Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011613.D
Acq On : 17 Aug 2019 04:55
Operator : JC/SP
Sample : K4265-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : REACTOR-4-A4-(3.4)

Quant Time: Aug 19 01:19:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	446222	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	613935	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	557039	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275927	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	208400	50.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.72%				
35) Dibromofluoromethane	5.49	113	182008	45.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.66%				
50) Toluene-d8	8.71	98	702069	56.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.22%				
62) 4-Bromofluorobenzene	11.13	95	250873	47.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.00%				
Target Compounds							Qvalue
8) Diethyl Ether	2.33	74	460	0.235	ug/l		89
11) Tert butyl alcohol	3.01	59	7373	7.263	ug/l	#	75
13) Acrolein	2.28	56	193	12.772	ug/l		89
16) Acetone	2.43	43	10663	5.125	ug/l		99
18) Methyl Acetate	2.76	43	4455	0.690	ug/l	#	78
20) Methylene Chloride	2.85	84	10171	2.328	ug/l		94
25) 2-Butanone	4.68	43	3322	1.017	ug/l		98
36) 1,1-Dichloropropene	5.65	75	25370	4.833	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	37597	6.501	ug/l	#	15
43) Isopropyl Acetate	6.44	43	81053	8.602	ug/l		99
48) Methyl methacrylate	7.67	41	5528	1.185	ug/l	#	15
49) 1,4-Dioxane	7.74	88	406	3.271	ug/l	#	25
51) 4-Methyl-2-Pentanone	8.61	43	73172	11.865	ug/l	#	46
54) cis-1,3-Dichloropropene	8.61	75	35199	5.709	ug/l	#	62
59) 2-Hexanone	9.54	43	86207	18.127	ug/l	#	51
71) Bromoform	10.57	173	91	3.311	ug/l	#	28
74) N-amyl acetate	10.82	43	3509	0.461	ug/l	#	49
76) 1,2,3-Trichloropropane	11.13	75	117198	22.399	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	117198	59.720	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	398	0.282	ug/l	#	1

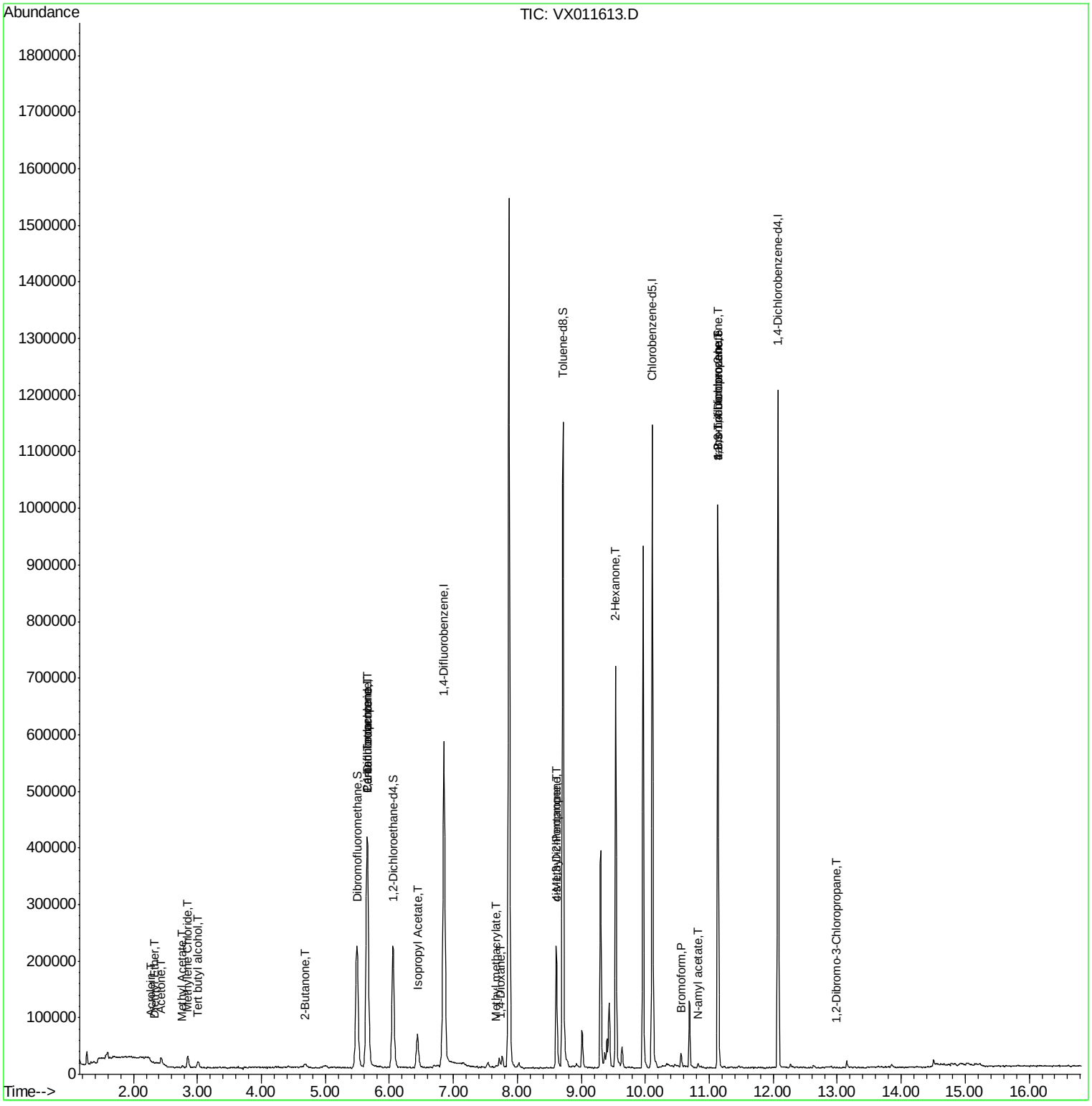
(#) = qualifier out of range (m) = manual integration (+) = signals summed

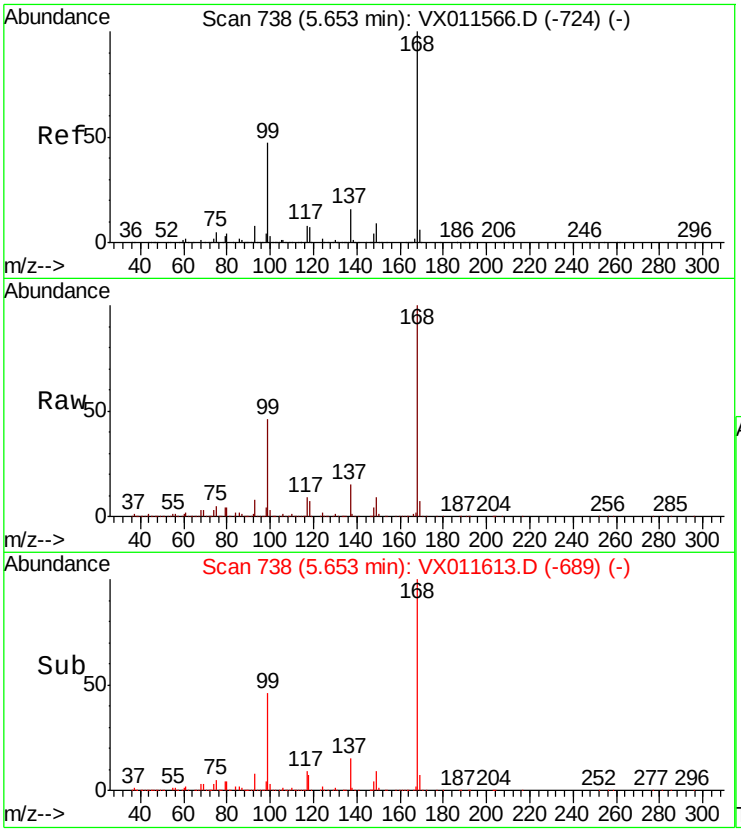
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011613.D
Acq On : 17 Aug 2019 04:55
Operator : JC/SP
Sample : K4265-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Quant Time: Aug 19 01:19:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



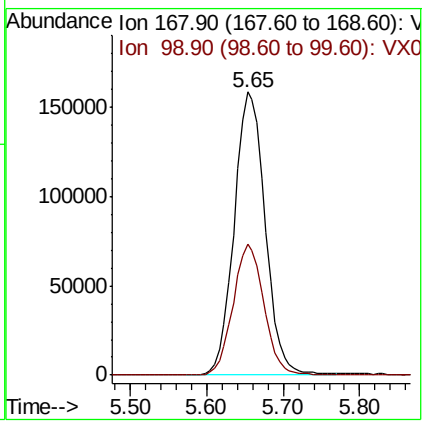


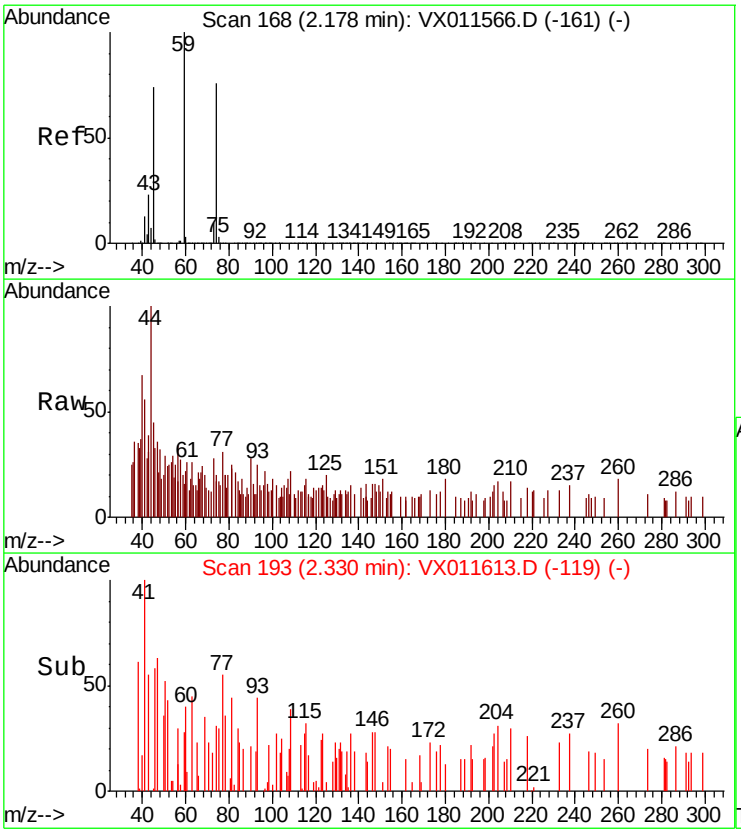
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion:168 Resp: 446222

Ion	Ratio	Lower	Upper
168	100		
99	46.3	37.3	55.9

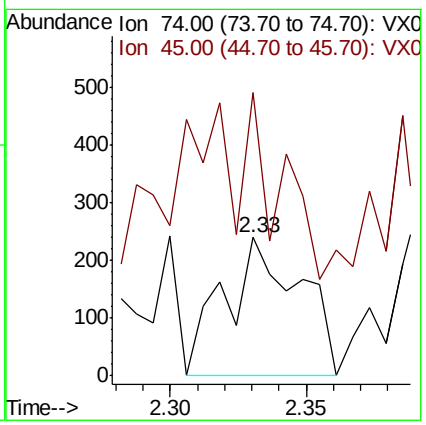


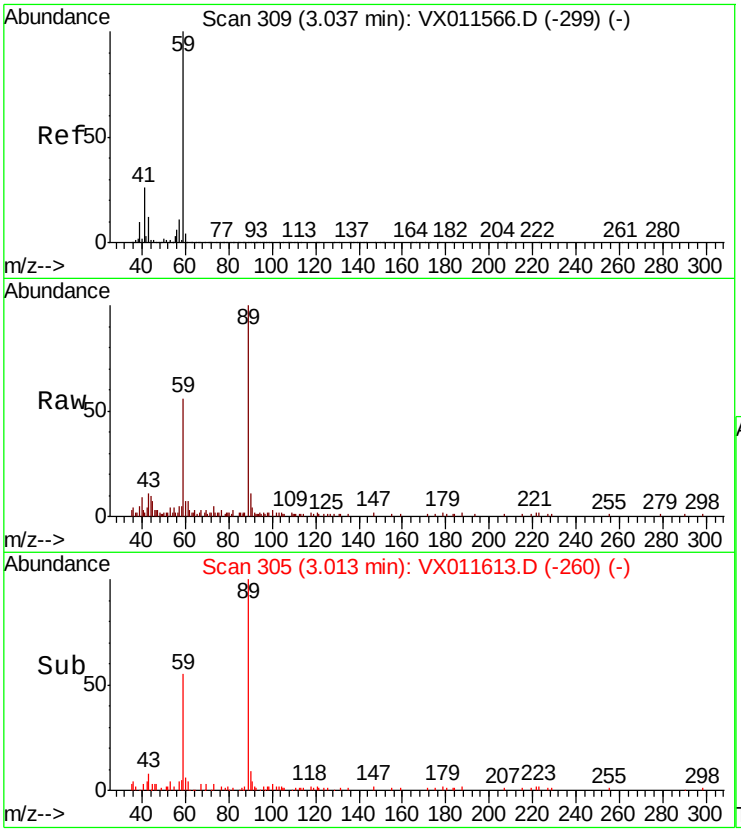


#8
Diethyl Ether
Concen: 0.235 ug/l
RT: 2.33 min Scan# 193
Delta R.T. 0.15 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 74 Resp: 460

Ion	Ratio	Lower	Upper
74	100		
45	85.9	48.2	144.6



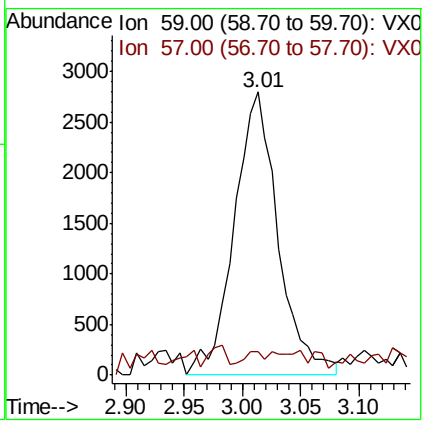


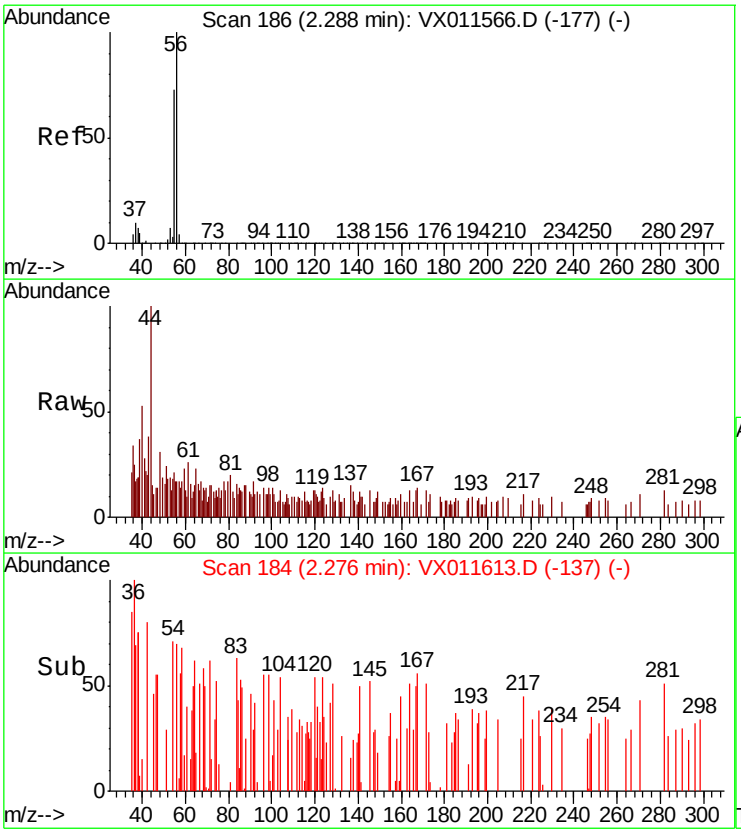
#11
Tert butyl alcohol
Concen: 7.263 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 59 Resp: 7373

Ion	Ratio	Lower	Upper
59	100		
57	1.4	8.7	13.1#

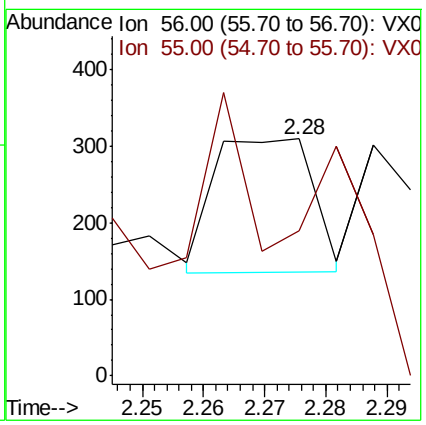


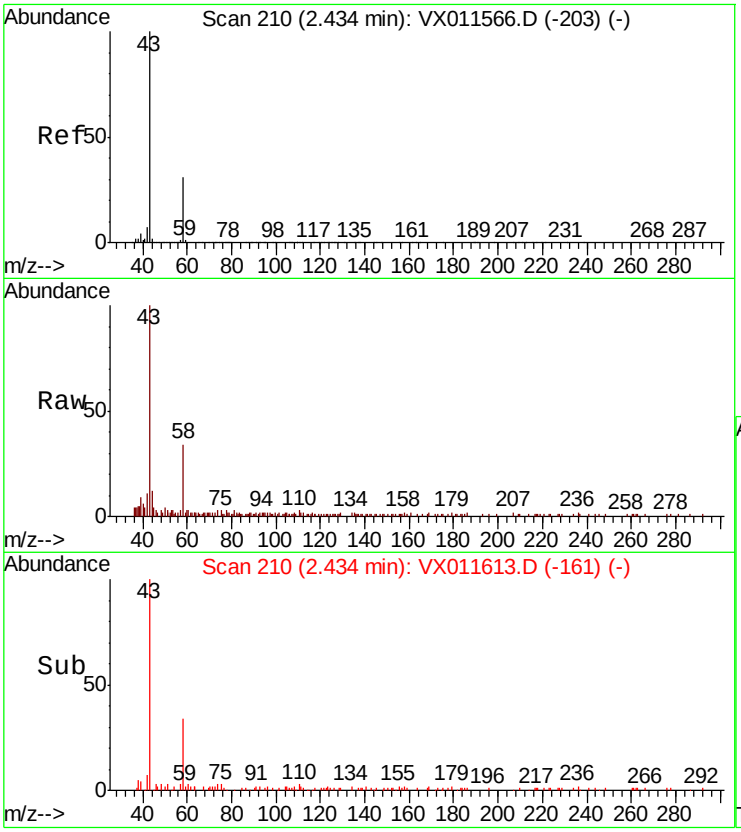


#13
Acrolein
Concen: 12.772 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	60.6	55.5	83.3



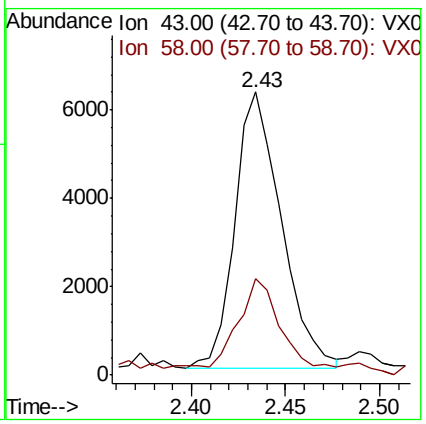


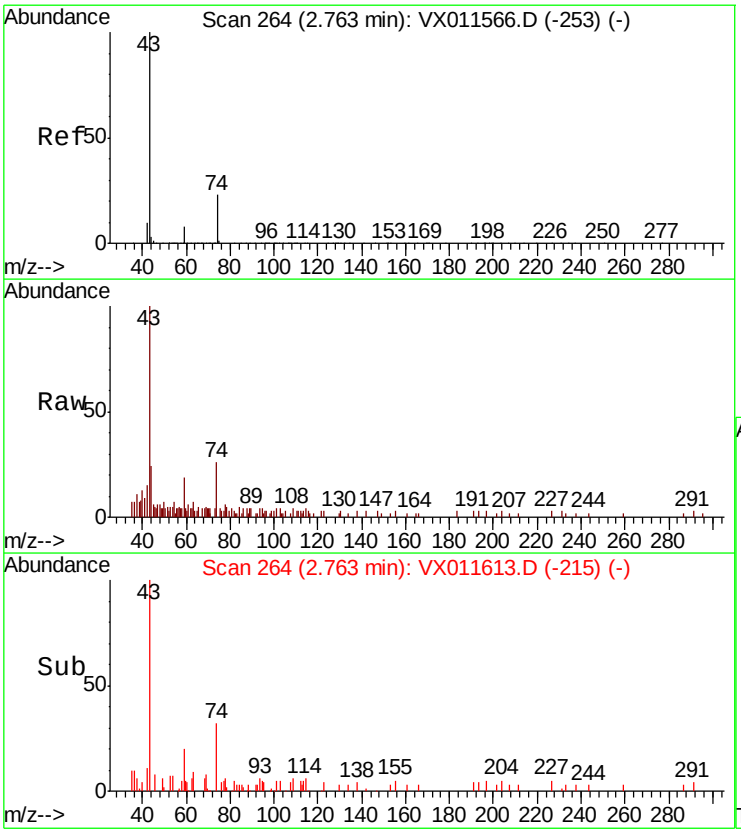
#16
Acetone
Concen: 5.125 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 43 Resp: 10663

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.2	37.8

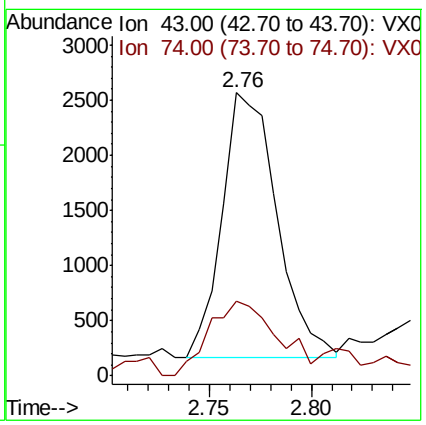


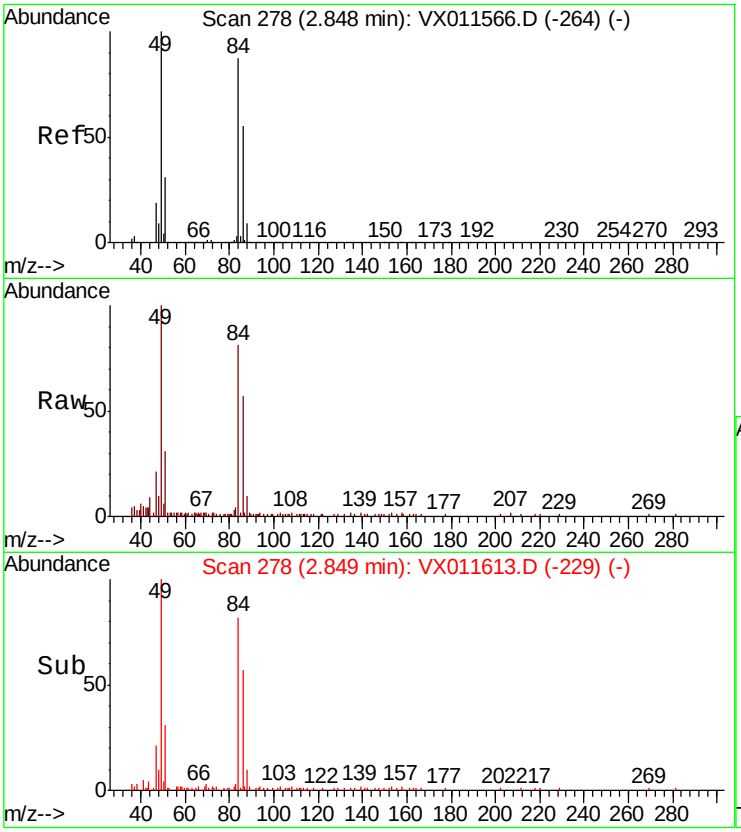


#18
Methyl Acetate
Concen: 0.690 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 4455

Ion	Ratio	Lower	Upper
43	100		
74	35.4	19.7	29.5#



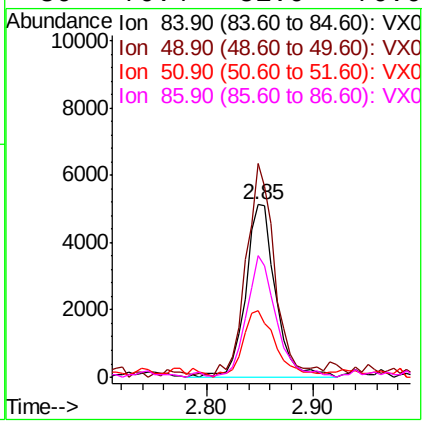


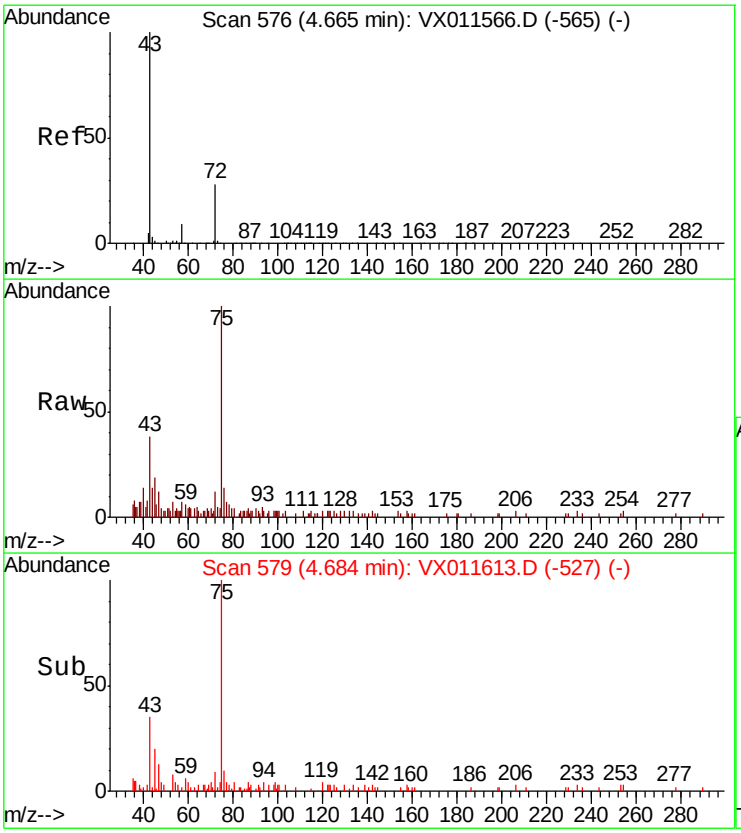
#20
Methylene Chloride
Concen: 2.328 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 84 Resp: 10171

Ion	Ratio	Lower	Upper
84	100		
49	121.6	92.4	138.6
51	37.0	28.5	42.7
86	70.4	51.0	76.6

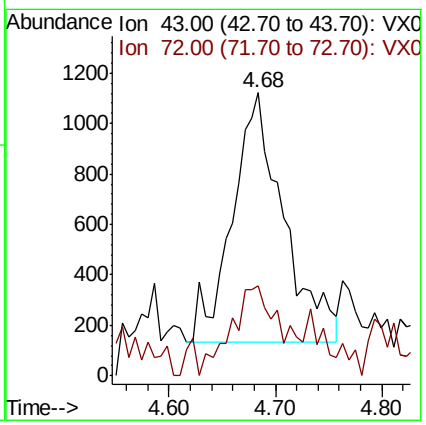


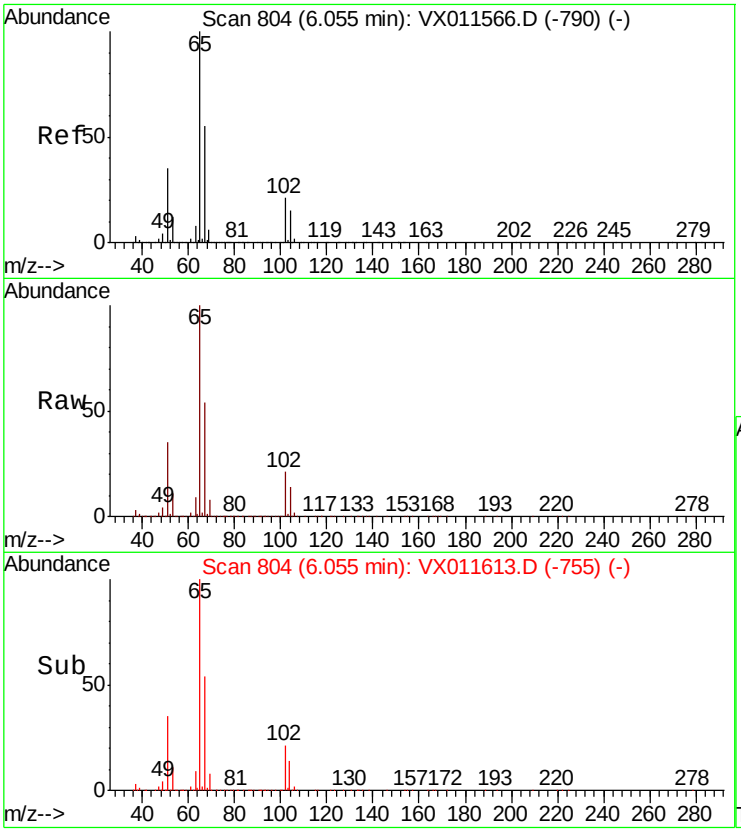


#25
2-Butanone
Concen: 1.017 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 3322

Ion	Ratio	Lower	Upper
43	100		
72	28.7	22.2	33.4



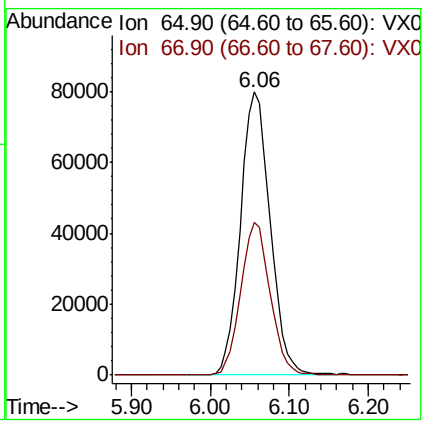


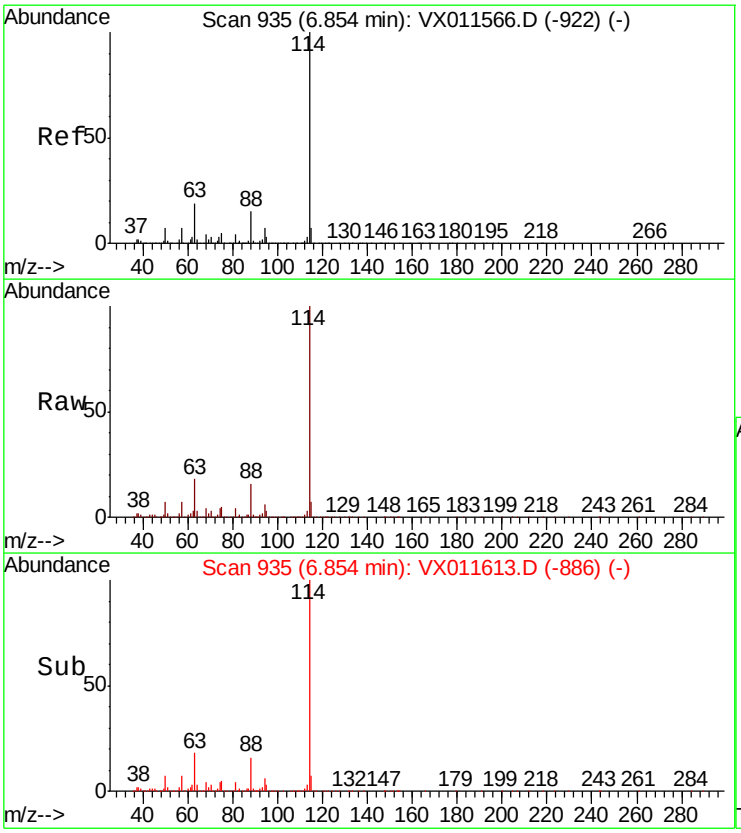
#33
1,2-Dichloroethane-d4
Concen: 50.361 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 65 Resp: 208400

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6

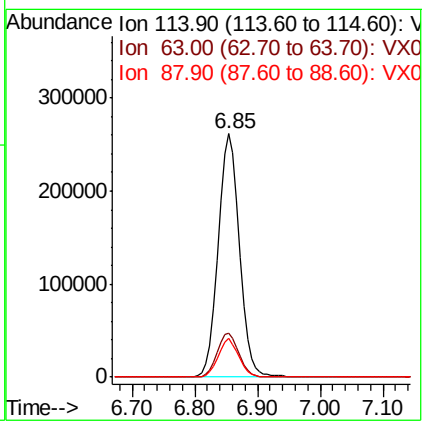


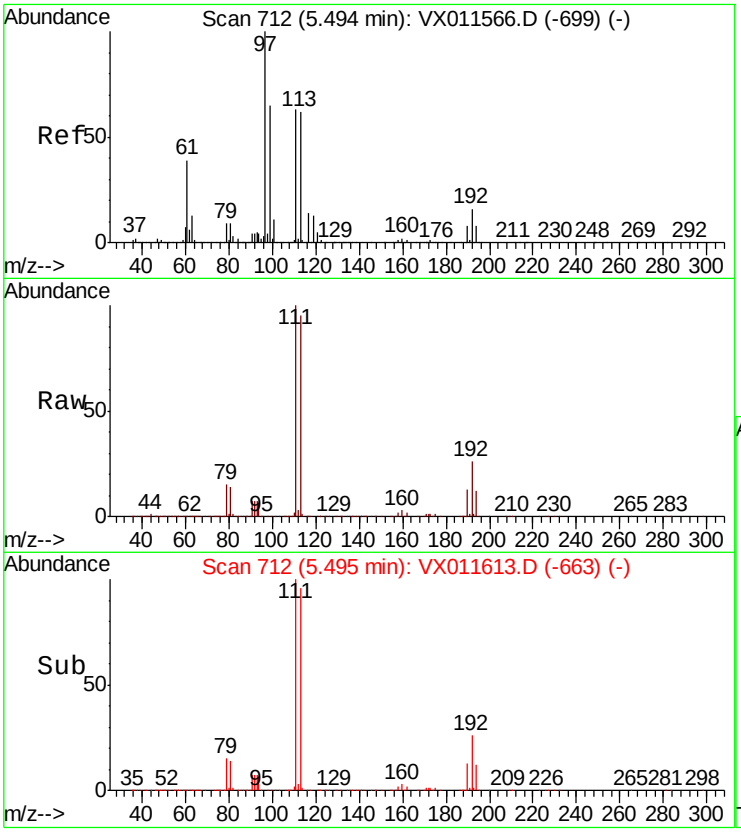


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion:114 Resp: 613935

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.8
88	15.8	0.0	30.2



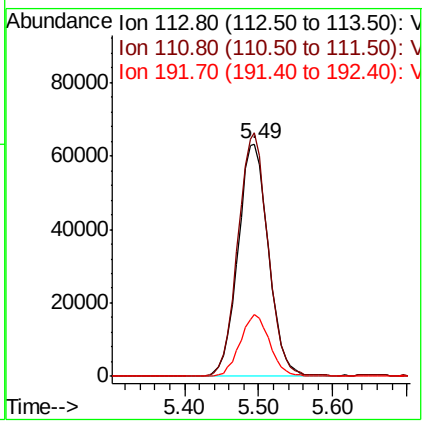


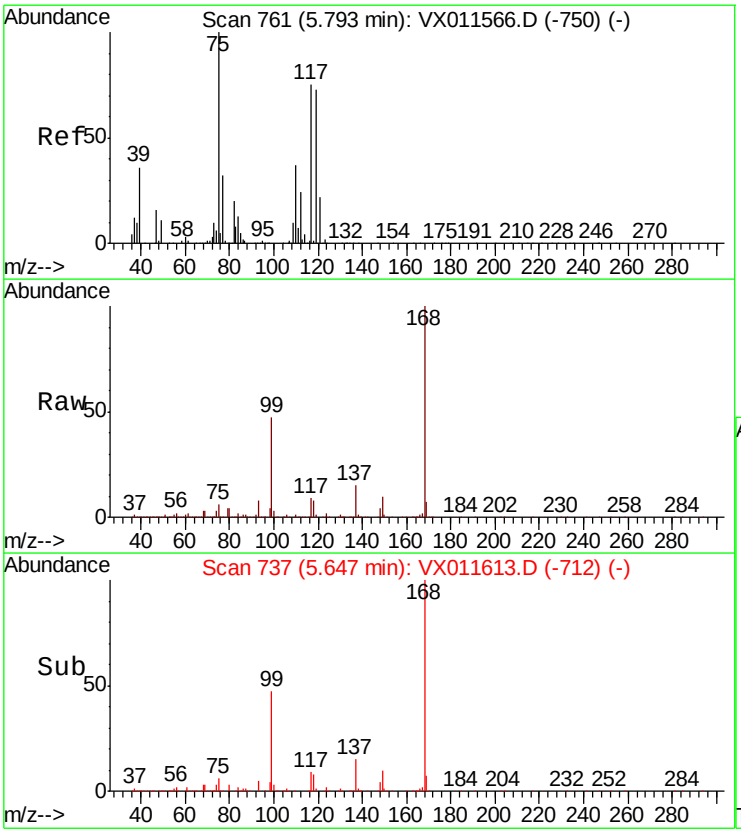
#35
Dibromofluoromethane
Concen: 45.326 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion:113 Resp: 182008

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.1	121.7
192	25.9	20.8	31.2

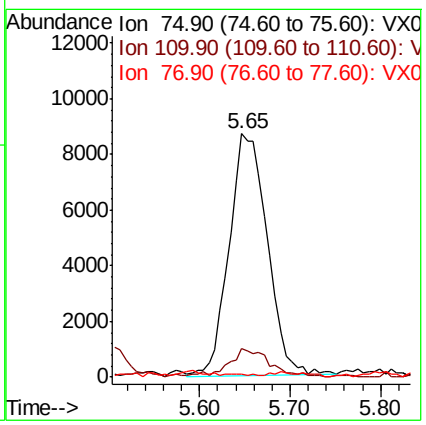


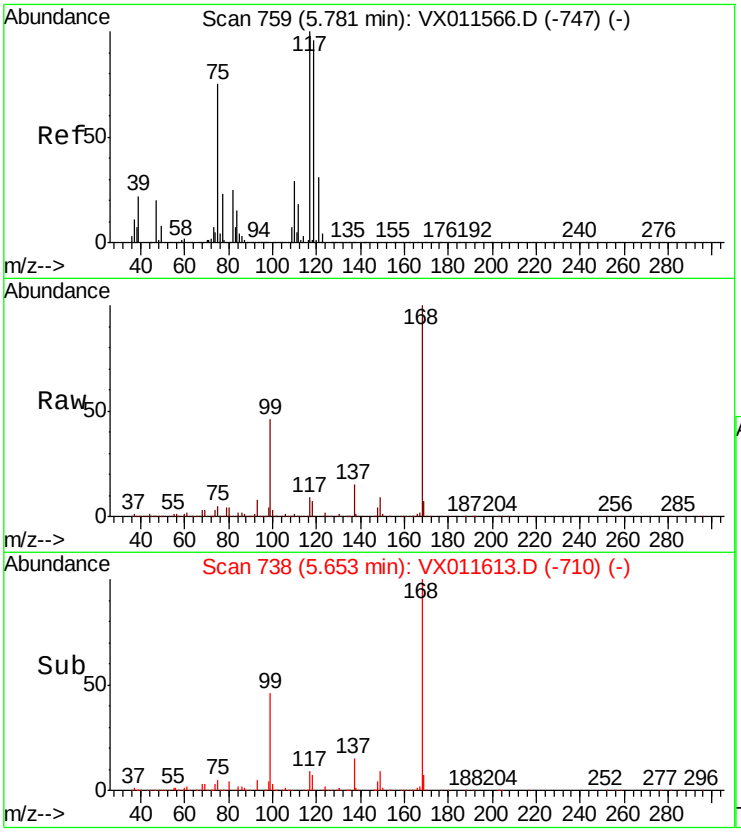


#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.15 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 75 Resp: 25370

Ion	Ratio	Lower	Upper
75	100		
110	12.0	19.4	58.1#
77	0.0	25.1	37.7#



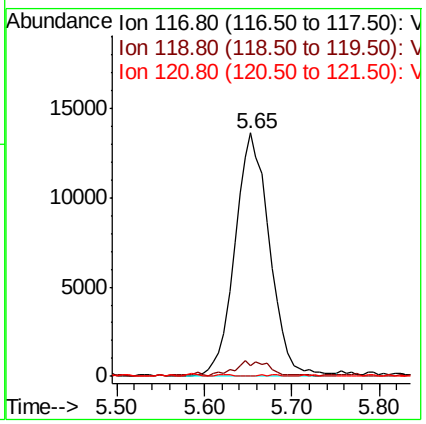


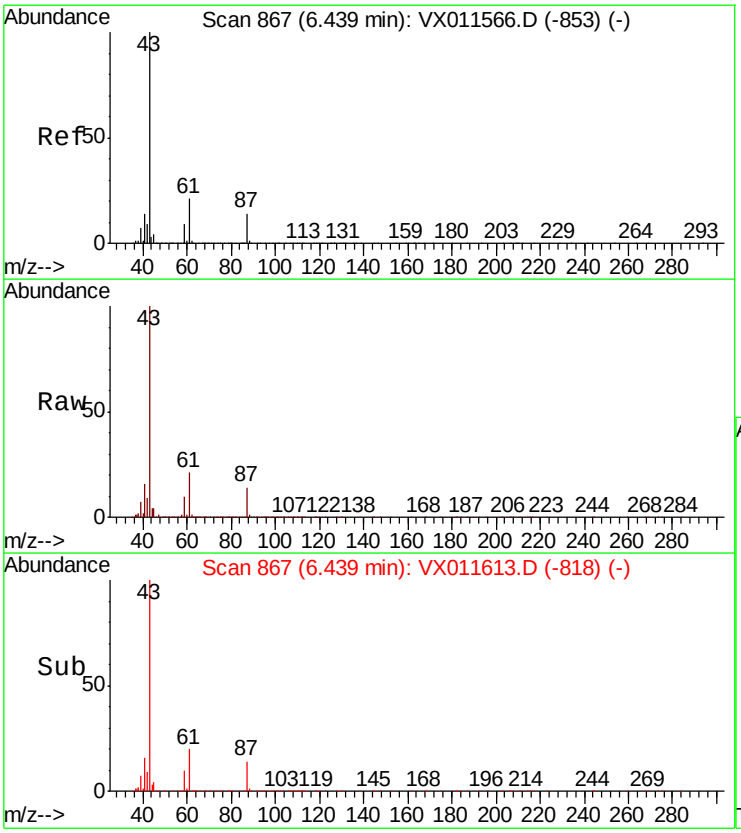
#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion:117 Resp: 37597

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.9	115.3#
121	0.0	24.8	37.2#

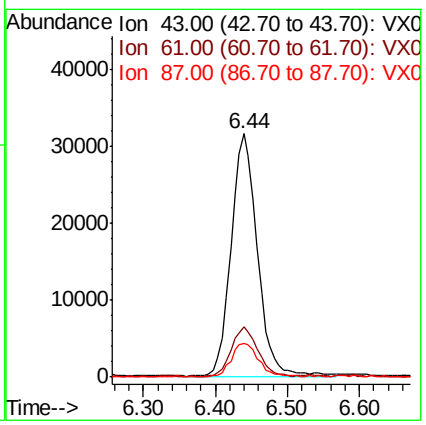


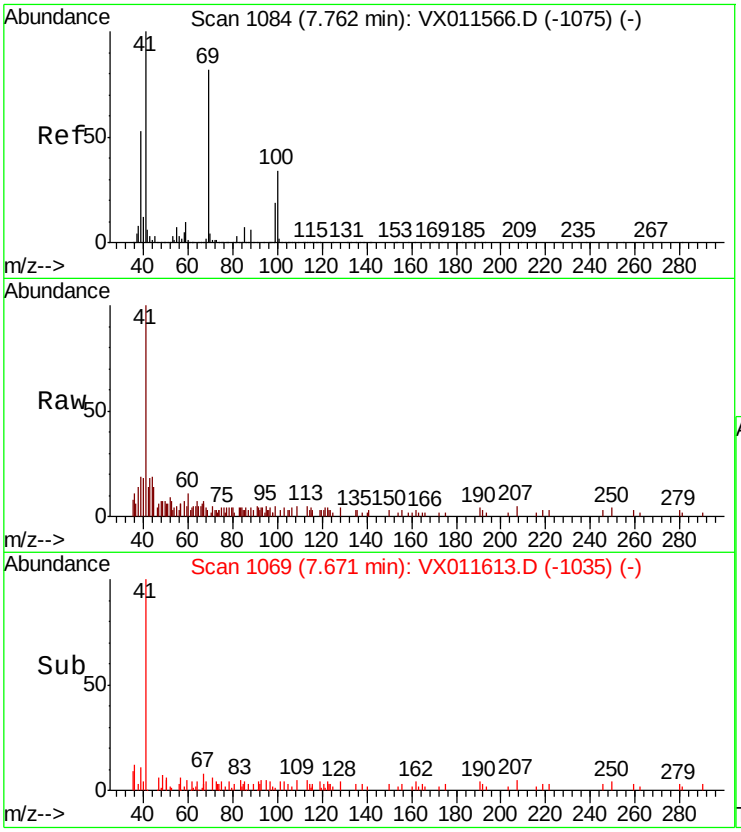


#43
Isopropyl Acetate
Concen: 8.602 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 81053

Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	14.4	11.4	17.2



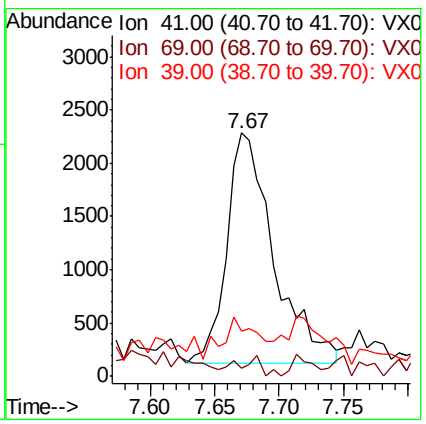


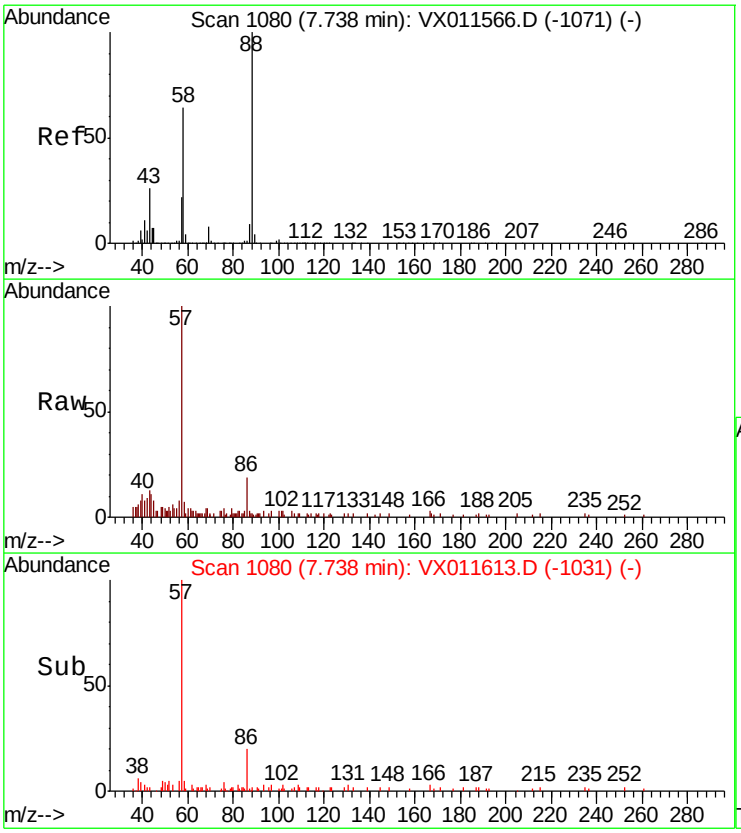
#48
Methyl methacrylate
Concen: 1.185 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 41 Resp: 5528

Ion	Ratio	Lower	Upper
41	100		
69	0.7	67.9	101.9#
39	0.0	41.6	62.4#

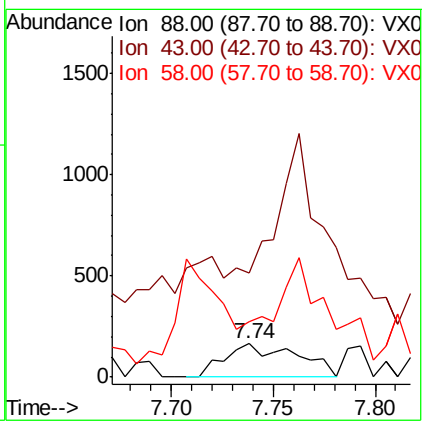


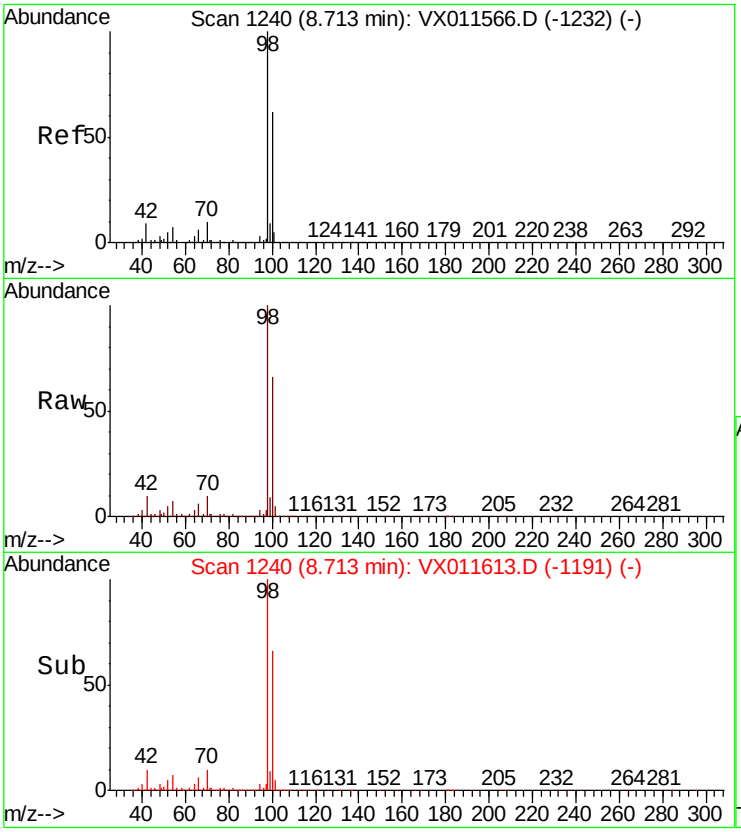


#49
1,4-Dioxane
Concen: 3.271 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 88 Resp: 406

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



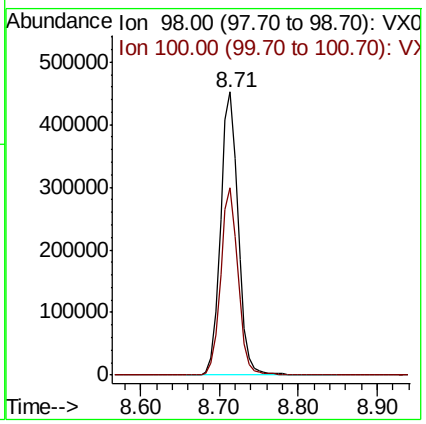


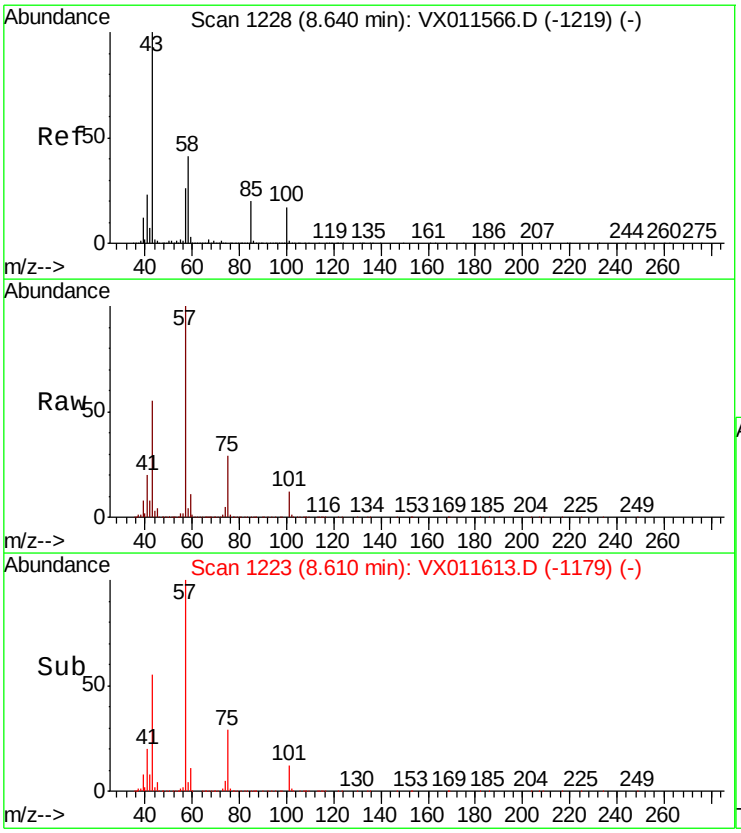
#50
Toluene-d8
Concen: 56.112 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 98 Resp: 702069

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

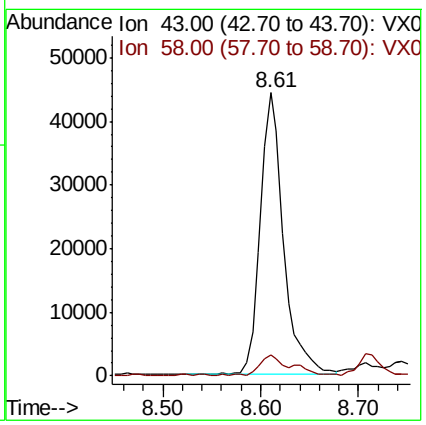


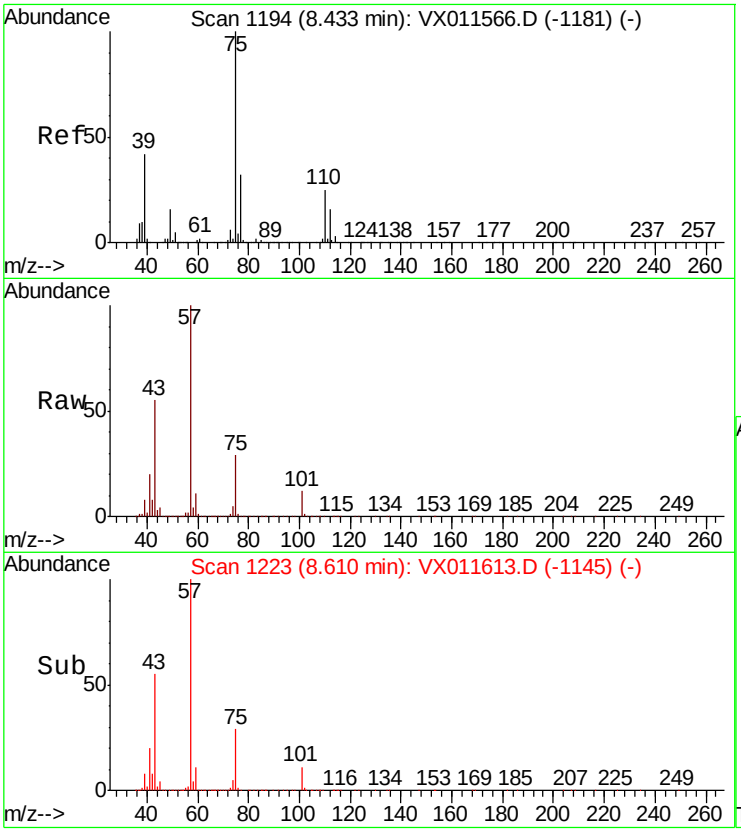


#51
4-Methyl-2-Pentanone
Concen: 11.865 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 73172

Ion	Ratio	Lower	Upper
43	100		
58	6.5	31.8	47.6#



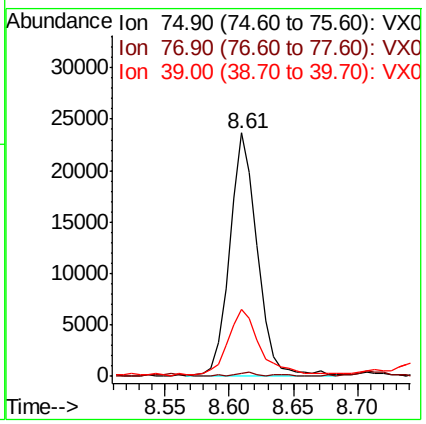


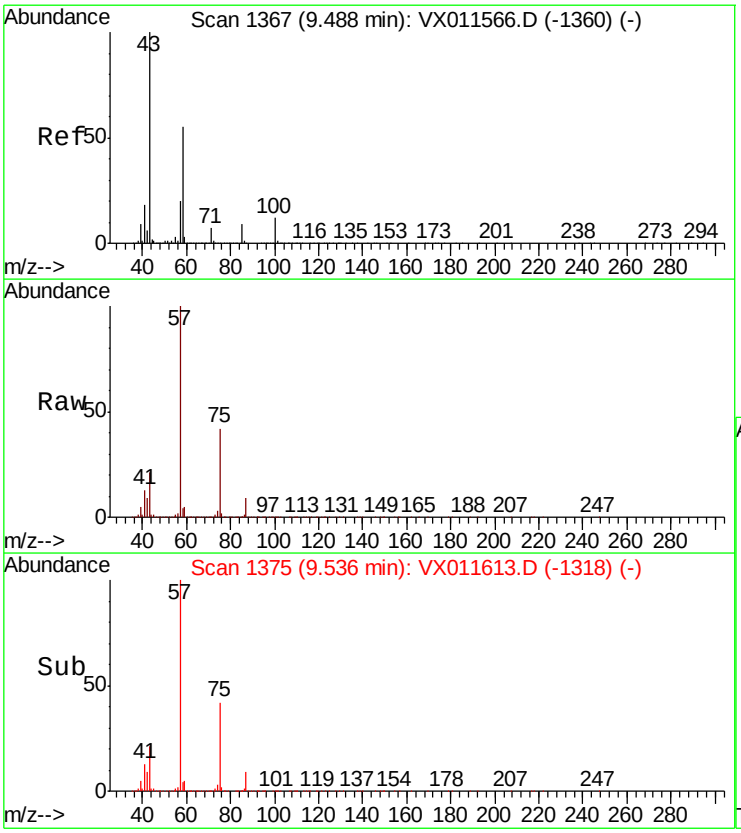
#54
cis-1,3-Dichloropropene
Concen: 5.709 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 75 Resp: 35199

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.5	38.3#
39	26.8	33.6	50.4#

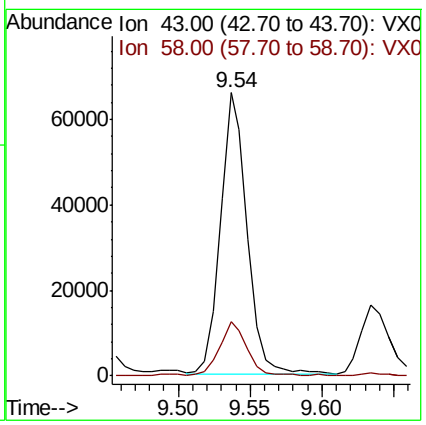


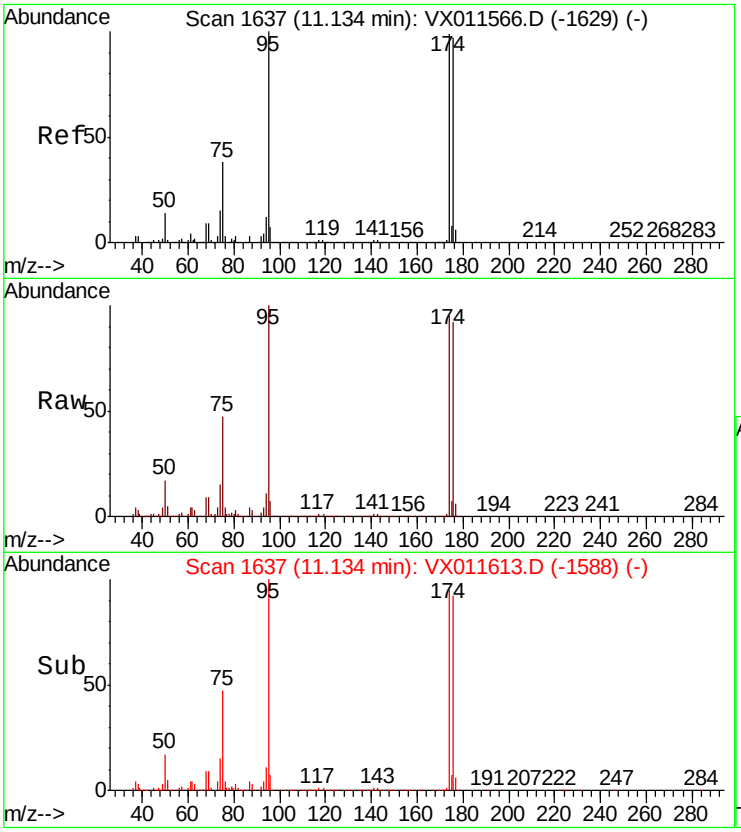


#59
2-Hexanone
Concen: 18.127 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 43 Resp: 86207

Ion	Ratio	Lower	Upper
43	100		
58	19.3	27.5	82.4#



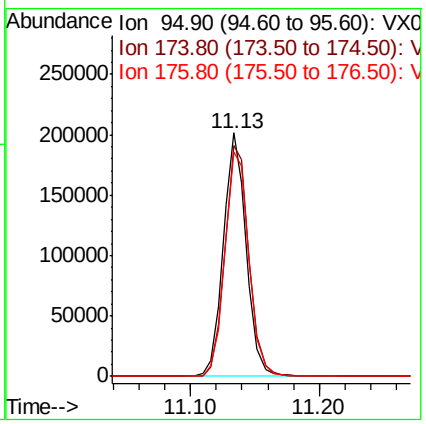


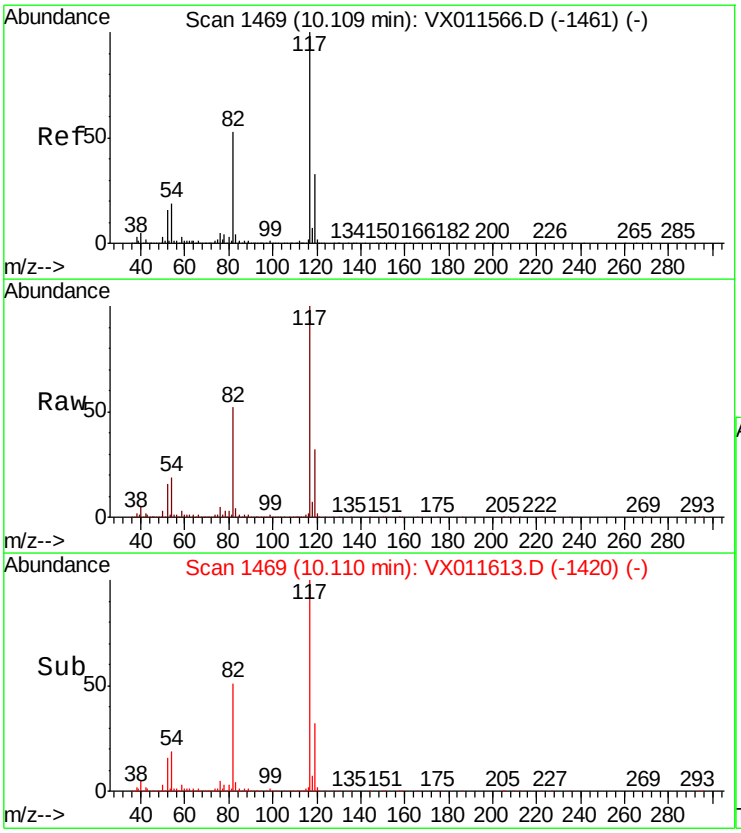
#62
4-Bromofluorobenzene
Concen: 47.504 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 95 Resp: 250873

Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	200.6
176	97.2	0.0	196.6

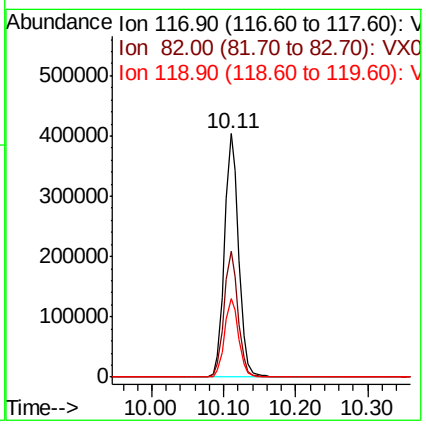


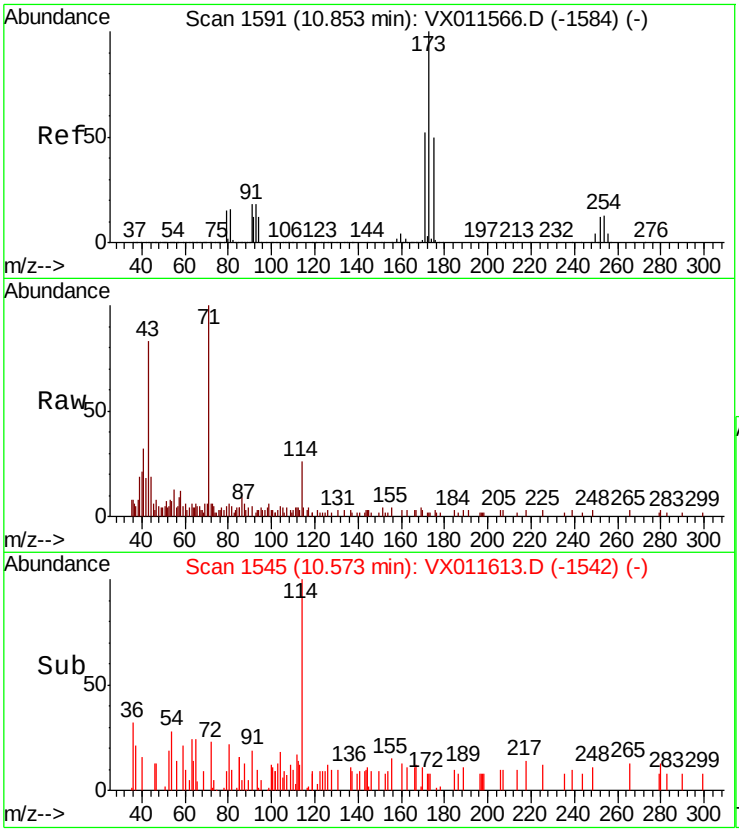


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion:117 Resp: 557039

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.0	63.0
119	32.1	26.5	39.7



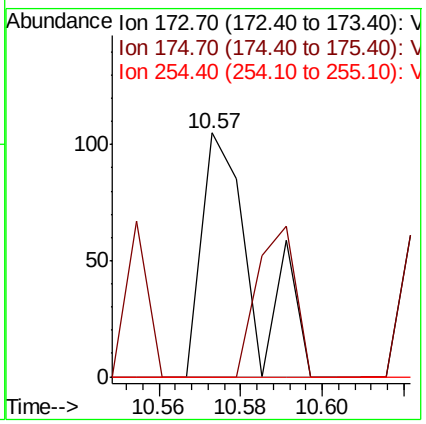


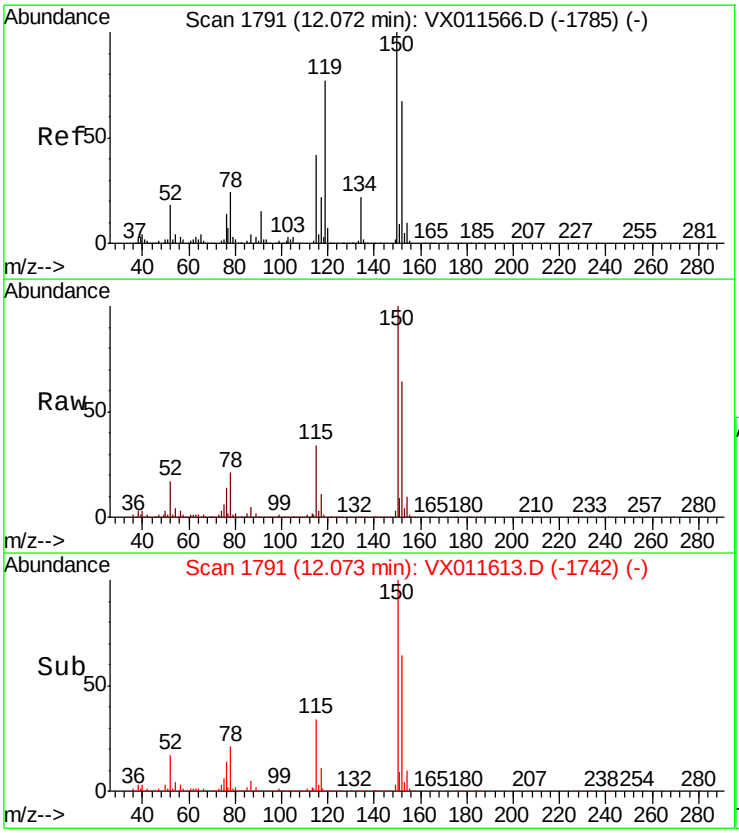
#71
Bromoform
Concen: 3.311 ug/l
RT: 10.57 min Scan# 1545
Delta R.T. -0.28 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion:173 Resp: 91

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

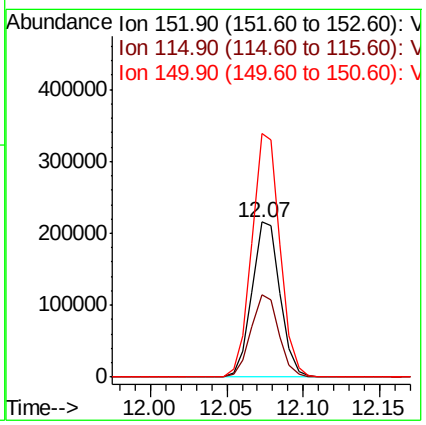


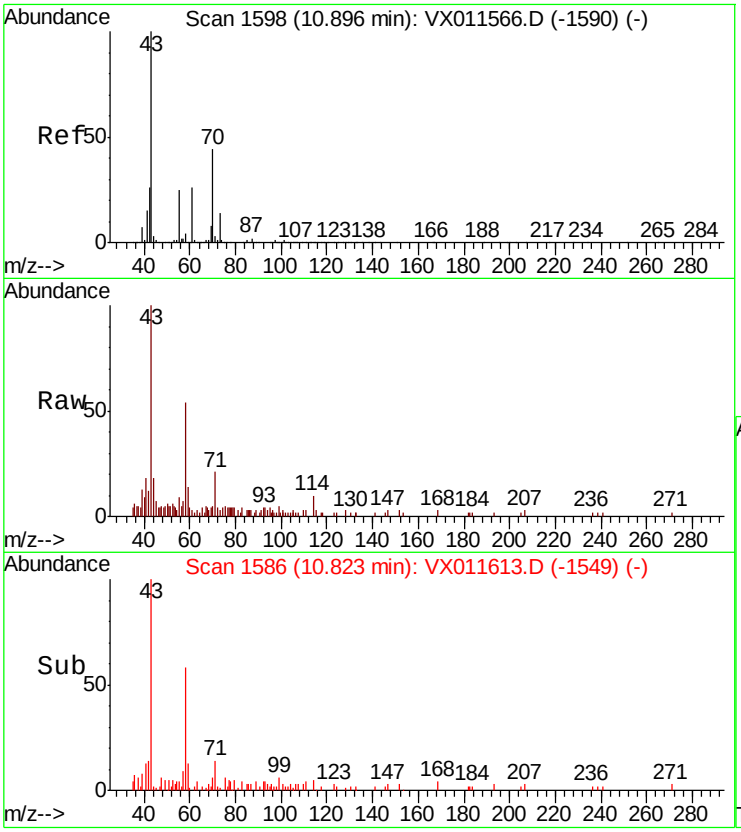


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion:152 Resp: 275927

Ion	Ratio	Lower	Upper
152	100		
115	52.9	37.3	111.9
150	157.0	0.0	346.2



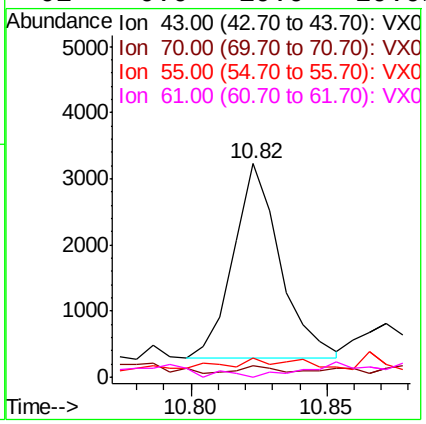


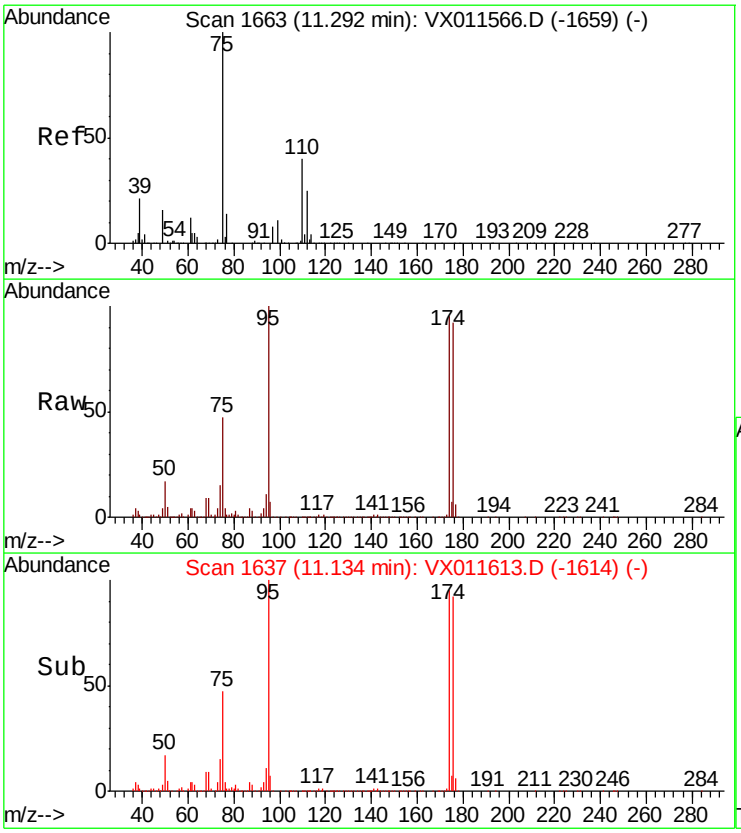
#74
N-amyl acetate
Concen: 0.461 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 43 Resp: 3509

Ion	Ratio	Lower	Upper
43	100		
70	2.8	34.7	52.1#
55	9.0	19.6	29.4#
61	0.0	19.9	29.9#

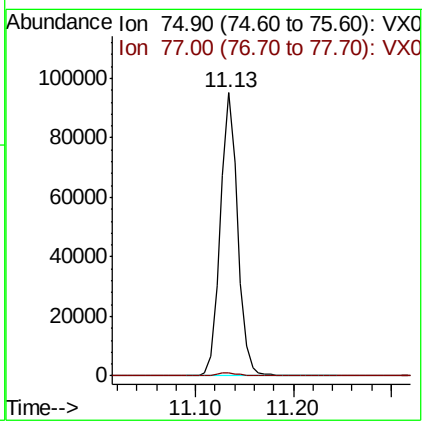


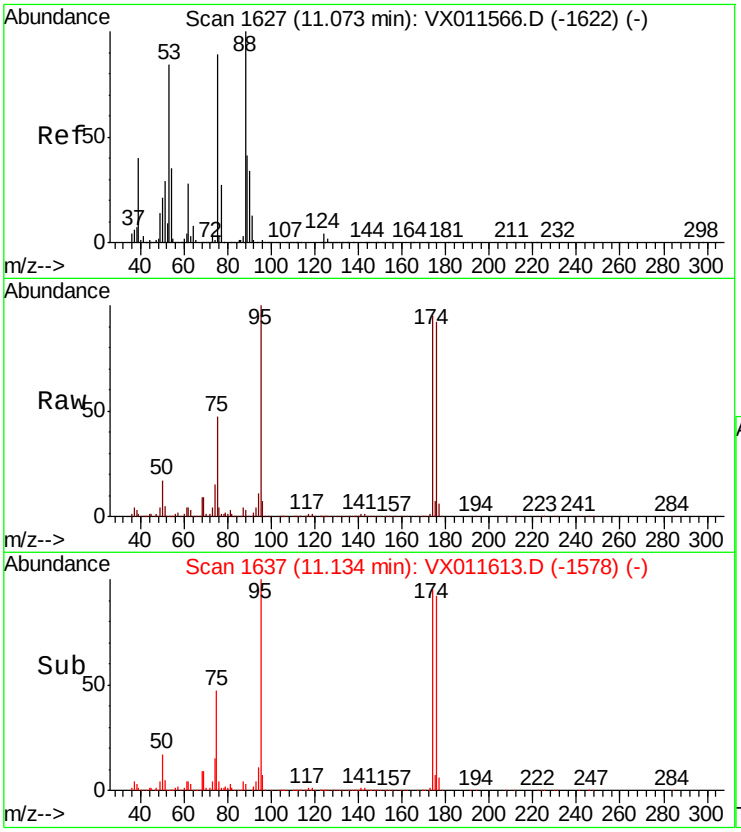


#76
1,2,3-Trichloropropane
Concen: 22.399 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 75 Resp: 117198

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.9	62.8#



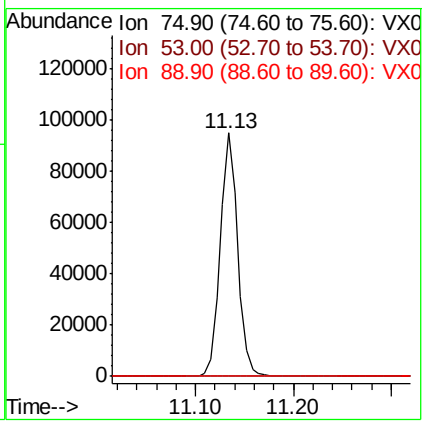


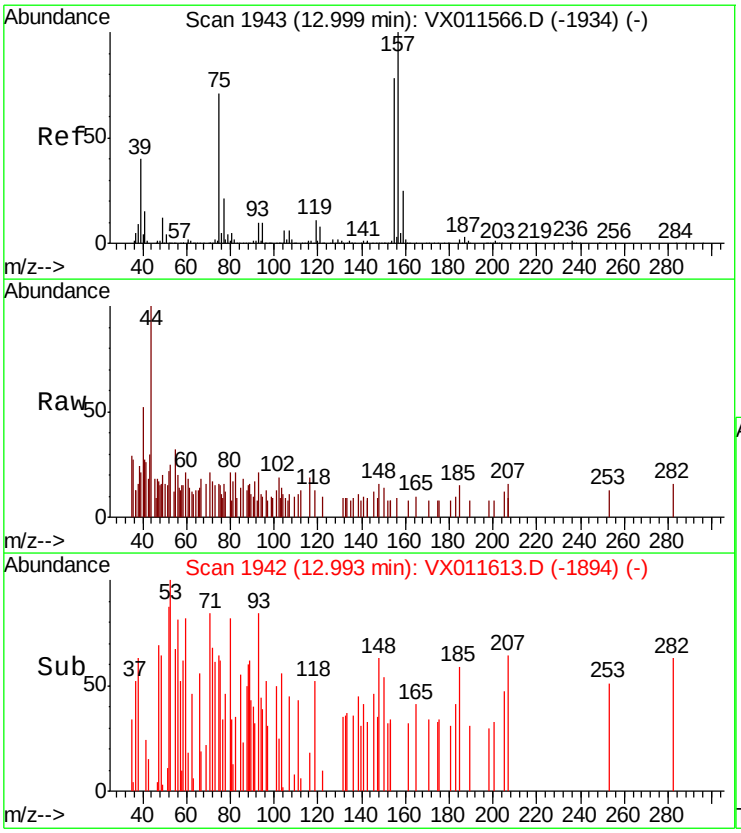
#81
trans-1,4-Dichloro-2-butene
Concen: 59.720 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
REACTOR-4-A4-(3.4)

Tgt Ion: 75 Resp: 117198

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.4	116.0#
89	0.1	37.3	55.9#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.282 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX011613.D
Acq: 17 Aug 2019 04:55

Tgt Ion: 75 Resp: 398

Ion	Ratio	Lower	Upper
75	100		
155	13.8	53.0	159.0#
157	0.0	68.3	205.1#