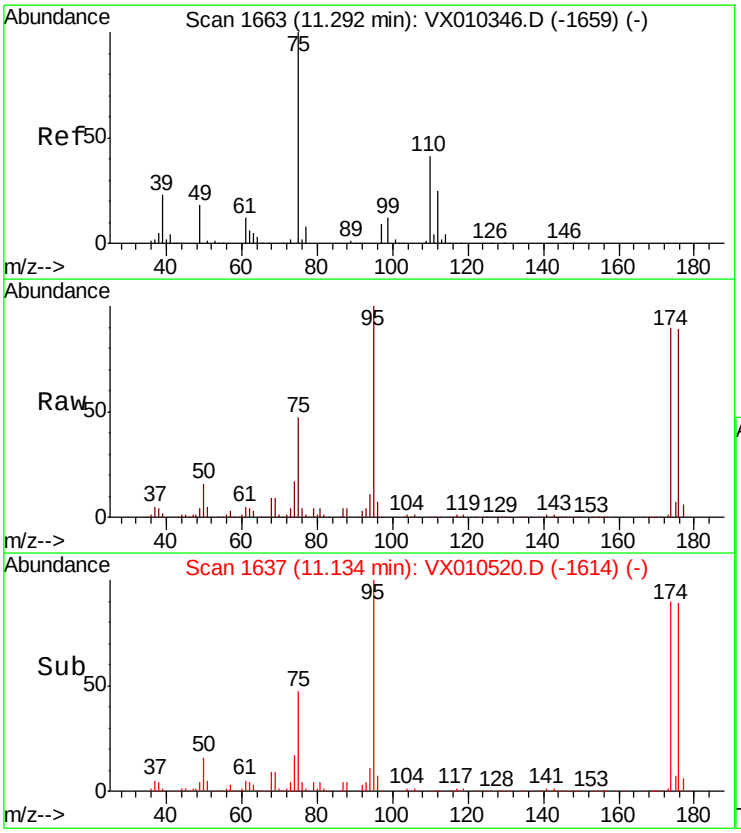
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:152 Resp: 168373

Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.6	115.7
150	155.6	0.0	347.4

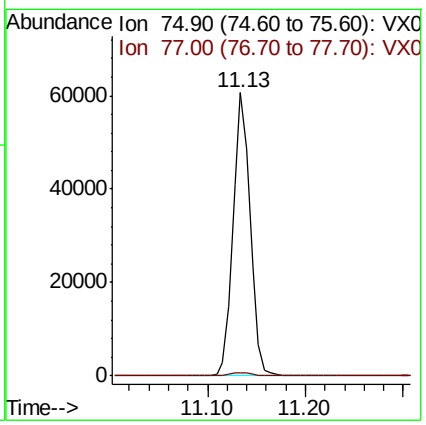


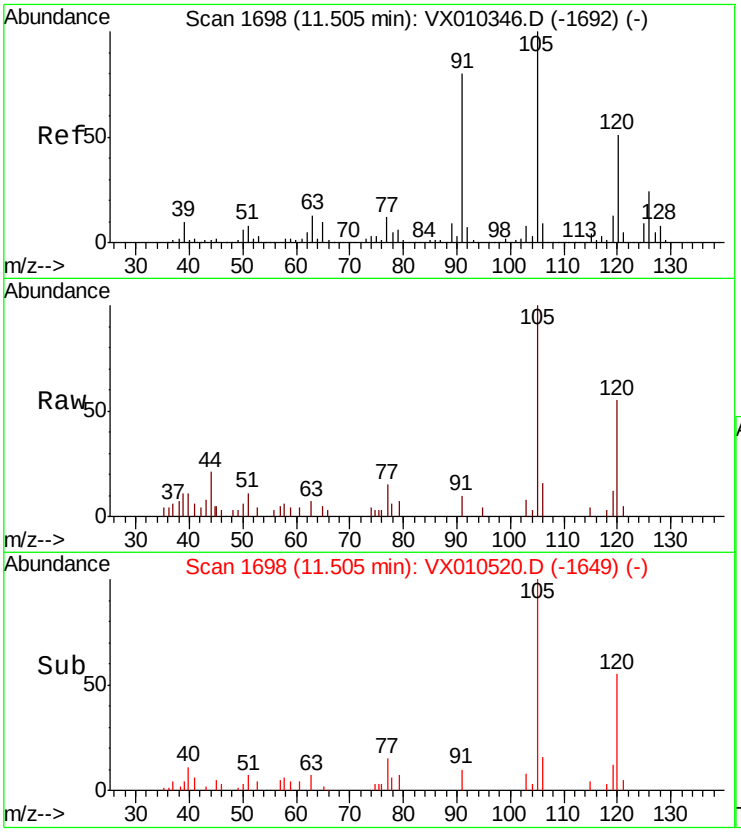


#76
1,2,3-Trichloropropane
Concen: 24.084 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 75 Resp: 73896

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.6	67.8#



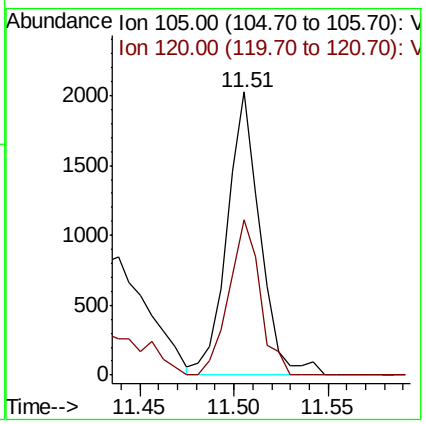


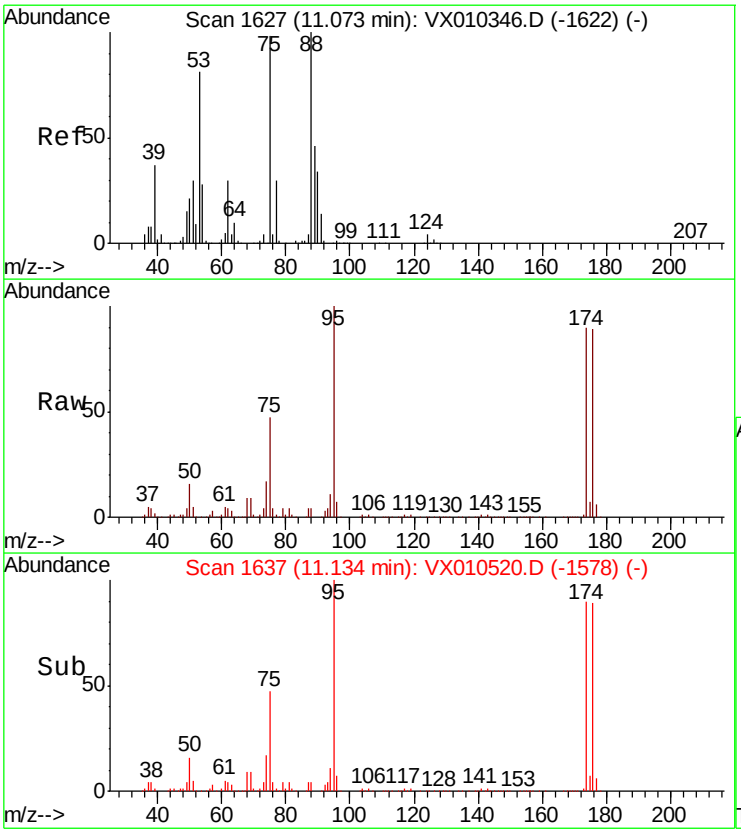
#80
1,3,5-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:105 Resp: 2455

Ion	Ratio	Lower	Upper
105	100		
120	52.2	25.2	75.6

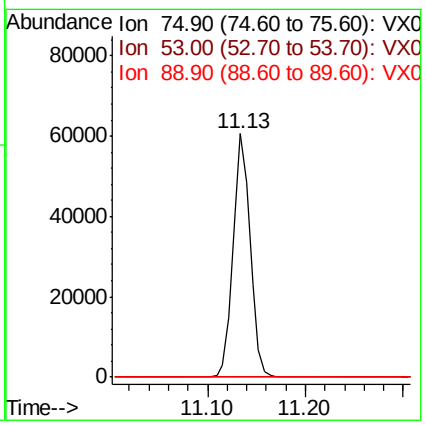


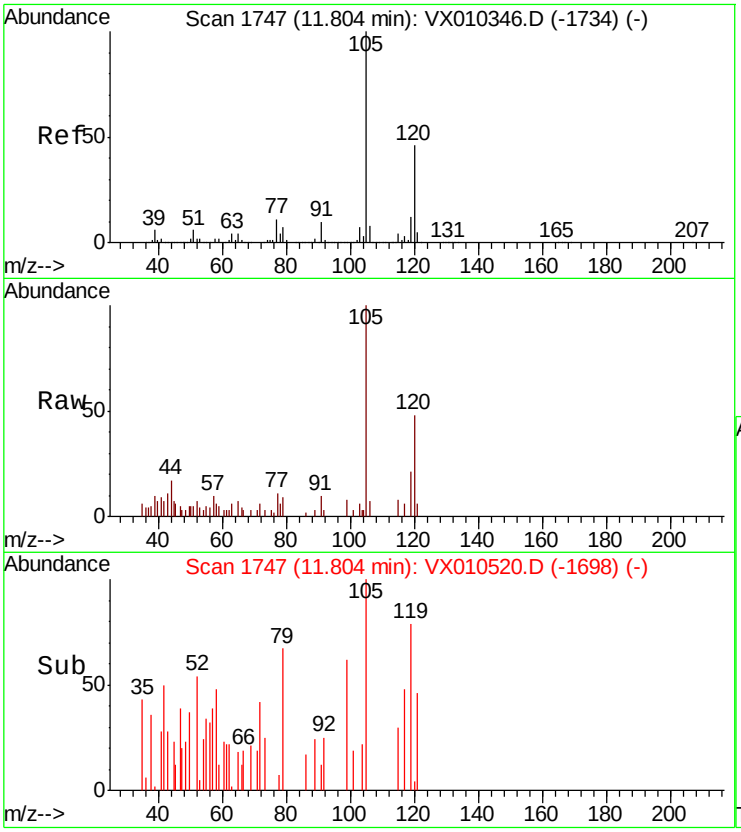


#81
trans-1,4-Dichloro-2-butene
Concen: 56.187 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion: 75 Resp: 73896

Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.1	99.1#
89	0.1	37.8	56.6#



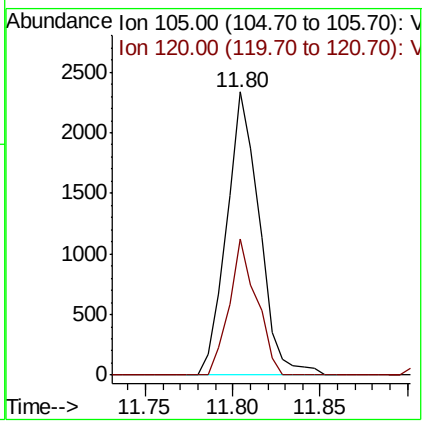


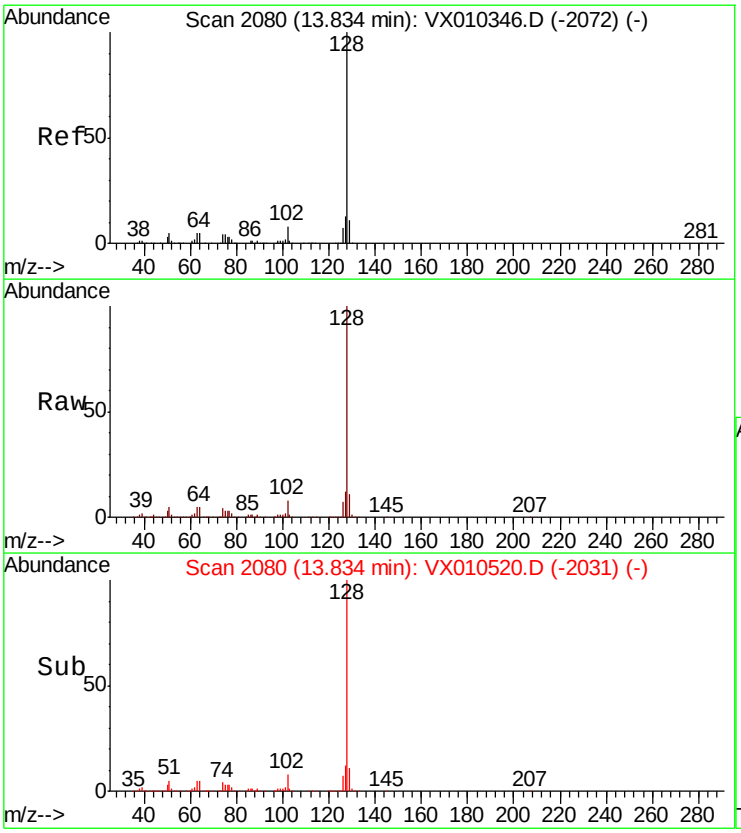
#84
1,2,4-Trimethylbenzene
Concen: 0.324 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-B

Tgt Ion:105 Resp: 3061

Ion	Ratio	Lower	Upper
105	100		
120	40.3	23.1	69.2





#95
Naphthalene
Concen: 10.681 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010520.D
Acq: 28 Jun 2019 05:21

Tgt Ion:128 Resp: 125860

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.2	8.9	13.3