Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
Data File : VX011832.D
Acq On : 24 Aug 2019 20:33
Operator : JC/SP
Sample : K4474-33
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T1-2-K2-(2.5)

Quant Time: Aug 26 04:12:49 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	5.66	168	452327	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	613916	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	581008	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316228	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	203766	44.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.68%				
35) Dibromofluoromethane	5.49	113	184077	46.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.74%				
50) Toluene-d8	8.71	98	710219	51.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.58%				
62) 4-Bromofluorobenzene	11.13	95	262683	48.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.00%				
Target Compounds							Qvalue
8) Diethyl Ether	2.18	74	549	0.274	ug/l		74
11) Tert butyl alcohol	3.09	59	318	0.354	ug/l	#	56
13) Acrolein	2.26	56	93	0.268	ug/l	#	54
15) Acrylonitrile	3.12	53	462	0.225	ug/l	#	8
16) Acetone	2.43	43	10900	5.514	ug/l		95
18) Methyl Acetate	2.76	43	2757	0.514	ug/l	#	72
20) Methylene Chloride	2.85	84	14933	3.695	ug/l		98
25) 2-Butanone	4.68	43	889	0.313	ug/l	#	35
29) Tetrahydrofuran	5.14	42	533	0.293	ug/l	#	52
36) 1,1-Dichloropropene	5.65	75	25258	5.247	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	38317	7.023	ug/l	#	16
43) Isopropyl Acetate	6.44	43	65720	7.970	ug/l		98
48) Methyl methacrylate	7.68	41	3826	0.932	ug/l	#	16
49) 1,4-Dioxane	7.74	88	196	1.724	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	60612	11.156	ug/l	#	52
54) cis-1,3-Dichloropropene	8.61	75	30965	5.443	ug/l	#	61
59) 2-Hexanone	9.54	43	68774	16.492	ug/l	#	51
74) N-amyl acetate	10.82	43	2935	0.398	ug/l	#	47
76) 1,2,3-Trichloropropane	11.13	75	118235	21.308	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	118235	64.261	ug/l	#	11

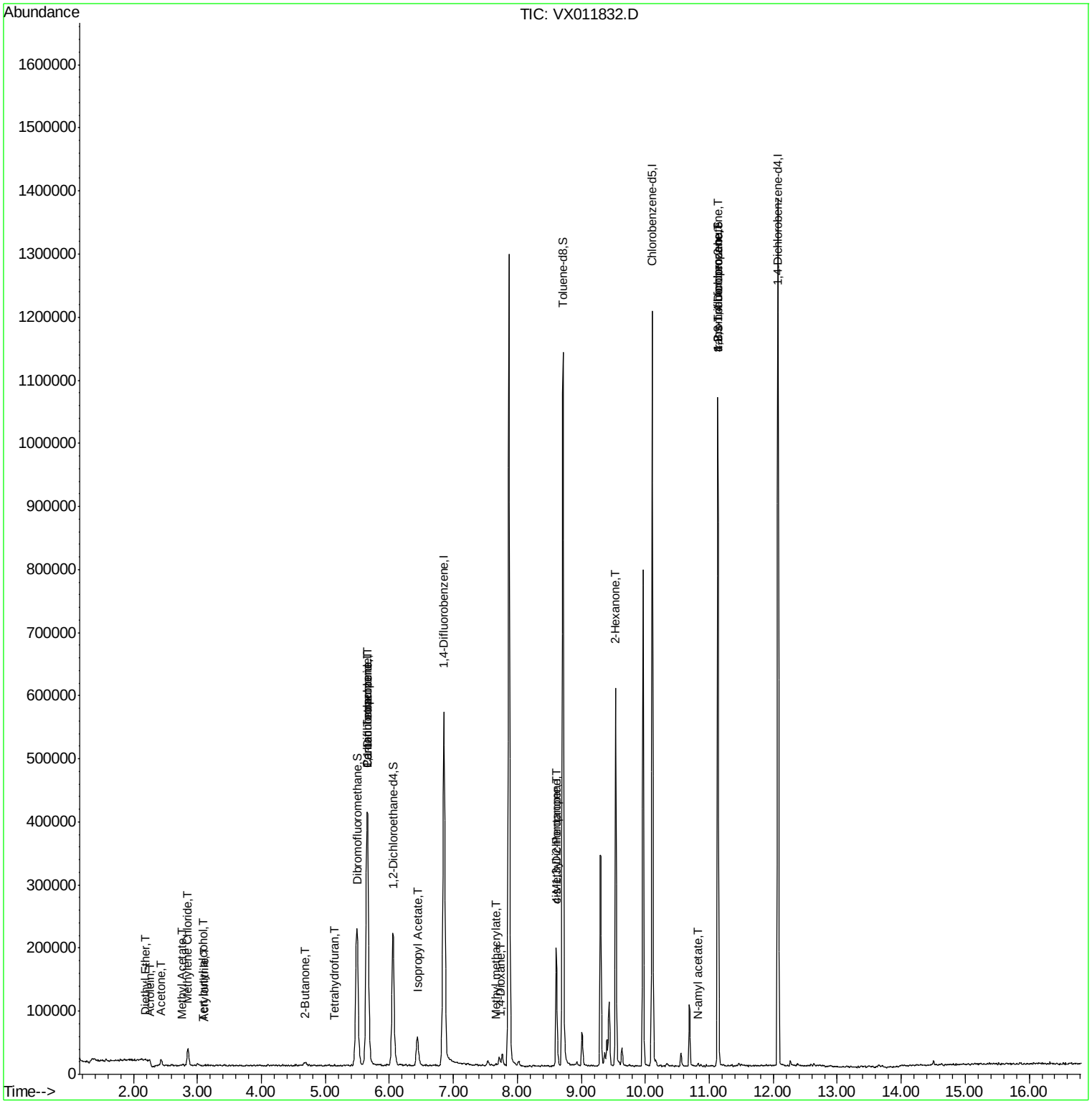
(#) = qualifier out of range (m) = manual integration (+) = signals summed

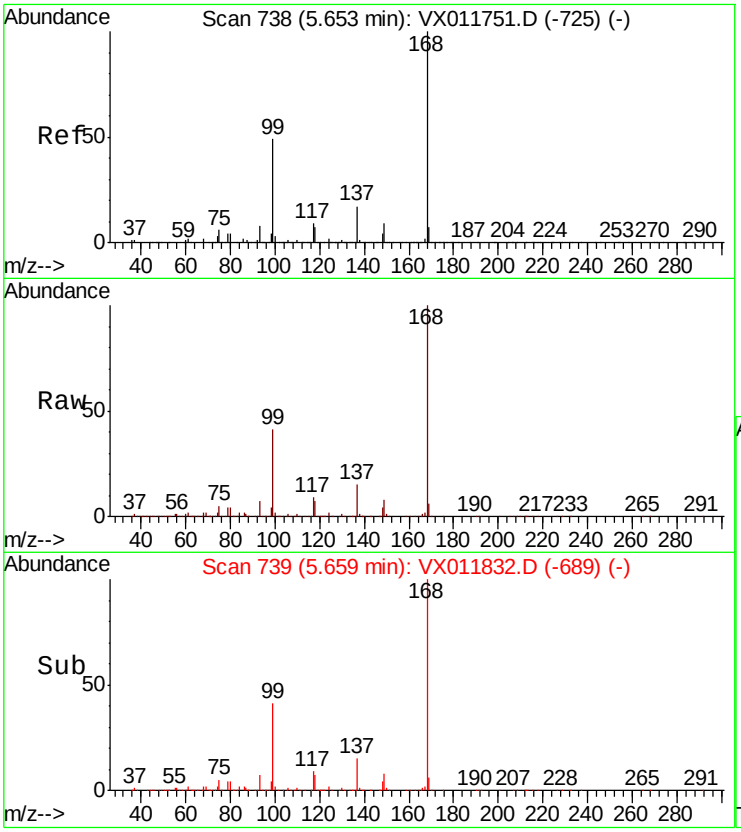
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
Data File : VX011832.D
Acq On : 24 Aug 2019 20:33
Operator : JC/SP
Sample : K4474-33
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Quant Time: Aug 26 04:12:49 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



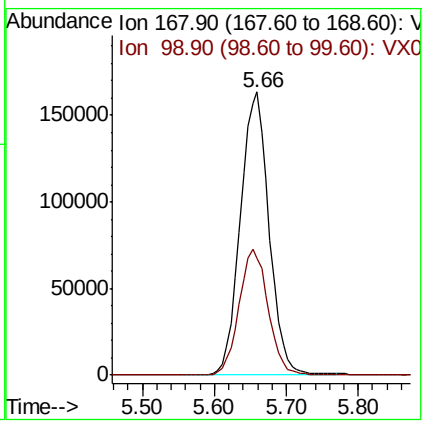


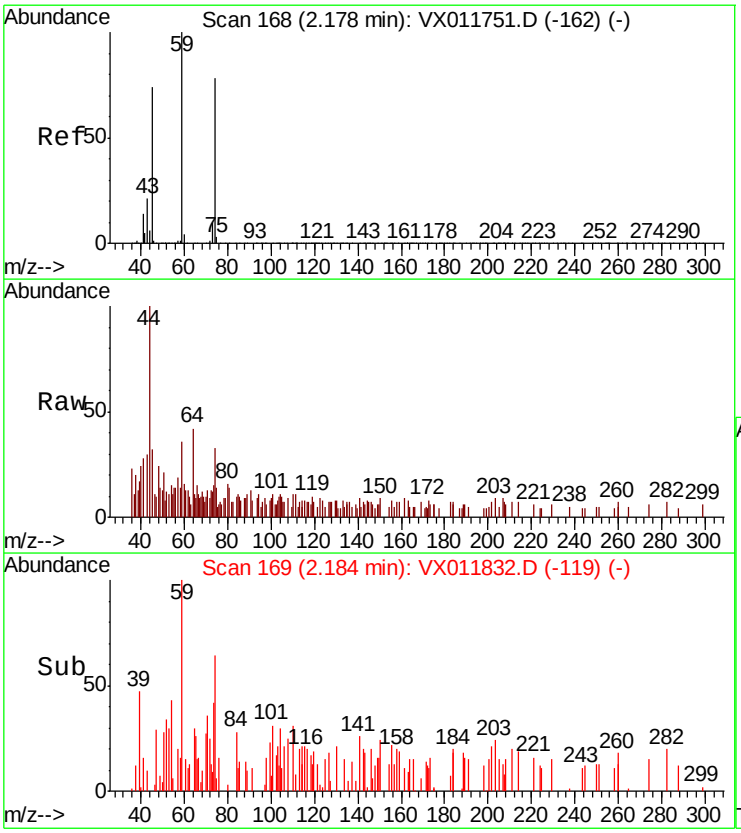
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion:168 Resp: 452327

Ion	Ratio	Lower	Upper
168	100		
99	41.1	39.4	59.2

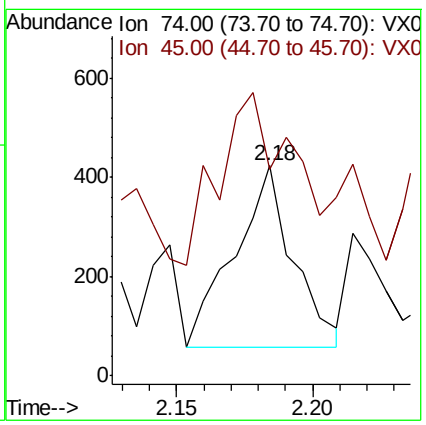


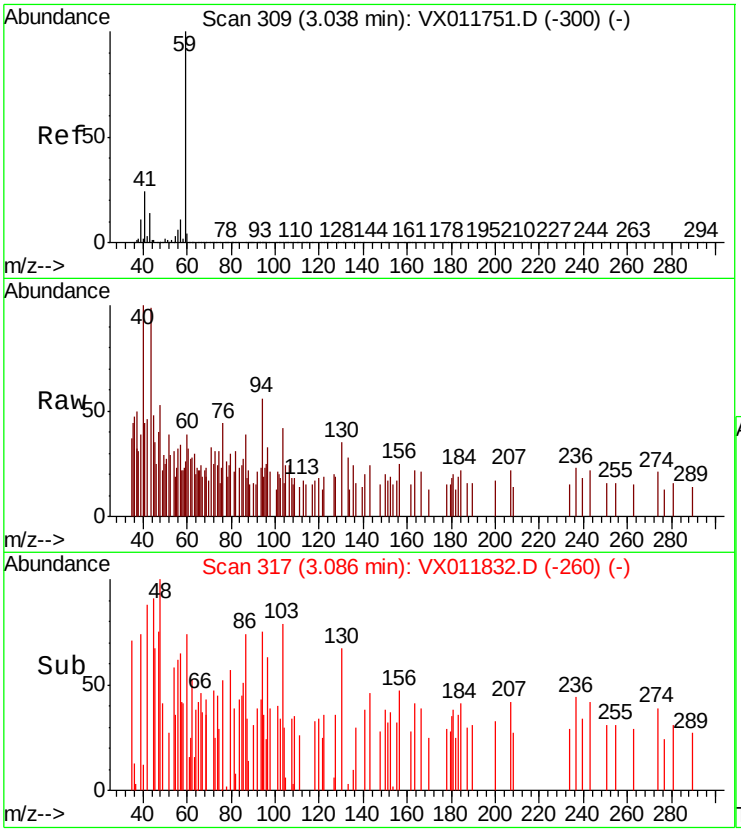


#8
Diethyl Ether
Concen: 0.274 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 74 Resp: 549

Ion	Ratio	Lower	Upper
74	100		
45	118.4	46.7	140.0



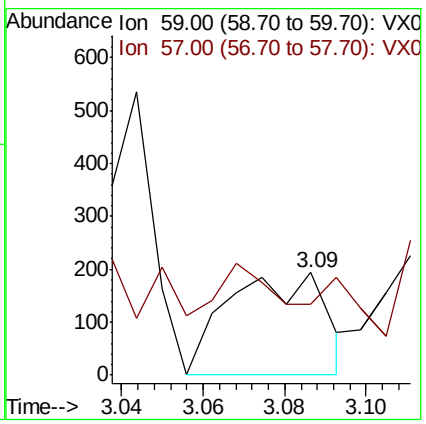


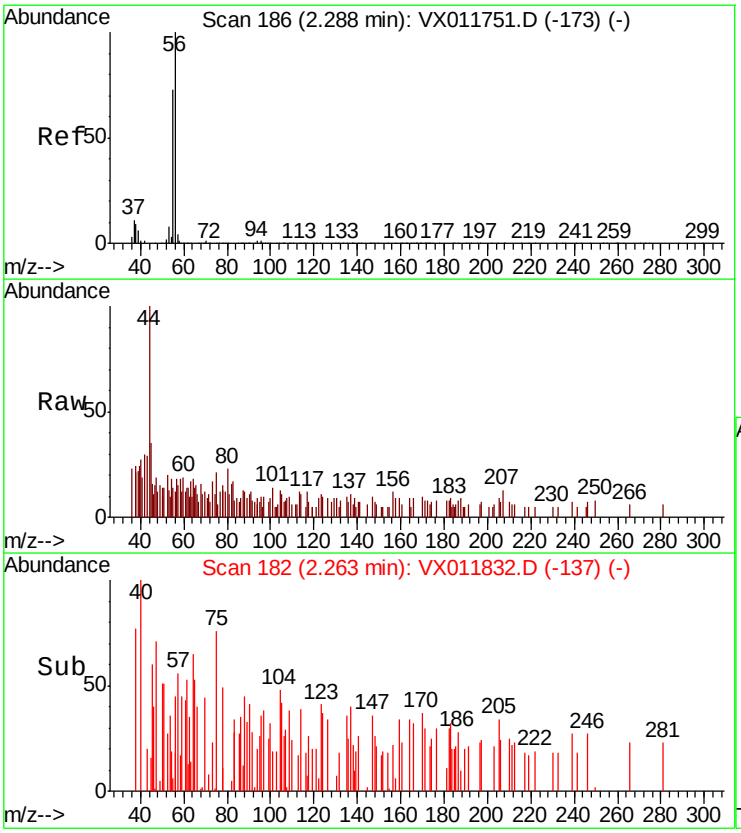
#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.05 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 59 Resp: 318

Ion	Ratio	Lower	Upper
59	100		
57	27.0	8.4	12.6#

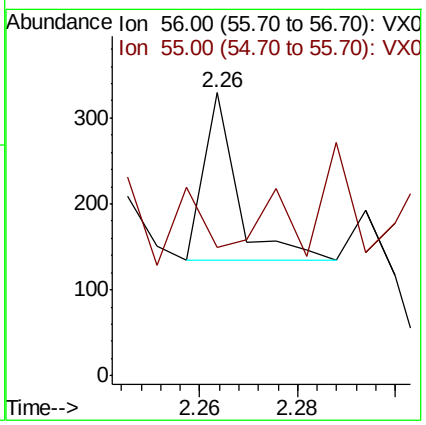


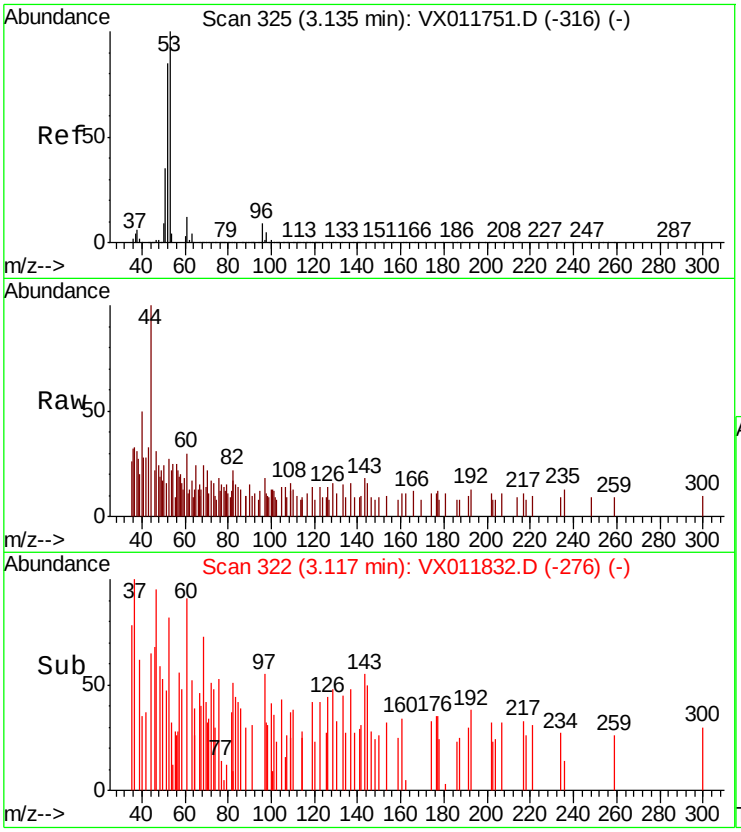


#13
Acrolein
Concen: 0.268 ug/l
RT: 2.26 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 56 Resp: 93

Ion	Ratio	Lower	Upper
56	100		
55	31.2	54.8	82.2#



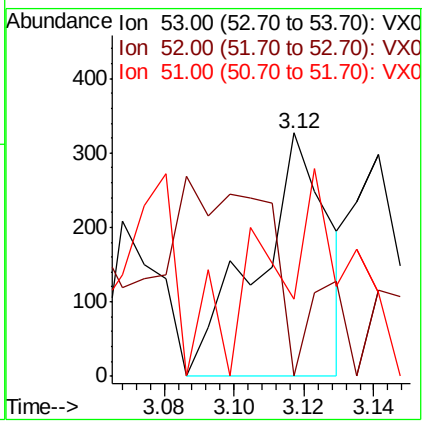


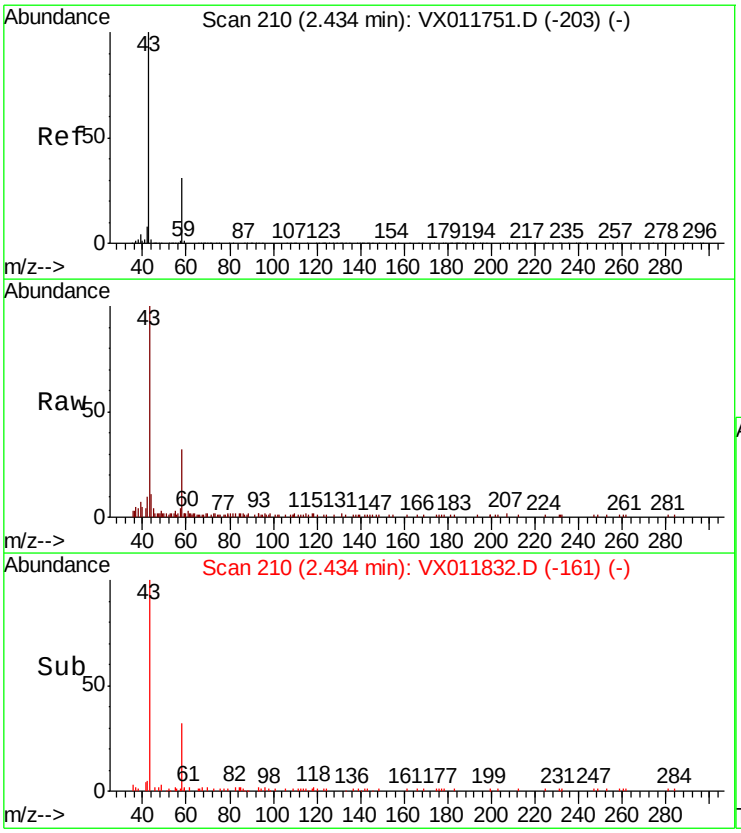
#15
Acrylonitrile
Concen: 0.225 ug/l
RT: 3.12 min Scan# 322
Delta R.T. -0.02 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument : MSVOA_X
ClientSampleId : T1-2-K2-(2.5)

Tgt Ion: 53 Resp: 462

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	90.0	28.6	43.0#

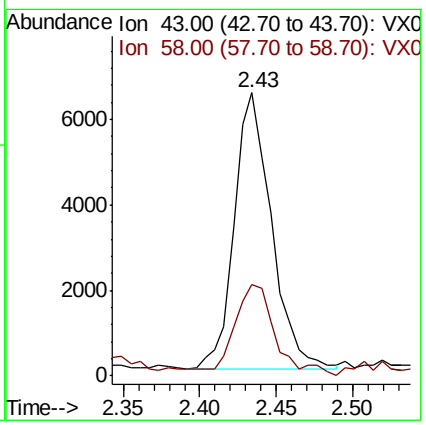


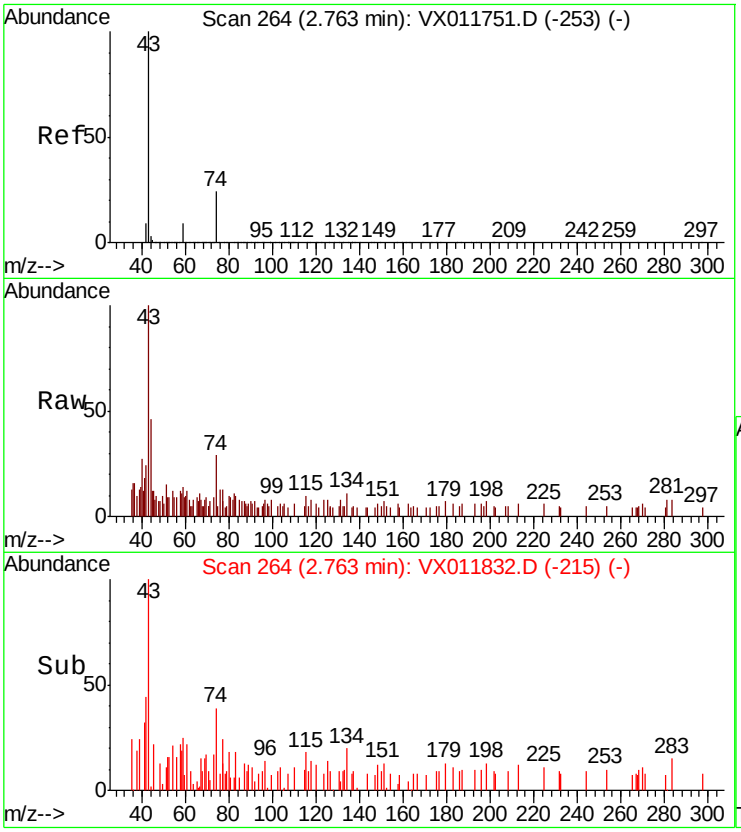


#16
Acetone
Concen: 5.514 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 43 Resp: 10900

Ion	Ratio	Lower	Upper
43	100		
58	33.3	24.4	36.6



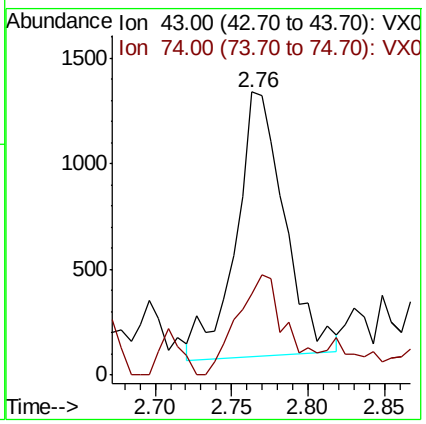


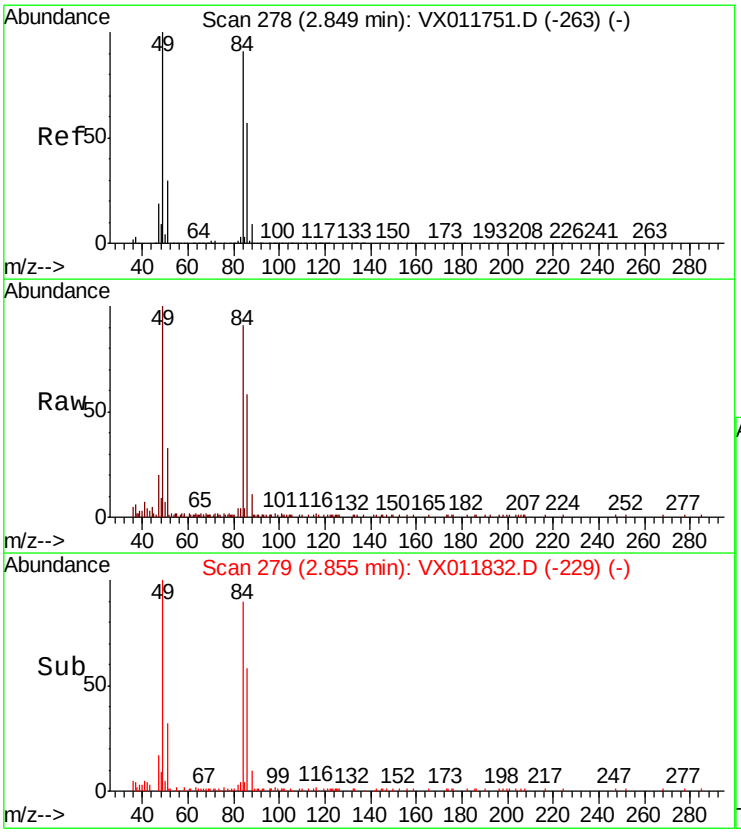
#18
Methyl Acetate
Concen: 0.514 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 43 Resp: 2757

Ion	Ratio	Lower	Upper
43	100		
74	38.5	19.5	29.3#

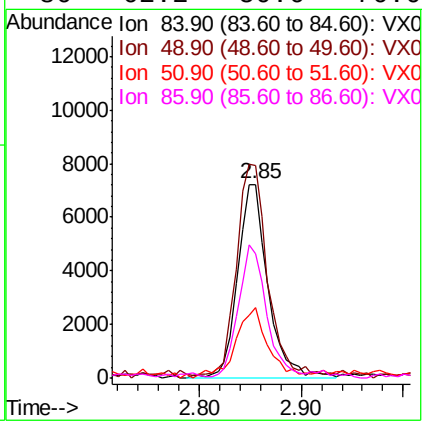


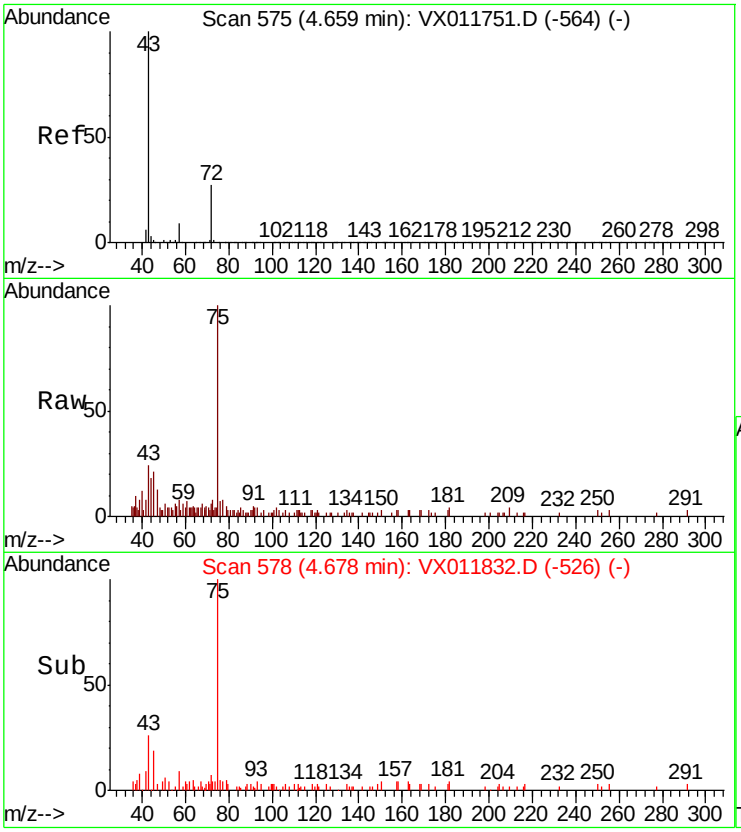


#20
Methylene Chloride
Concen: 3.695 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 84 Resp: 14933

Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.3	132.5
51	34.3	26.2	39.2
86	62.2	50.6	76.0



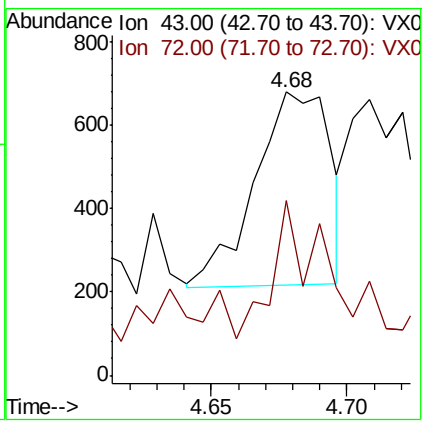


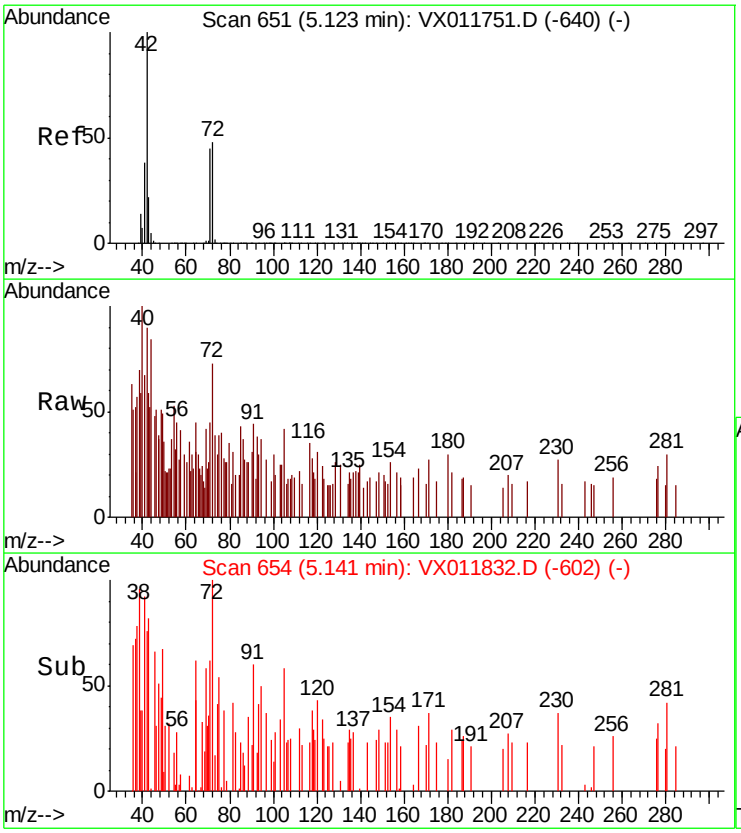
#25
2-Butanone
Concen: 0.313 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.02 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument : MSVOA_X
ClientSampleId : T1-2-K2-(2.5)

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
72	61.2	21.8	32.6#

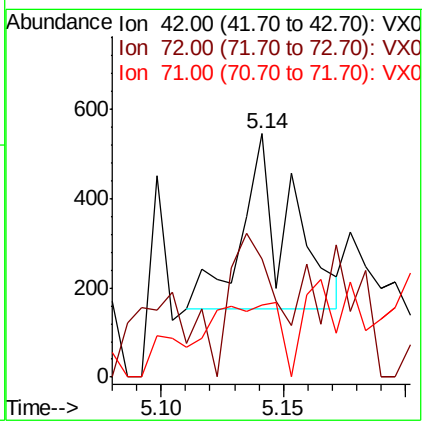


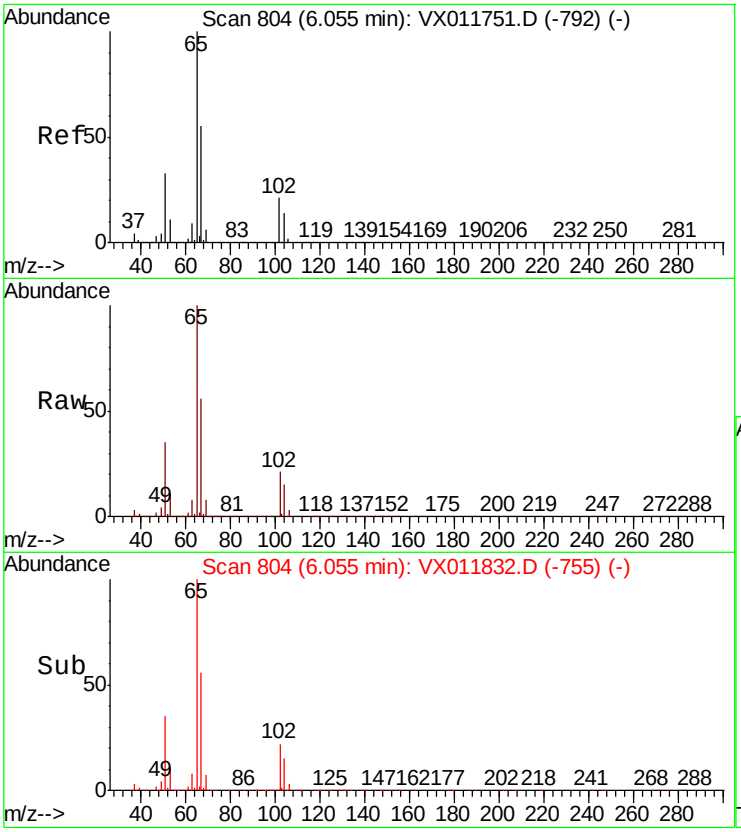


#29
Tetrahydrofuran
Concen: 0.293 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.02 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 42 Resp: 533

Ion	Ratio	Lower	Upper
42	100		
72	76.5	37.6	56.4#
71	76.7	34.6	51.8#



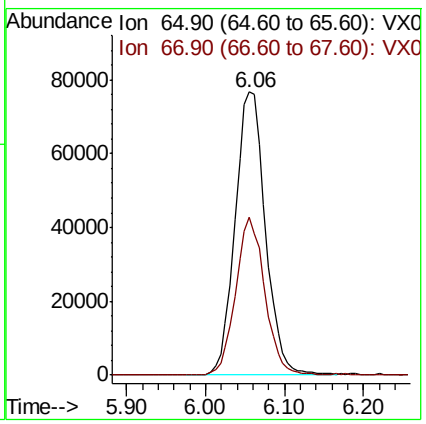


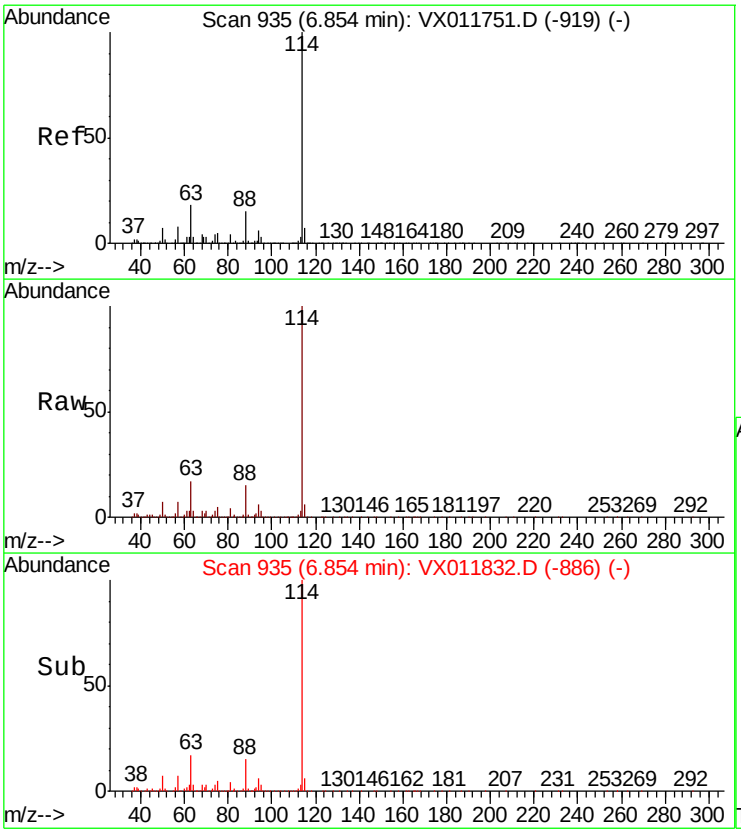
#33
1,2-Dichloroethane-d4
Concen: 44.844 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 65 Resp: 203766

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8

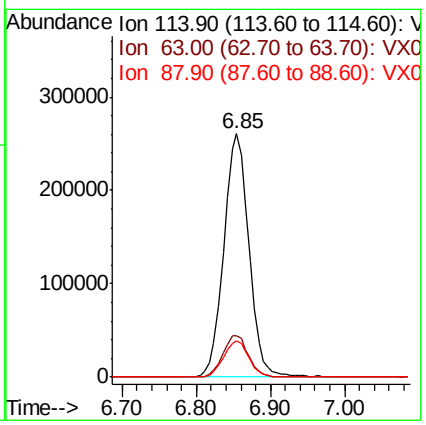


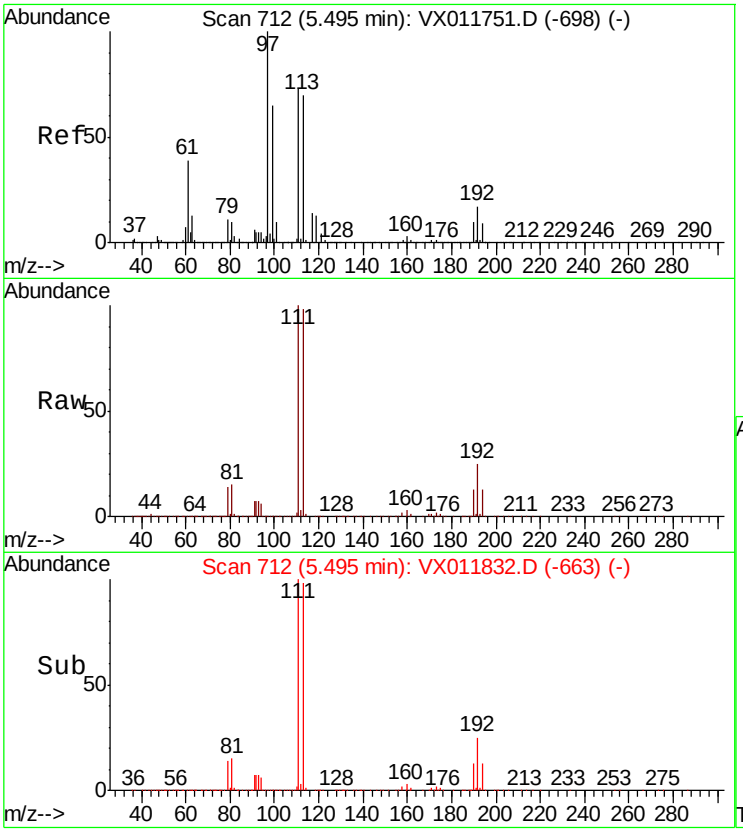


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion:114 Resp: 613916

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.8
88	14.6	0.0	30.2



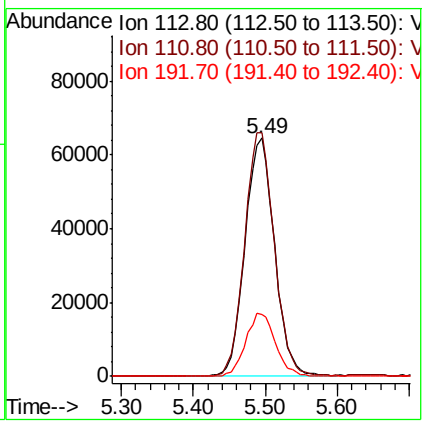


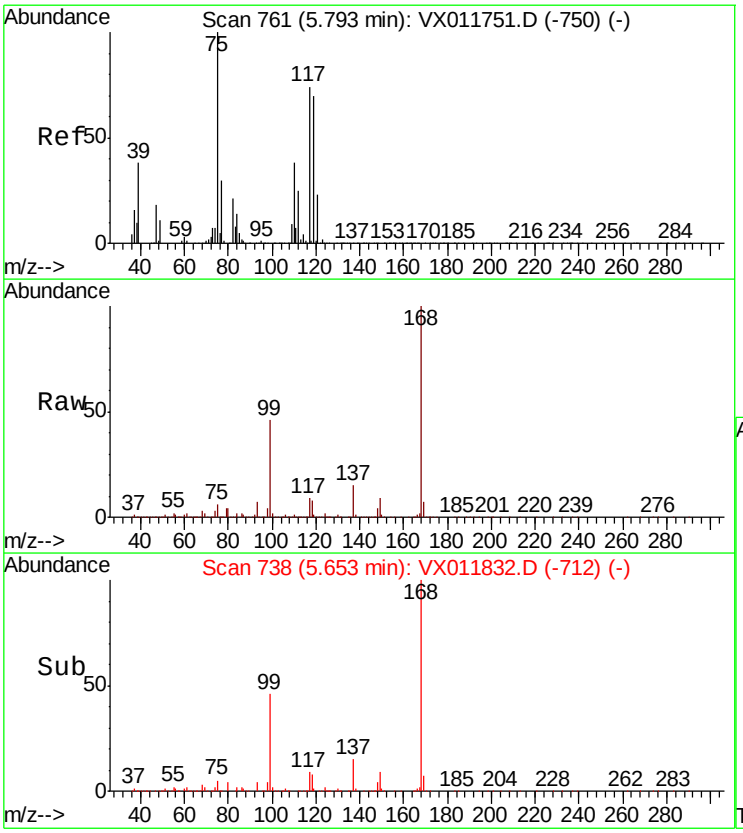
#35
Dibromofluoromethane
Concen: 46.369 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion:113 Resp: 184077

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	26.9	19.9	29.9

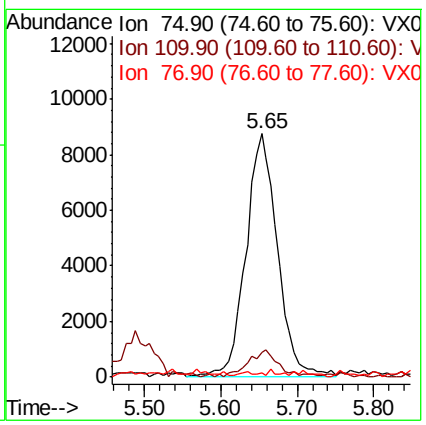


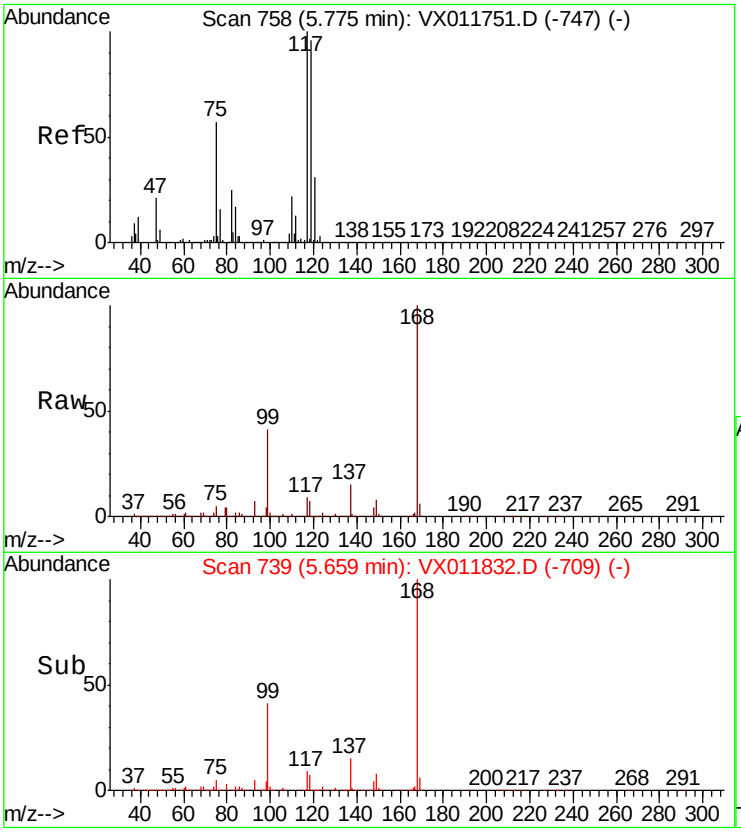


#36
1,1-Dichloropropene
Concen: 5.247 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 75 Resp: 25258

Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.0	57.0#
77	0.5	24.6	36.8#



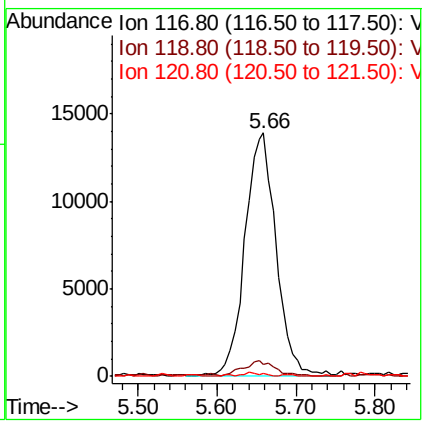


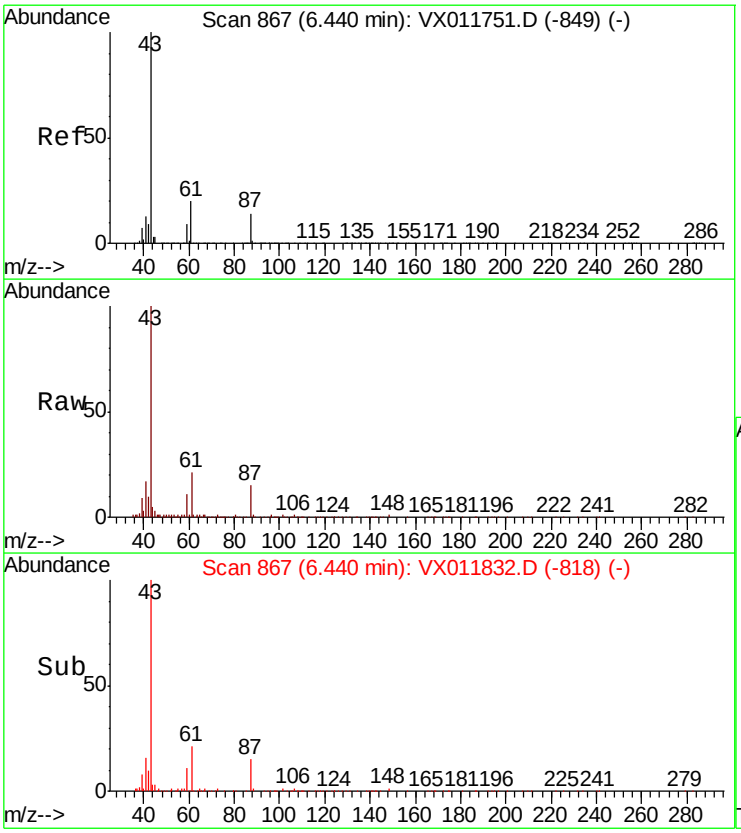
#38
Carbon Tetrachloride
Concen: 7.023 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion:117 Resp: 38317

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.6	114.8#
121	0.8	25.2	37.8#

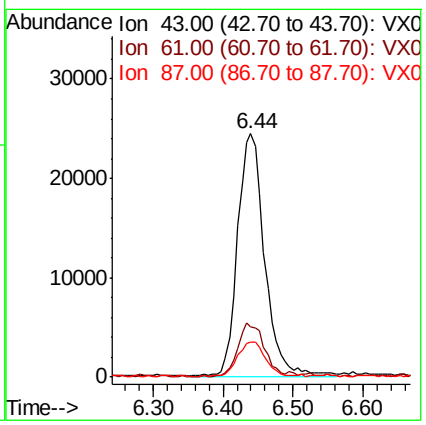


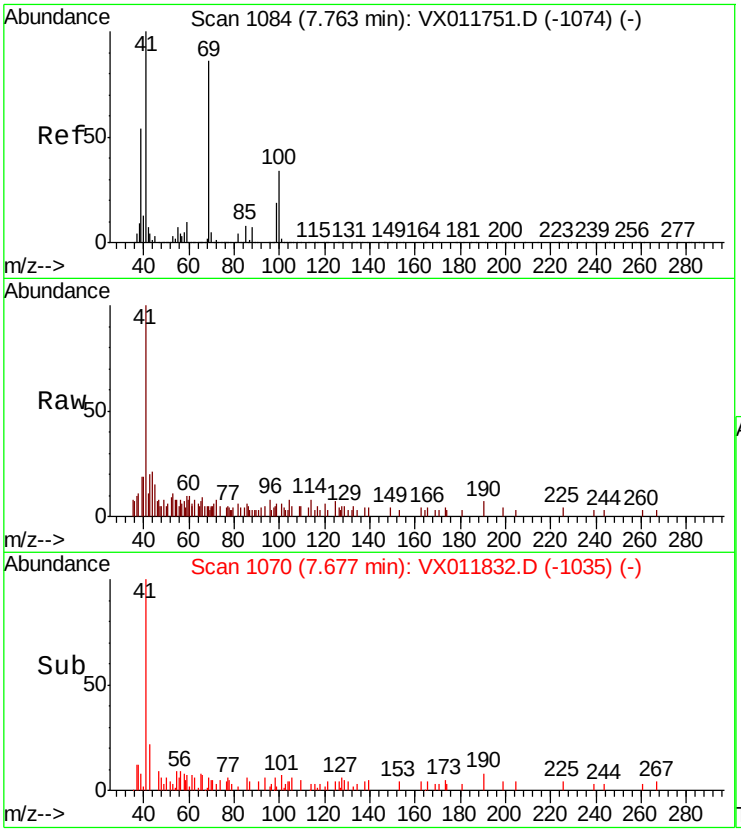


#43
Isopropyl Acetate
Concen: 7.970 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 43 Resp: 65720

Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.2	24.2
87	14.6	11.6	17.4



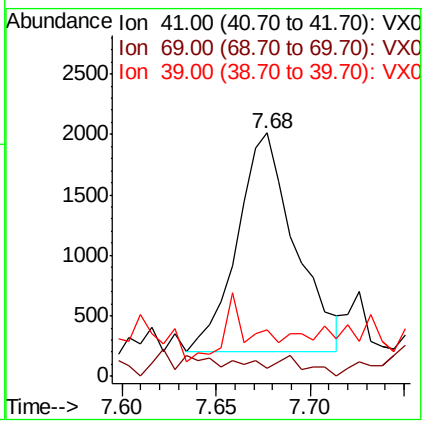


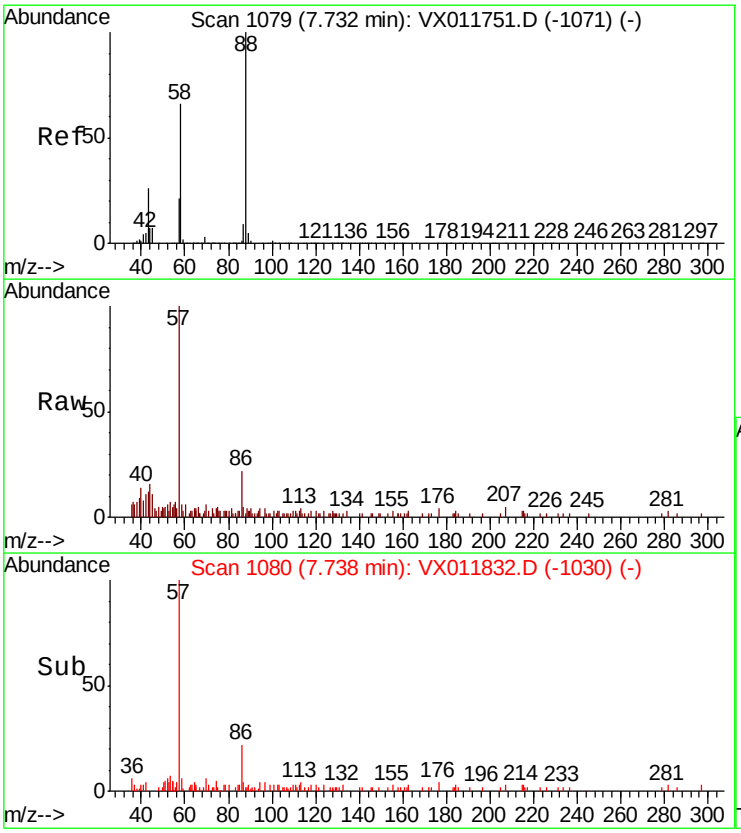
#48
Methyl methacrylate
Concen: 0.932 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 41 Resp: 3826

Ion	Ratio	Lower	Upper
41	100		
69	4.9	69.4	104.2#
39	0.0	43.6	65.4#

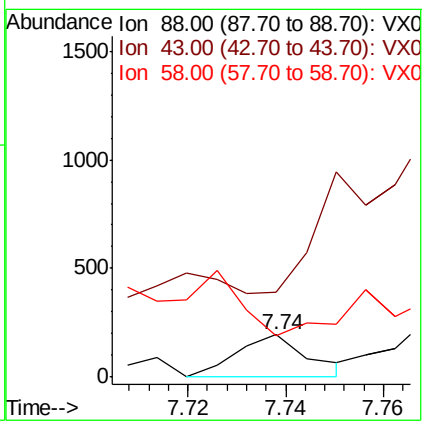


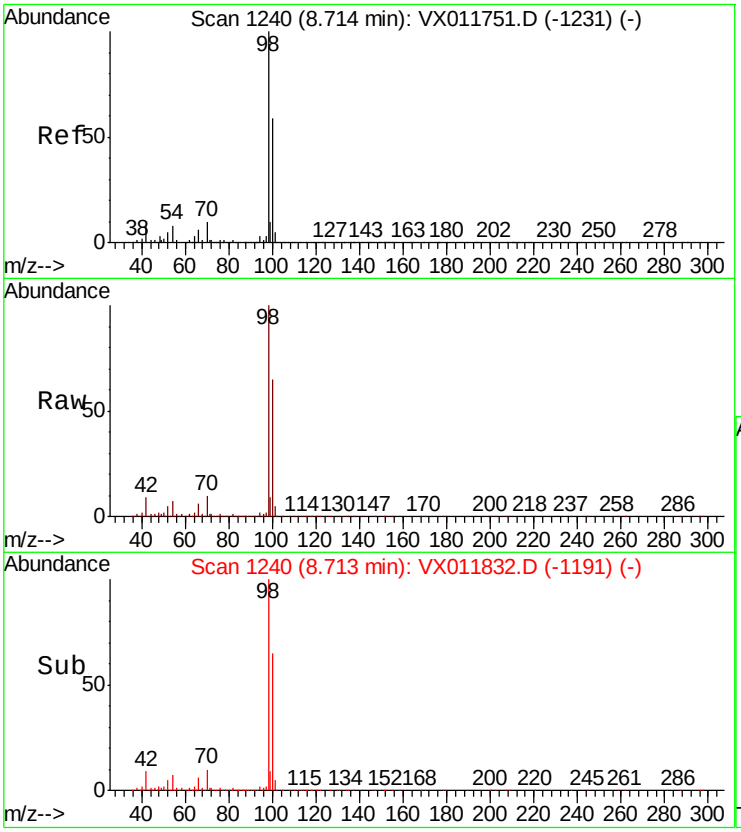


#49
1,4-Dioxane
Concen: 1.724 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 88 Resp: 196

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.6	37.0#
58	311.7	51.4	77.2#



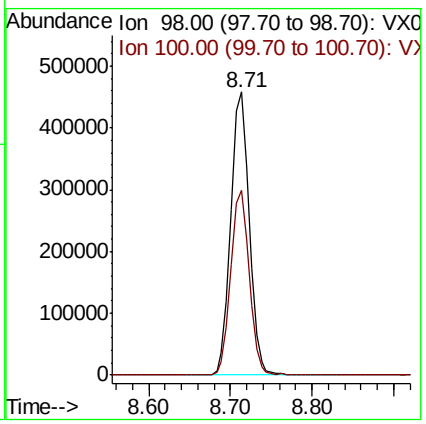


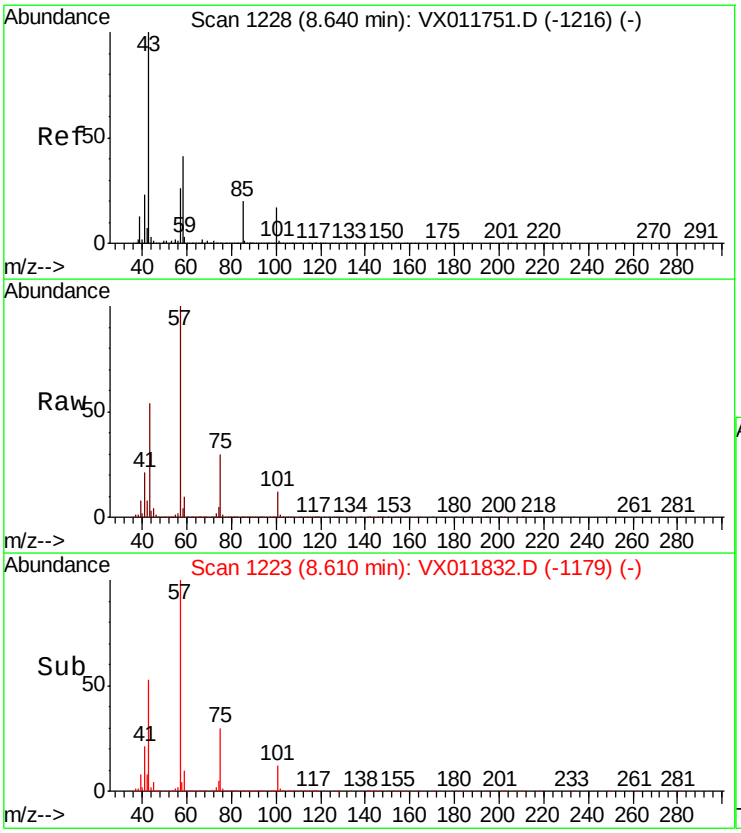
#50
Toluene-d8
Concen: 51.291 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 98 Resp: 710219

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1

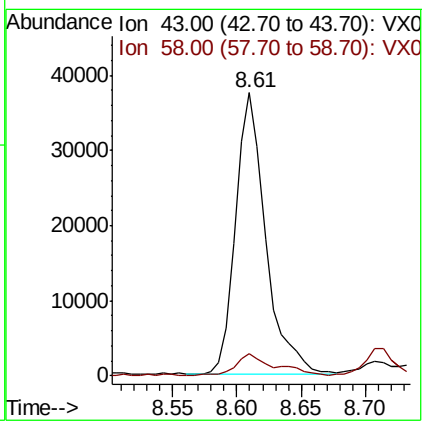


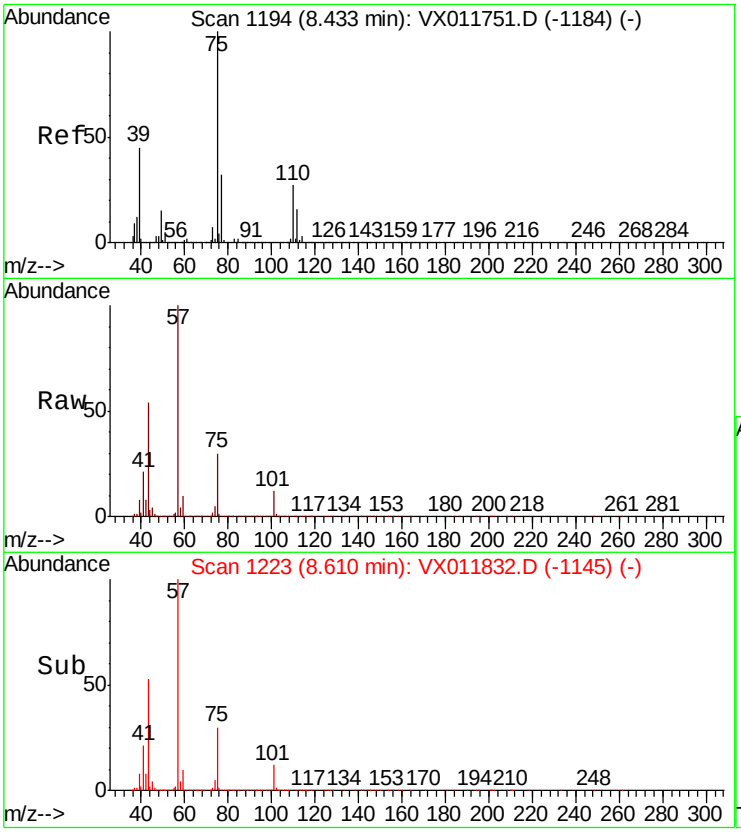


#51
4-Methyl-2-Pentanone
Concen: 11.156 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 43 Resp: 60612

Ion	Ratio	Lower	Upper
43	100		
58	10.0	31.8	47.6#



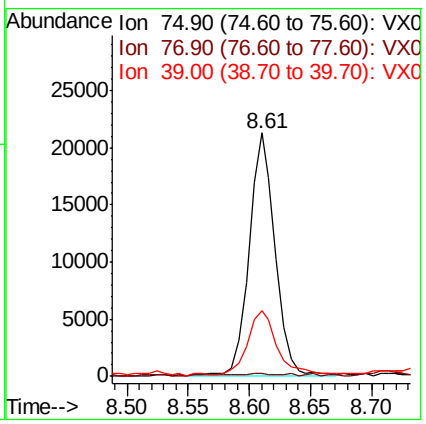


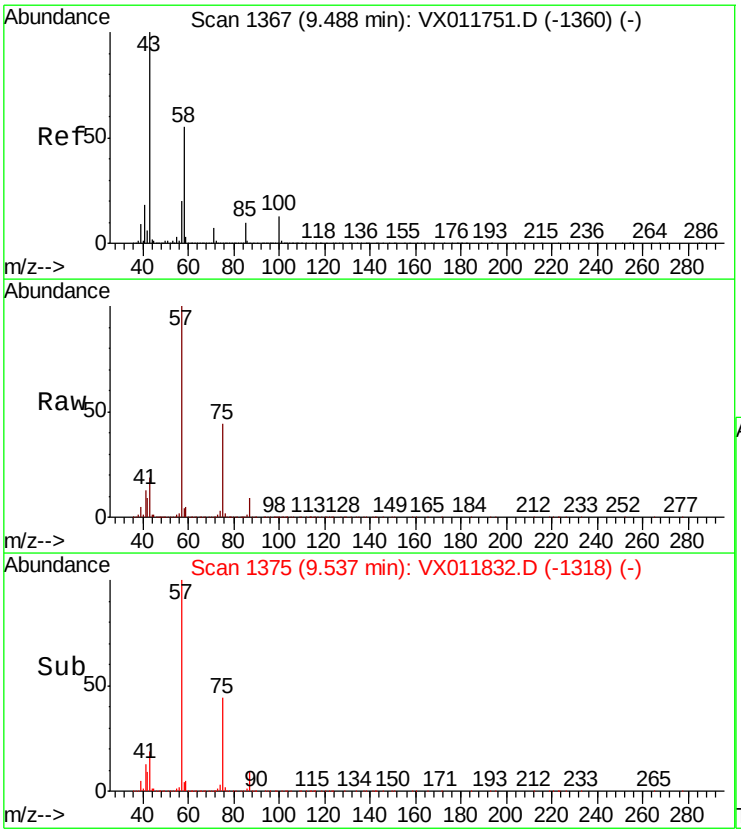
#54
cis-1,3-Dichloropropene
Concen: 5.443 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 75 Resp: 30965

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.4	38.2#
39	27.3	36.2	54.4#

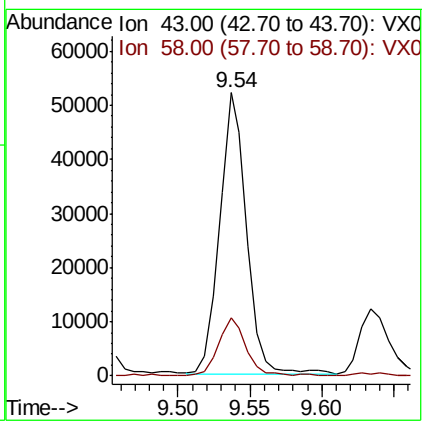


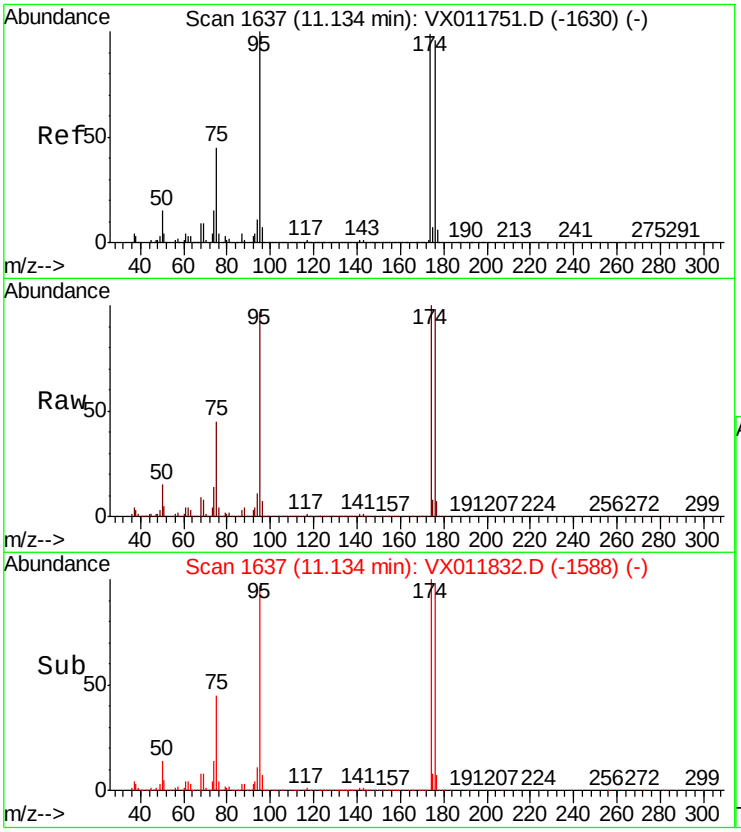


#59
2-Hexanone
Concen: 16.492 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 43 Resp: 68774

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.7	83.1#



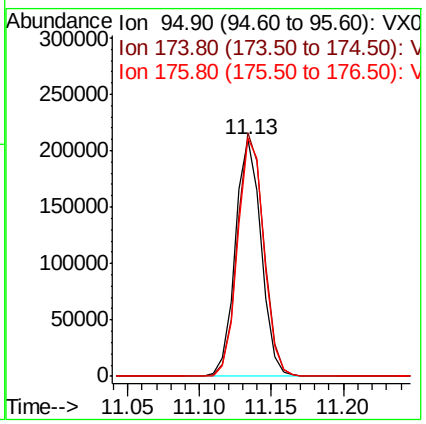


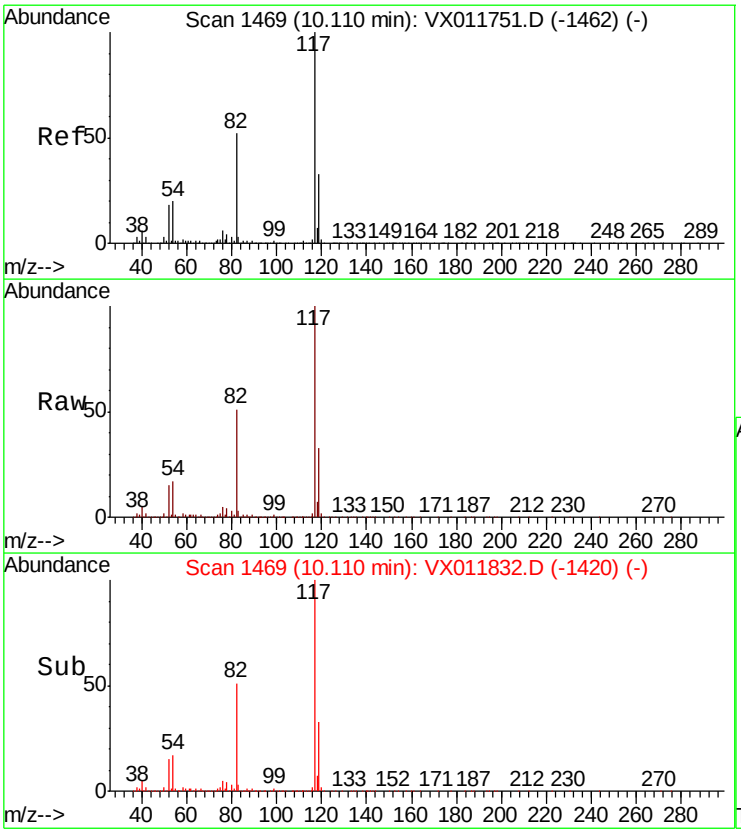
#62
4-Bromofluorobenzene
Concen: 47.995 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 95 Resp: 262683

Ion	Ratio	Lower	Upper
95	100		
174	104.2	0.0	197.4
176	101.7	0.0	194.4

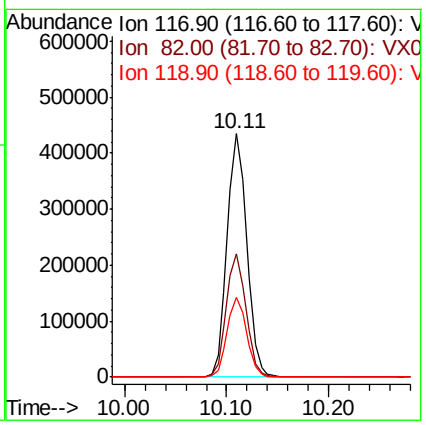


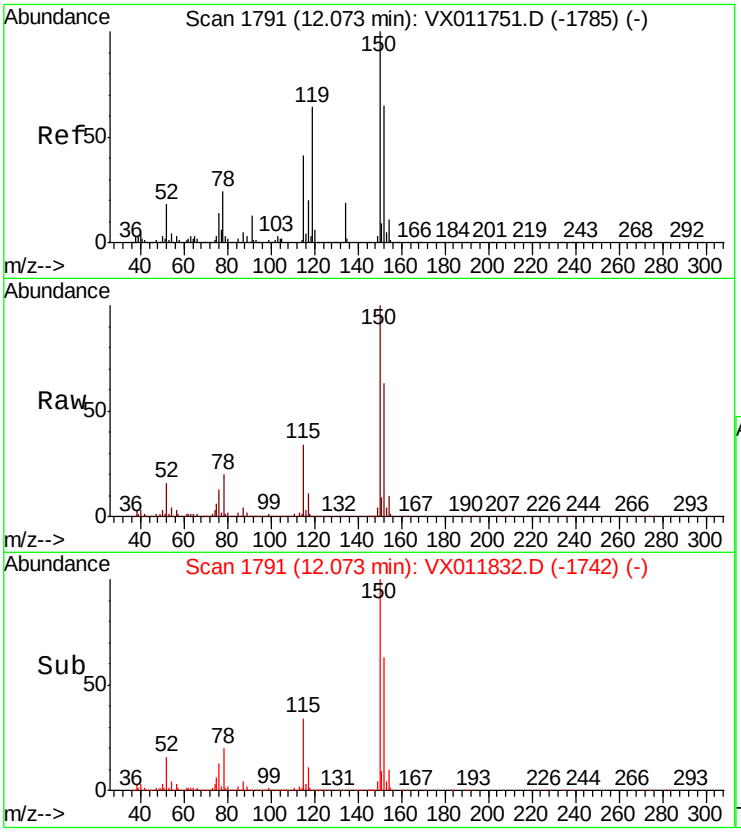


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion:117 Resp: 581008

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.7	62.5
119	32.8	26.2	39.2



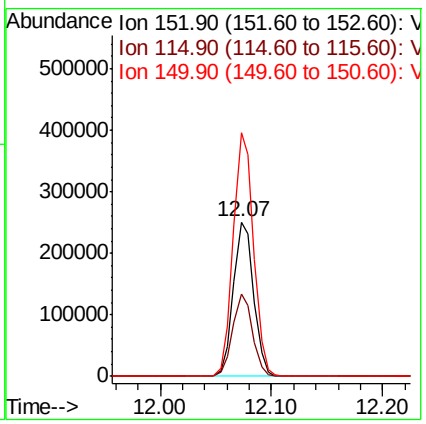


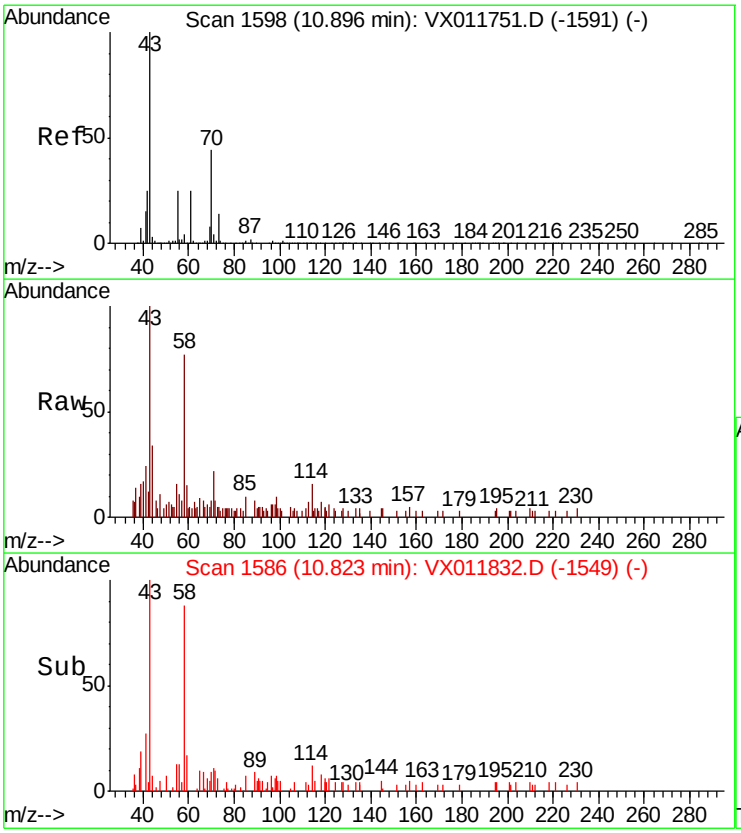
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion:152 Resp: 316228

Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.3	111.8
150	157.4	0.0	343.0

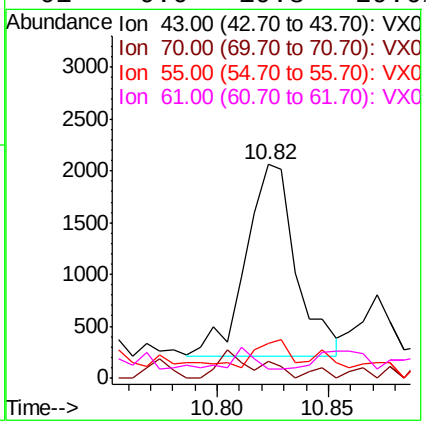


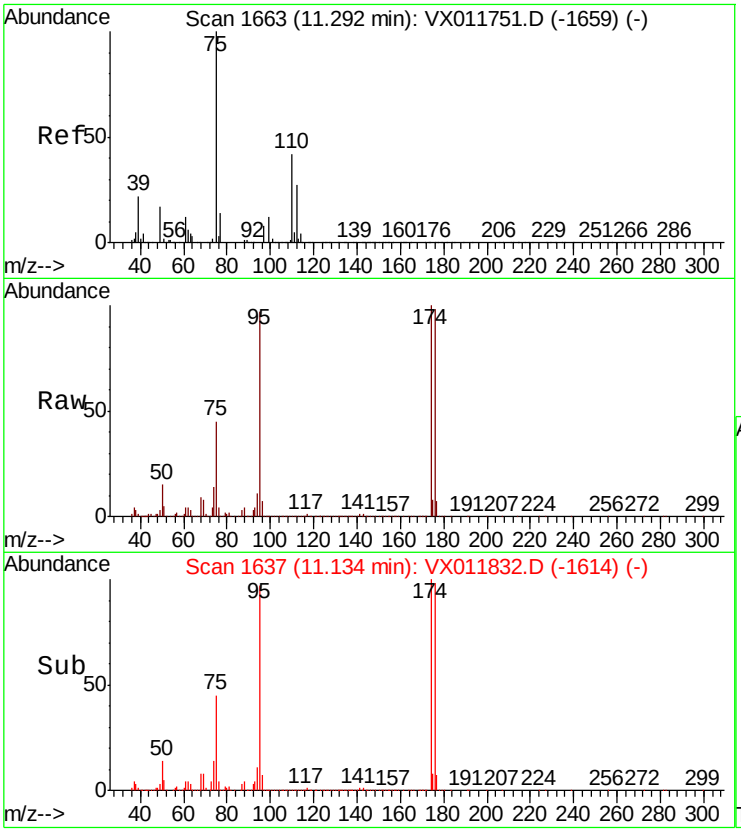


#74
N-amyl acetate
Concen: 0.398 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 43 Resp: 2935

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.8	52.2#
55	9.6	19.5	29.3#
61	0.0	19.8	29.6#



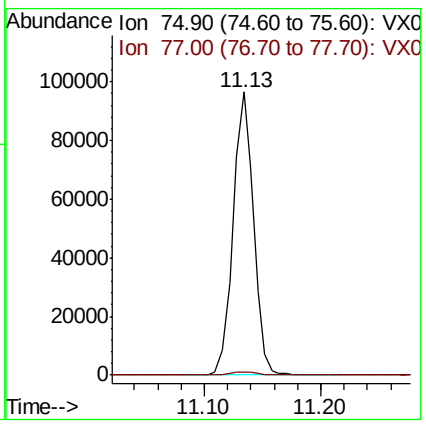


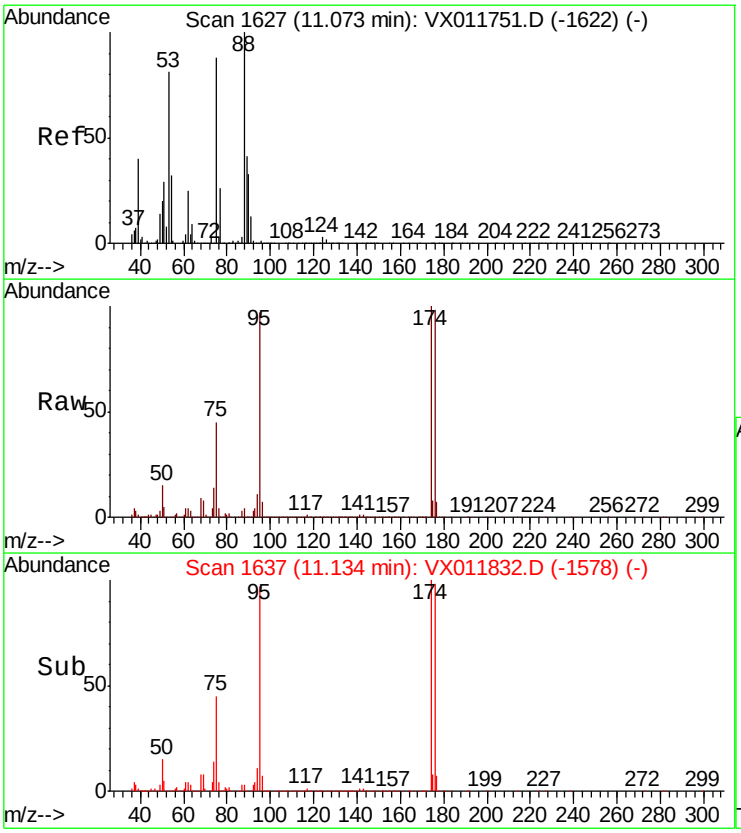
#76
1,2,3-Trichloropropane
Concen: 21.308 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
T1-2-K2-(2.5)

Tgt Ion: 75 Resp: 118235

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.261 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011832.D
Acq: 24 Aug 2019 20:33

Tgt Ion: 75 Resp: 118235

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.1	115.7#
89	0.0	38.5	57.7#