Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011859.D
Acq On : 27 Aug 2019 18:48
Operator : JC/SP
Sample : K4525-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A3(0)

Quant Time: Aug 28 02:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	430976	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	596344	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	526175	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265347	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	217101	50.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.30%				
35) Dibromofluoromethane	5.49	113	185861	48.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.40%				
50) Toluene-d8	8.71	98	680736	50.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.22%				
62) 4-Bromofluorobenzene	11.13	95	252830	47.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.12%				
Target Compounds							Qvalue
6) Chloroethane	1.59	64	2491	1.208	ug/l	#	50
8) Diethyl Ether	2.18	74	652	0.342	ug/l		63
11) Tert butyl alcohol	3.01	59	7530	8.802	ug/l	#	79
13) Acrolein	2.24	56	278	0.841	ug/l	#	16
16) Acetone	2.43	43	13972	7.419	ug/l		99
18) Methyl Acetate	2.77	43	4823	0.944	ug/l		95
20) Methylene Chloride	2.85	84	28081	7.293	ug/l	#	88
25) 2-Butanone	4.68	43	2854	1.056	ug/l		91
29) Tetrahydrofuran	5.13	42	347	0.200	ug/l	#	31
31) Cyclohexane	5.65	56	7221	1.356	ug/l	#	4
36) 1,1-Dichloropropene	5.65	75	27579	5.897	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	36761	6.936	ug/l	#	15
43) Isopropyl Acetate	6.44	43	91056	11.368	ug/l		99
48) Methyl methacrylate	7.68	41	4592	1.152	ug/l	#	13
49) 1,4-Dioxane	7.71	88	53	0.480	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	85819	16.260	ug/l	#	49
54) cis-1,3-Dichloropropene	8.61	75	39199	7.093	ug/l	#	59
57) 1,3-Dichloropropane	9.54	76	6288	0.998	ug/l	#	46
59) 2-Hexanone	9.54	43	85997	21.229	ug/l	#	50
76) 1,2,3-Trichloropropane	11.13	75	124484	26.736	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	124484	80.631	ug/l	#	11

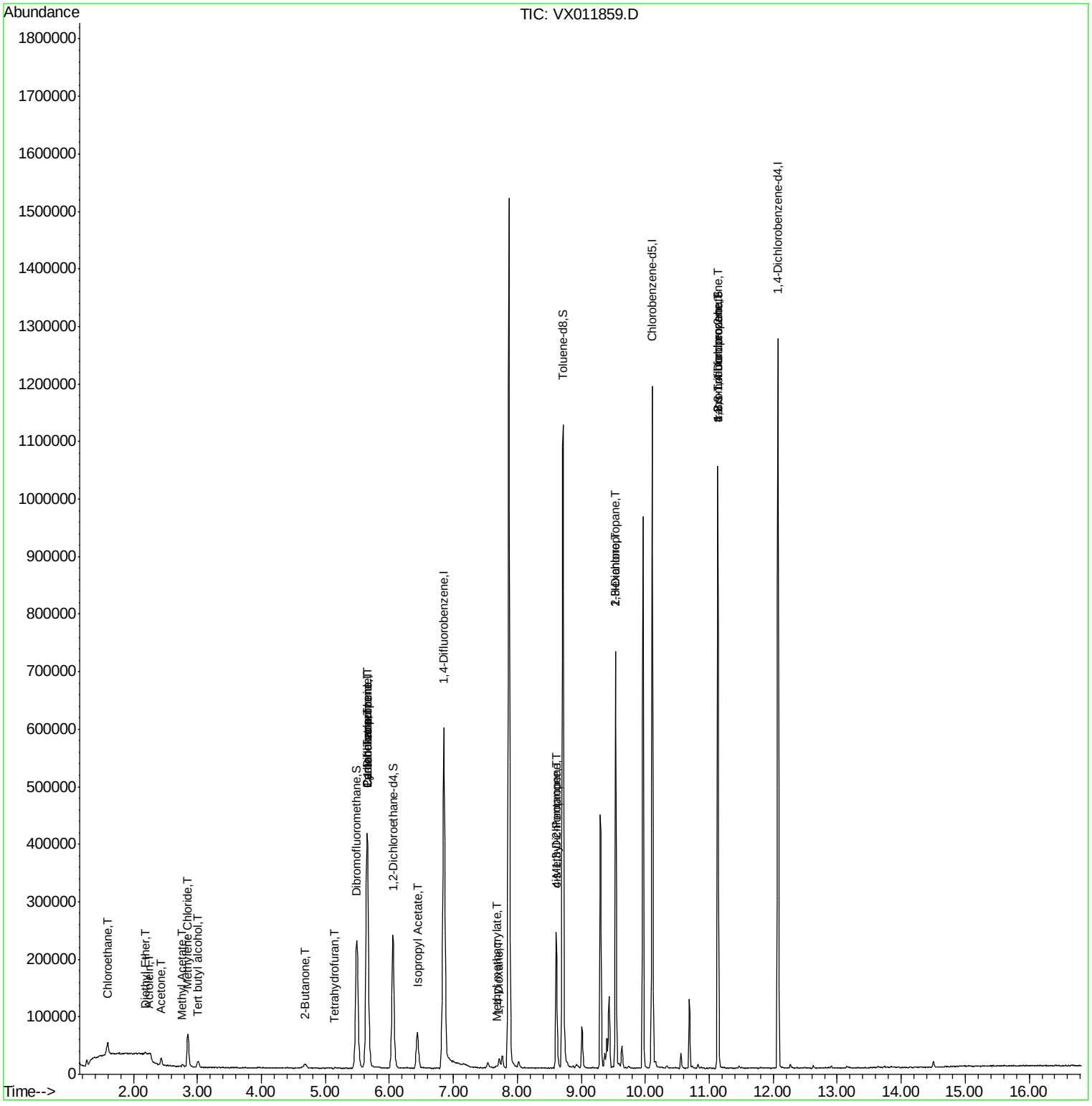
(#) = qualifier out of range (m) = manual integration (+) = signals summed

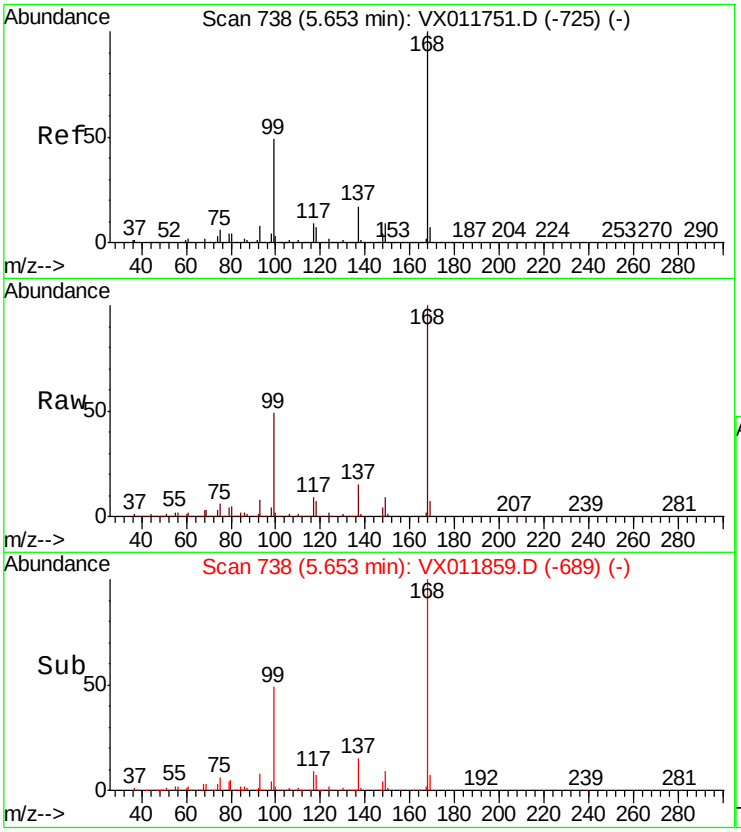
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011859.D
Acq On : 27 Aug 2019 18:48
Operator : JC/SP
Sample : K4525-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Quant Time: Aug 28 02:25:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration



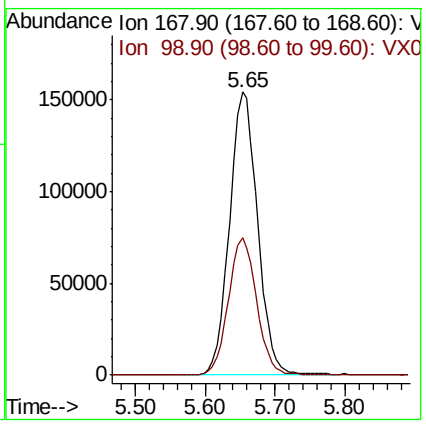


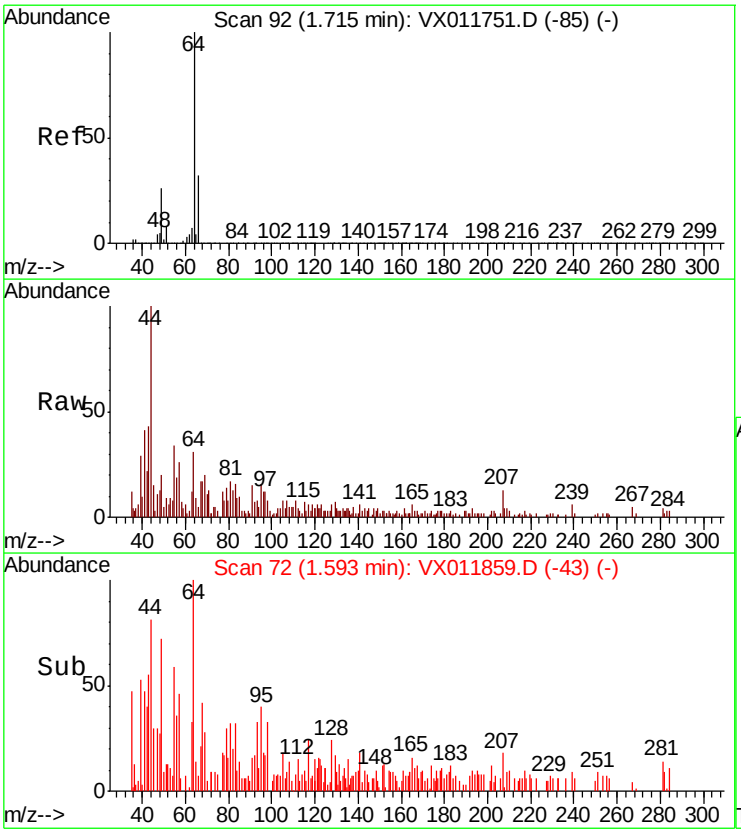
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion:168 Resp: 430976

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.4	59.2

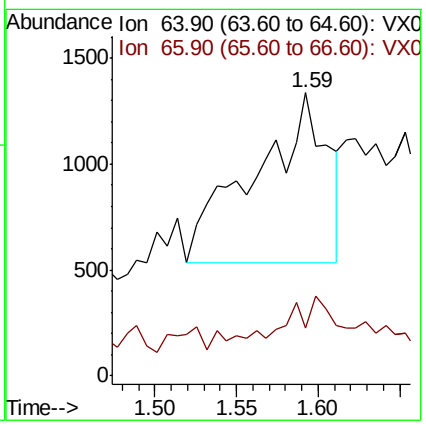


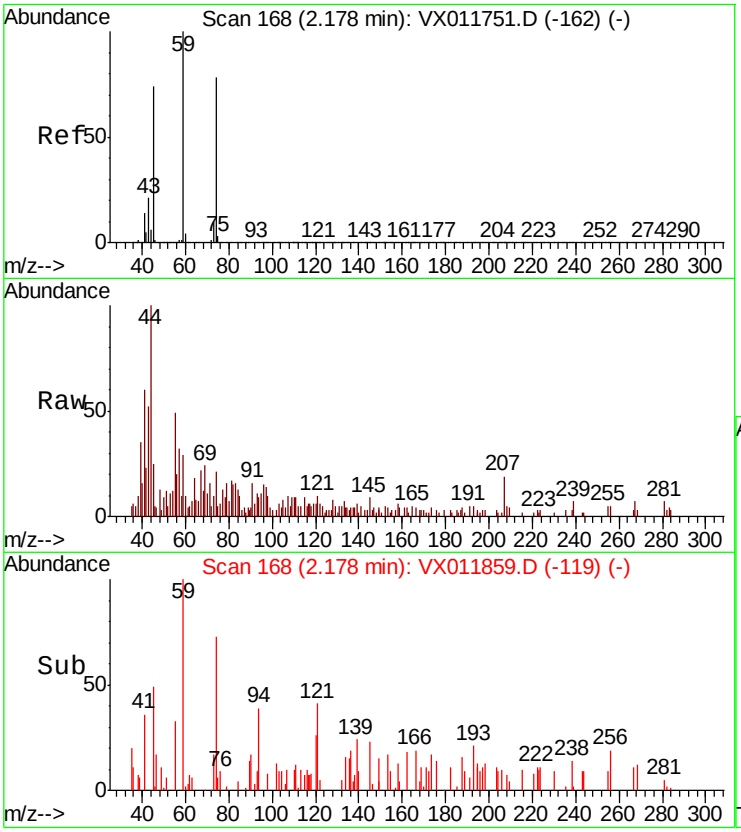


#6
Chloroethane
Concen: 1.208 ug/l
RT: 1.59 min Scan# 72
Delta R.T. -0.12 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 64 Resp: 2491

Ion	Ratio	Lower	Upper
64	100		
66	3.7	24.9	37.3#



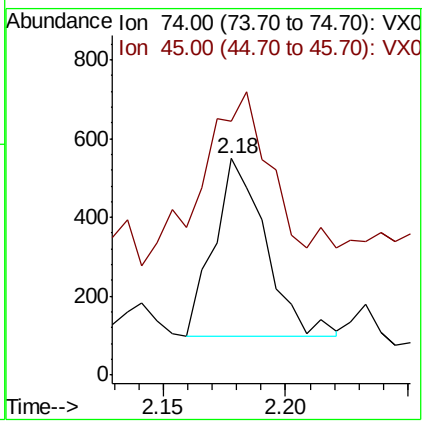


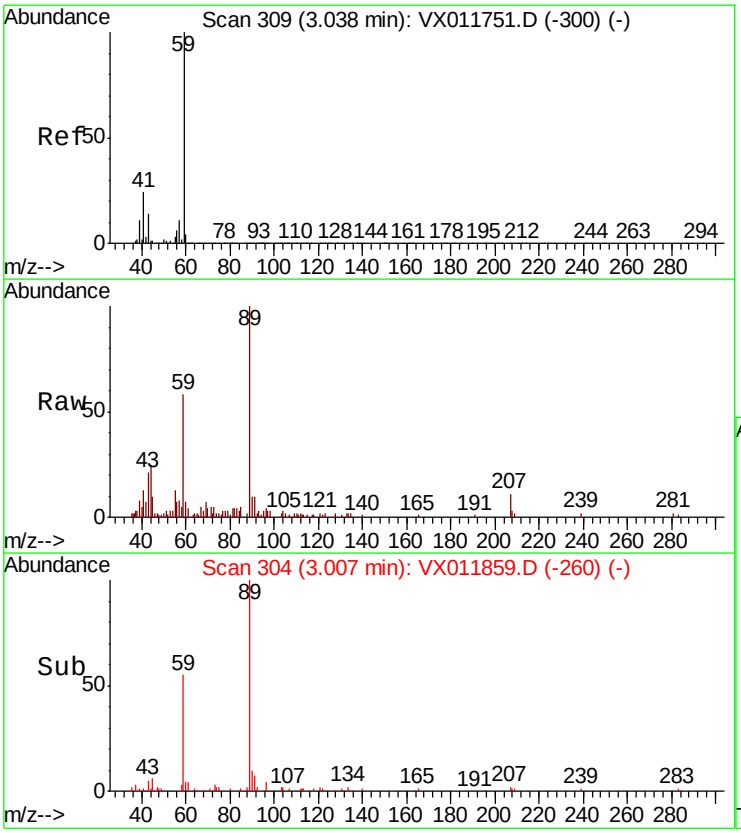
#8
Diethyl Ether
Concen: 0.342 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 74 Resp: 652

Ion	Ratio	Lower	Upper
74	100		
45	129.1	46.7	140.0

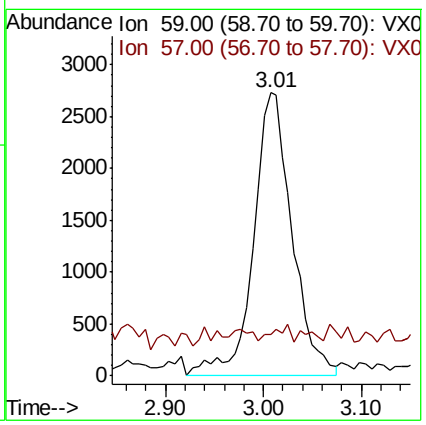


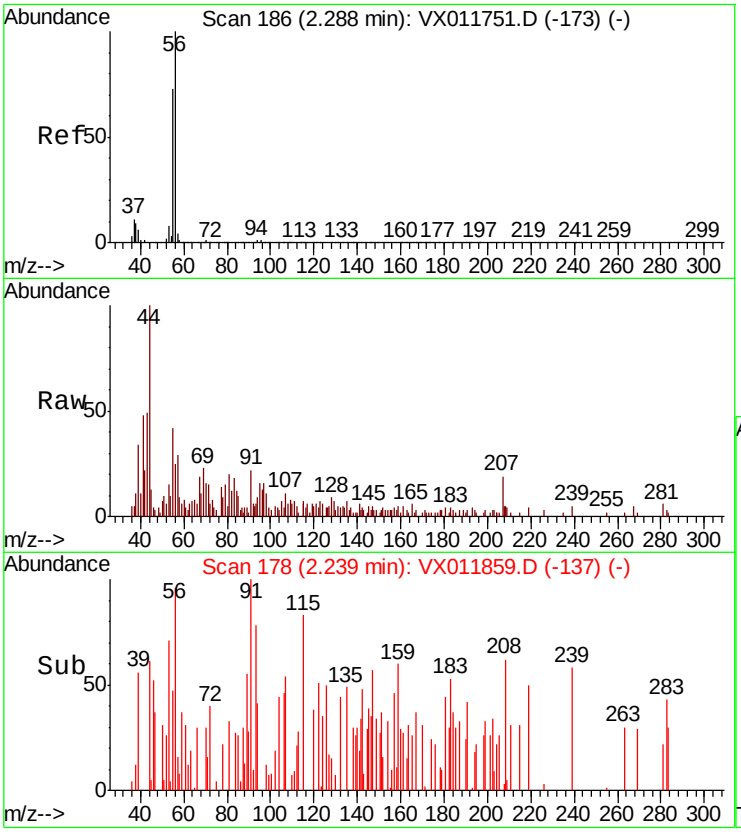


#11
Tert butyl alcohol
Concen: 8.802 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 59 Resp: 7530

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.4	12.6#



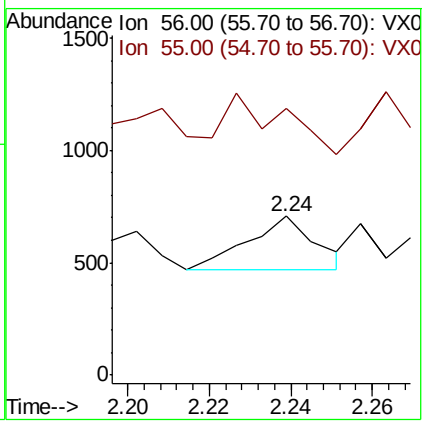


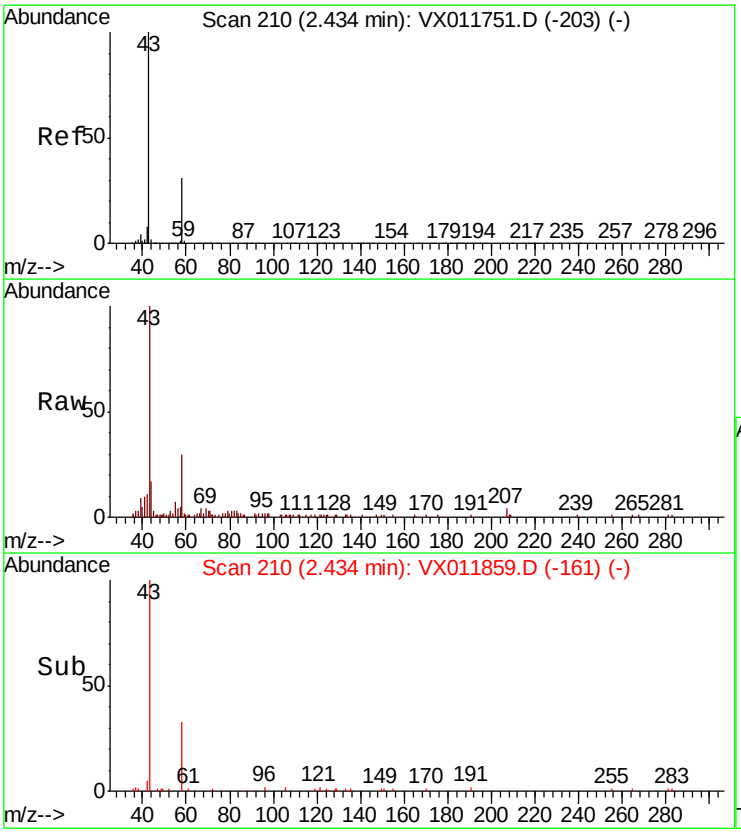
#13
Acrolein
Concen: 0.841 ug/l
RT: 2.24 min Scan# 178
Delta R.T. -0.05 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 56 Resp: 278

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.8	82.2#

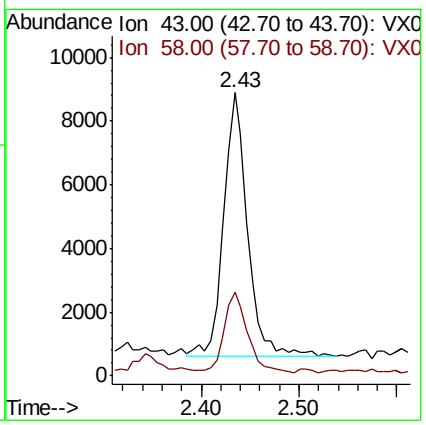


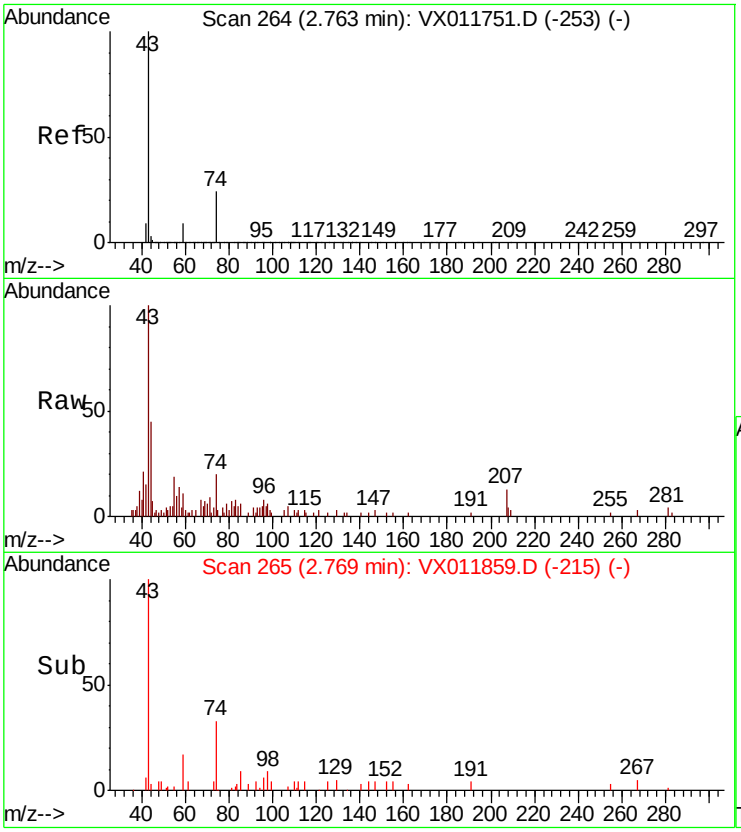


#16
Acetone
Concen: 7.419 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 43 Resp: 13972

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.4	36.6



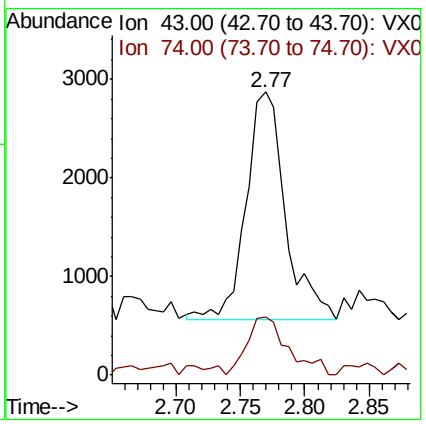


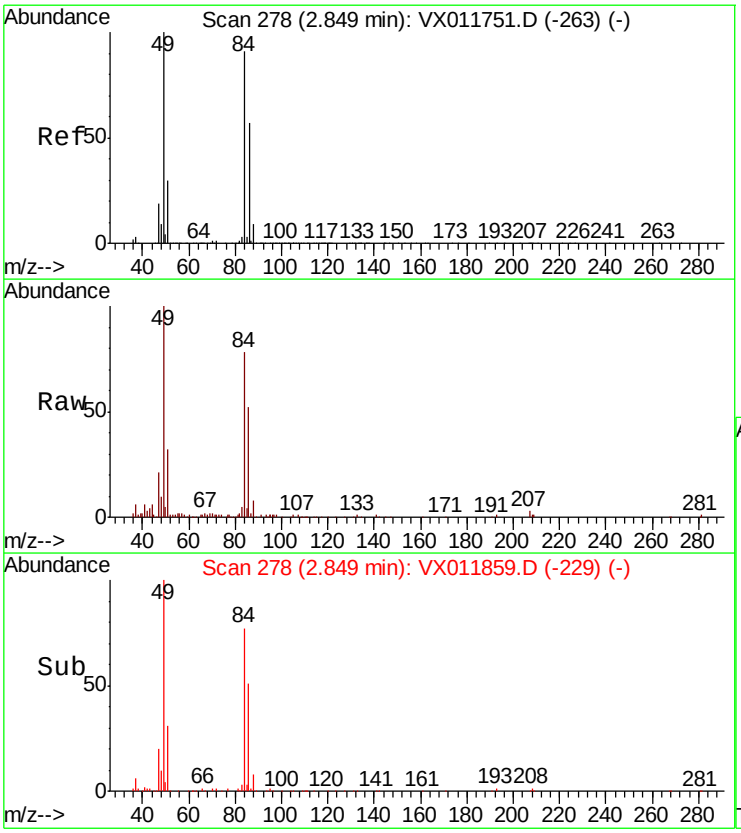
#18
Methyl Acetate
Concen: 0.944 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 43 Resp: 4823

Ion	Ratio	Lower	Upper
43	100		
74	26.7	19.5	29.3

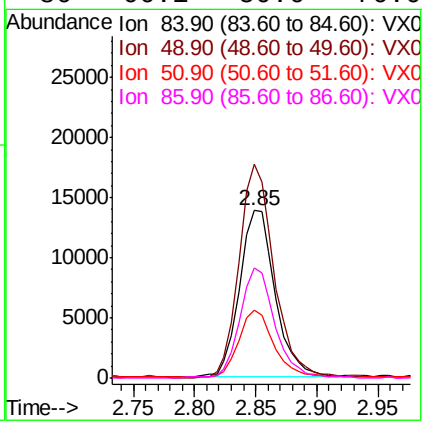


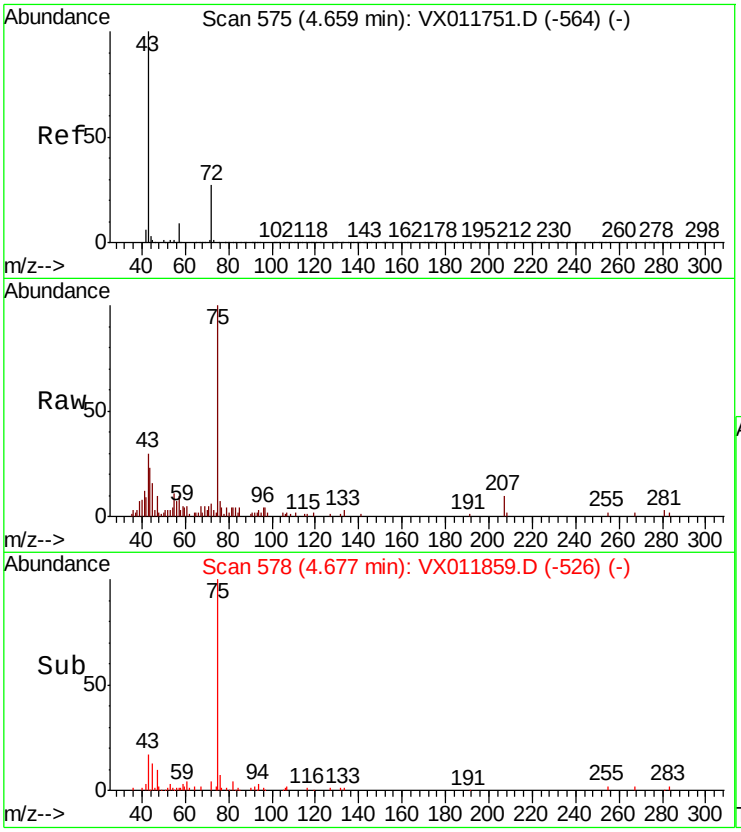


#20
Methylene Chloride
Concen: 7.293 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 84 Resp: 28081

Ion	Ratio	Lower	Upper
84	100		
49	128.6	88.3	132.5
51	39.8	26.2	39.2#
86	66.1	50.6	76.0



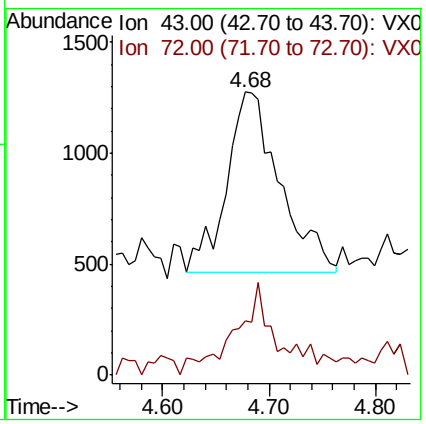


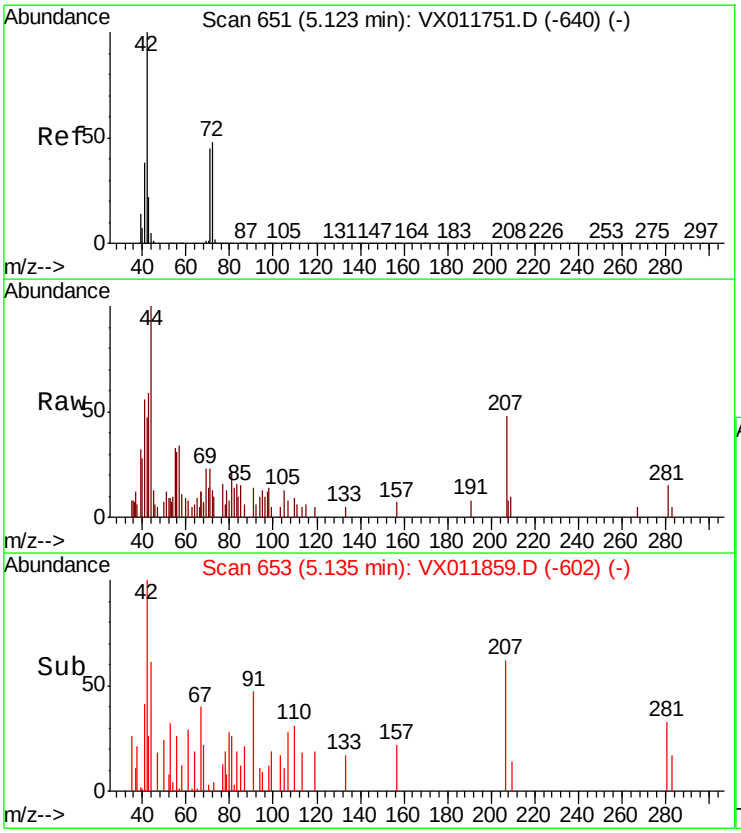
#25
2-Butanone
Concen: 1.056 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.02 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 43 Resp: 2854

Ion	Ratio	Lower	Upper
43	100		
72	22.5	21.8	32.6

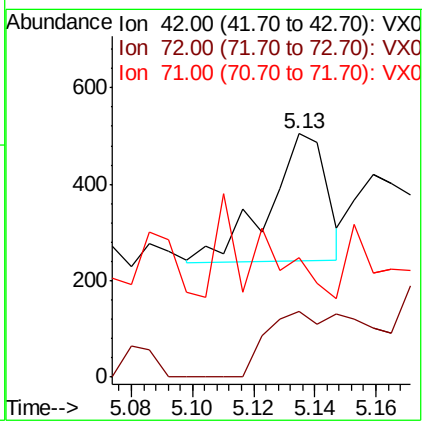


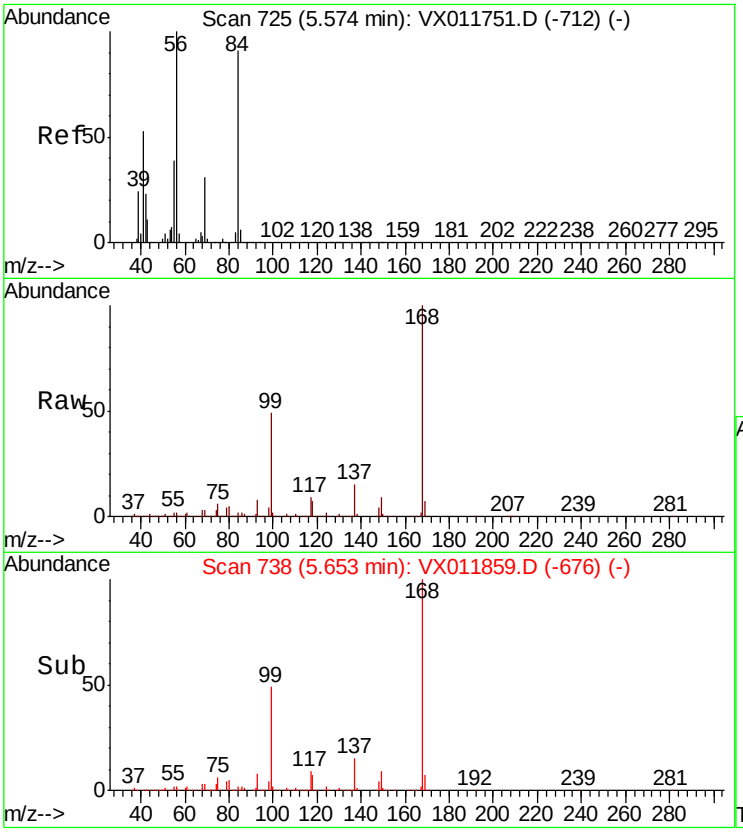


#29
Tetrahydrofuran
Concen: 0.200 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 42 Resp: 347

Ion	Ratio	Lower	Upper
42	100		
72	94.2	37.6	56.4#
71	0.0	34.6	51.8#



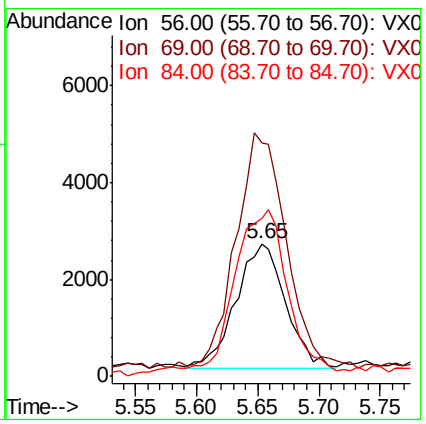


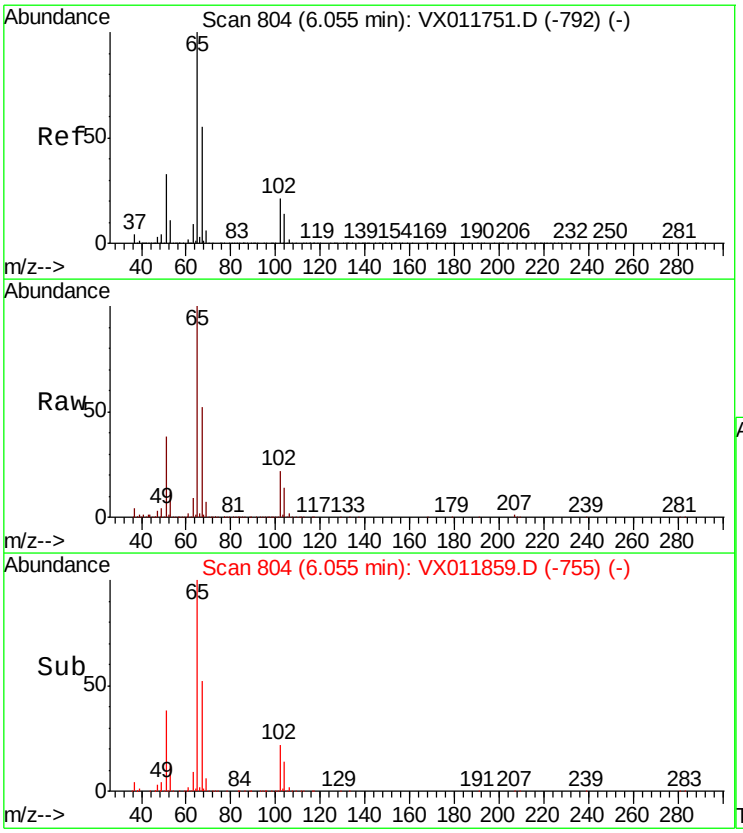
#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 56 Resp: 7221

Ion	Ratio	Lower	Upper
56	100		
69	181.2	24.5	36.7#
84	124.2	72.7	109.1#

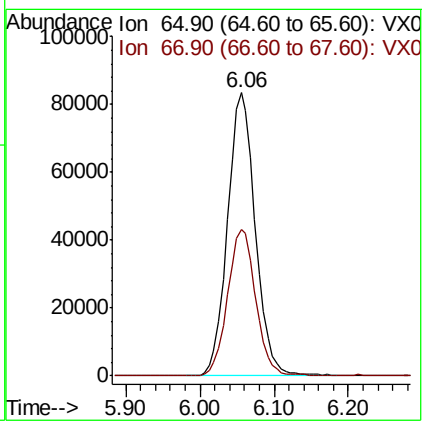


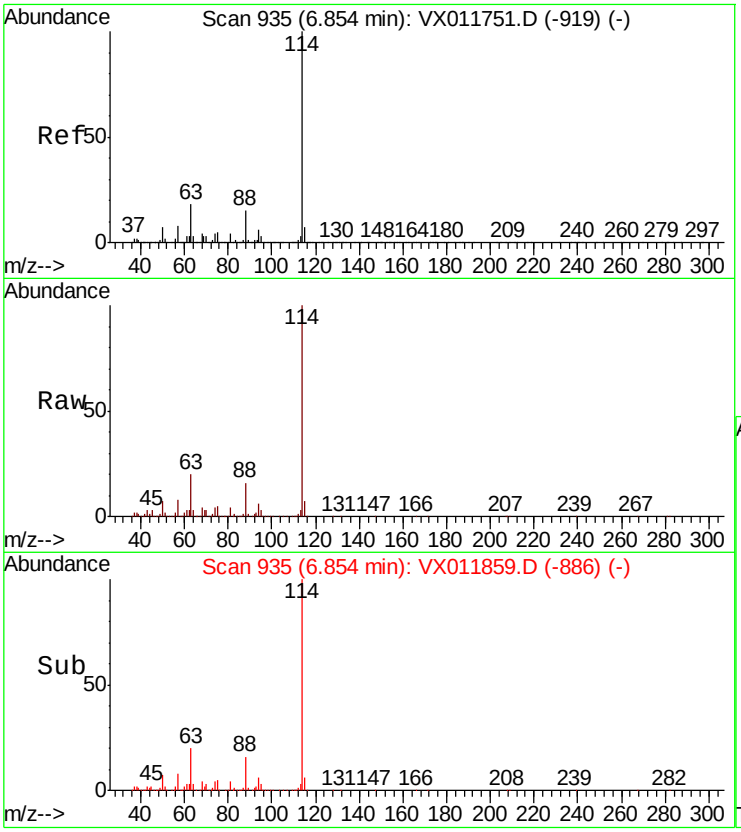


#33
1,2-Dichloroethane-d4
Concen: 50.146 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 65 Resp: 217101

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.8



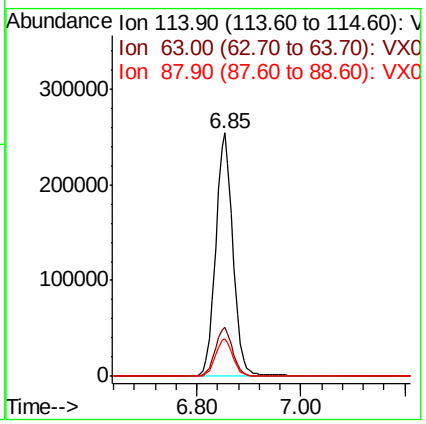


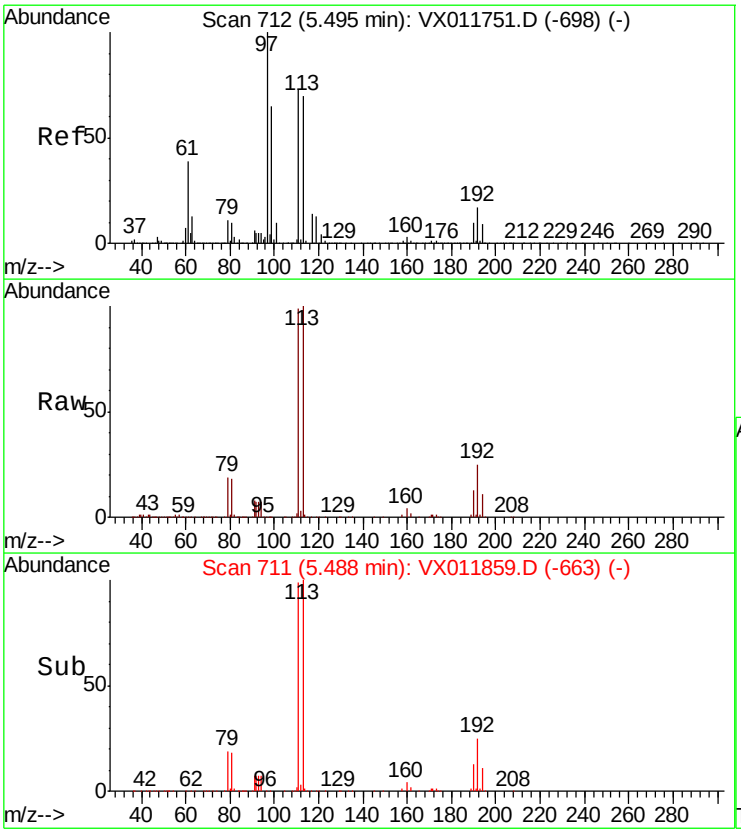
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion:114 Resp: 596344

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	36.8
88	15.5	0.0	30.2

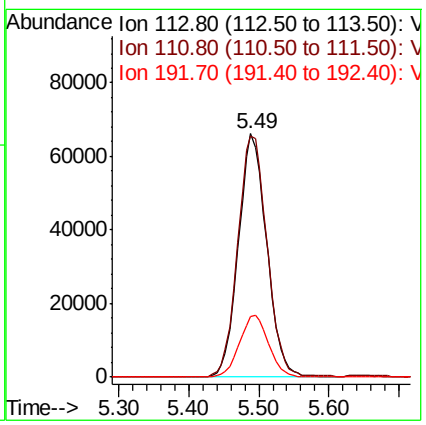


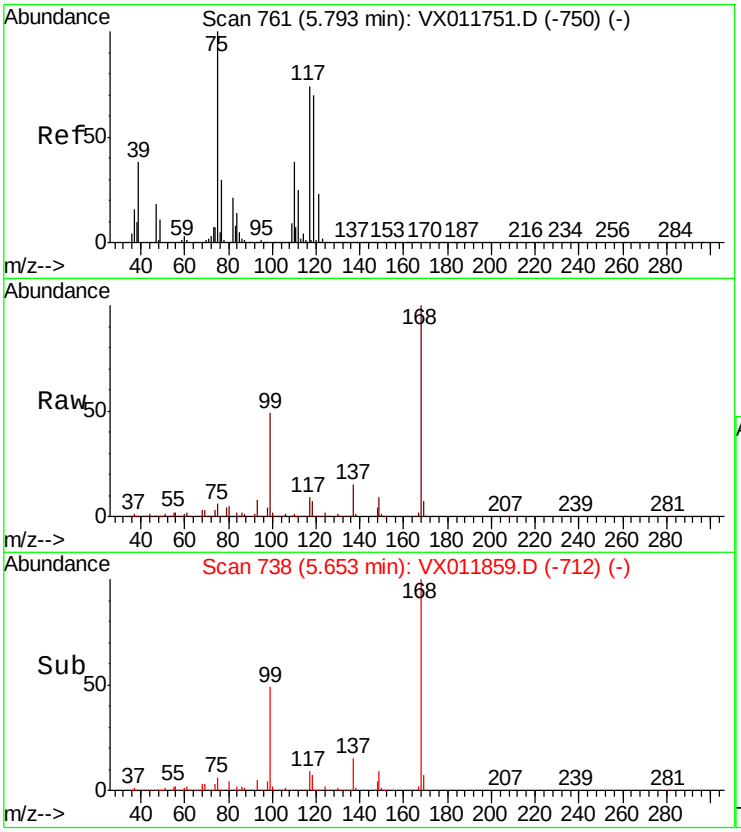


#35
Dibromofluoromethane
Concen: 48.198 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion:113 Resp: 185861

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	25.9	19.9	29.9



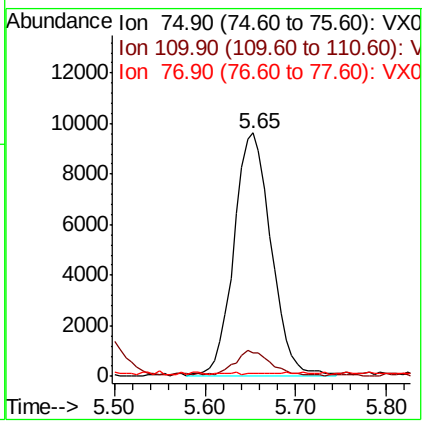


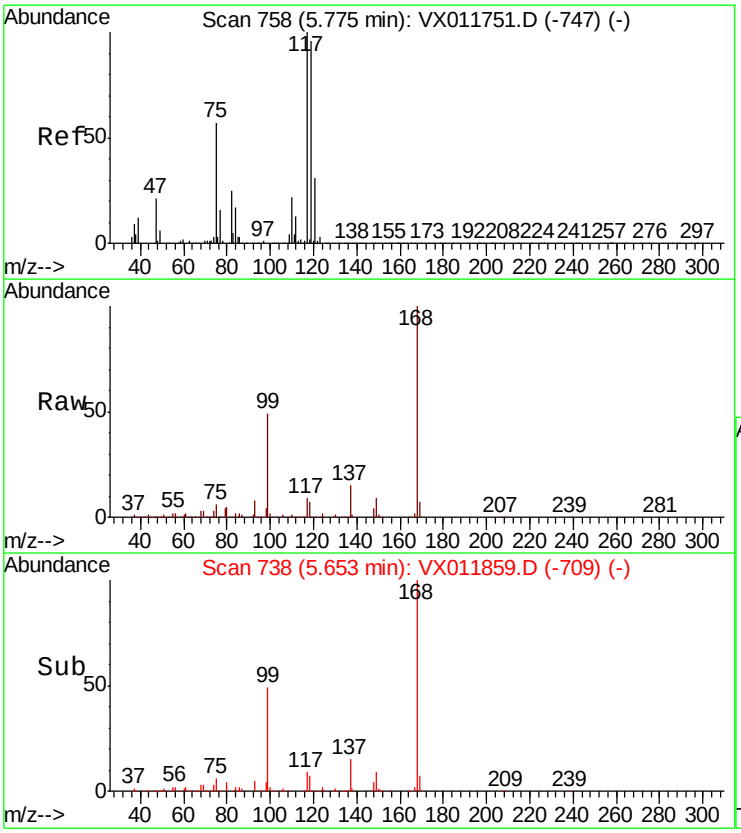
#36
1,1-Dichloropropene
Concen: 5.897 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A3(0)

Tgt Ion: 75 Resp: 27579

Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.0	57.0#
77	0.0	24.6	36.8#

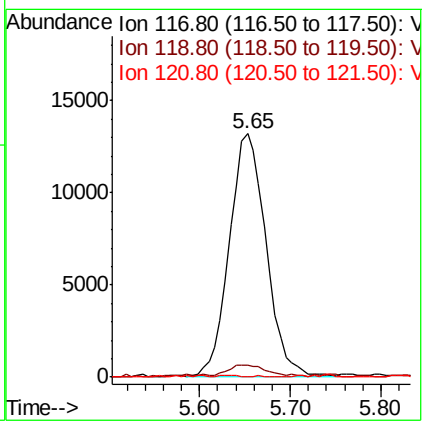


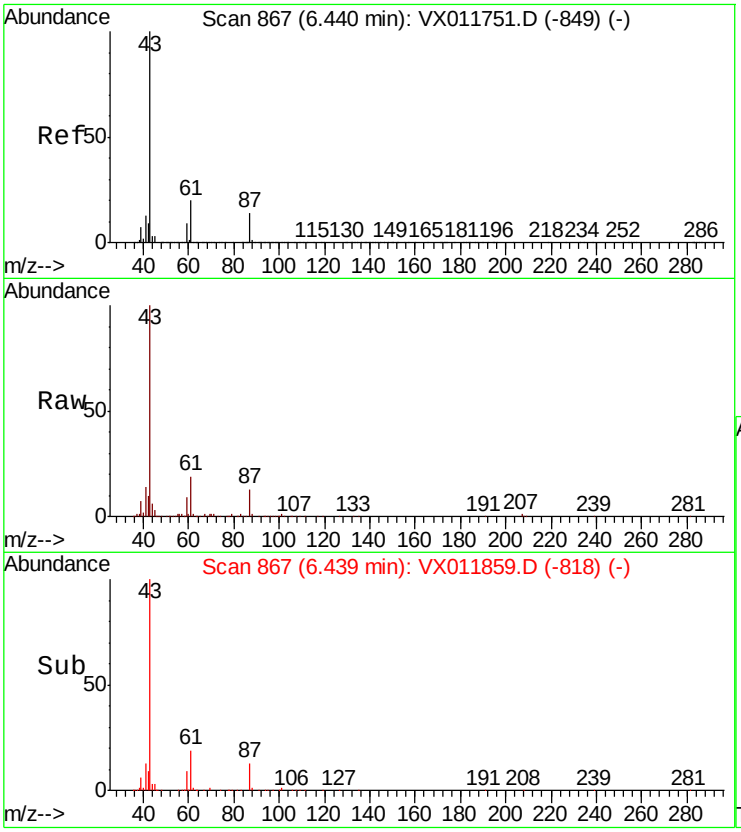


#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.12 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion:117 Resp: 36761

Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.6	114.8#
121	0.4	25.2	37.8#



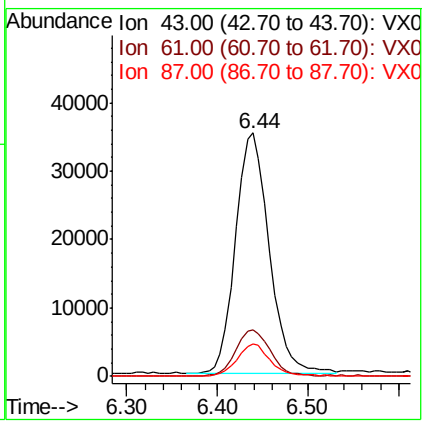


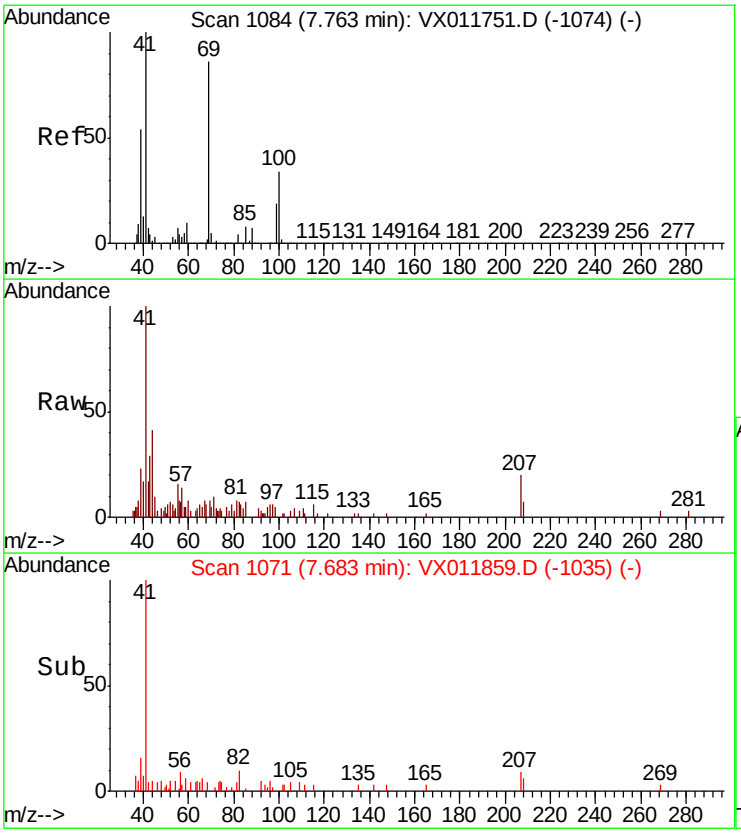
#43
Isopropyl Acetate
Concen: 11.368 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 43 Resp: 91056

Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.2
87	13.3	11.6	17.4

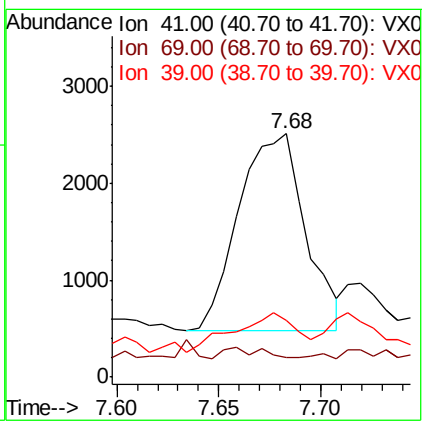


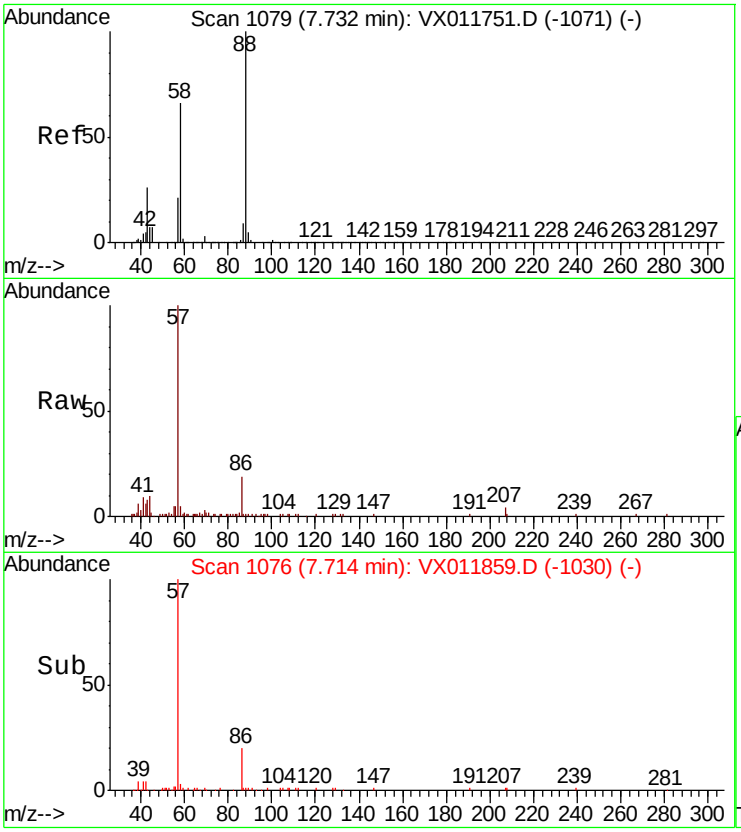


#48
Methyl methacrylate
Concen: 1.152 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.08 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 41 Resp: 4592

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.4	104.2#
39	0.0	43.6	65.4#



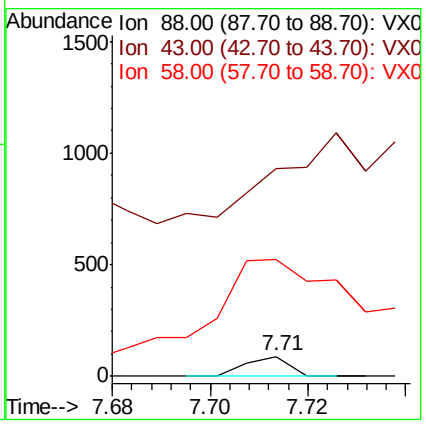


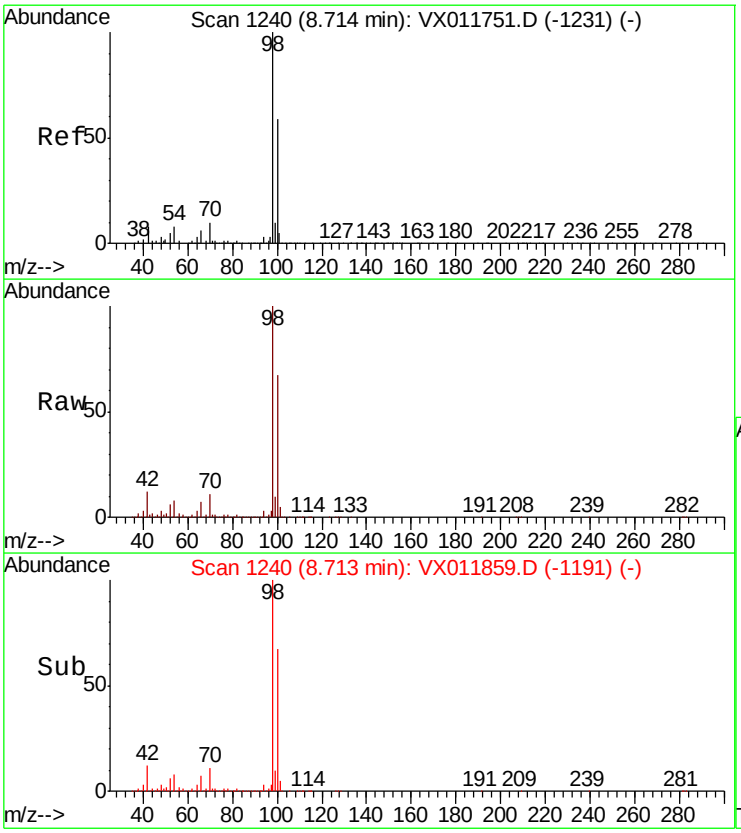
#49
1,4-Dioxane
Concen: 0.480 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	1369.8	51.4	77.2#

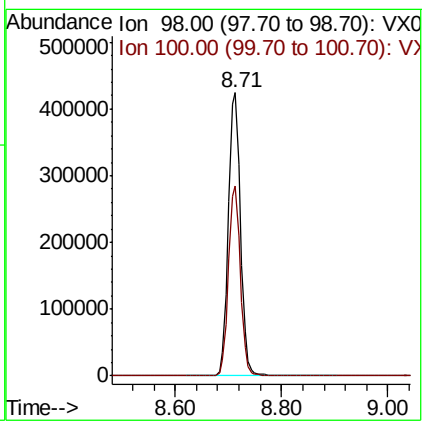


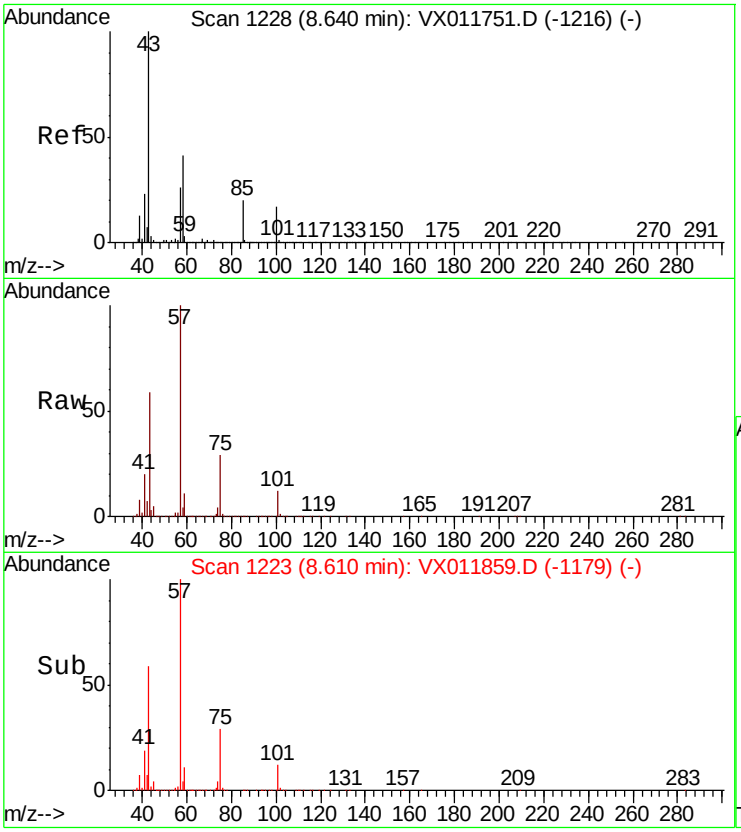


#50
Toluene-d8
Concen: 50.611 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 98 Resp: 680736

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1



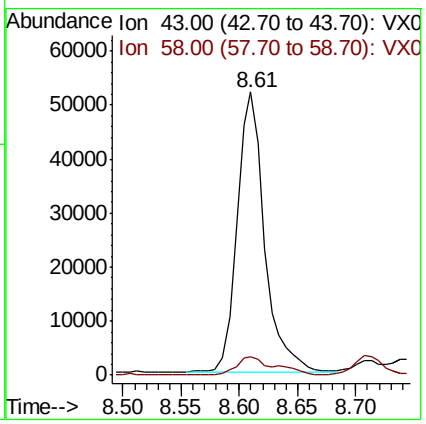


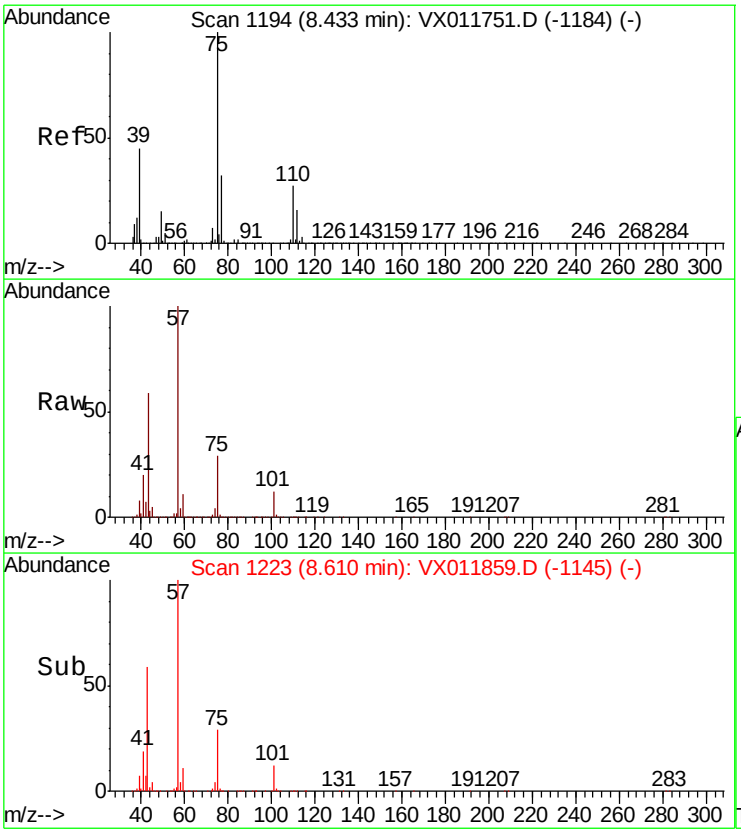
#51
4-Methyl-2-Pentanone
Concen: 16.260 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A3(0)

Tgt Ion: 43 Resp: 85819

Ion	Ratio	Lower	Upper
43	100		
58	8.6	31.8	47.6#

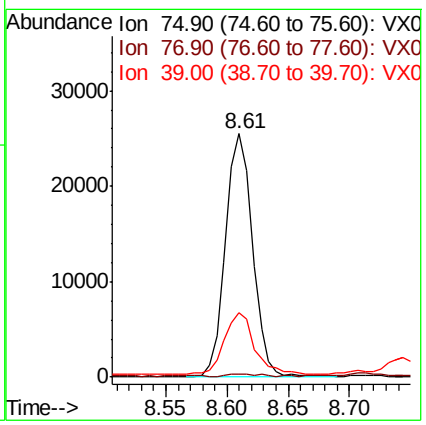


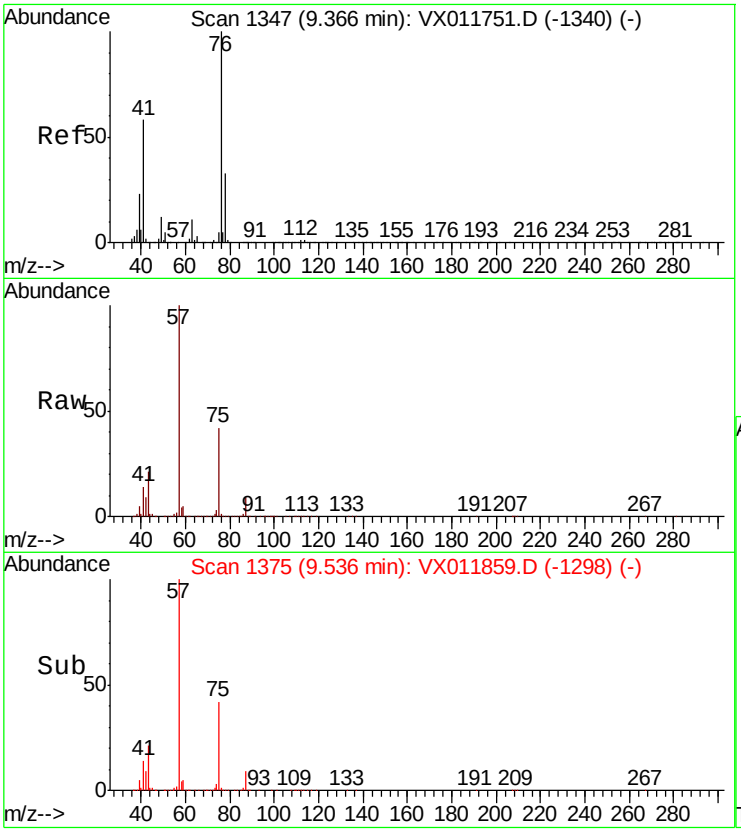


#54
cis-1,3-Dichloropropene
Concen: 7.093 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 75 Resp: 39199

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.4	38.2#
39	25.0	36.2	54.4#



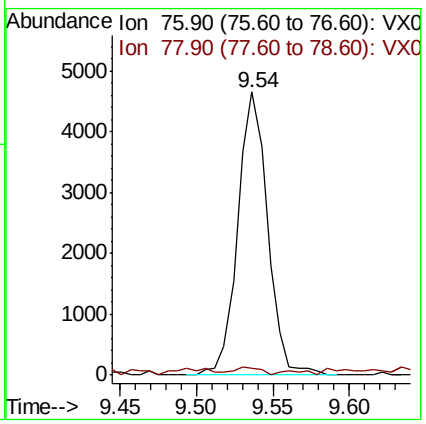


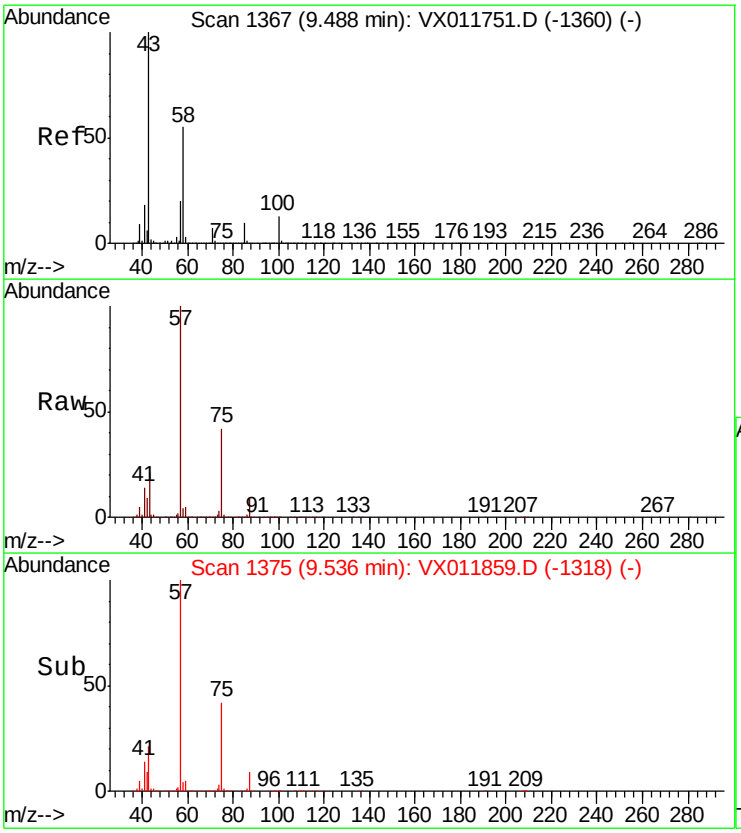
#57
1,3-Dichloropropane
Concen: 0.998 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A3(0)

Tgt Ion: 76 Resp: 6288

Ion	Ratio	Lower	Upper
76	100		
78	2.4	26.6	39.8#

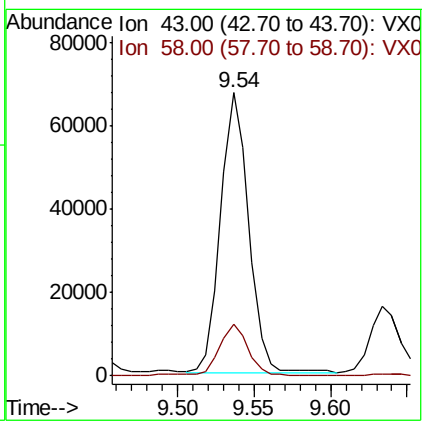


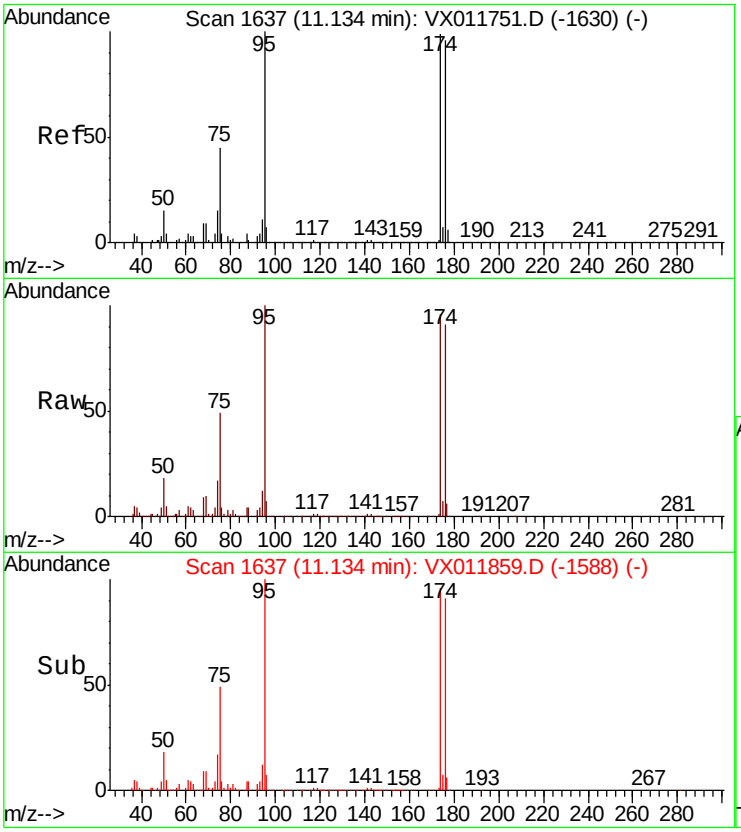


#59
2-Hexanone
Concen: 21.229 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 43 Resp: 85997

Ion	Ratio	Lower	Upper
43	100		
58	18.8	27.7	83.1#



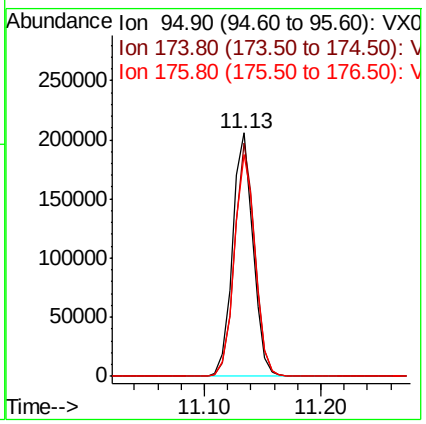


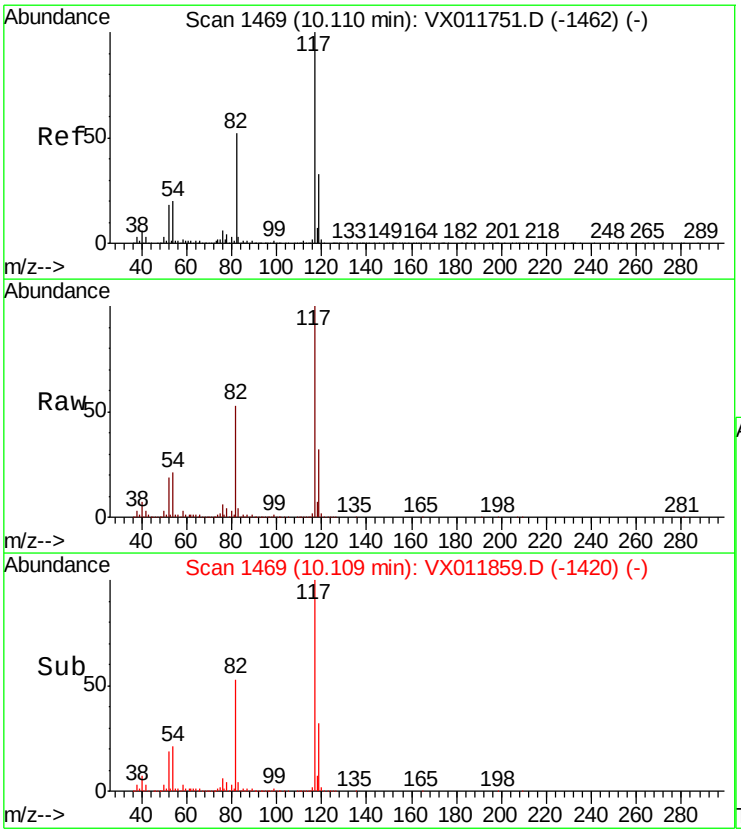
#62
4-Bromofluorobenzene
Concen: 47.556 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 95 Resp: 252830

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	197.4
176	92.8	0.0	194.4

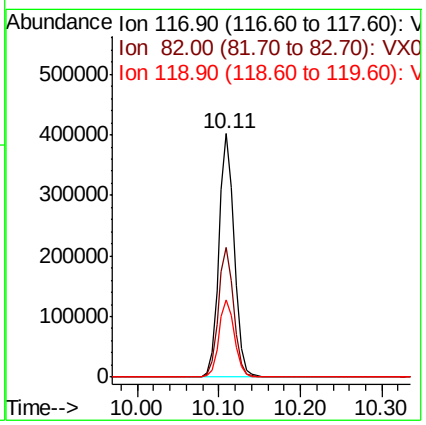


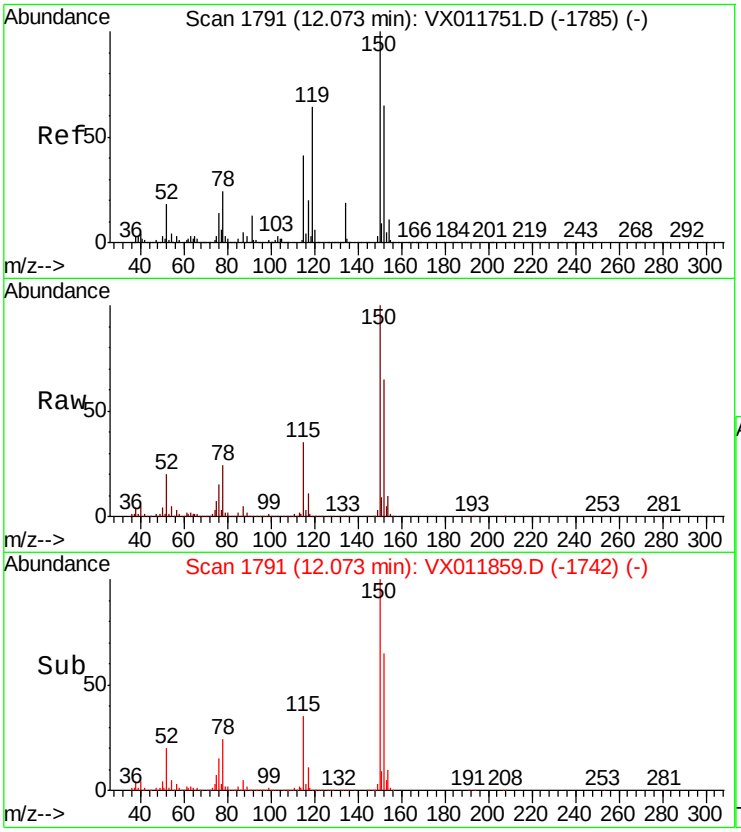


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion:117 Resp: 526175

Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.7	62.5
119	31.8	26.2	39.2



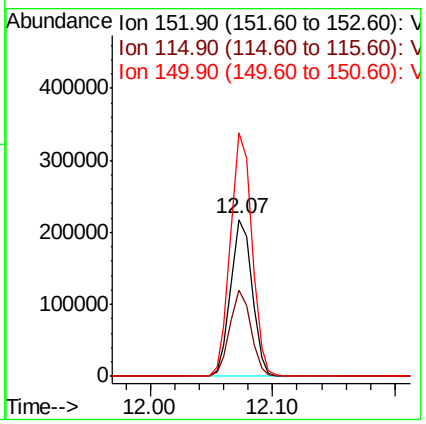


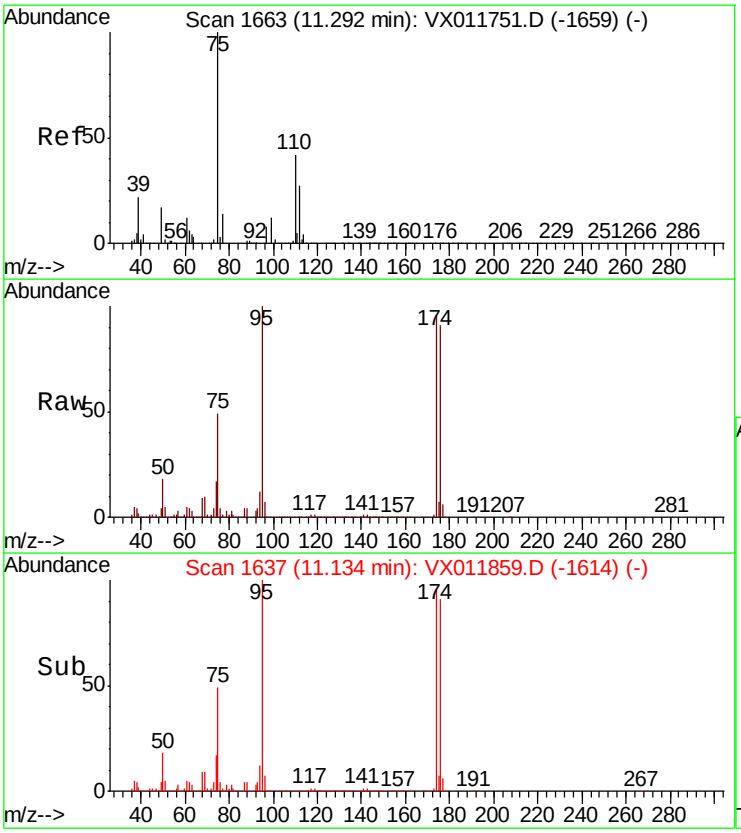
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion:152 Resp: 265347

Ion	Ratio	Lower	Upper
152	100		
115	53.7	37.3	111.8
150	155.2	0.0	343.0

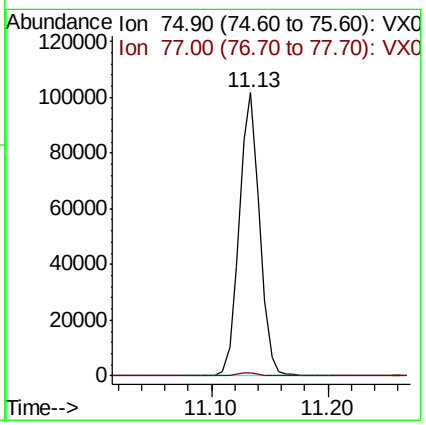


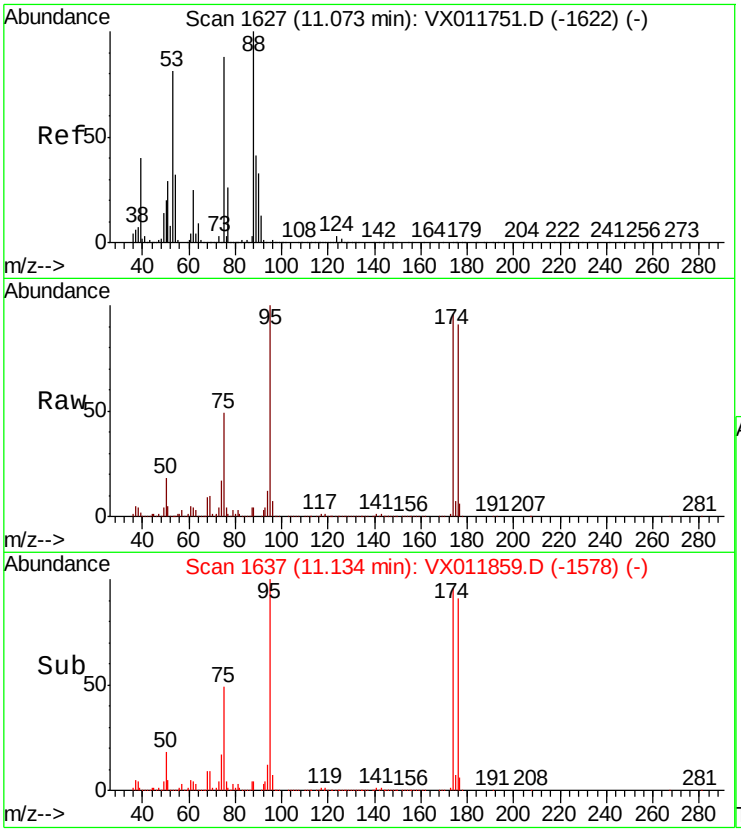


#76
1,2,3-Trichloropropane
Concen: 26.736 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Tgt Ion: 75 Resp: 124484

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.631 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011859.D
Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A3(0)

Tgt Ion: 75 Resp: 124484

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.1	38.5	57.7#