Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011712.D
Acq On : 21 Aug 2019 02:46
Operator : JC/SP
Sample : K4387-36
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T4-A3-(2)

Quant Time: Aug 21 05:31:09 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	5.66	168	362743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	503739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	214594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	185839	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.48%			
35) Dibromofluoromethane	5.49	113	152245	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
50) Toluene-d8	8.71	98	583224	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.62%			
62) 4-Bromofluorobenzene	11.13	95	204554	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.01	59	5174	6.269	ug/l #	83
13) Acrolein	2.29	56	308	13.338	ug/l #	68
15) Acrylonitrile	3.17	53	438	0.232	ug/l #	50
16) Acetone	2.43	43	7782	4.601	ug/l	96
18) Methyl Acetate	2.77	43	2763	0.527	ug/l	90
20) Methylene Chloride	2.85	84	3170	0.893	ug/l #	87
25) 2-Butanone	4.68	43	657	0.247	ug/l #	18
36) 1,1-Dichloropropene	5.66	75	21911	5.087	ug/l #	39
38) Carbon Tetrachloride	5.65	117	32775	6.907	ug/l #	15
41) Methacrylonitrile	5.02	41	971	0.356	ug/l #	35
43) Isopropyl Acetate	6.44	43	60331	7.804	ug/l	99
48) Methyl methacrylate	7.67	41	3678	0.961	ug/l #	15
49) 1,4-Dioxane	7.76	88	124	1.218	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	55429	10.954	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	27099	5.357	ug/l #	65
59) 2-Hexanone	9.54	43	67313	17.250	ug/l #	51
71) Bromoform	10.70	173	76	3.311	ug/l #	28
74) N-amyl acetate	10.82	43	2986	0.505	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	96830	23.796	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	96830	63.164	ug/l #	11

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011712.D
Acq On : 21 Aug 2019 02:46
Operator : JC/SP
Sample : K4387-36
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Quant Time: Aug 21 05:31:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
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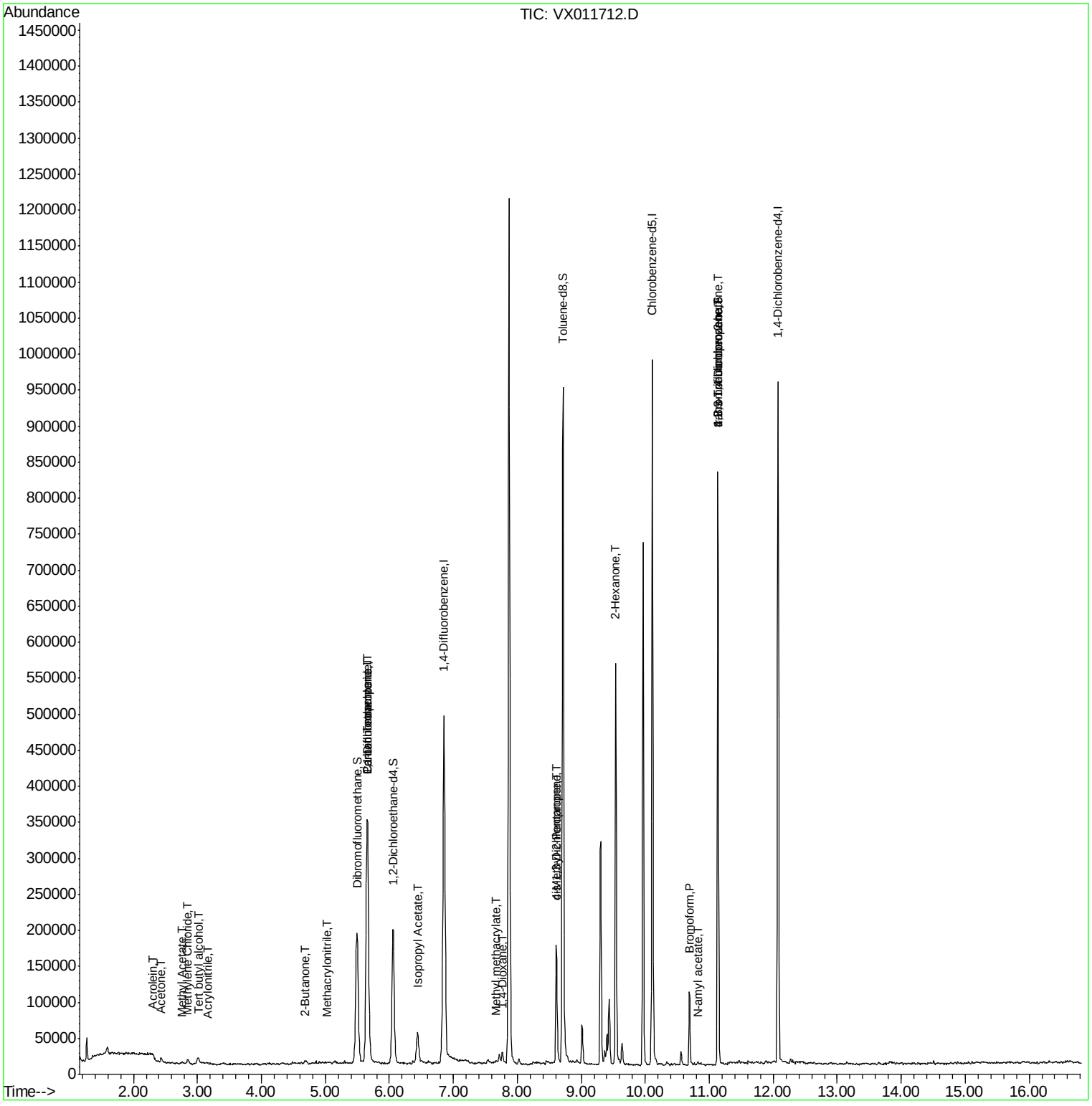
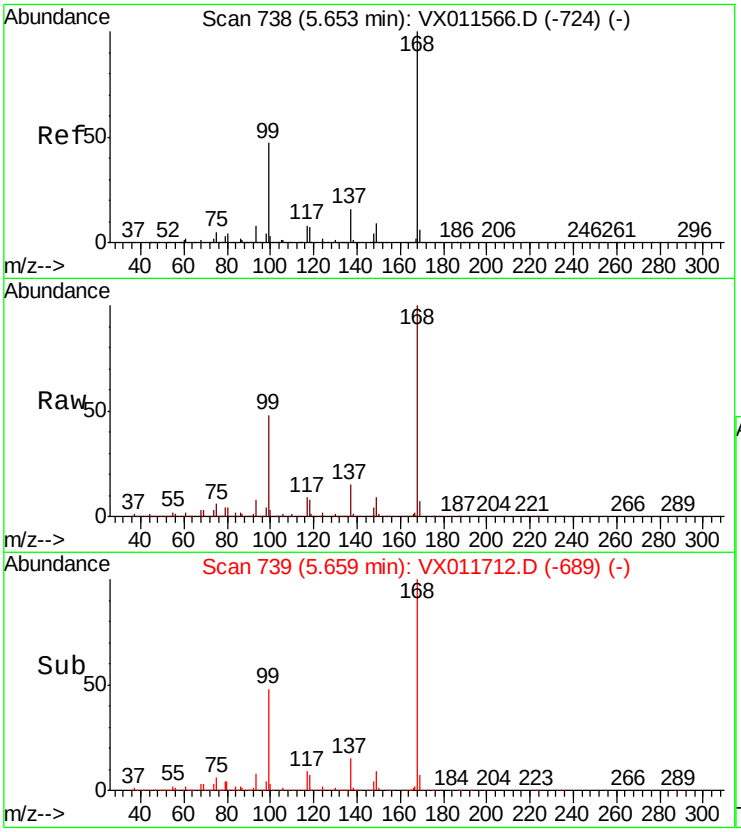
Response via : Initial Calibration



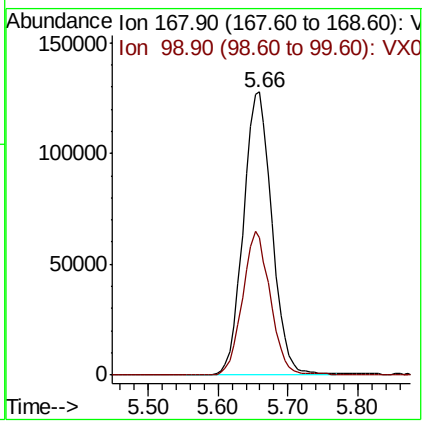


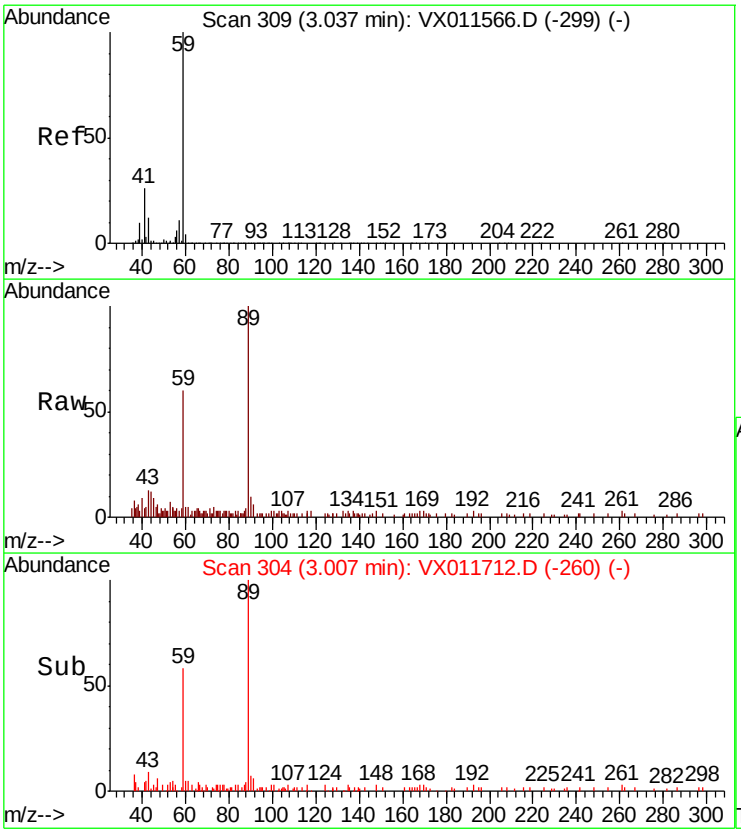
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion:168 Resp: 362743

Ion	Ratio	Lower	Upper
168	100		
99	48.4	37.3	55.9

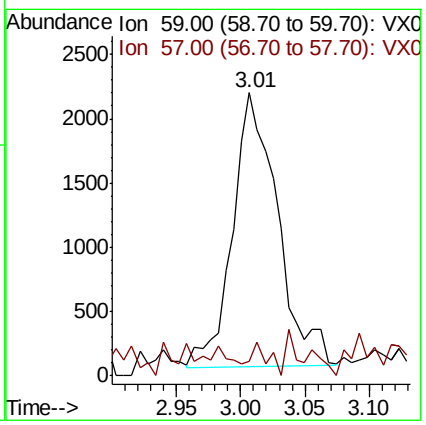


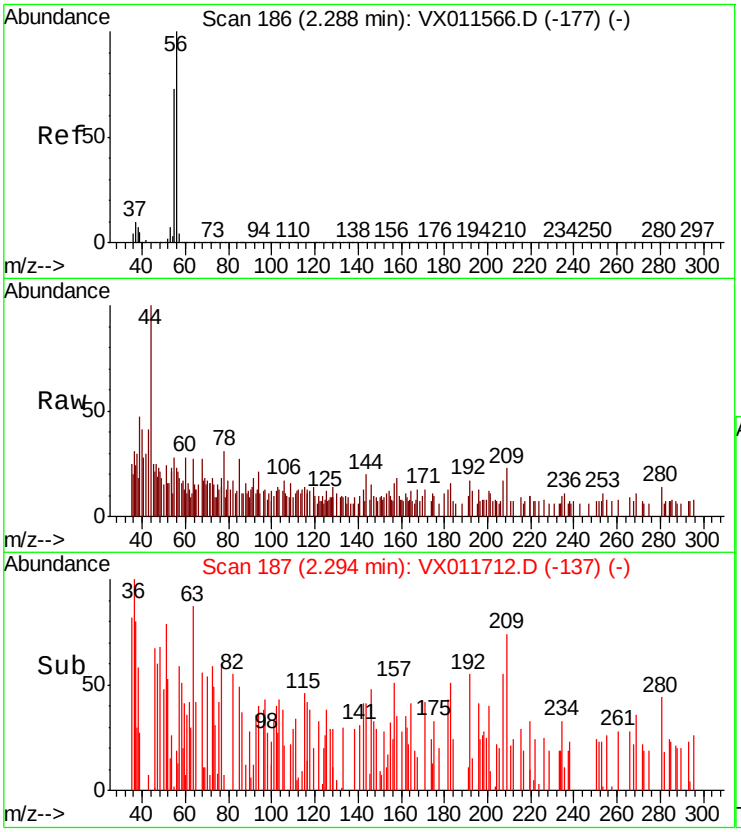


#11
Tert butyl alcohol
Concen: 6.269 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 59 Resp: 5174

Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.7	13.1#



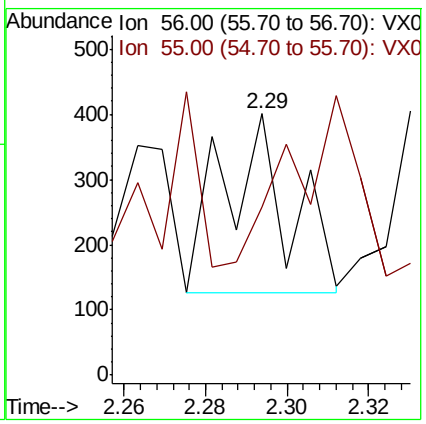


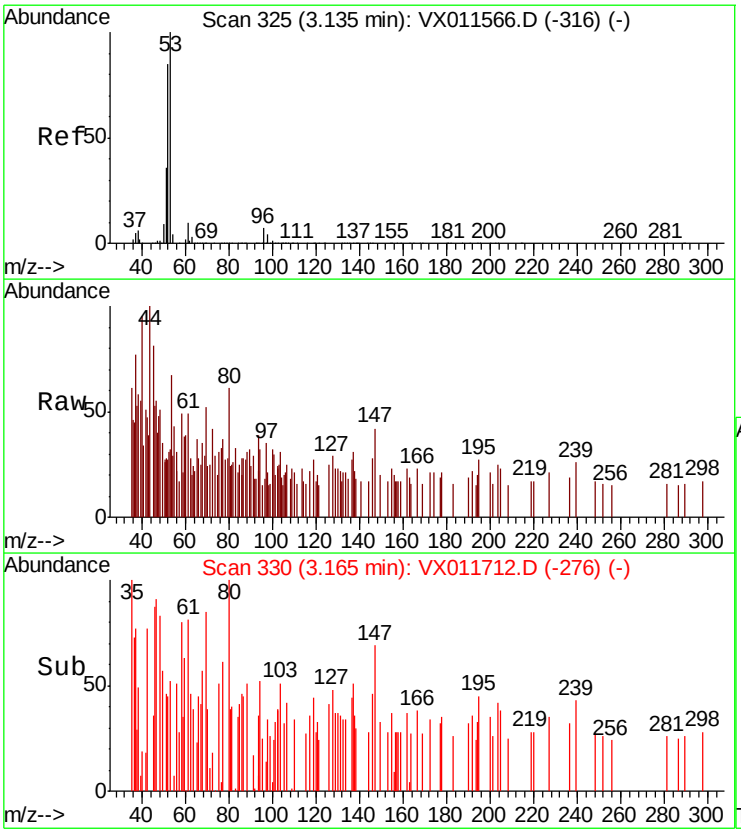
#13
Acrolein
Concen: 13.338 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 56 Resp: 308

Ion	Ratio	Lower	Upper
56	100		
55	95.1	55.5	83.3#

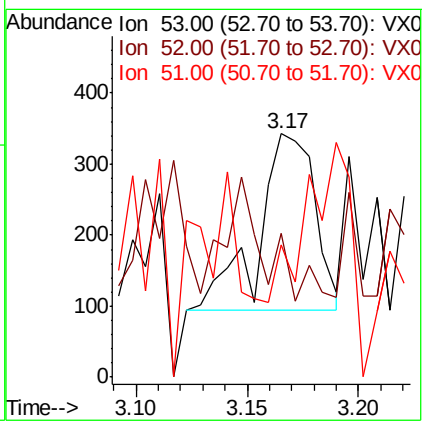


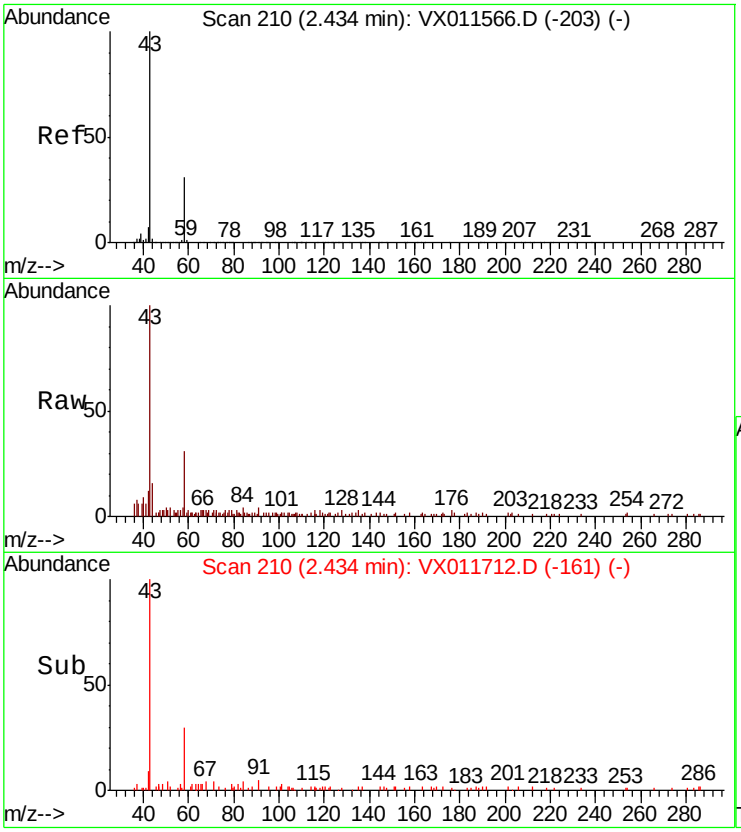


#15
Acrylonitrile
Concen: 0.232 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.03 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 53 Resp: 438

Ion	Ratio	Lower	Upper
53	100		
52	42.9	66.7	100.1#
51	0.0	28.7	43.1#



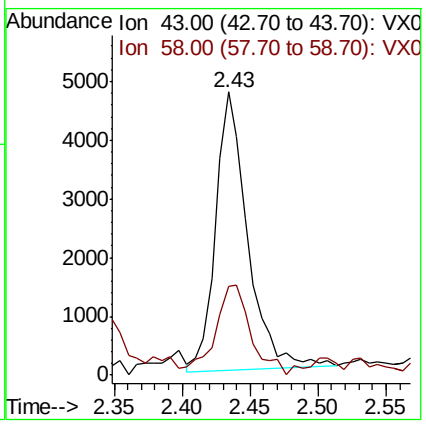


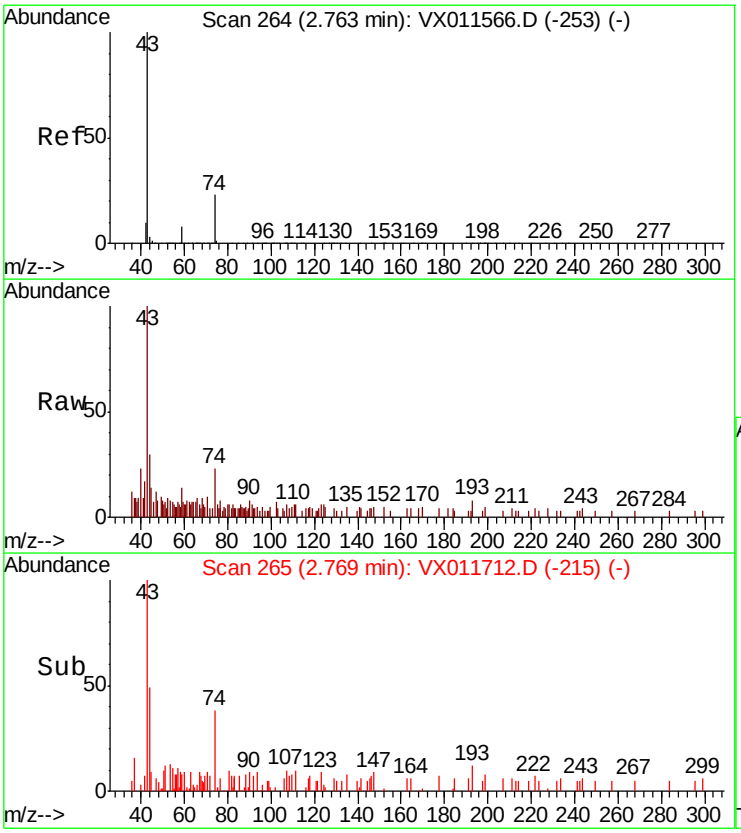
#16
Acetone
Concen: 4.601 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 43 Resp: 7782

Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.2	37.8

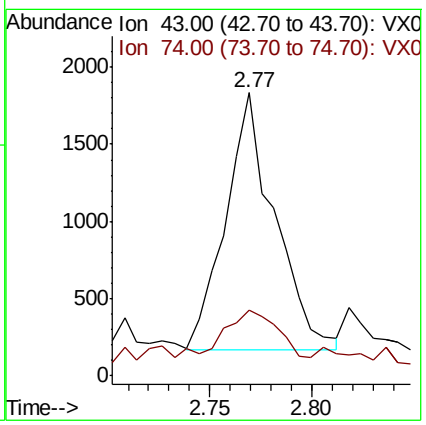


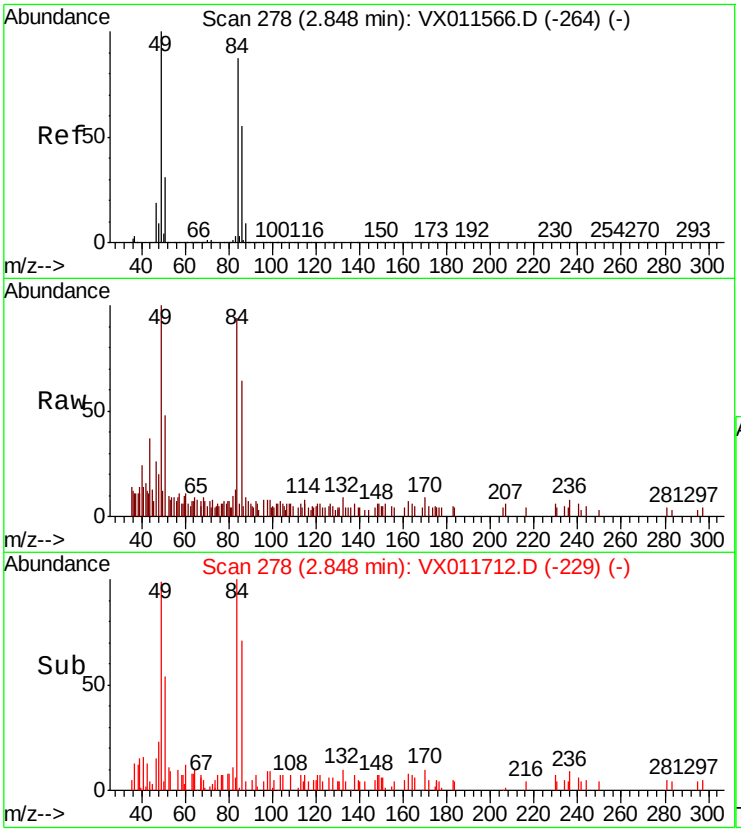


#18
Methyl Acetate
Concen: 0.527 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 43 Resp: 2763

Ion	Ratio	Lower	Upper
43	100		
74	19.7	19.7	29.5



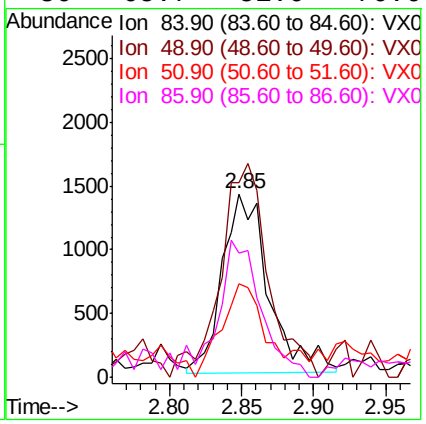


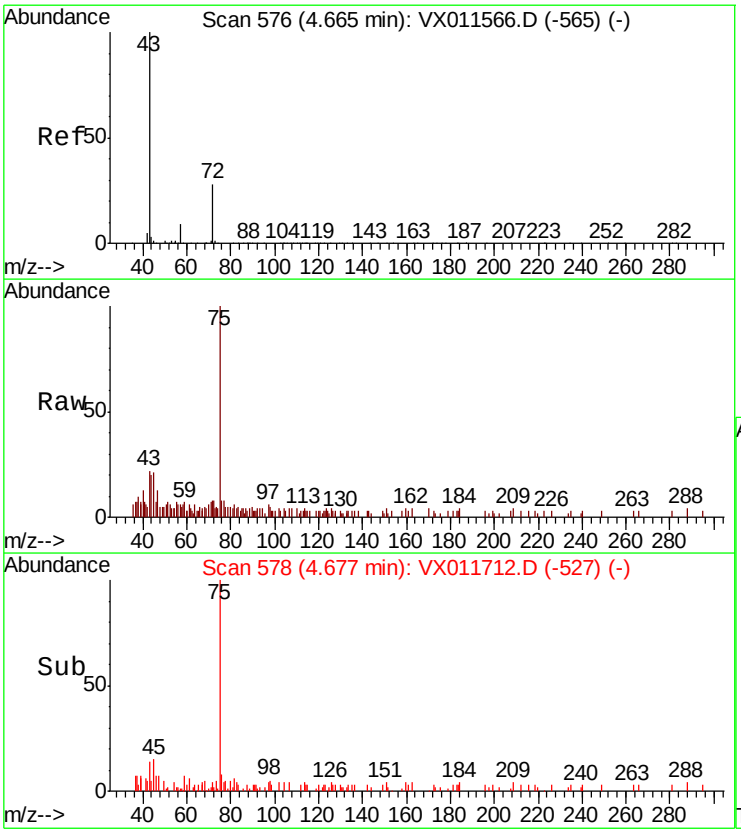
#20
Methylene Chloride
Concen: 0.893 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument : MSVOA_X
ClientSampleId : T4-A3-(2)

Tgt Ion: 84 Resp: 3170

Ion	Ratio	Lower	Upper
84	100		
49	95.6	92.4	138.6
51	44.5	28.5	42.7#
86	65.7	51.0	76.6

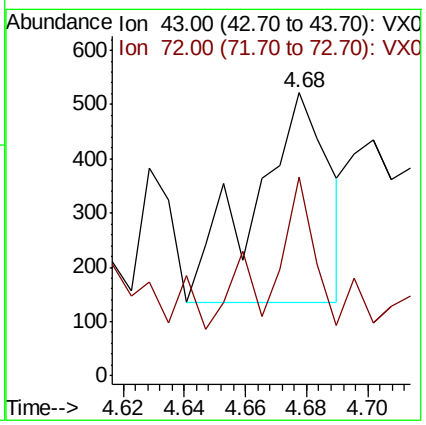


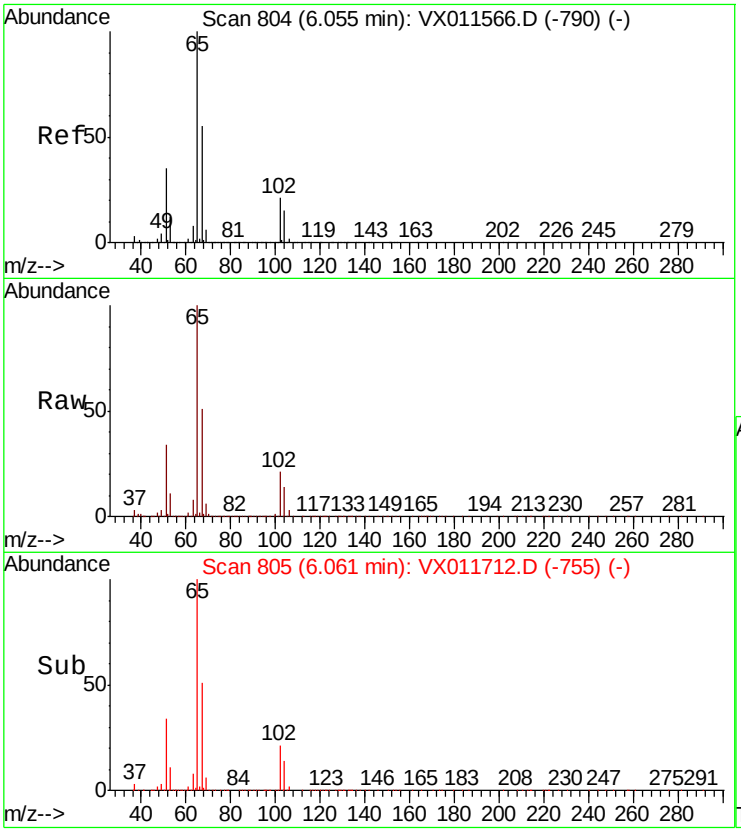


#25
2-Butanone
Concen: 0.247 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
72	71.0	22.2	33.4#



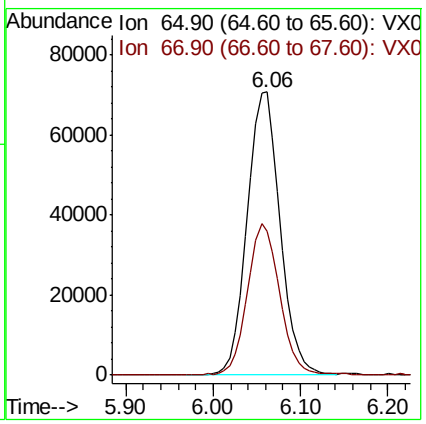


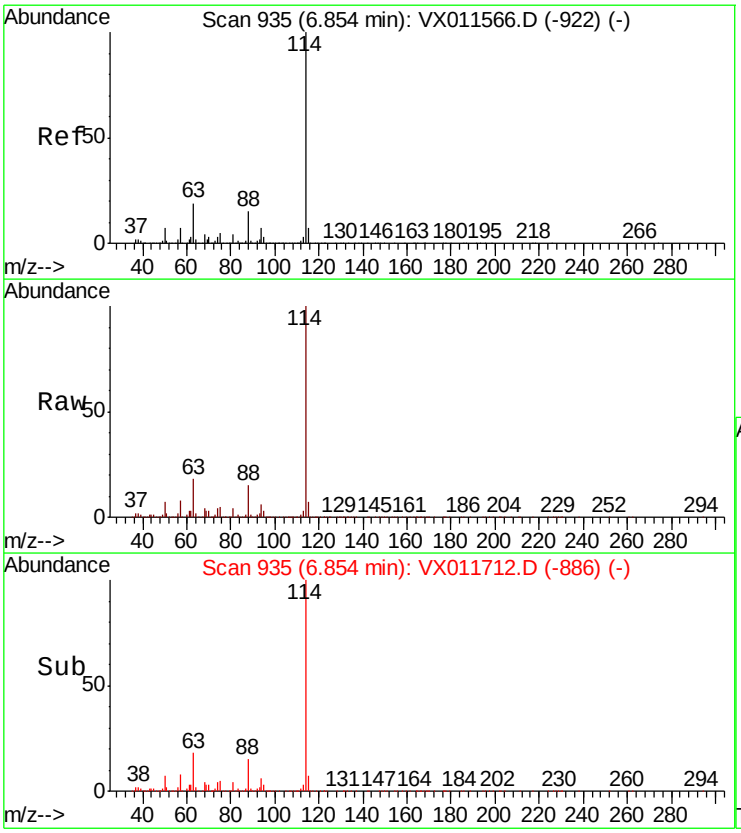
#33
1,2-Dichloroethane-d4
Concen: 55.244 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 65 Resp: 185839

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.6

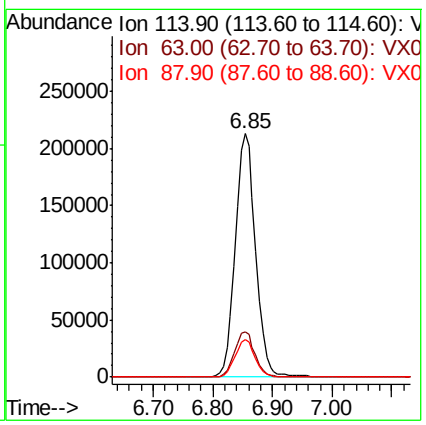


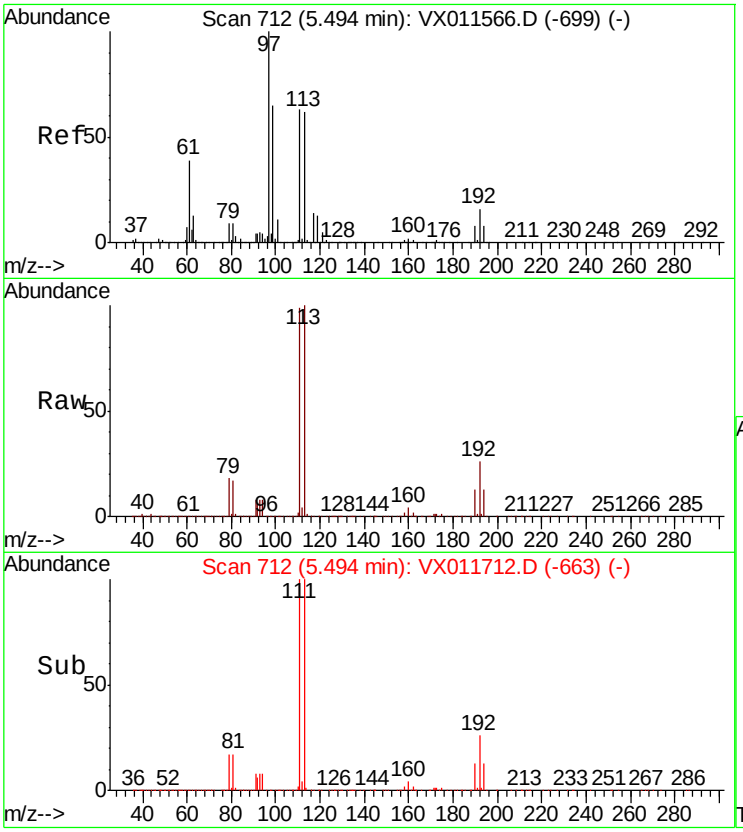


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion:114 Resp: 503739

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	15.2	0.0	30.2



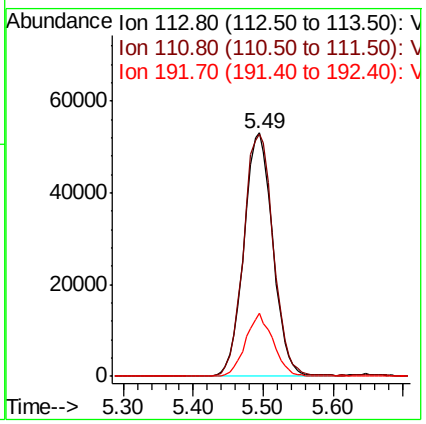


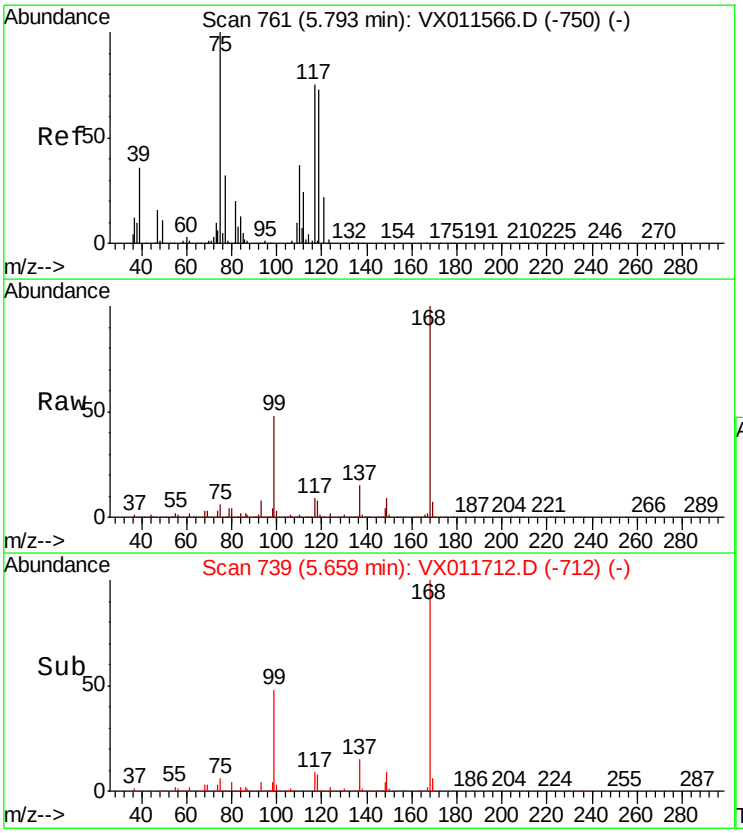
#35
Dibromofluoromethane
Concen: 46.208 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion:113 Resp: 152245

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	24.8	20.8	31.2

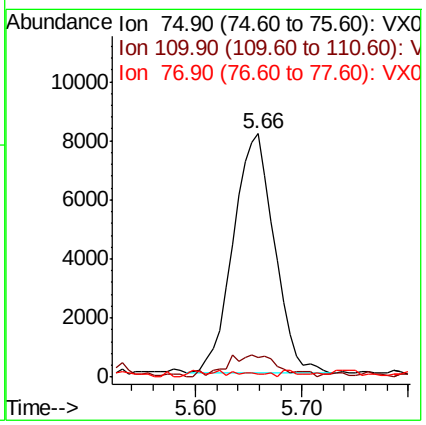


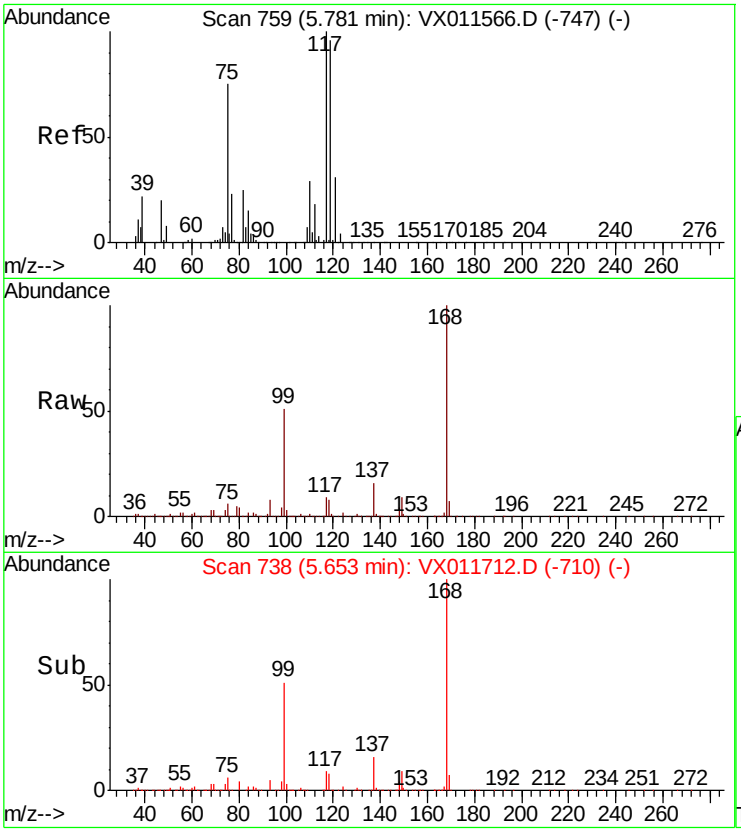


#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 75 Resp: 21911

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.4	58.1#
77	0.0	25.1	37.7#



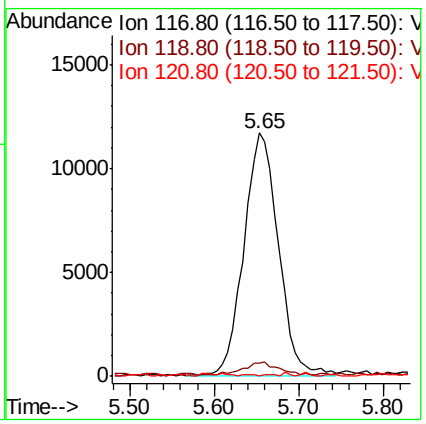


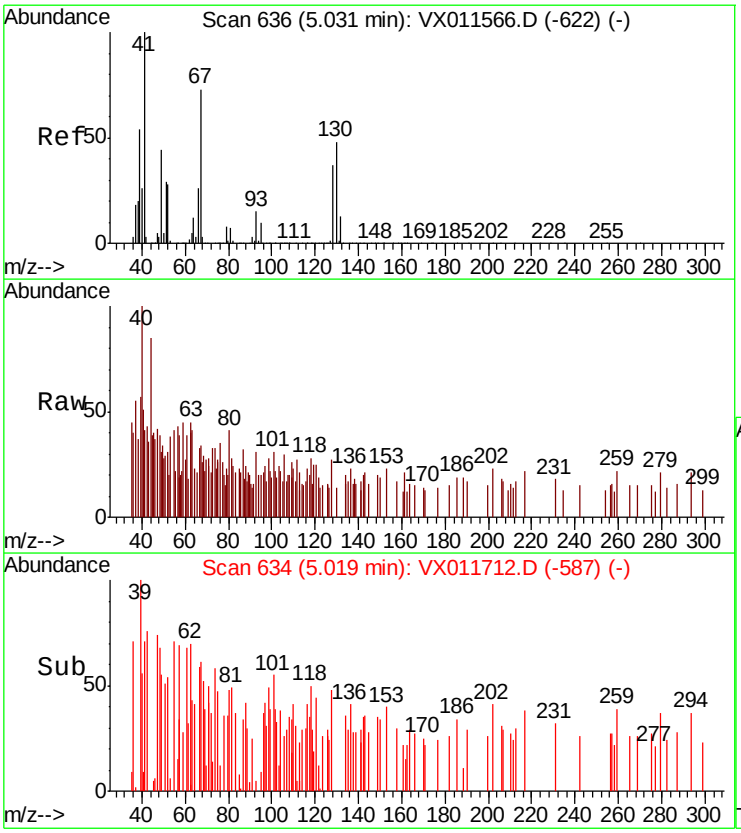
#38
Carbon Tetrachloride
Concen: 6.907 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion:117 Resp: 32775

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.9	115.3#
121	0.0	24.8	37.2#

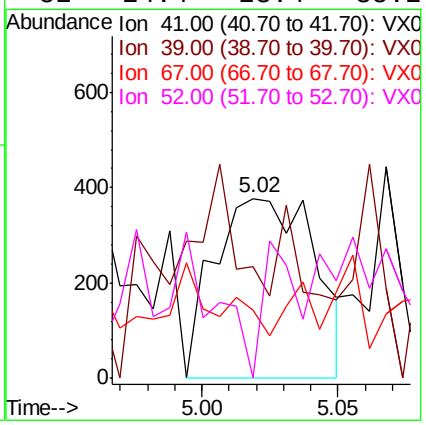


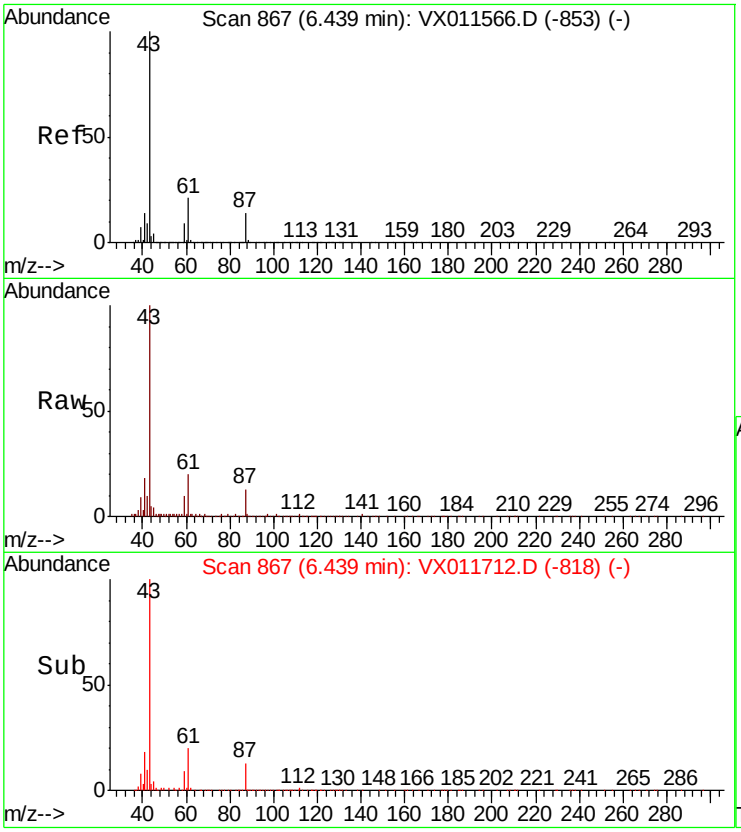


#41
Methacrylonitrile
Concen: 0.356 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.01 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 41 Resp: 971

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.5	65.3#
67	7.0	59.4	89.2#
52	24.4	23.4	35.2



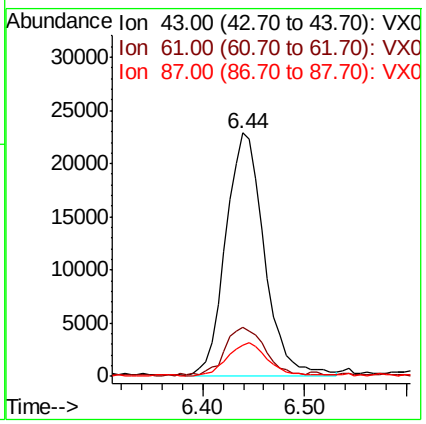


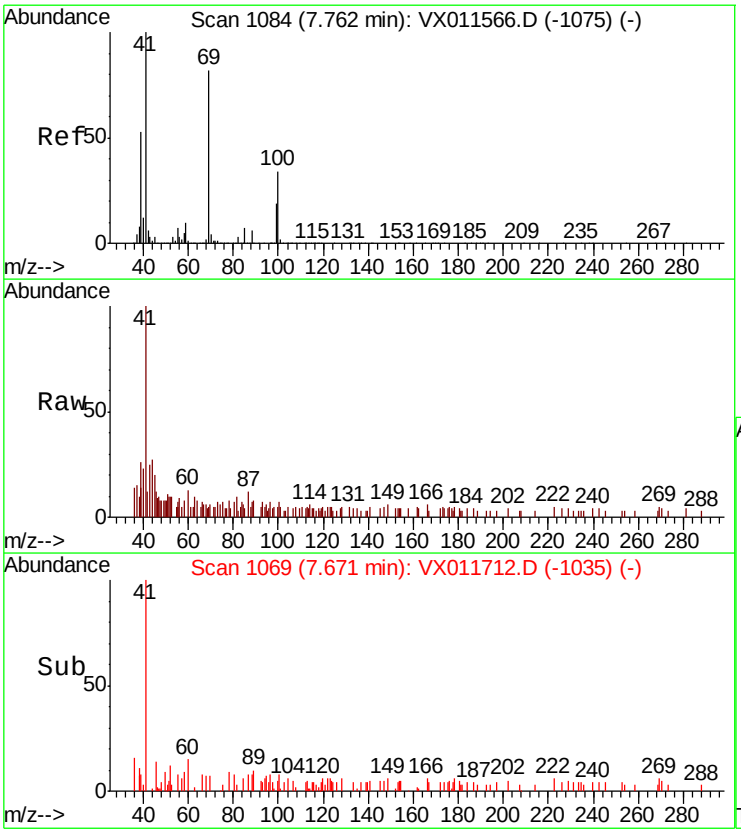
#43
Isopropyl Acetate
Concen: 7.804 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 43 Resp: 60331

Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.6	24.8
87	14.0	11.4	17.2

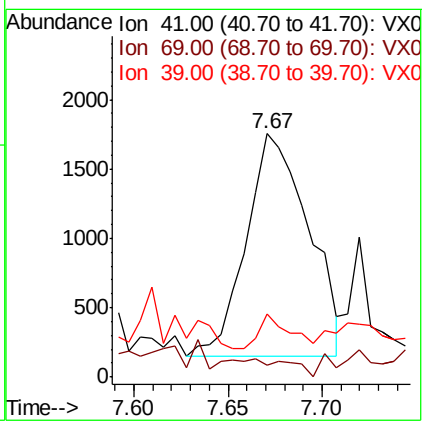


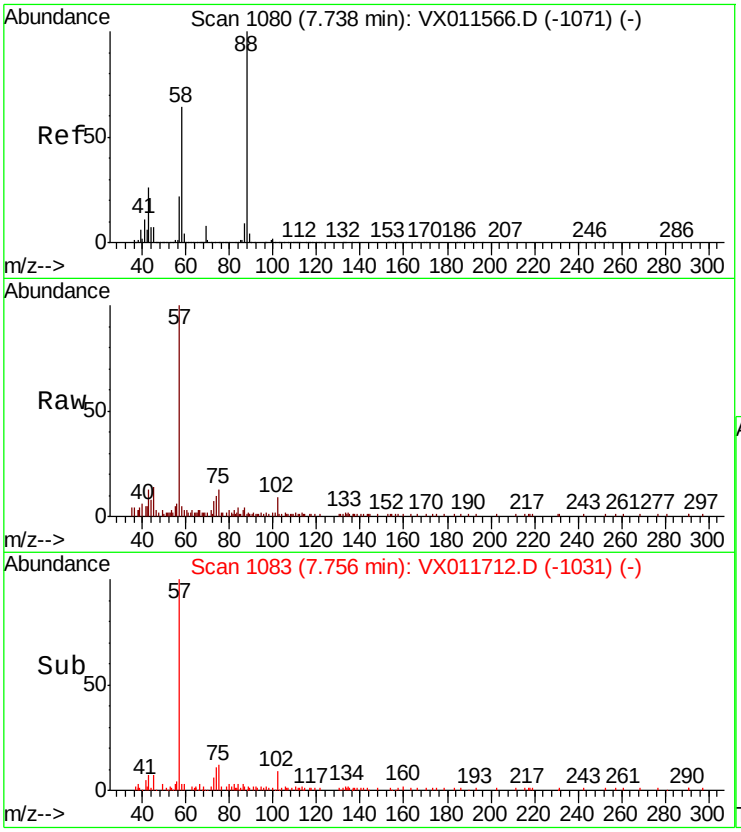


#48
Methyl methacrylate
Concen: 0.961 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 41 Resp: 3678

Ion	Ratio	Lower	Upper
41	100		
69	1.0	67.9	101.9#
39	0.0	41.6	62.4#



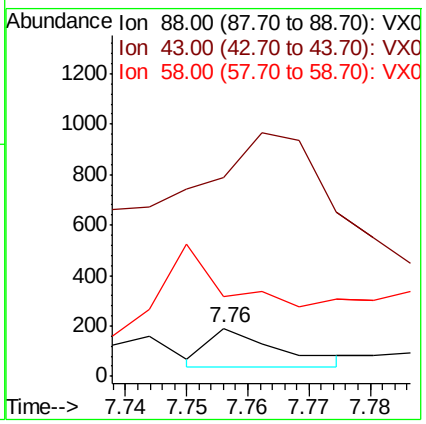


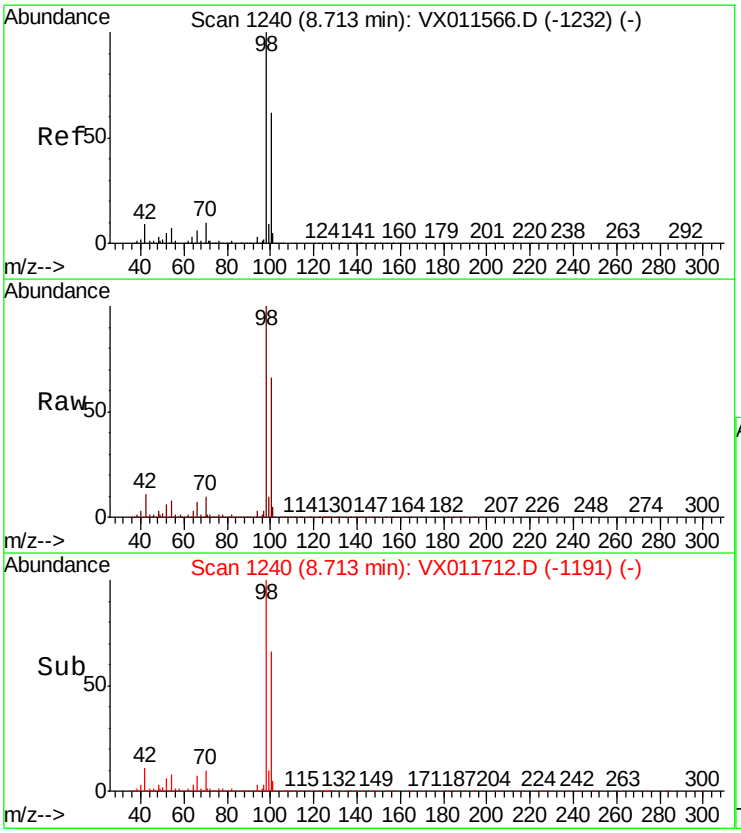
#49
1,4-Dioxane
Concen: 1.218 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	275.0	54.3	81.5#

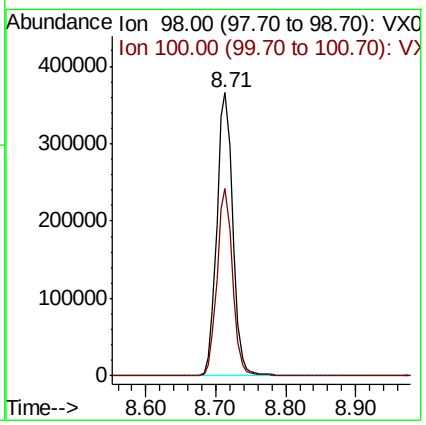


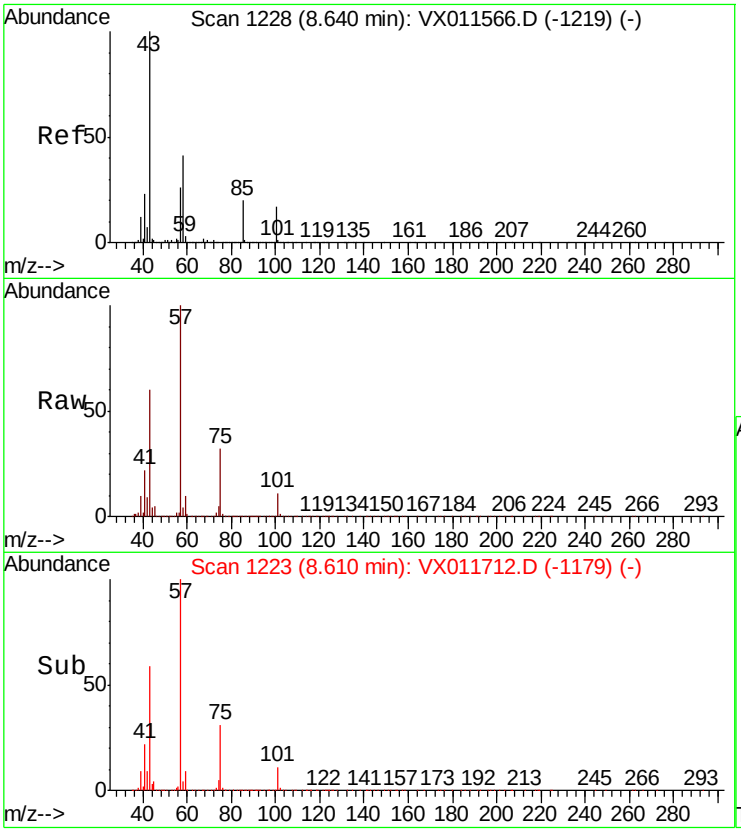


#50
Toluene-d8
Concen: 56.811 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 98 Resp: 583224

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.4	78.6



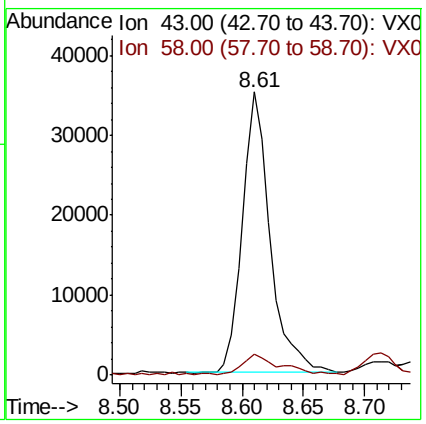


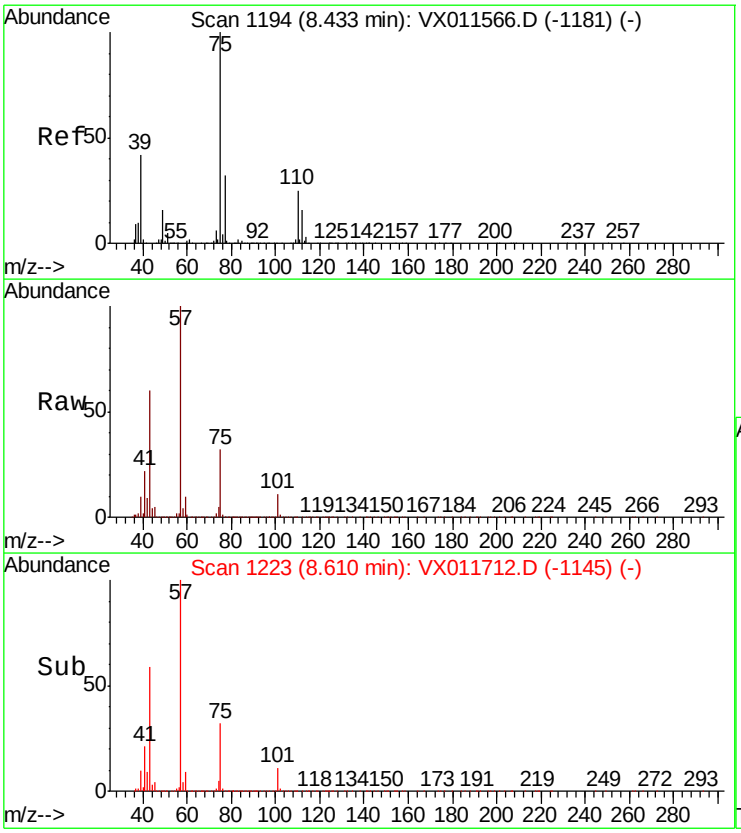
#51
4-Methyl-2-Pentanone
Concen: 10.954 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 43 Resp: 55429

Ion	Ratio	Lower	Upper
43	100		
58	9.5	31.8	47.6#

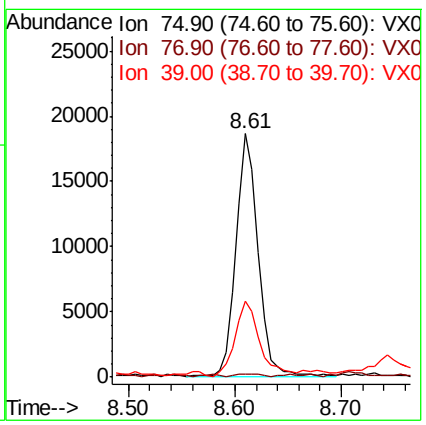


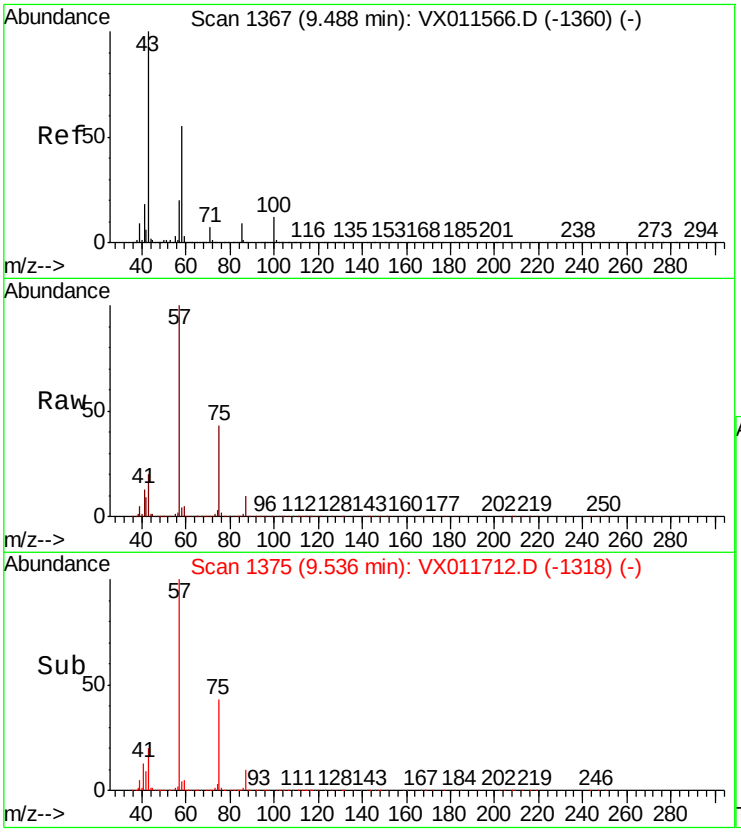


#54
cis-1,3-Dichloropropene
Concen: 5.357 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 75 Resp: 27099

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.5	38.3#
39	30.2	33.6	50.4#



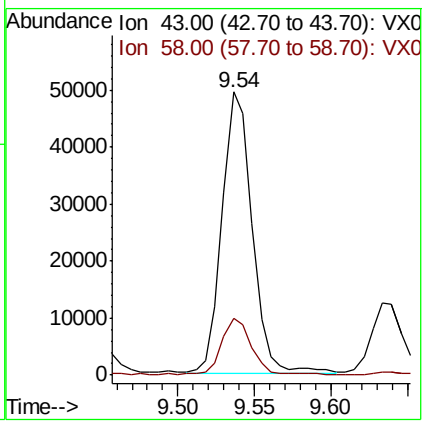


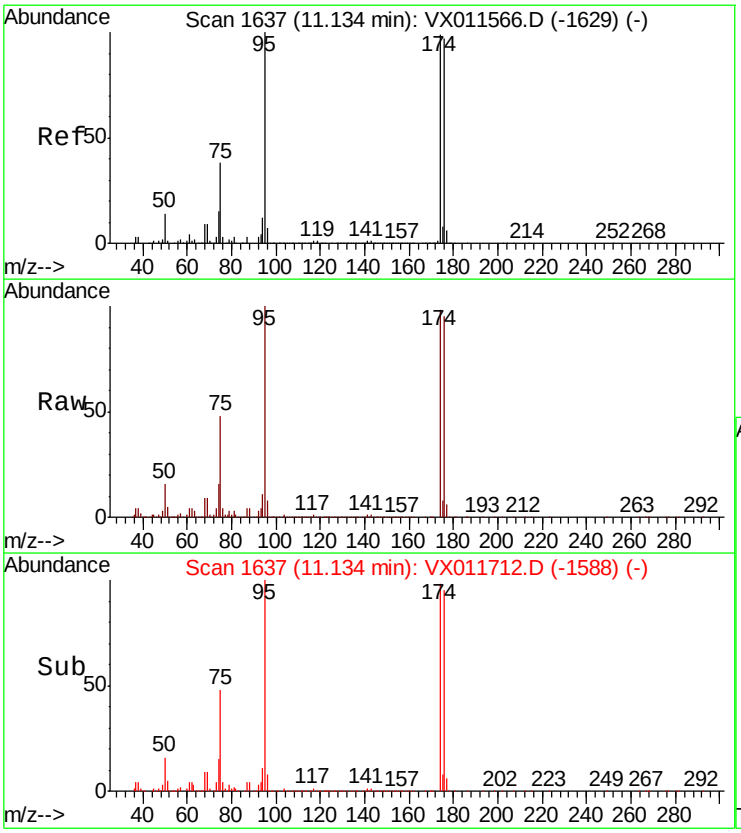
#59
2-Hexanone
Concen: 17.250 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument : MSVOA_X
ClientSampleId : T4-A3-(2)

Tgt Ion: 43 Resp: 67313

Ion	Ratio	Lower	Upper
43	100		
58	19.6	27.5	82.4#

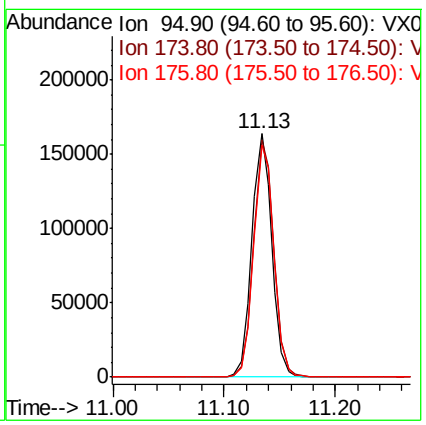


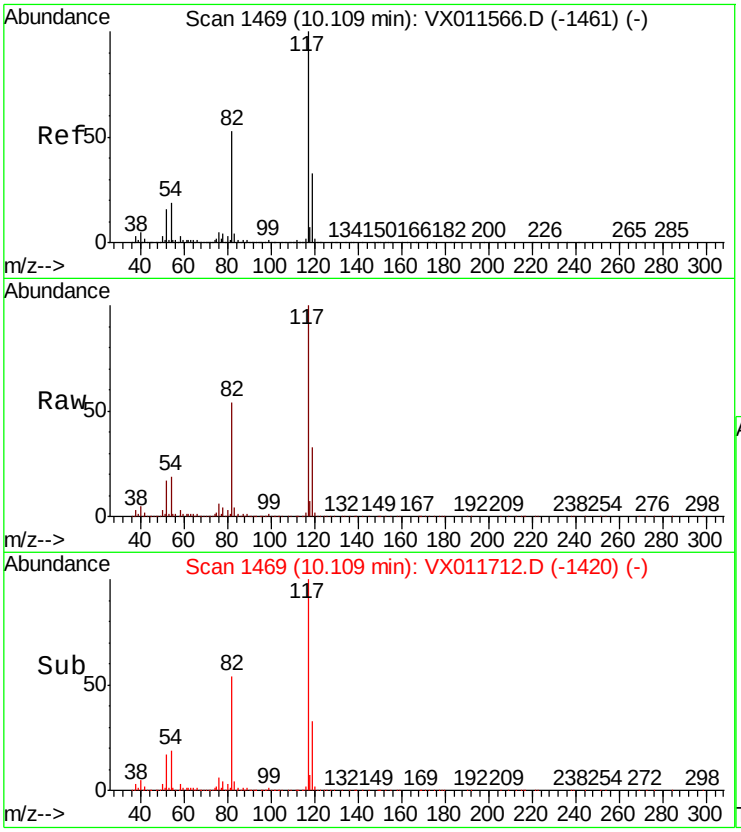


#62
4-Bromofluorobenzene
Concen: 47.207 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 95 Resp: 204554

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	200.6
176	96.8	0.0	196.6



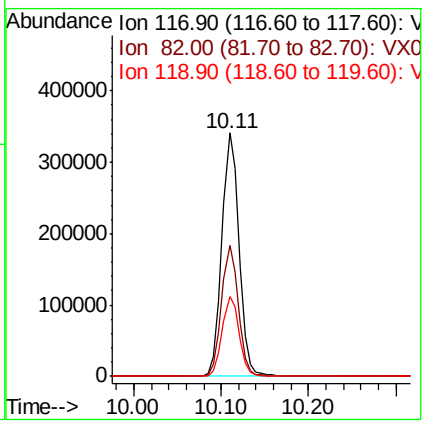


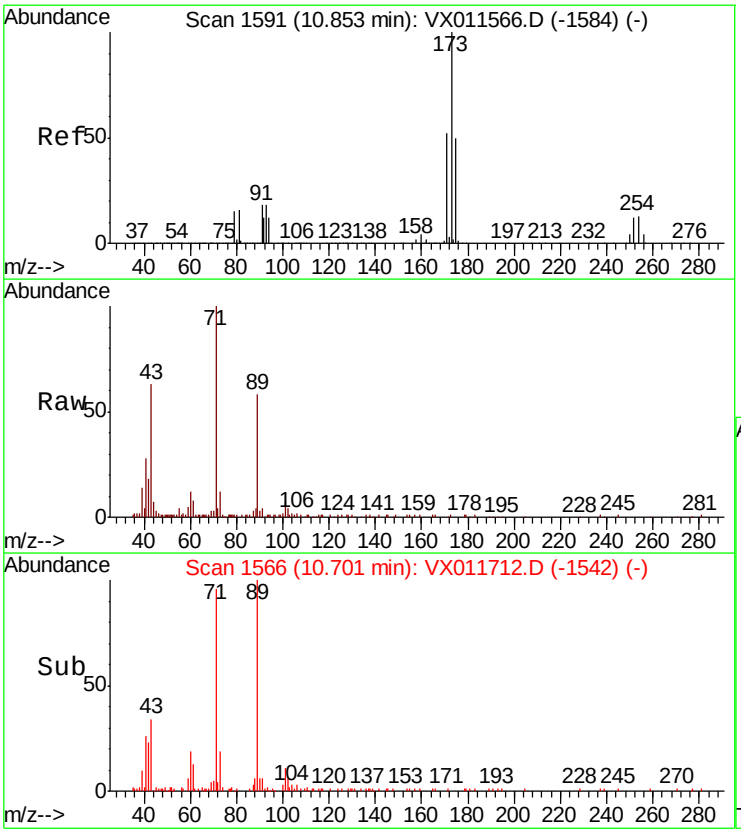
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument : MSVOA_X
ClientSampleId : T4-A3-(2)

Tgt Ion:117 Resp: 459708

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	32.5	26.5	39.7

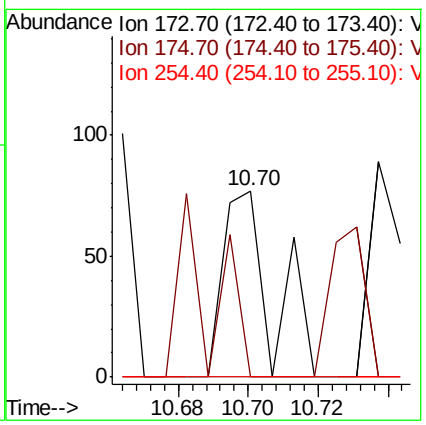


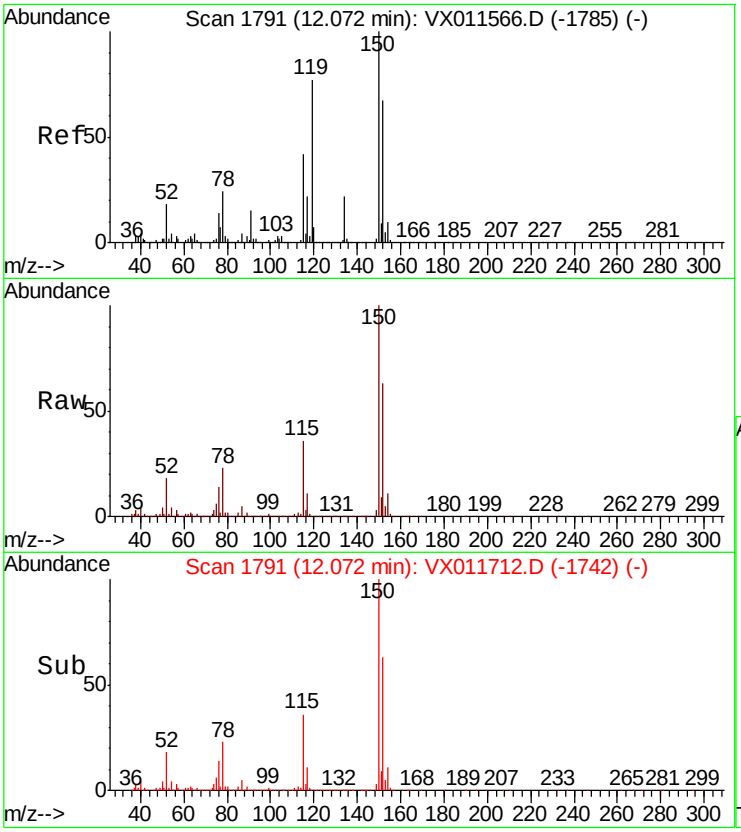


#71
Bromoform
Concen: 3.311 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.15 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion:173 Resp: 76

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



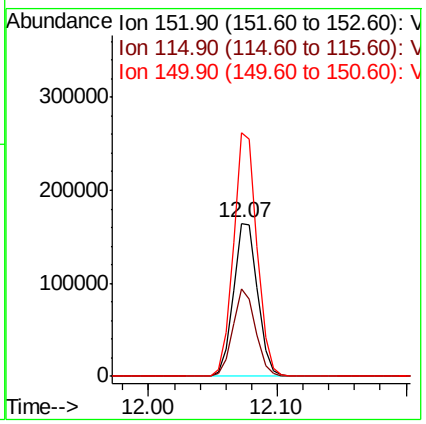


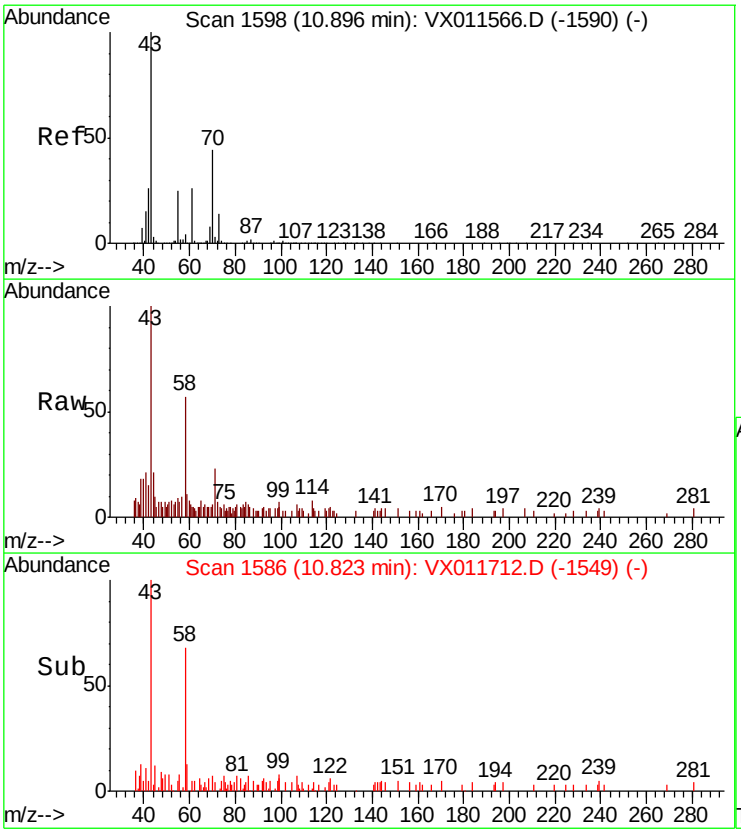
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion:152 Resp: 214594

Ion	Ratio	Lower	Upper
152	100		
115	53.8	37.3	111.9
150	154.9	0.0	346.2

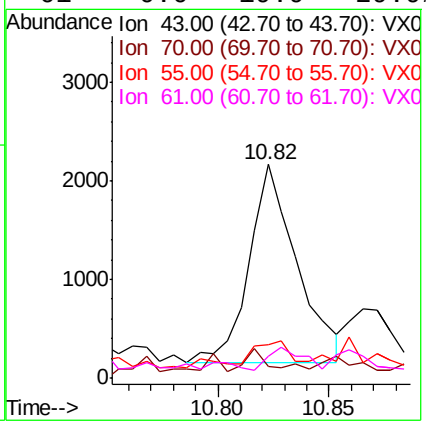


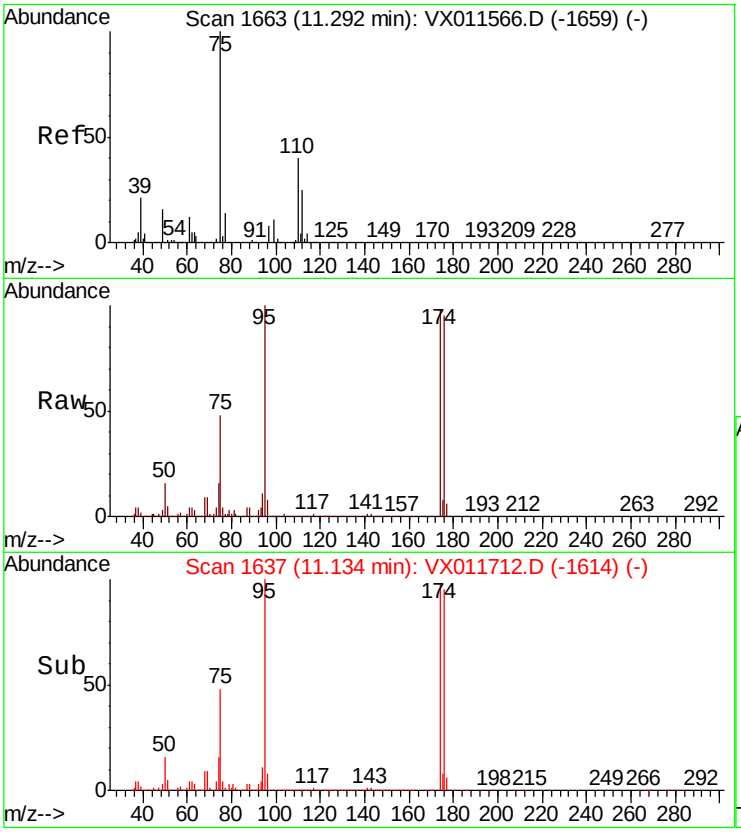


#74
N-amyl acetate
Concen: 0.505 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 43 Resp: 2986

Ion	Ratio	Lower	Upper
43	100		
70	6.6	34.7	52.1#
55	11.3	19.6	29.4#
61	0.0	19.9	29.9#



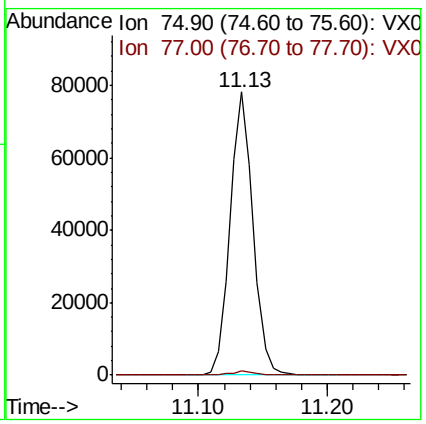


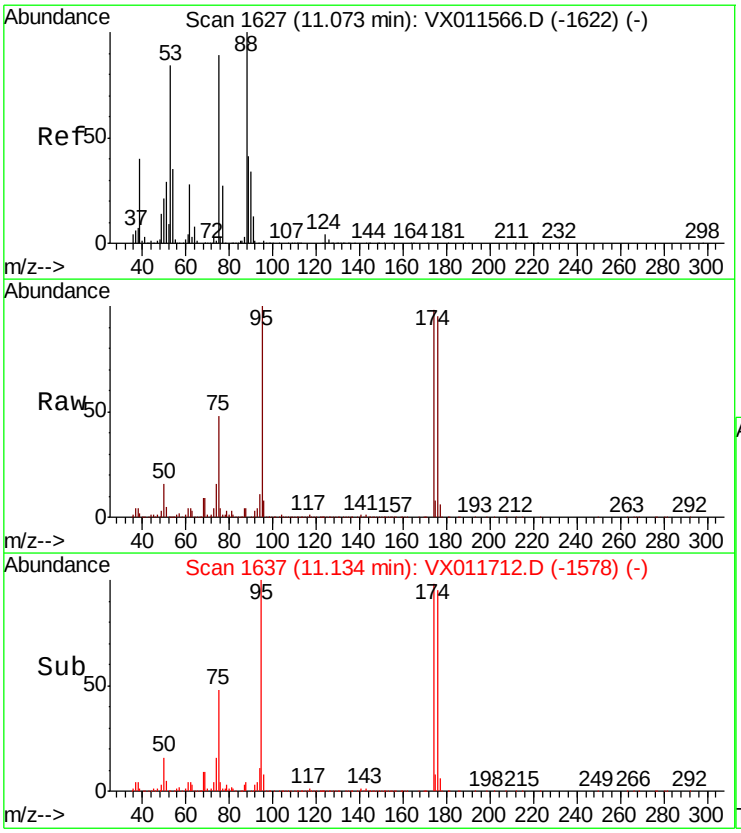
#76
1,2,3-Trichloropropane
Concen: 23.796 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(2)

Tgt Ion: 75 Resp: 96830

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.164 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011712.D
Acq: 21 Aug 2019 02:46

Tgt Ion: 75 Resp: 96830

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.4	116.0#
89	0.0	37.3	55.9#