Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011708.D
Acq On : 21 Aug 2019 01:12
Operator : JC/SP
Sample : K4387-32
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T4-A3-(0)

Quant Time: Aug 21 05:30:03 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	389281	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	521005	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	447998	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233467	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	191382	53.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.02%				
35) Dibromofluoromethane	5.49	113	161731	47.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.92%				
50) Toluene-d8	8.71	98	565366	53.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.50%				
62) 4-Bromofluorobenzene	11.13	95	213667	47.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.36%				
Target Compounds							Qvalue
8) Diethyl Ether	2.23	74	376	0.220	ug/l		66
11) Tert butyl alcohol	3.01	59	5468	6.174	ug/l	#	80
13) Acrolein	2.28	56	486	13.880	ug/l	#	63
16) Acetone	2.43	43	6317	3.480	ug/l	#	88
18) Methyl Acetate	2.77	43	3490	0.620	ug/l	#	83
20) Methylene Chloride	2.85	84	2768	0.726	ug/l		87
25) 2-Butanone	4.69	43	954	0.335	ug/l		89
36) 1,1-Dichloropropene	5.66	75	23213	5.211	ug/l	#	49
38) Carbon Tetrachloride	5.65	117	33315	6.788	ug/l	#	16
43) Isopropyl Acetate	6.44	43	61985	7.752	ug/l		99
48) Methyl methacrylate	7.68	41	3438	0.868	ug/l	#	14
49) 1,4-Dioxane	7.77	88	377	3.580	ug/l	#	48
51) 4-Methyl-2-Pentanone	8.61	43	54335	10.382	ug/l	#	53
54) cis-1,3-Dichloropropene	8.61	75	25180	4.813	ug/l	#	66
59) 2-Hexanone	9.54	43	61951	15.350	ug/l	#	54
71) Bromoform	10.93	173	80	3.313	ug/l	#	28
74) N-amyl acetate	10.82	43	2821	0.438	ug/l	#	46
76) 1,2,3-Trichloropropane	11.13	75	101502	22.928	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	101502	61.023	ug/l	#	11

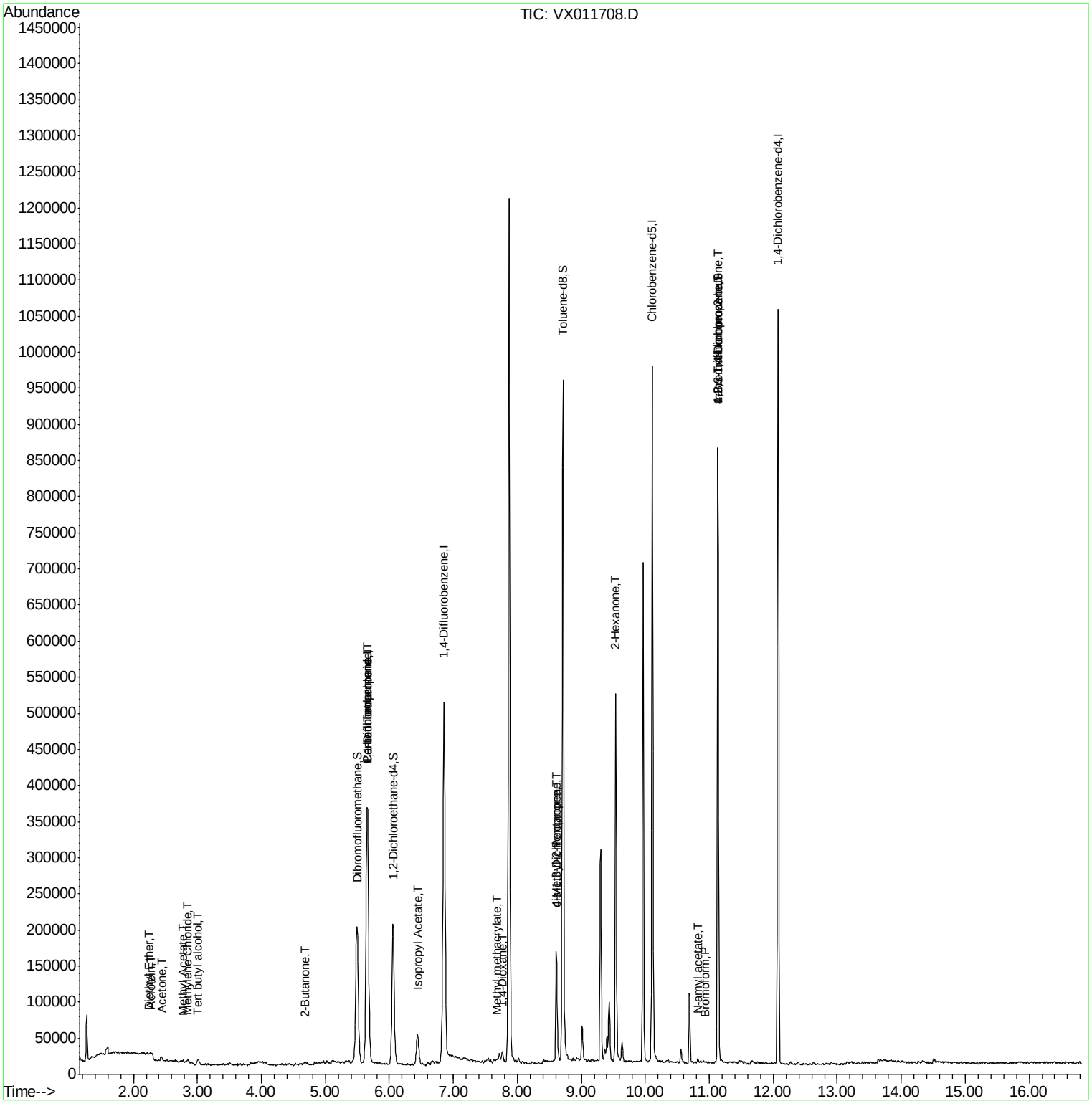
(#) = qualifier out of range (m) = manual integration (+) = signals summed

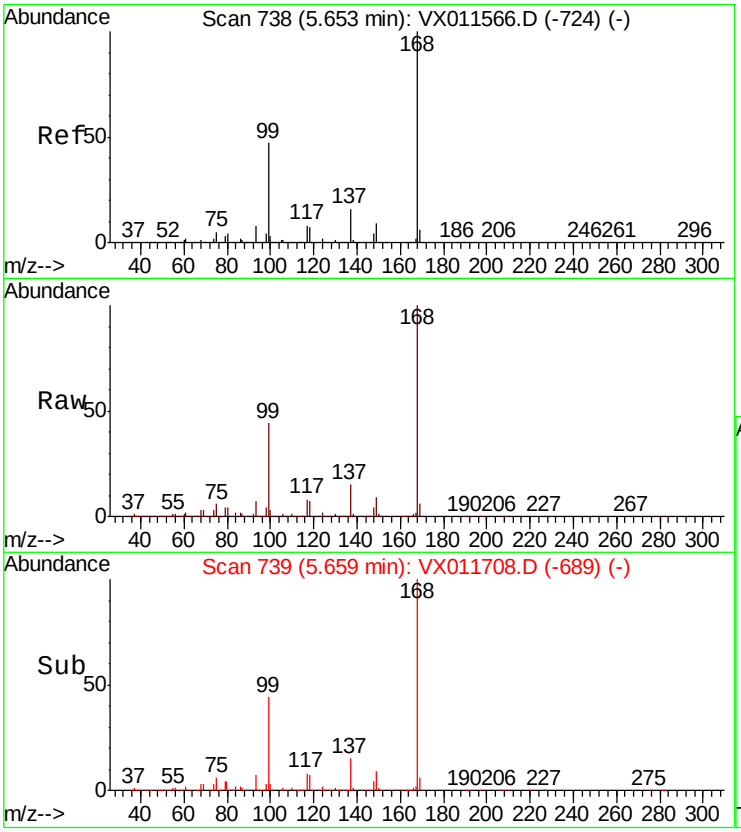
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011708.D
Acq On : 21 Aug 2019 01:12
Operator : JC/SP
Sample : K4387-32
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Quant Time: Aug 21 05:30:03 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



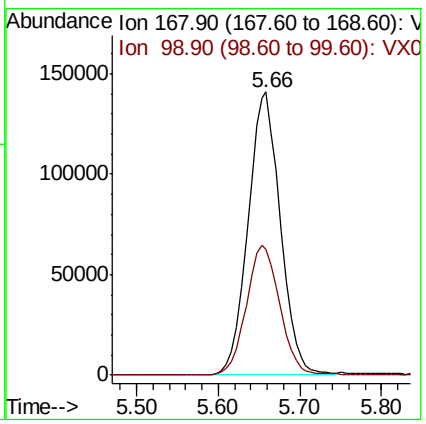


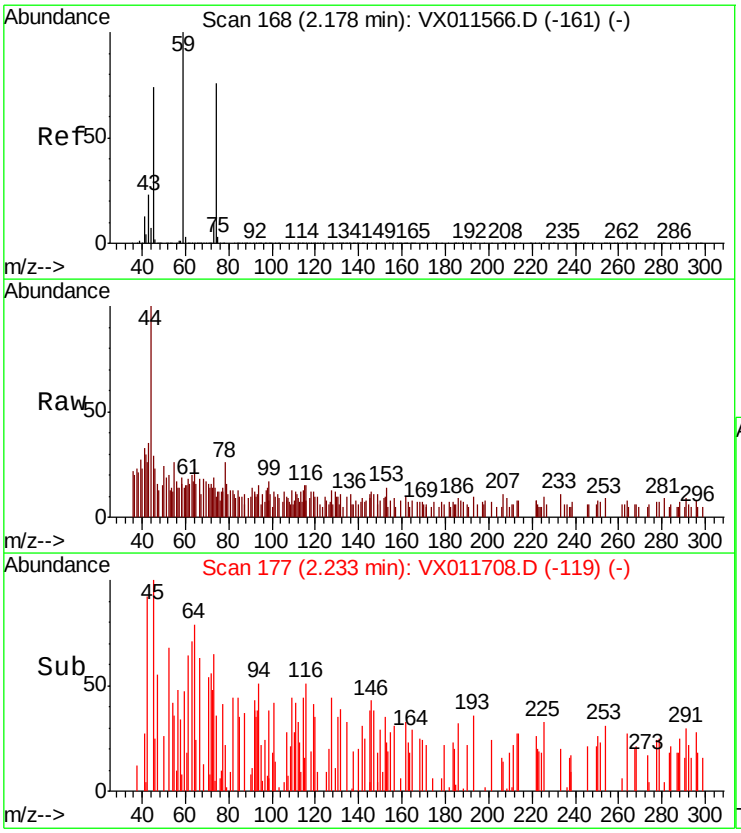
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion:168 Resp: 389281

Ion	Ratio	Lower	Upper
168	100		
99	44.3	37.3	55.9

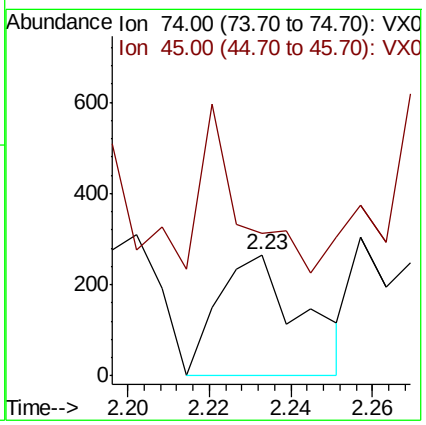


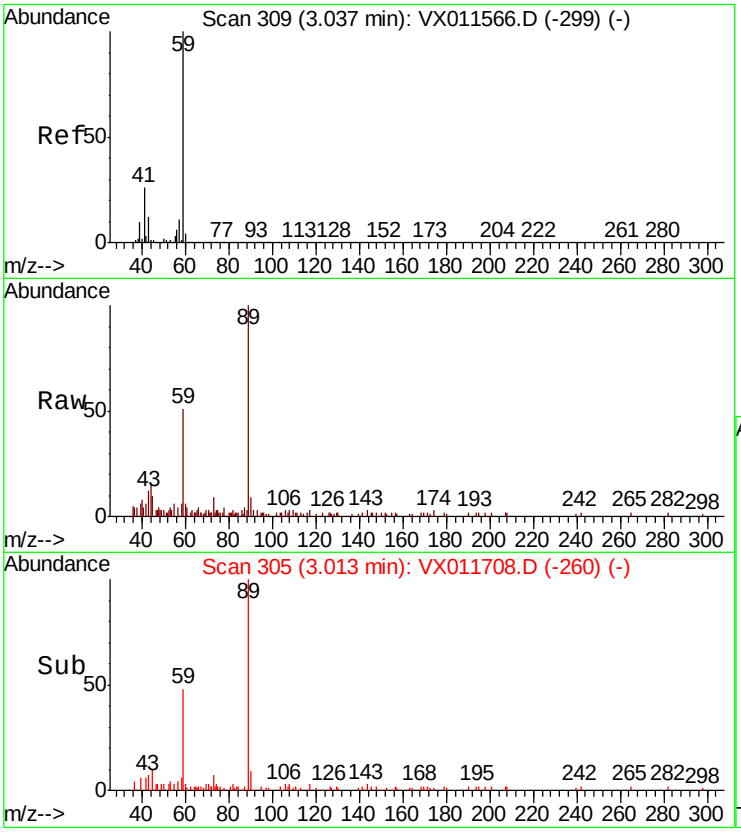


#8
Diethyl Ether
Concen: 0.220 ug/l
RT: 2.23 min Scan# 177
Delta R.T. 0.05 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 74 Resp: 376

Ion	Ratio	Lower	Upper
74	100		
45	63.6	48.2	144.6



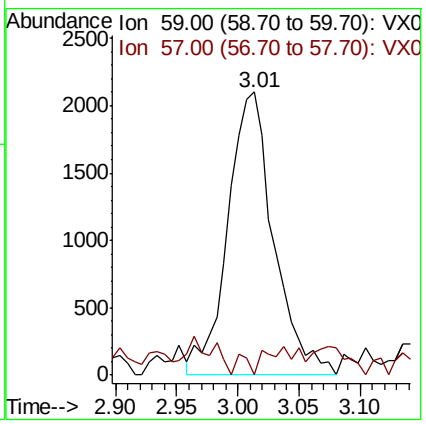


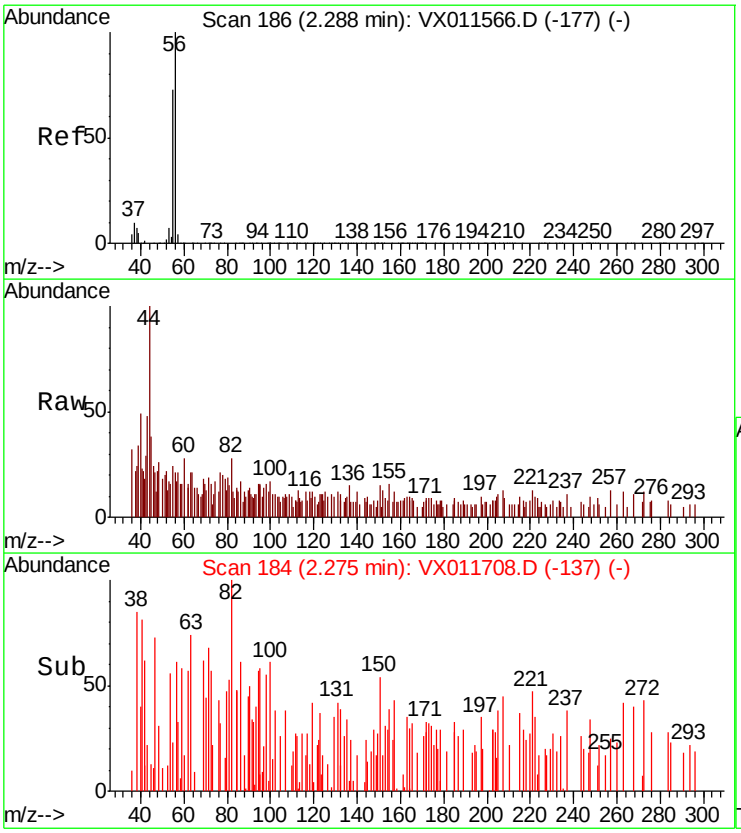
#11
Tert butyl alcohol
Concen: 6.174 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument : MSVOA_X
ClientSampleId : T4-A3-(0)

Tgt Ion: 59 Resp: 5468

Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.7	13.1#

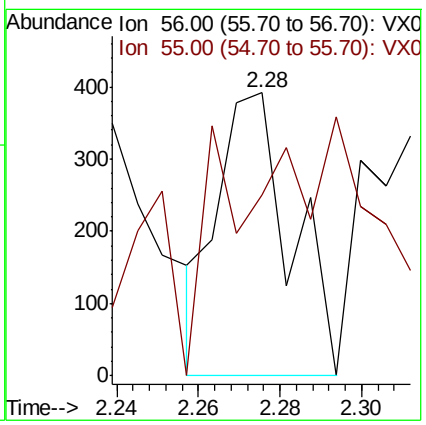


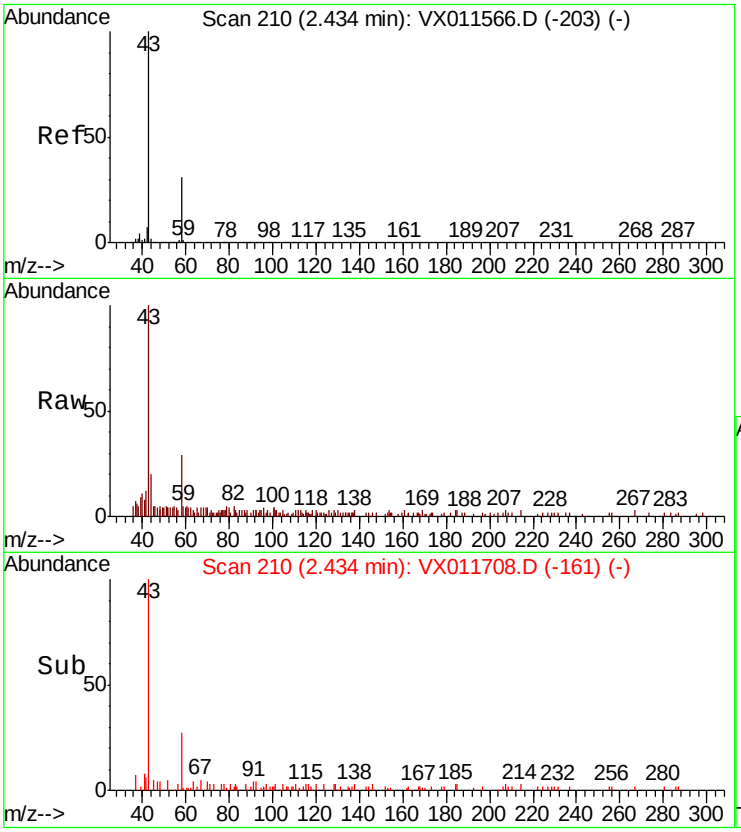


#13
Acrolein
Concen: 13.880 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 56 Resp: 486

Ion	Ratio	Lower	Upper
56	100		
55	99.8	55.5	83.3#



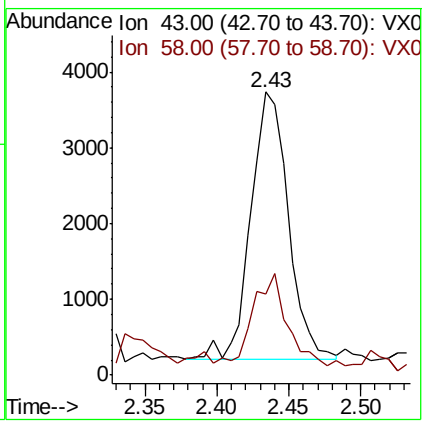


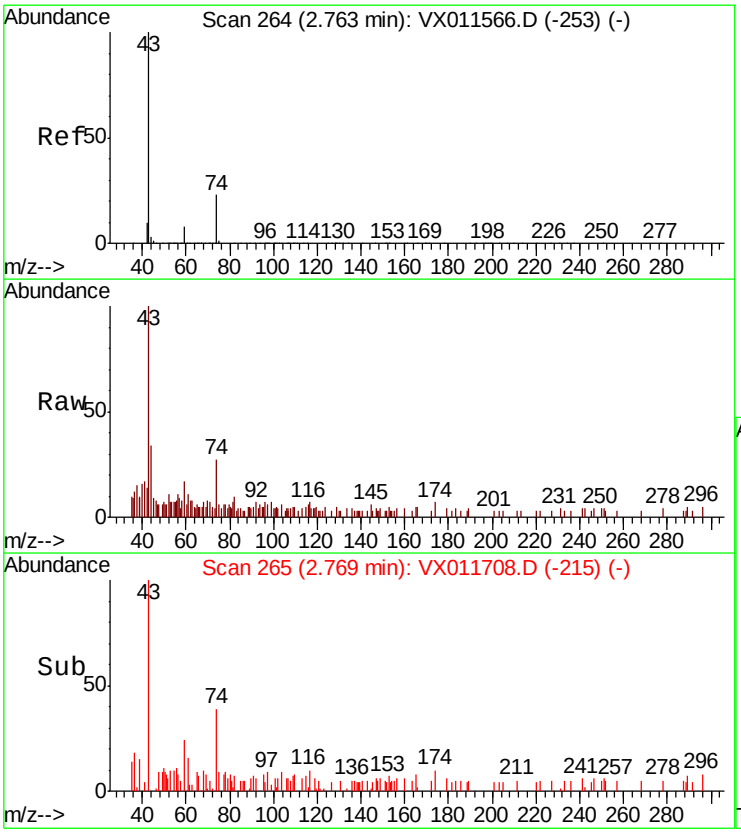
#16
Acetone
Concen: 3.480 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 43 Resp: 6317

Ion	Ratio	Lower	Upper
43	100		
58	25.0	25.2	37.8#

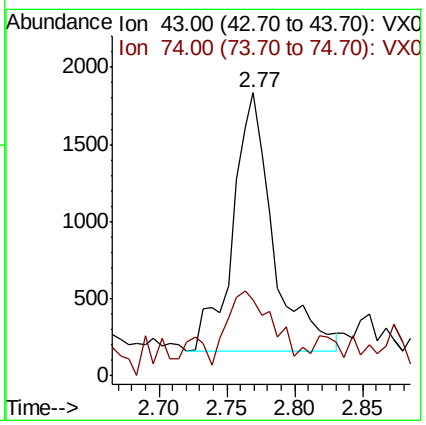


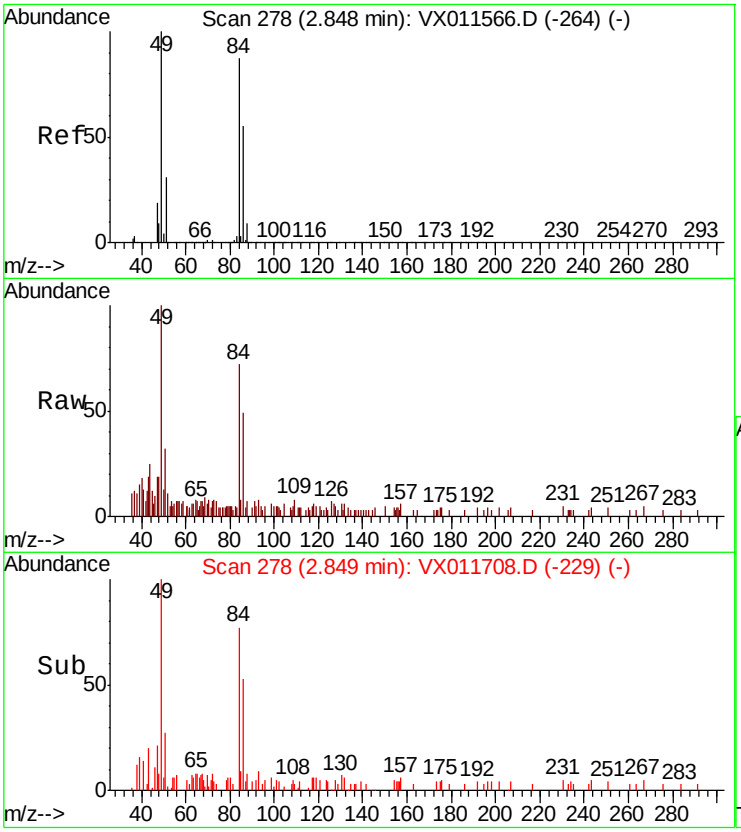


#18
Methyl Acetate
Concen: 0.620 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 43 Resp: 3490

Ion	Ratio	Lower	Upper
43	100		
74	33.2	19.7	29.5#



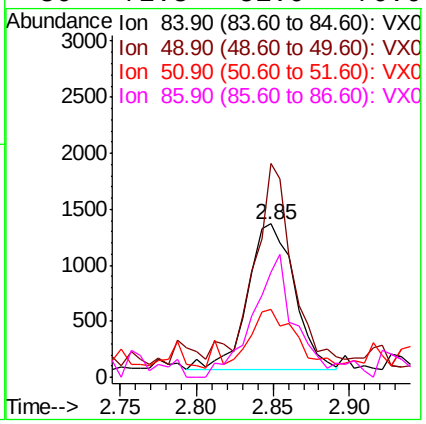


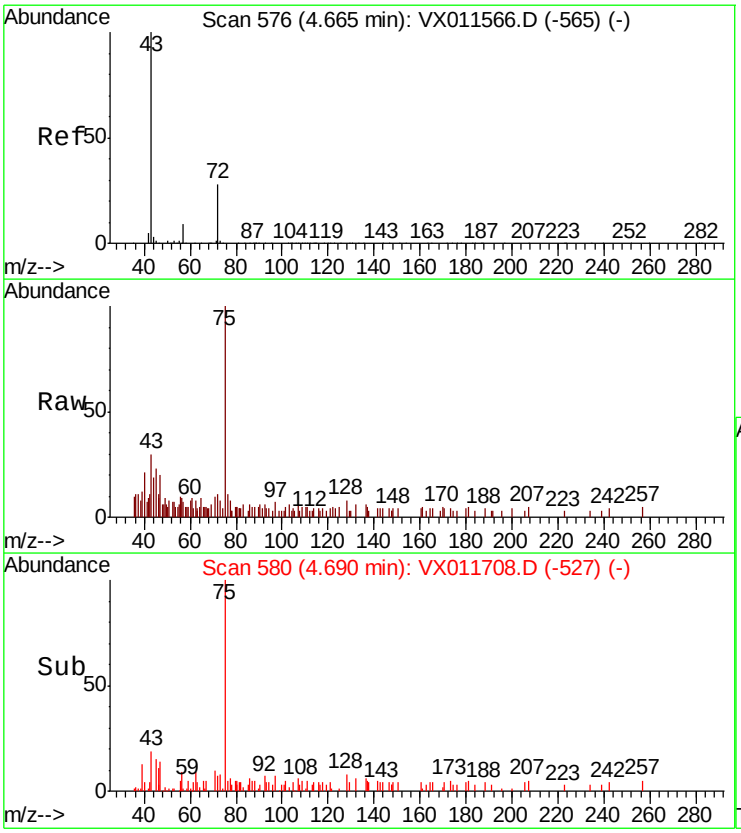
#20
Methylene Chloride
Concen: 0.726 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 84 Resp: 2768

Ion	Ratio	Lower	Upper
84	100		
49	133.2	92.4	138.6
51	38.4	28.5	42.7
86	72.3	51.0	76.6

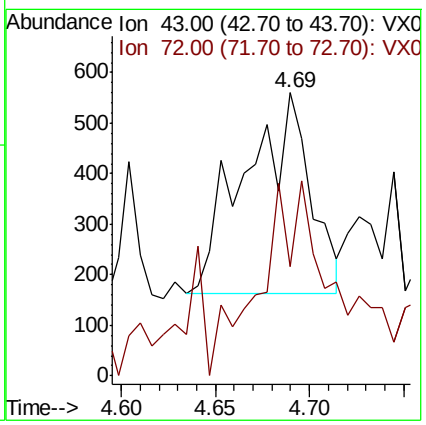


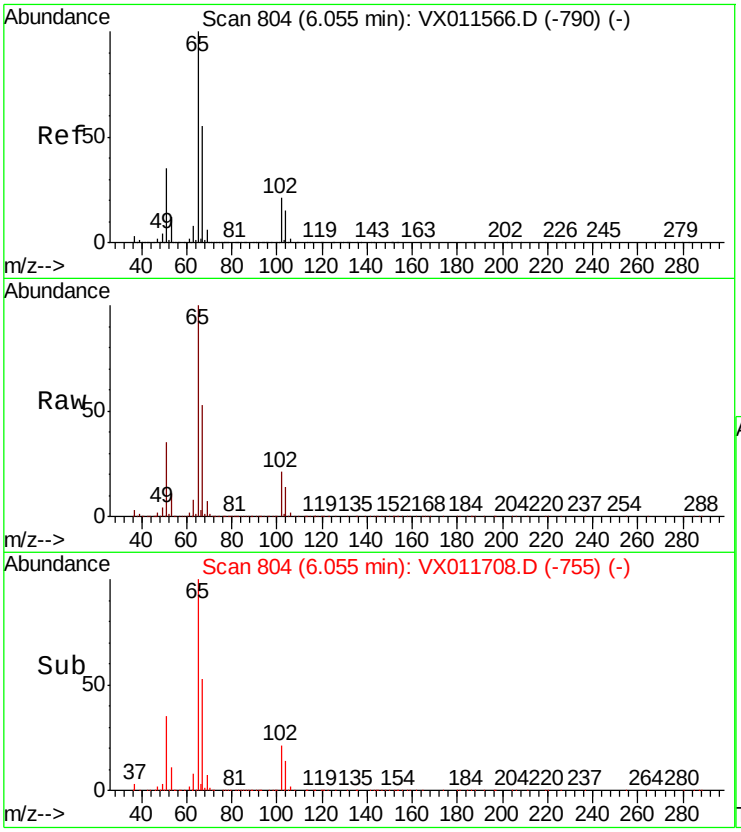


#25
2-Butanone
Concen: 0.335 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
72	33.3	22.2	33.4



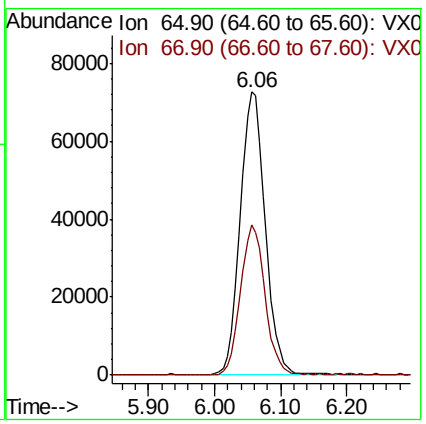


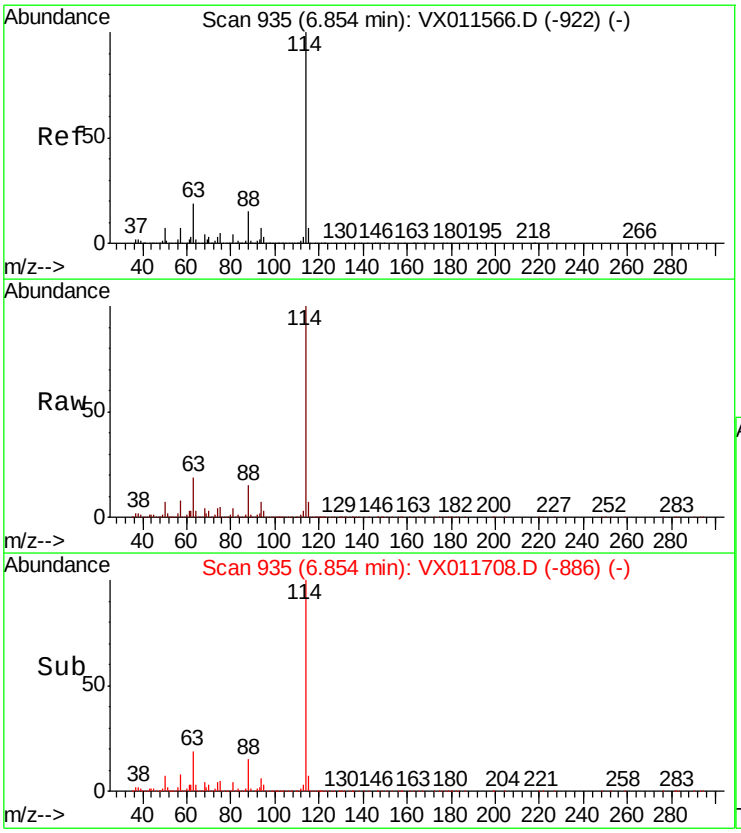
#33
1,2-Dichloroethane-d4
Concen: 53.014 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 65 Resp: 191382

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.6

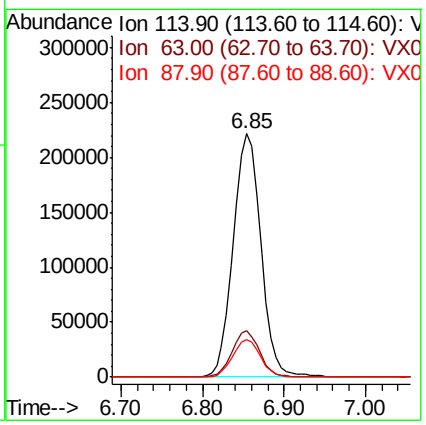


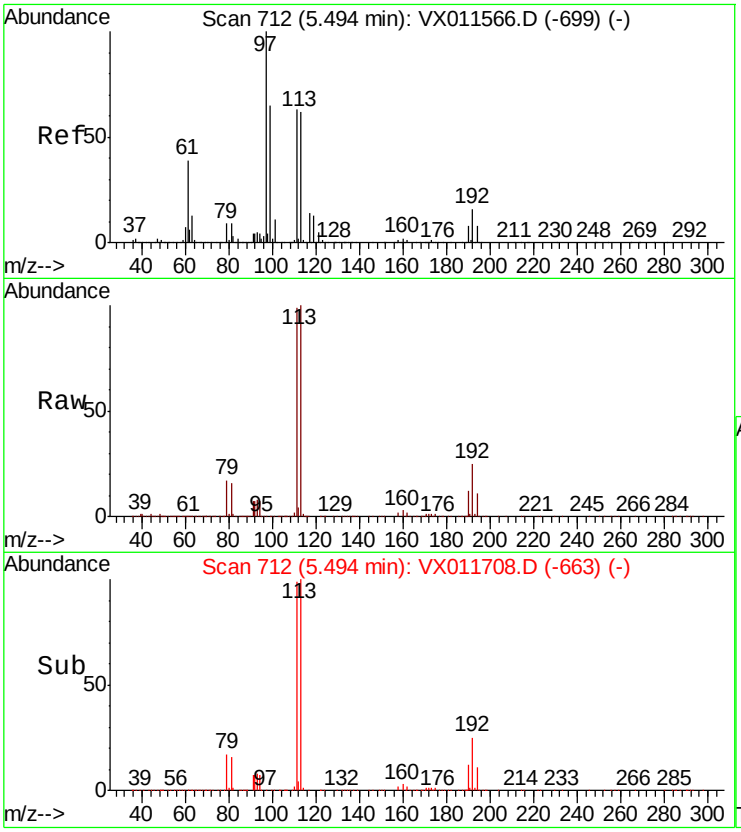


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion:114 Resp: 521005

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.8
88	15.5	0.0	30.2



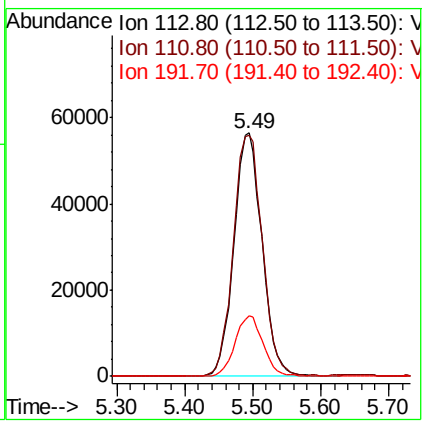


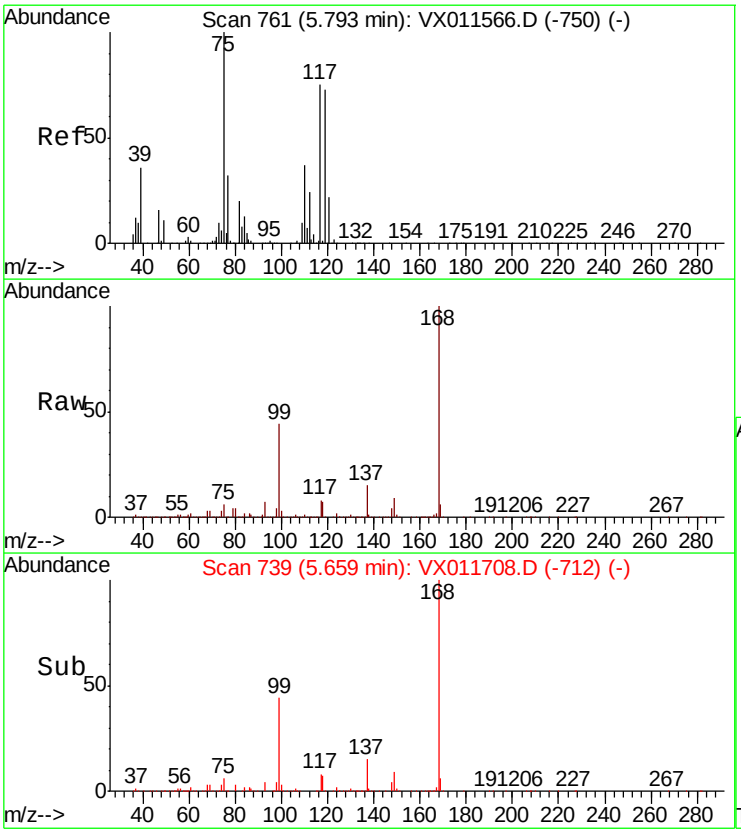
#35
Dibromofluoromethane
Concen: 47.460 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion:113 Resp: 161731

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	25.1	20.8	31.2

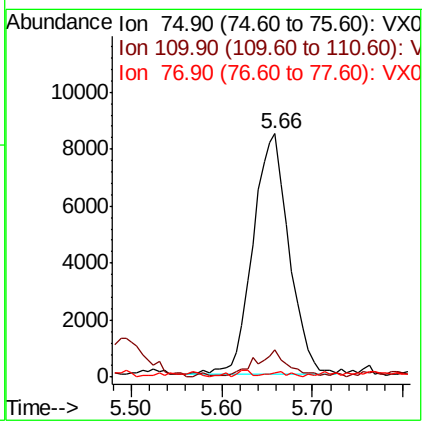


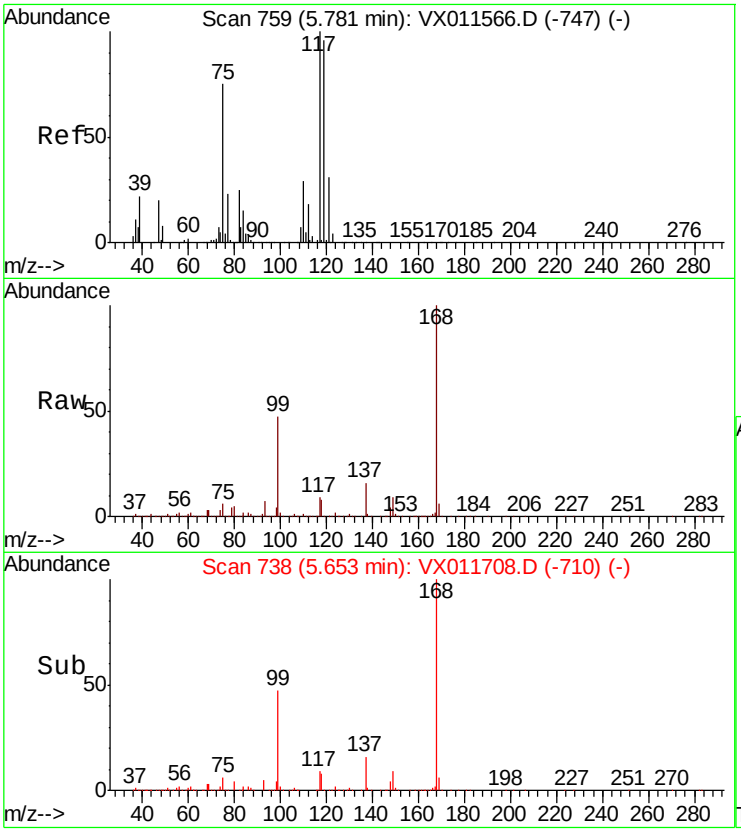


#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 75 Resp: 23213

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.4	58.1#
77	1.3	25.1	37.7#



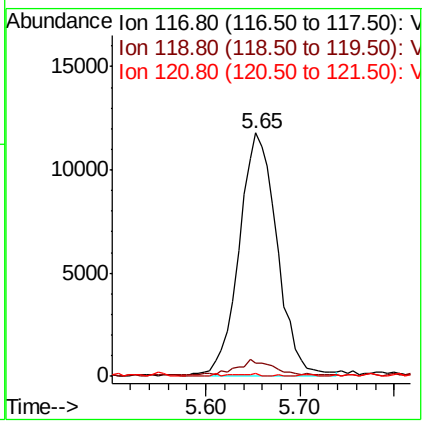


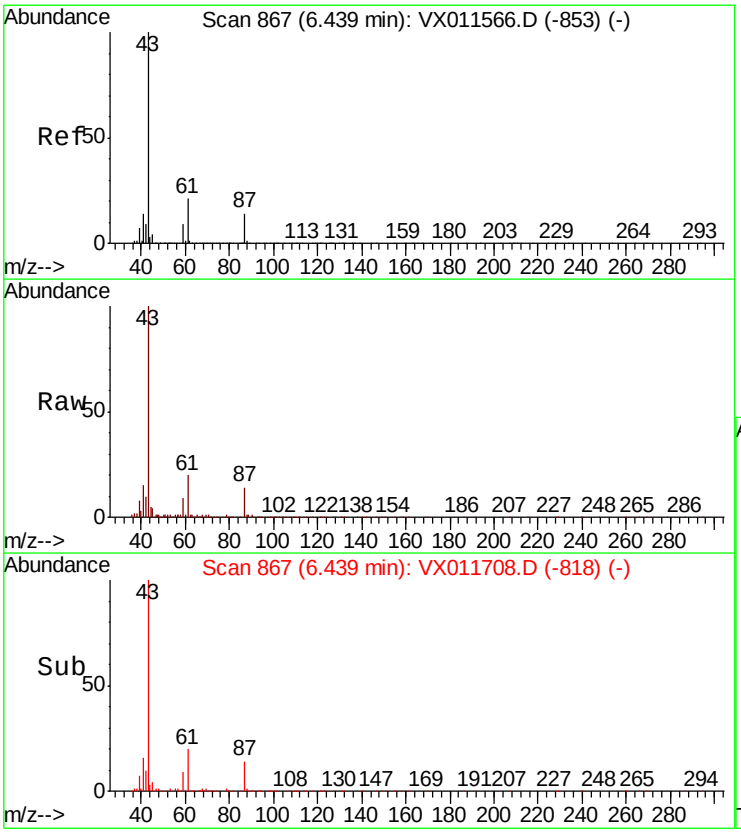
#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion:117 Resp: 33315

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.9	115.3#
121	1.3	24.8	37.2#

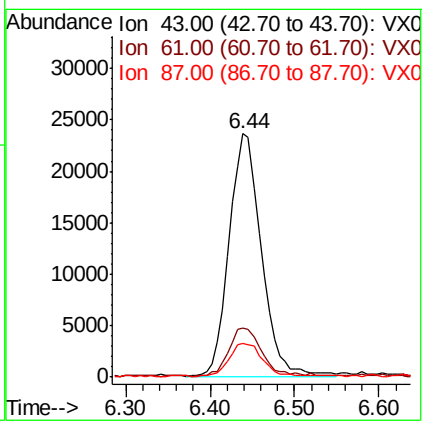


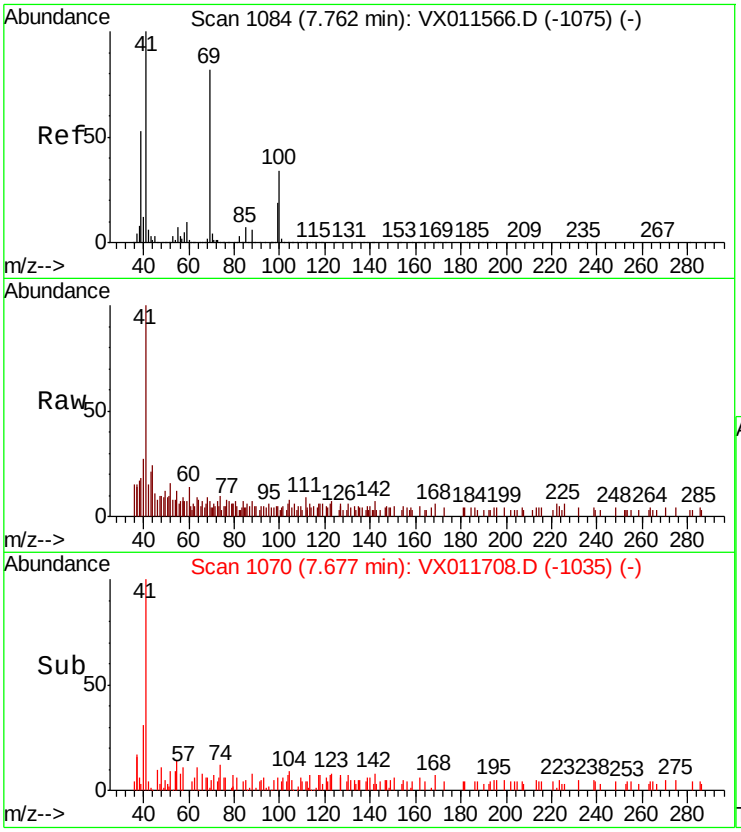


#43
Isopropyl Acetate
Concen: 7.752 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 43 Resp: 61985

Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.6	24.8
87	14.1	11.4	17.2



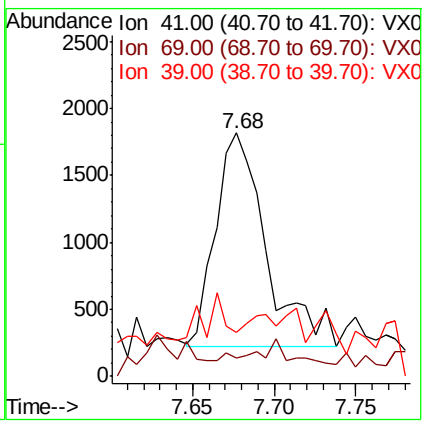


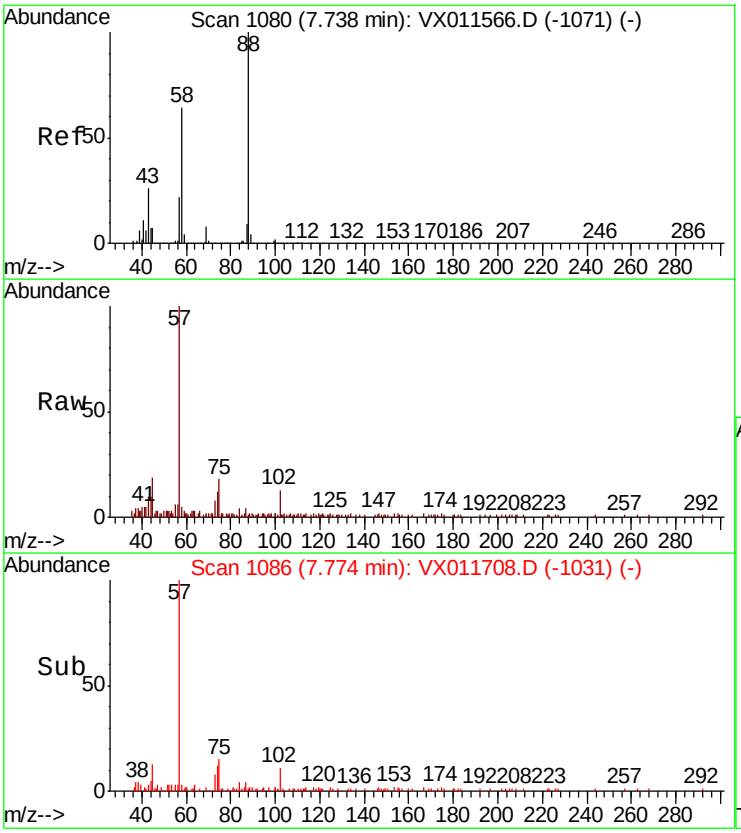
#48
Methyl methacrylate
Concen: 0.868 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 41 Resp: 3438

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

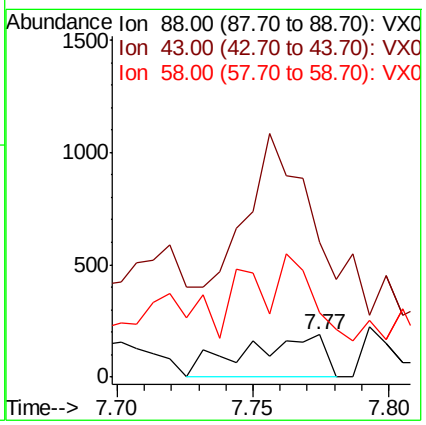


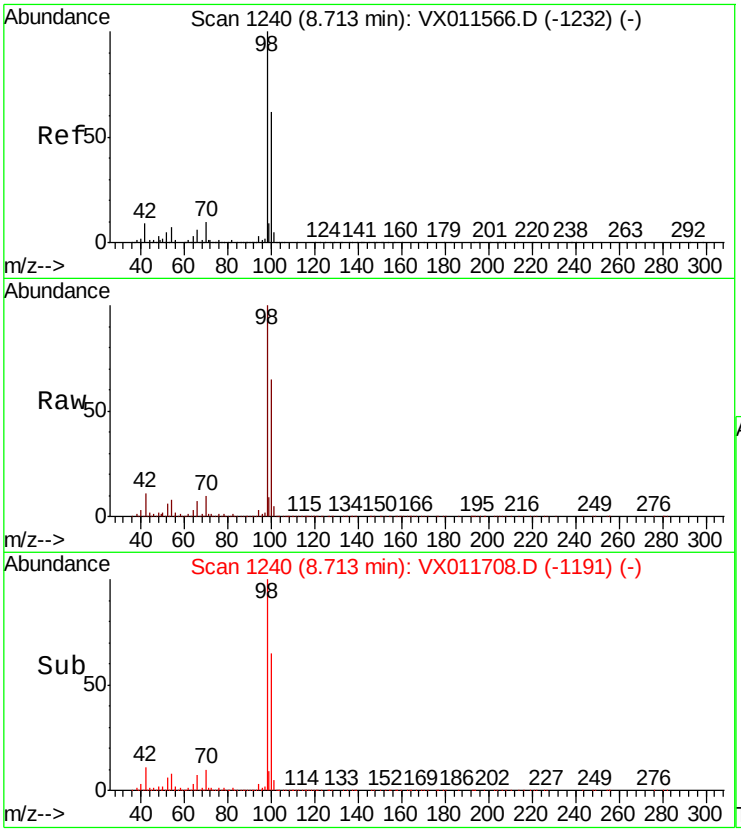


#49
1,4-Dioxane
Concen: 3.580 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	109.5	54.3	81.5#



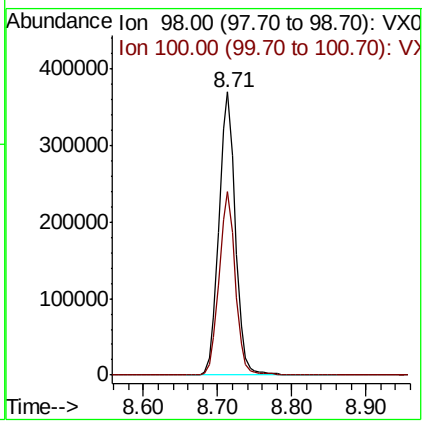


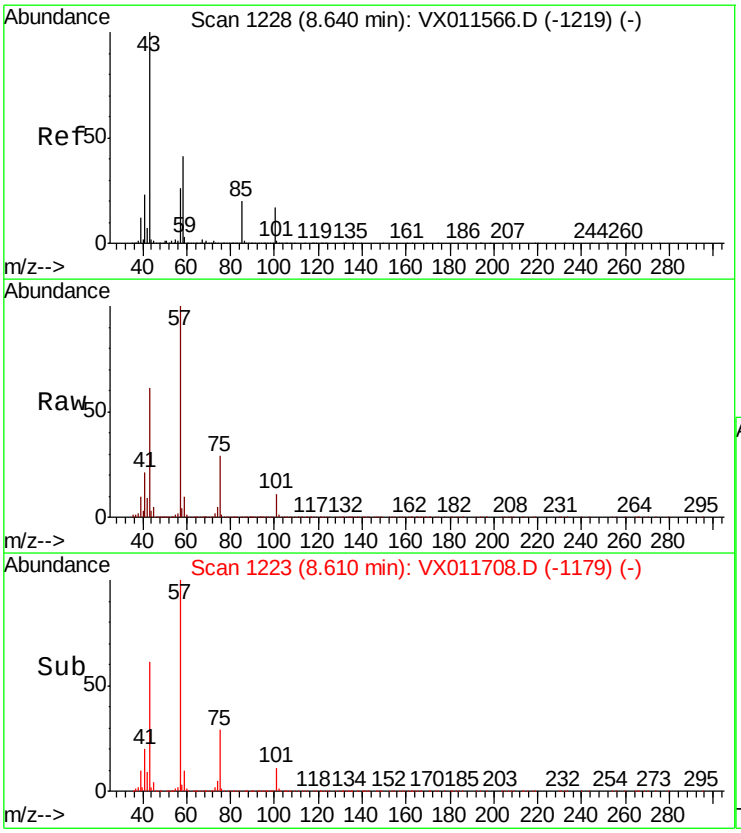
#50
Toluene-d8
Concen: 53.246 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument : MSVOA_X
ClientSampleId : T4-A3-(0)

Tgt Ion: 98 Resp: 565366

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6

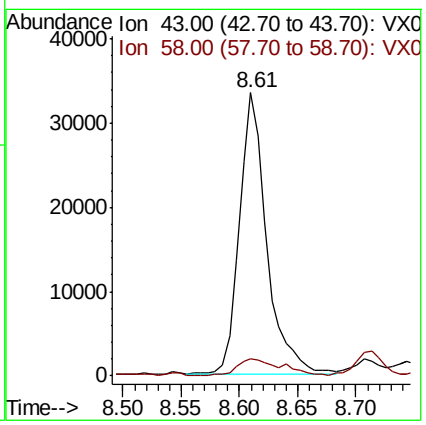


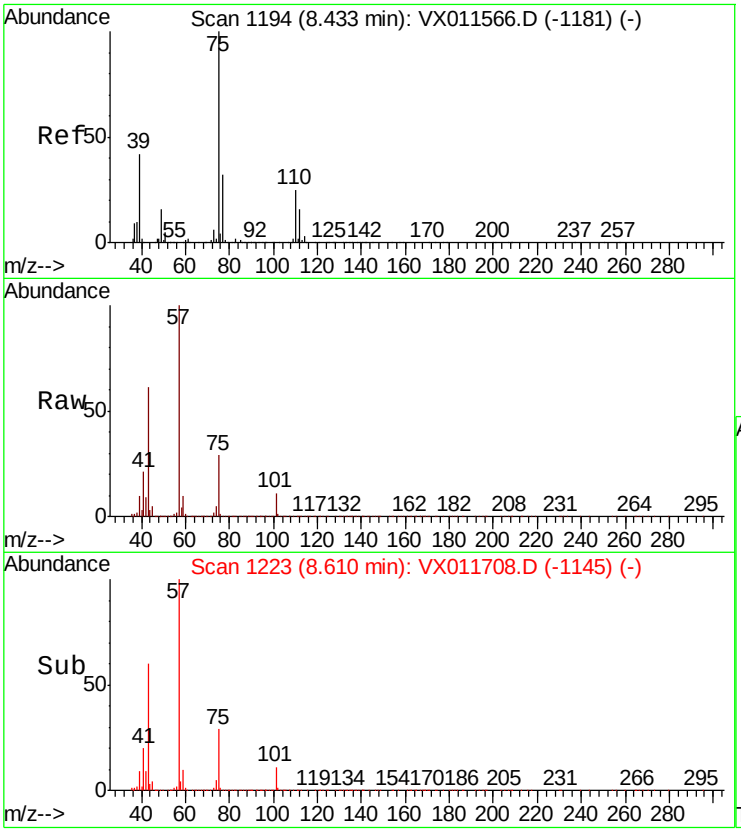


#51
4-Methyl-2-Pentanone
Concen: 10.382 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 43 Resp: 54335

Ion	Ratio	Lower	Upper
43	100		
58	10.5	31.8	47.6#



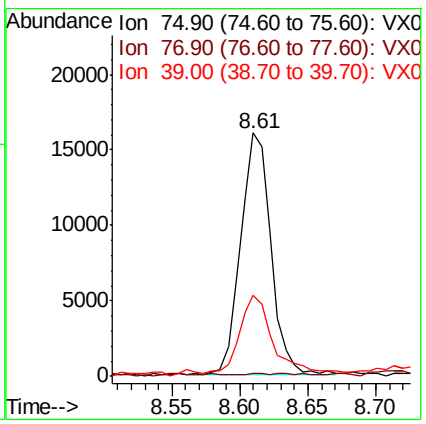


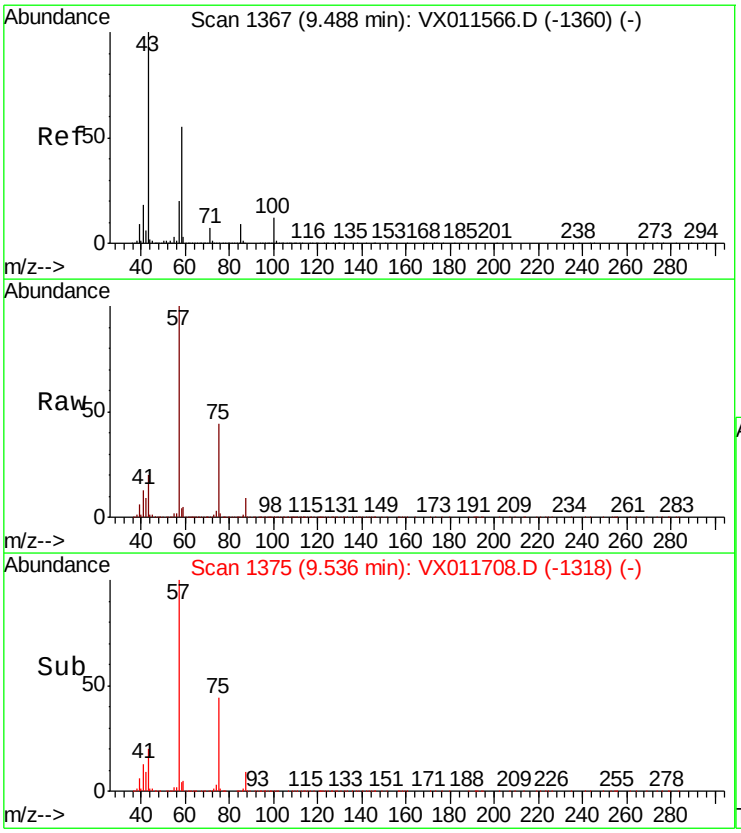
#54
cis-1,3-Dichloropropene
Concen: 4.813 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 75 Resp: 25180

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.5	38.3#
39	31.3	33.6	50.4#

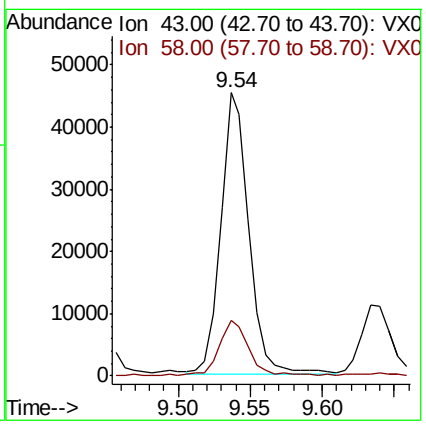


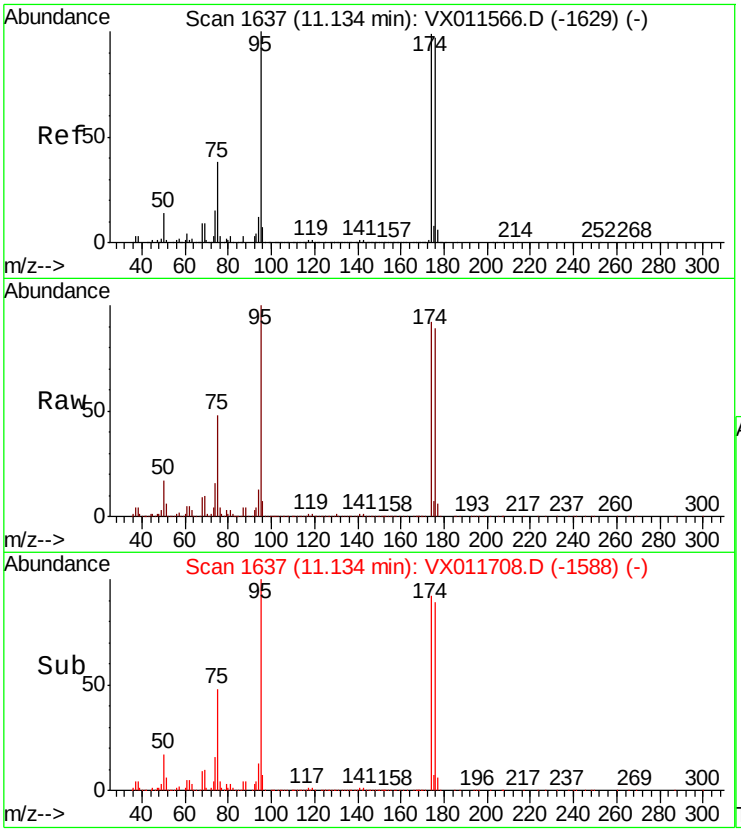


#59
2-Hexanone
Concen: 15.350 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 43 Resp: 61951

Ion	Ratio	Lower	Upper
43	100		
58	21.6	27.5	82.4#



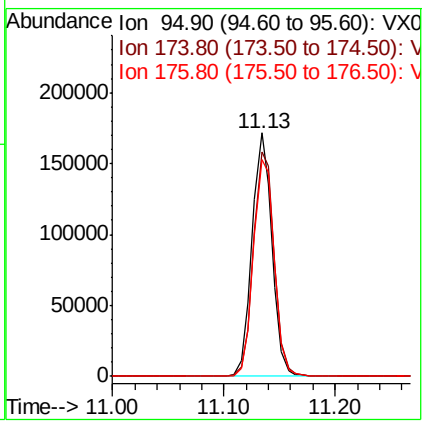


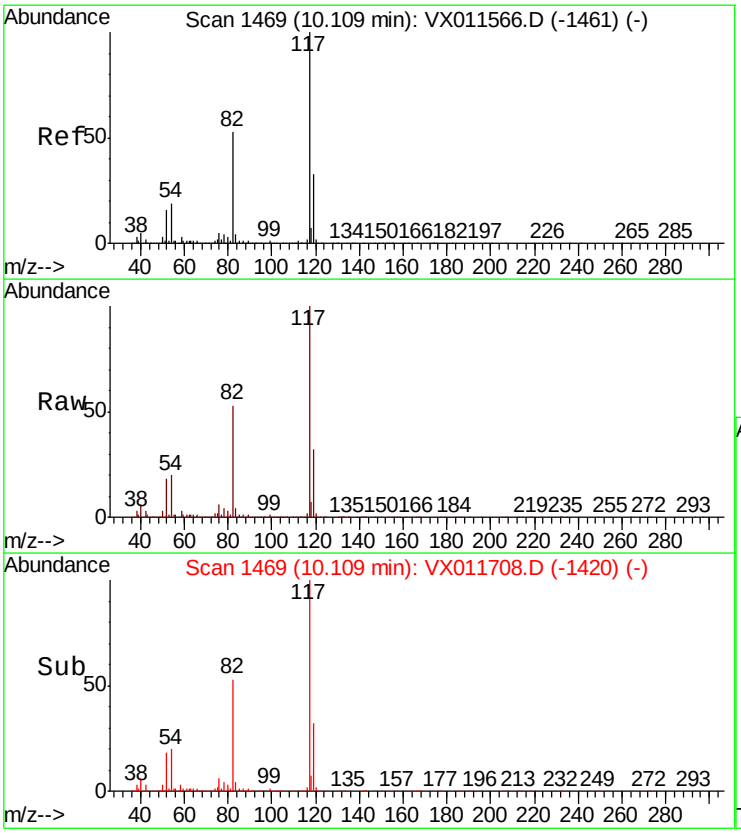
#62
4-Bromofluorobenzene
Concen: 47.676 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 95 Resp: 213667

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	200.6
176	93.6	0.0	196.6

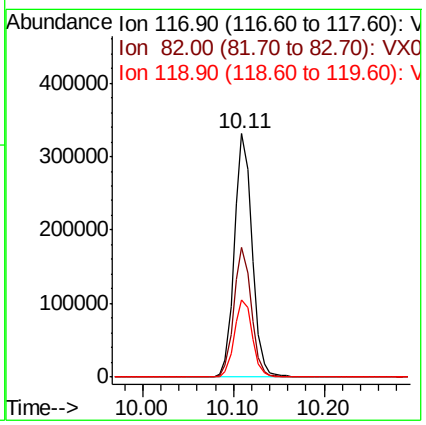


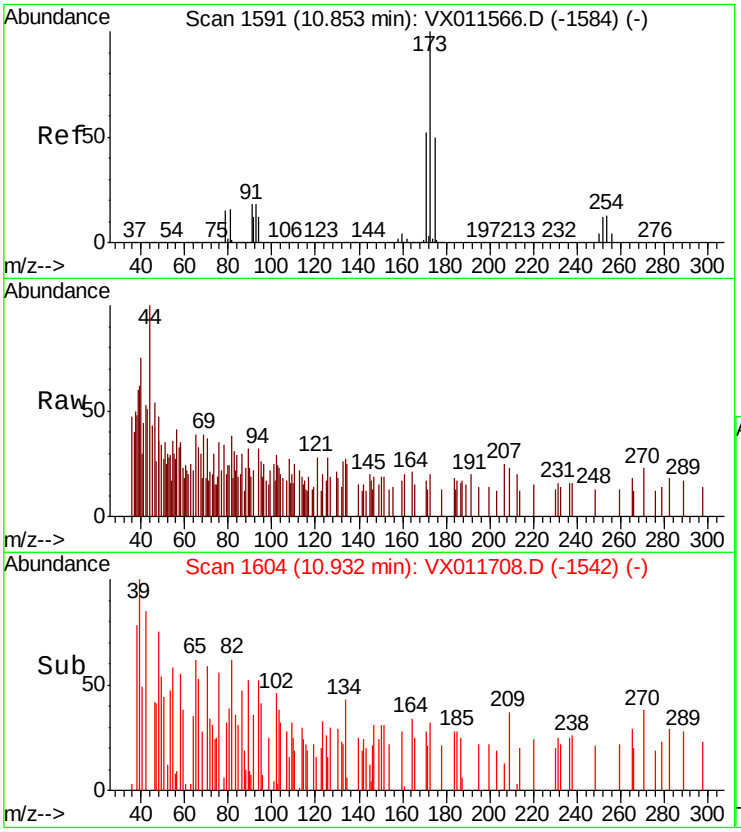


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion:117 Resp: 447998

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.0	63.0
119	31.7	26.5	39.7



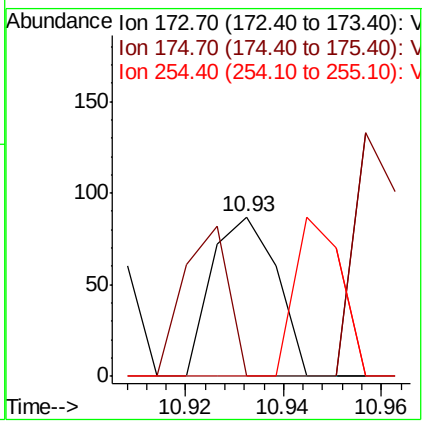


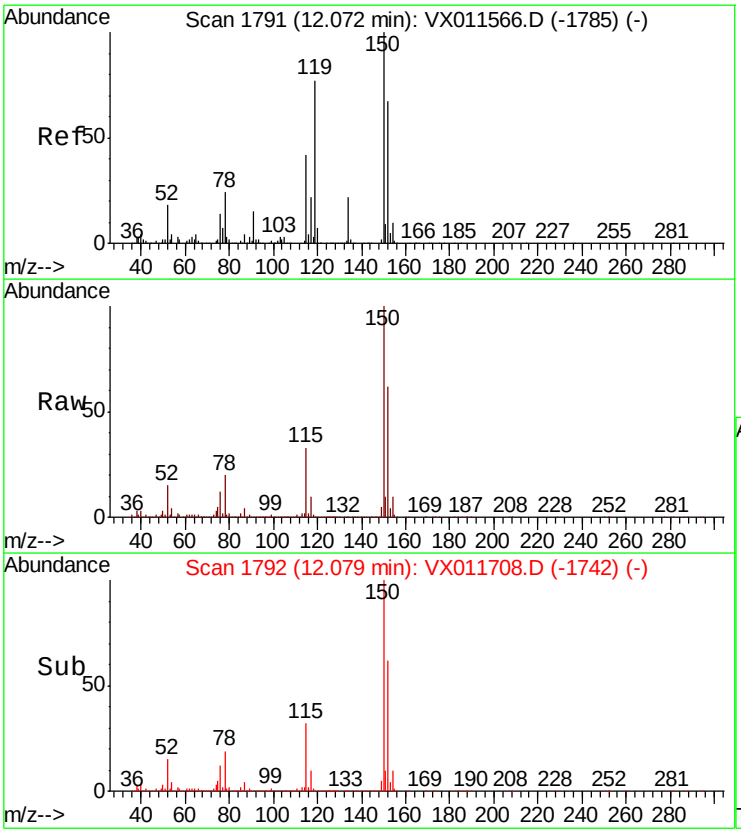
#71
Bromoform
Concen: 3.313 ug/l
RT: 10.93 min Scan# 1604
Delta R.T. 0.08 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument : MSVOA_X
ClientSampleId : T4-A3-(0)

Tgt Ion:173 Resp: 80

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	71.3	0.1	0.1#

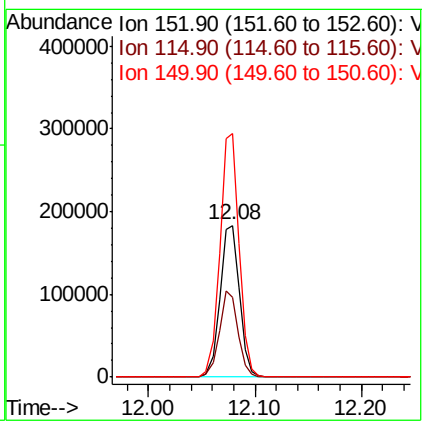


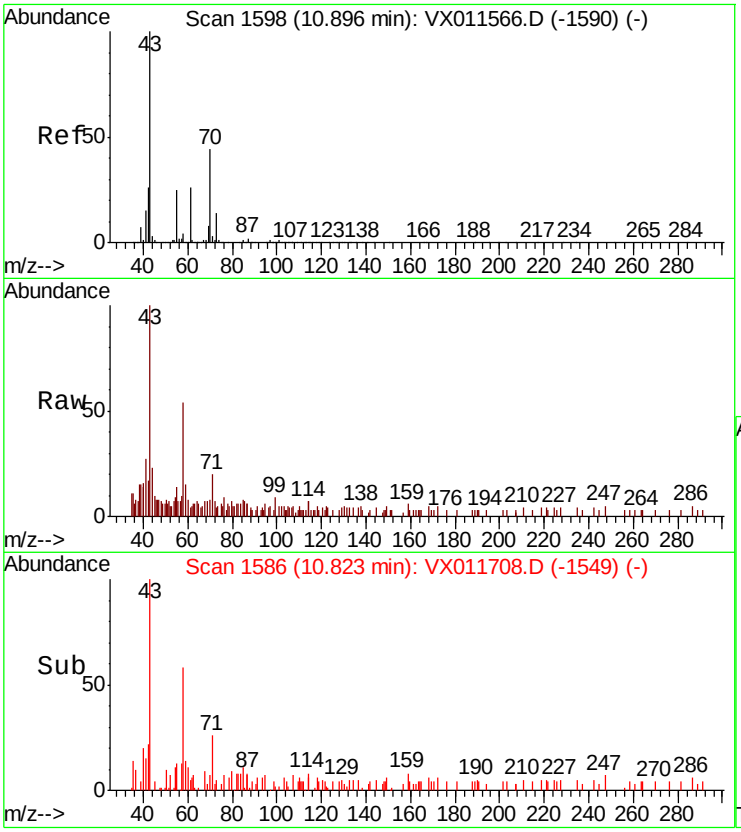


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion:152 Resp: 233467

Ion	Ratio	Lower	Upper
152	100		
115	53.9	37.3	111.9
150	158.0	0.0	346.2



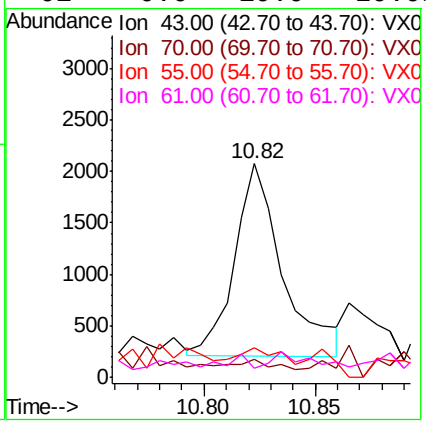


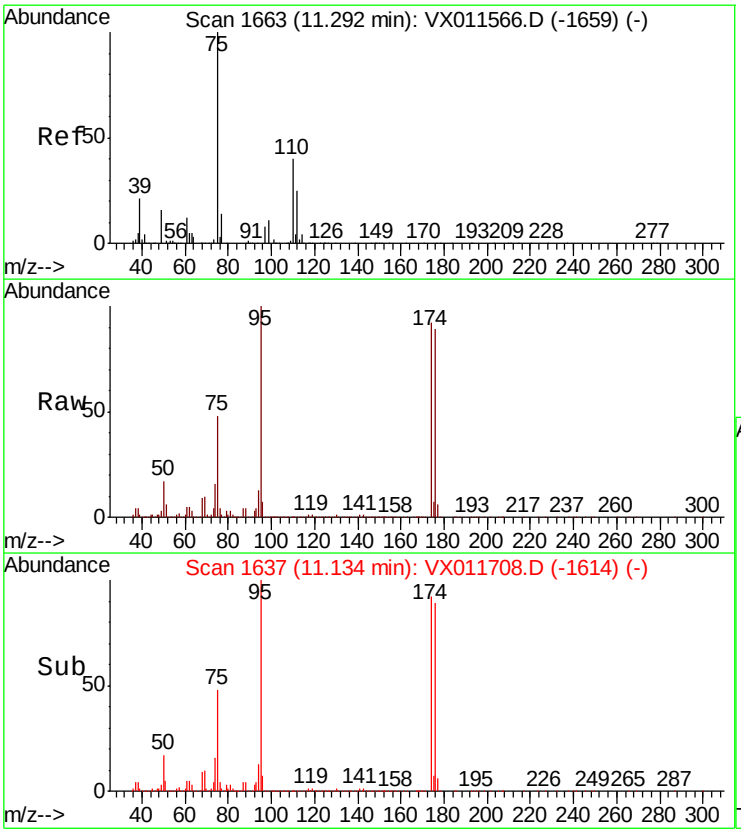
#74
N-amyl acetate
Concen: 0.438 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 43 Resp: 2821

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.7	52.1#
55	6.8	19.6	29.4#
61	0.0	19.9	29.9#

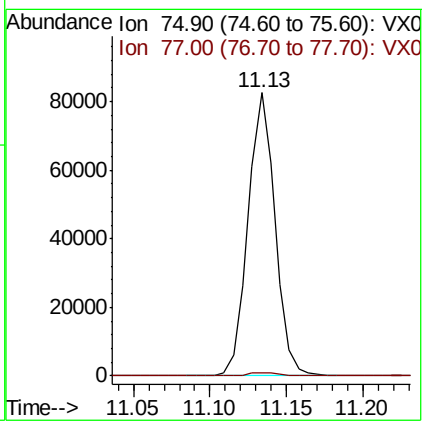


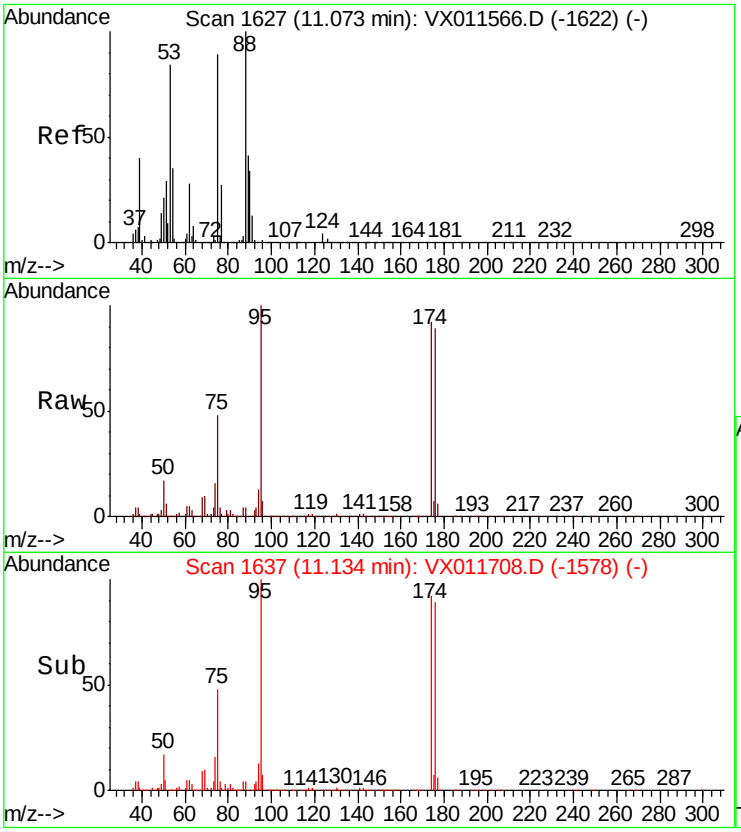


#76
1,2,3-Trichloropropane
Concen: 22.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Tgt Ion: 75 Resp: 101502

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.023 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011708.D
Acq: 21 Aug 2019 01:12

Instrument :
MSVOA_X
ClientSampleId :
T4-A3-(0)

Tgt Ion: 75 Resp: 101502

Ion	Ratio	Lower	Upper
75	100		
53	0.5	77.4	116.0#
89	0.2	37.3	55.9#