Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010513.D
Acq On : 28 Jun 2019 02:37
Operator : JC/SP
Sample : K3509-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:56:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	260349	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	397113	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	373868	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172459	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	122317	50.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.22%				
35) Dibromofluoromethane	5.50	113	121832	50.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.28%				
50) Toluene-d8	8.71	98	478890	51.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.04%				
62) 4-Bromofluorobenzene	11.13	95	162597	48.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.90%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	419	0.373	ug/l		84
6) Chloroethane	1.73	64	478	0.351	ug/l	#	41
8) Diethyl Ether	2.18	74	265	0.202	ug/l	#	36
11) Tert butyl alcohol	3.05	59	155	0.243	ug/l	#	7
13) Acrolein	2.28	56	151	0.356	ug/l		97
15) Acrylonitrile	3.14	53	258	0.204	ug/l	#	56
16) Acetone	2.45	43	8028	6.562	ug/l		95
18) Methyl Acetate	2.78	43	3303	1.355	ug/l		98
20) Methylene Chloride	2.86	84	79567	31.604	ug/l		94
29) Tetrahydrofuran	5.15	42	897	0.807	ug/l	#	81
30) Chloroform	5.21	83	1393	0.334	ug/l		93
31) Cyclohexane	5.65	56	4437	1.258	ug/l	#	18
36) 1,1-Dichloropropene	5.66	75	15606	4.945	ug/l	#	38
38) Carbon Tetrachloride	5.66	117	22891	6.699	ug/l	#	15
41) Methacrylonitrile	5.03	41	380	0.213	ug/l	#	35
43) Isopropyl Acetate	6.45	43	10706	1.993	ug/l		97
44) Trichloroethene	7.21	130	590	0.201	ug/l		79
48) Methyl methacrylate	7.68	41	6258	2.507	ug/l	#	9
49) 1,4-Dioxane	7.65	88	39	0.542	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	73662	21.443	ug/l	#	47
54) cis-1,3-Dichloropropene	8.62	75	40817	10.263	ug/l	#	61
57) 1,3-Dichloropropane	9.54	76	9316	2.248	ug/l	#	45
59) 2-Hexanone	9.44	43	9834	3.637	ug/l	#	22
68) m/p-Xylenes	10.36	106	1325	0.267	ug/l		88
74) N-amyl acetate	10.69	43	9751	2.207	ug/l	#	54
76) 1,2,3-Trichloropropane	11.13	75	77324	24.605	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	2374	0.246	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.13	75	77324	57.400	ug/l	#	16
84) 1,2,4-Trimethylbenzene	11.80	105	2019	0.209	ug/l		92
95) Naphthalene	13.83	128	3277	0.272	ug/l	#	95

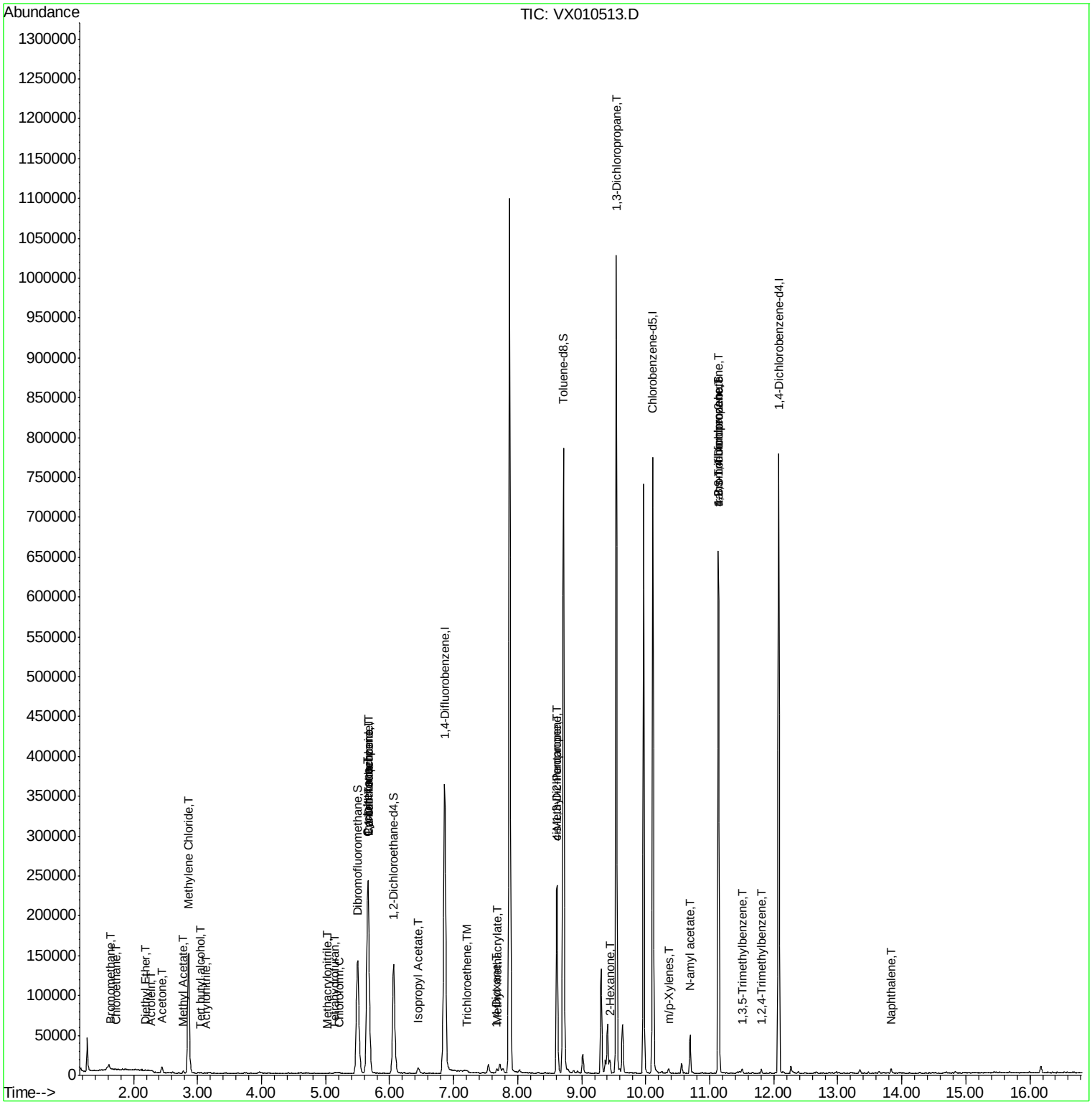
(#) = qualifier out of range (m) = manual integration (+) = signals summed

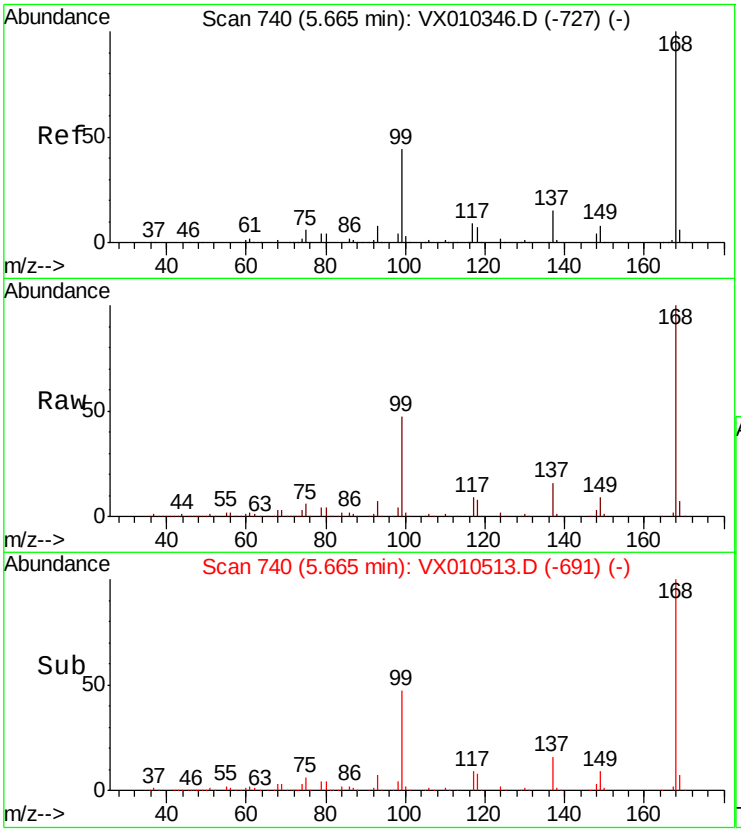
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
Data File : VX010513.D
Acq On : 28 Jun 2019 02:37
Operator : JC/SP
Sample : K3509-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:56:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



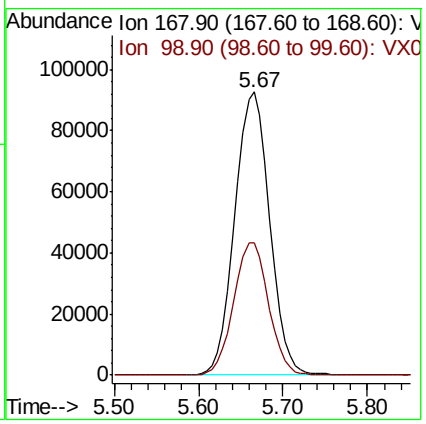


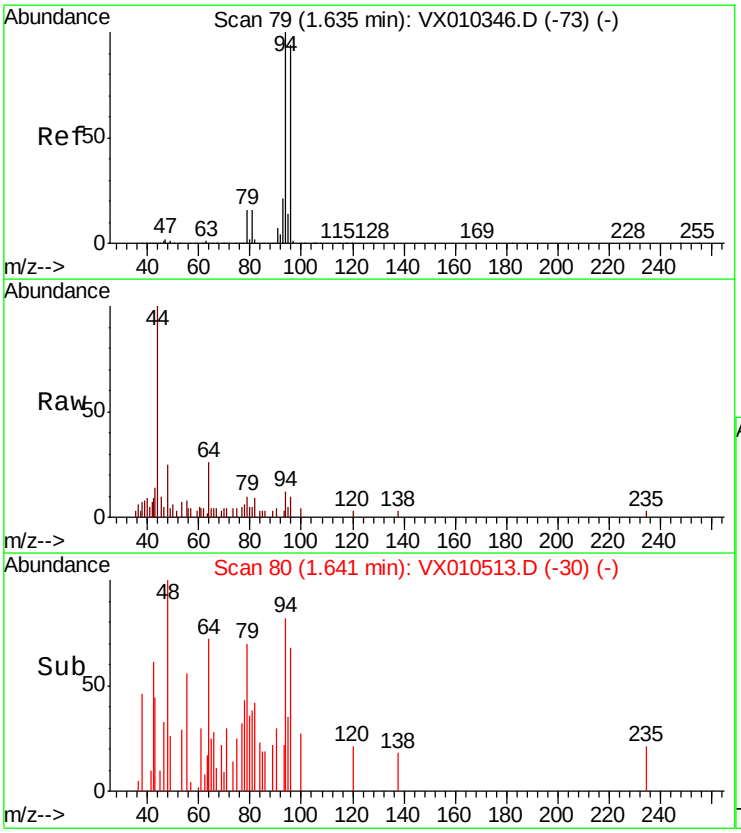
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 260349

Ion	Ratio	Lower	Upper
168	100		
99	46.8	35.5	53.3

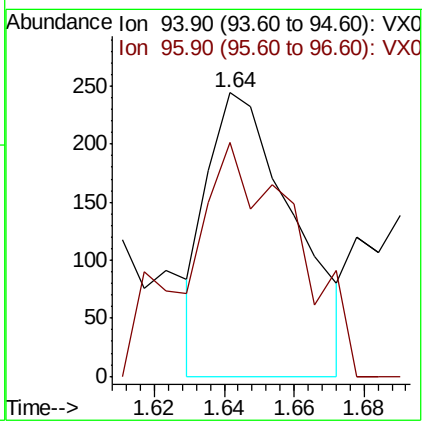


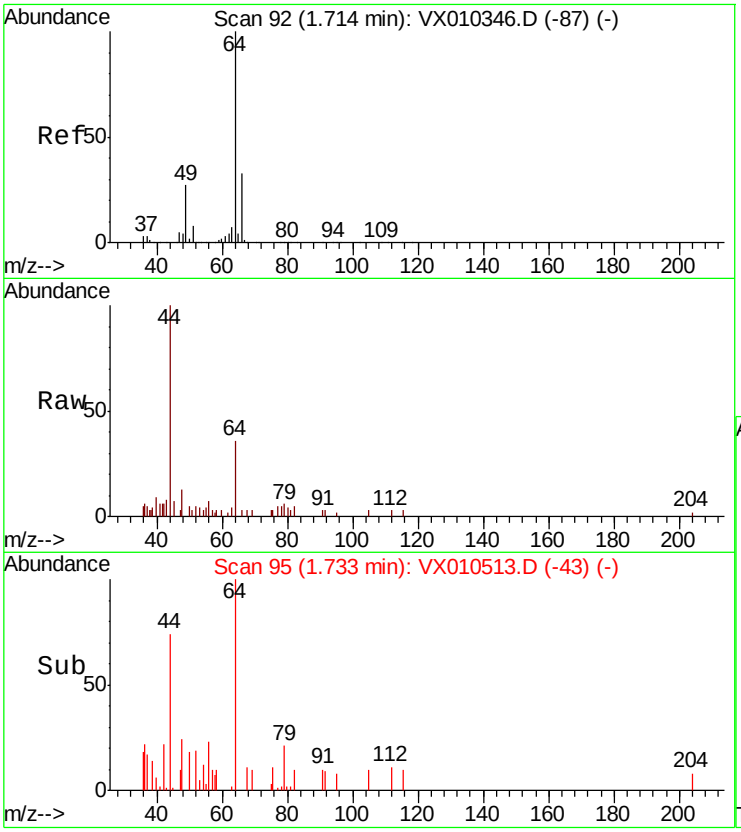


#5
Bromomethane
Concen: 0.373 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 94 Resp: 419

Ion	Ratio	Lower	Upper
94	100		
96	79.3	75.5	113.3



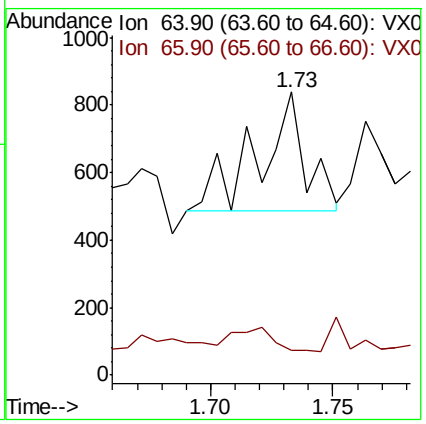


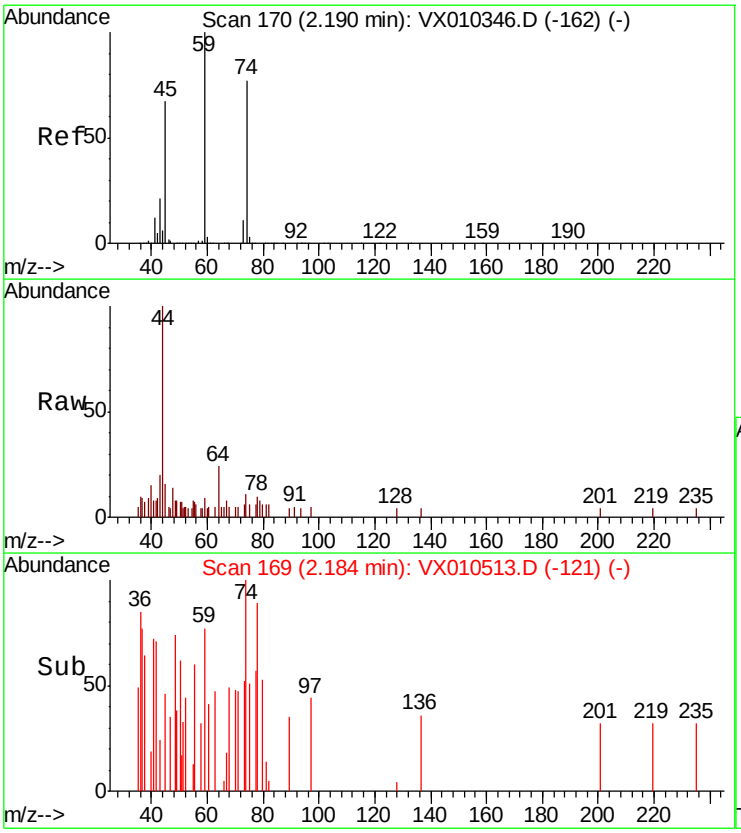
#6
Chloroethane
Concen: 0.351 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 478

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

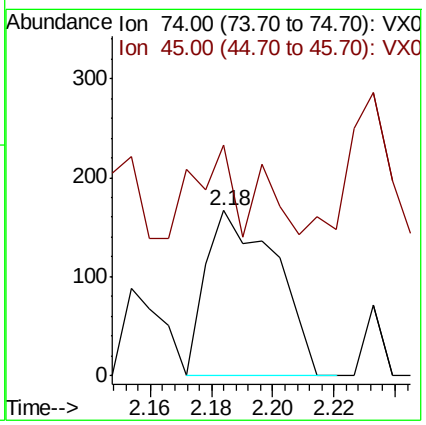


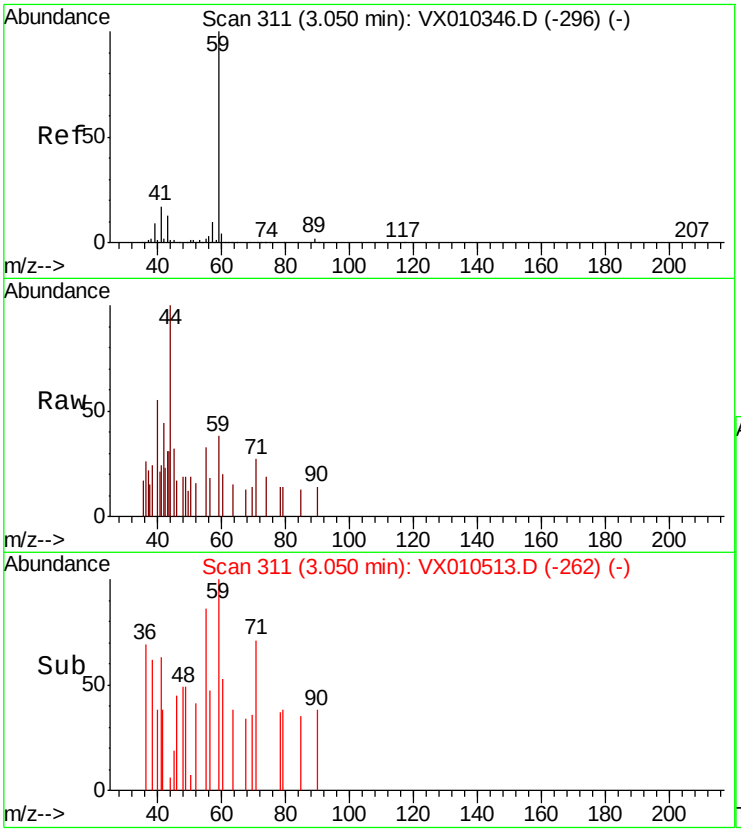


#8
Diethyl Ether
Concen: 0.202 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 74 Resp: 265

Ion	Ratio	Lower	Upper
74	100		
45	29.8	44.8	134.4#



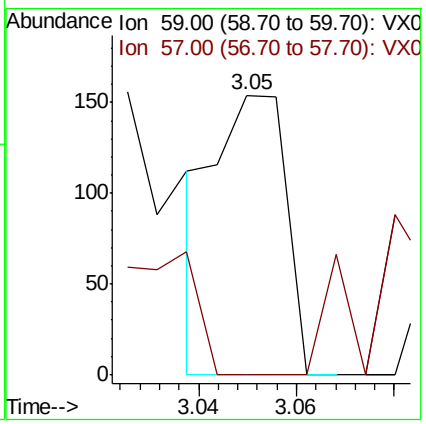


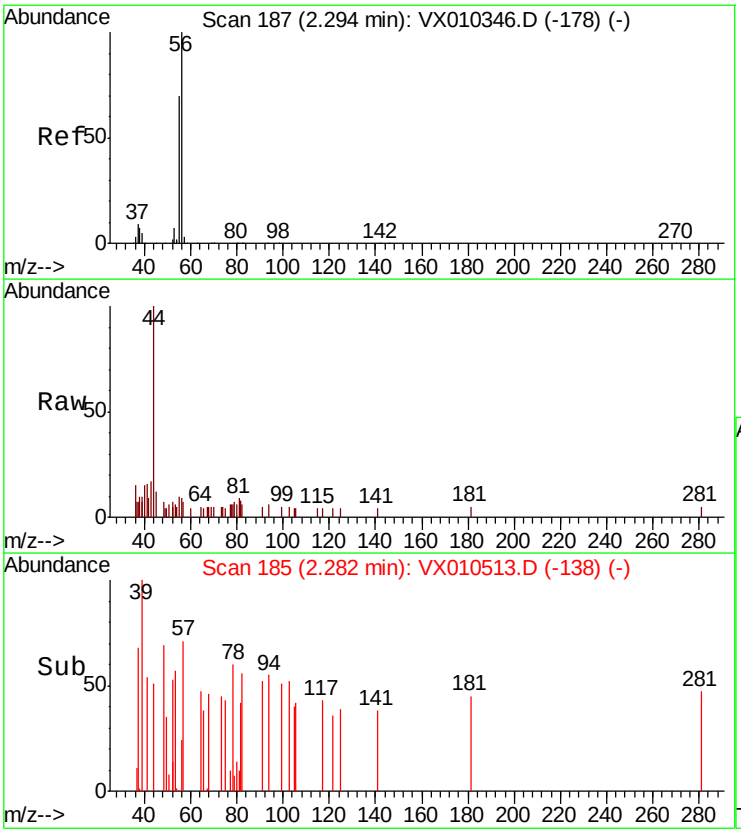
#11
Tert butyl alcohol
Concen: 0.243 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 155

Ion	Ratio	Lower	Upper
59	100		
57	43.9	7.7	11.5#

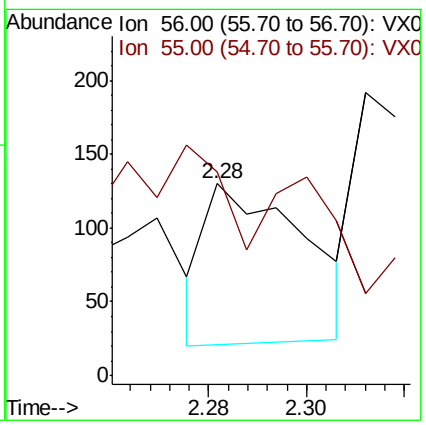


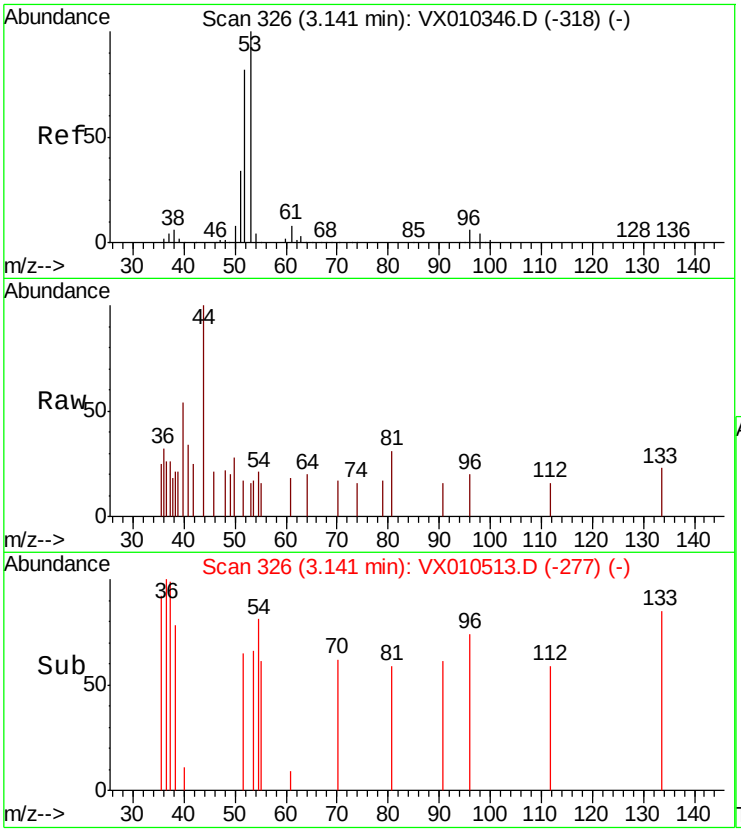


#13
Acrolein
Concen: 0.356 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 56 Resp: 151

Ion	Ratio	Lower	Upper
56	100		
55	68.2	56.9	85.3



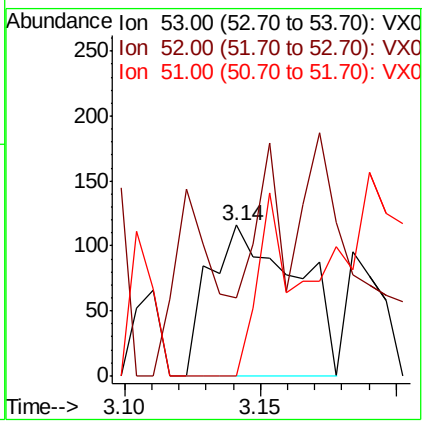


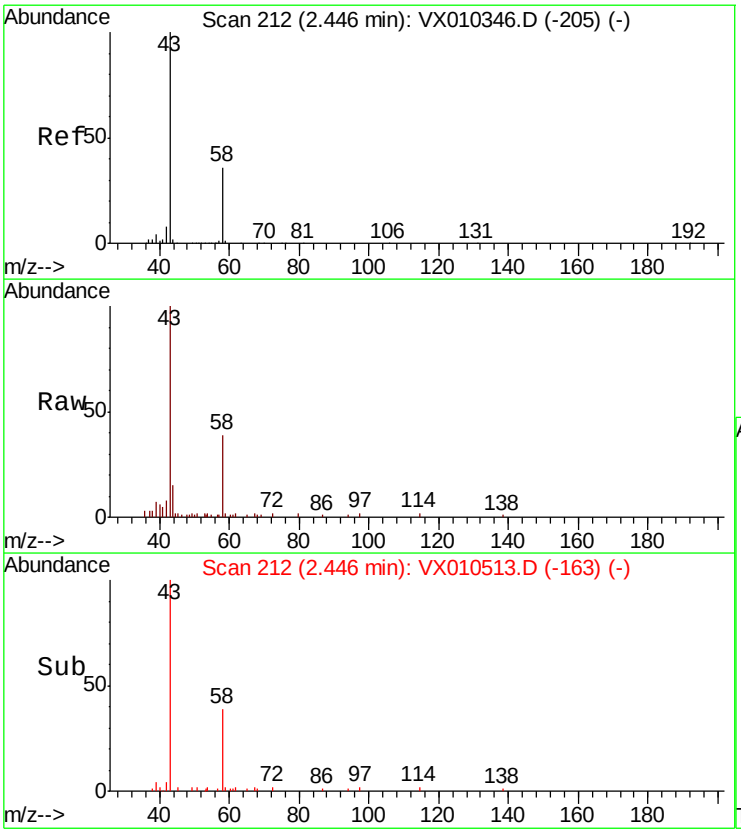
#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 258

Ion	Ratio	Lower	Upper
53	100		
52	48.8	65.5	98.3#
51	0.0	28.2	42.4#

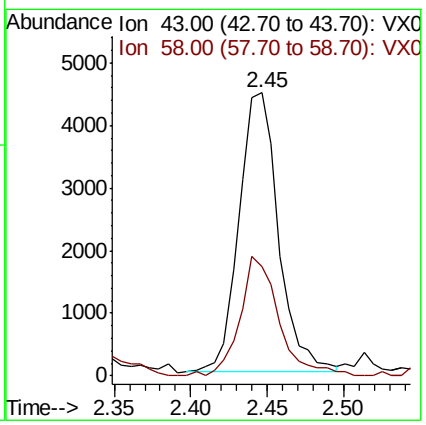


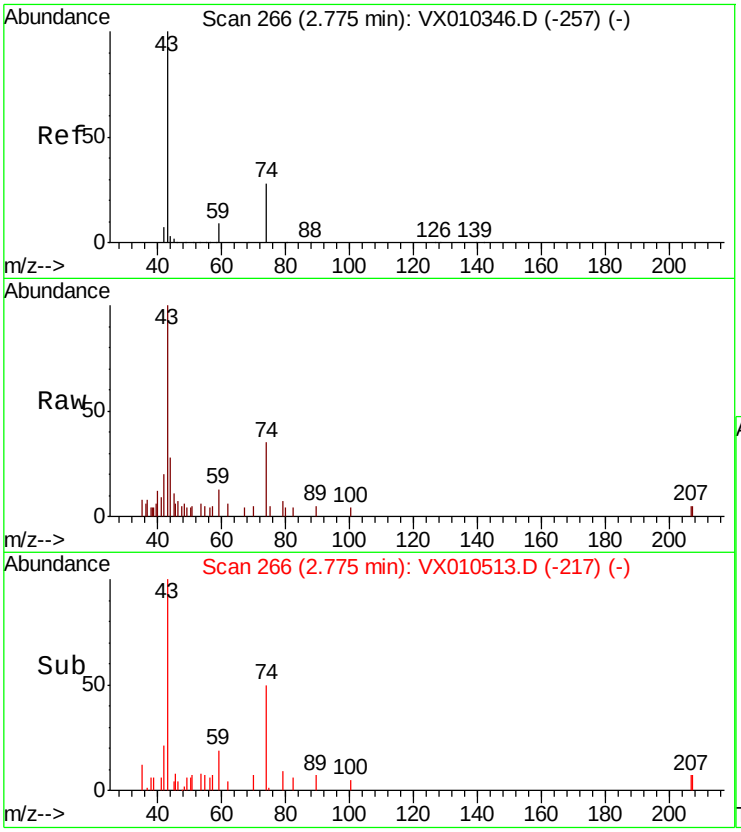


#16
Acetone
Concen: 6.562 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 8028

Ion	Ratio	Lower	Upper
43	100		
58	39.3	28.9	43.3



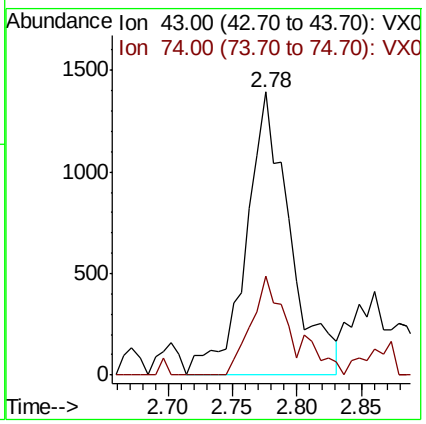


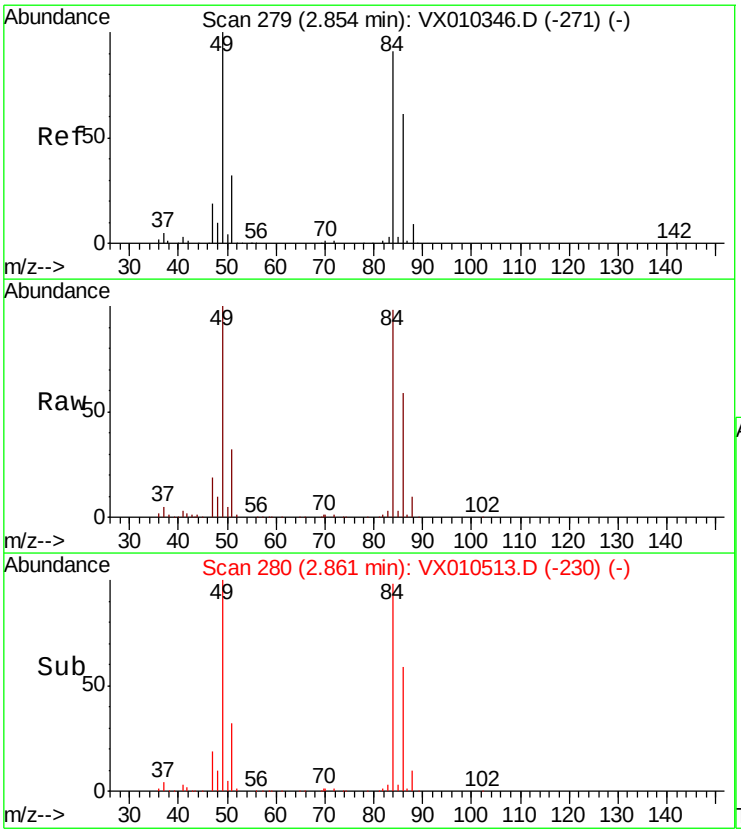
#18
Methyl Acetate
Concen: 1.355 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3303

Ion	Ratio	Lower	Upper
43	100		
74	25.5	21.3	31.9

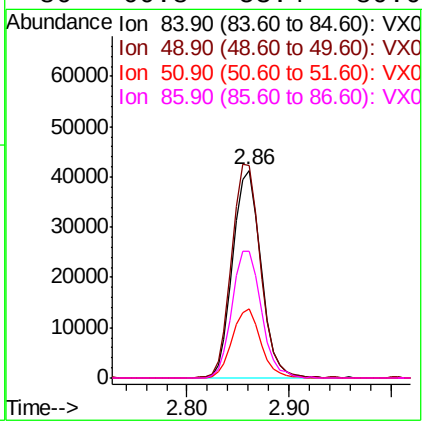


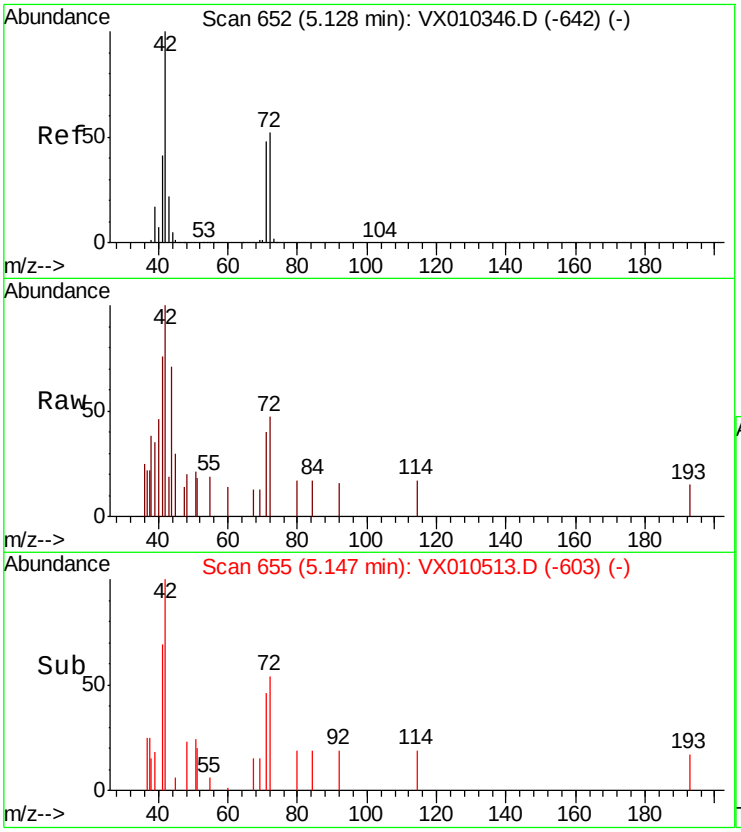


#20
Methylene Chloride
Concen: 31.604 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 84 Resp: 79567

Ion	Ratio	Lower	Upper
84	100		
49	102.1	87.5	131.3
51	33.0	27.7	41.5
86	60.8	53.4	80.0



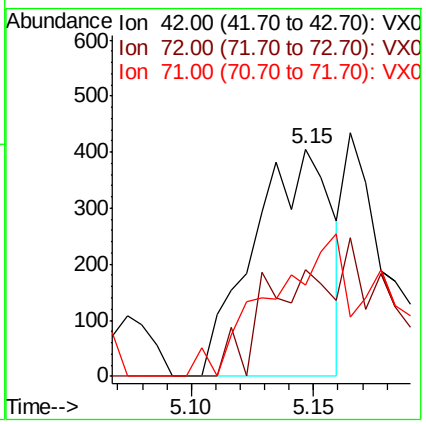


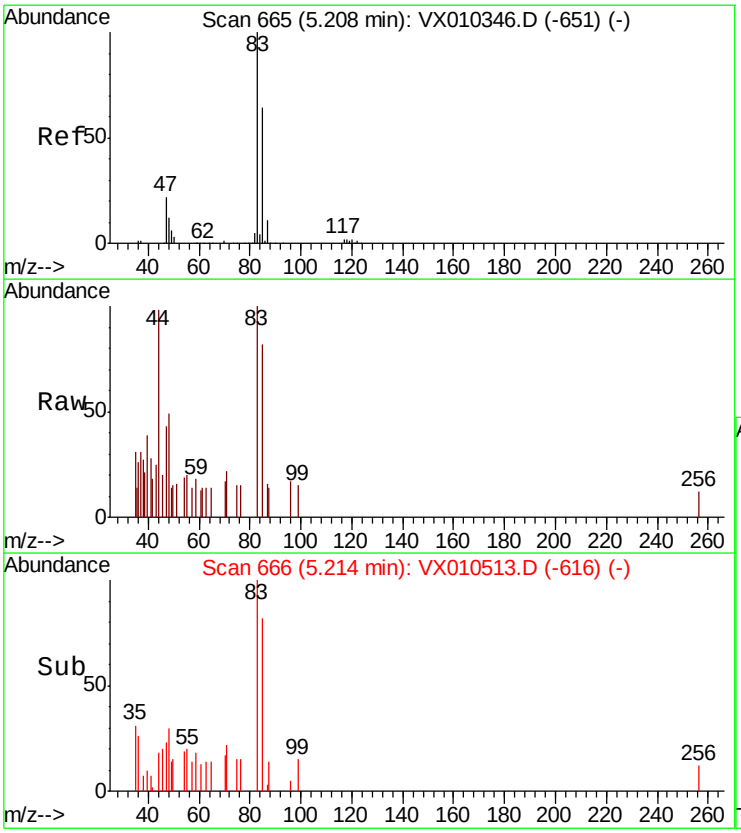
#29
Tetrahydrofuran
Concen: 0.807 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 897

Ion	Ratio	Lower	Upper
42	100		
72	42.0	40.6	60.8
71	65.3	37.8	56.8#

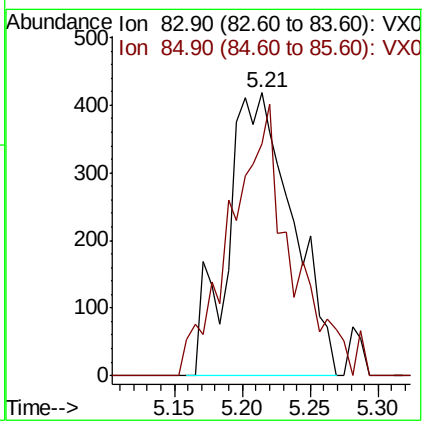


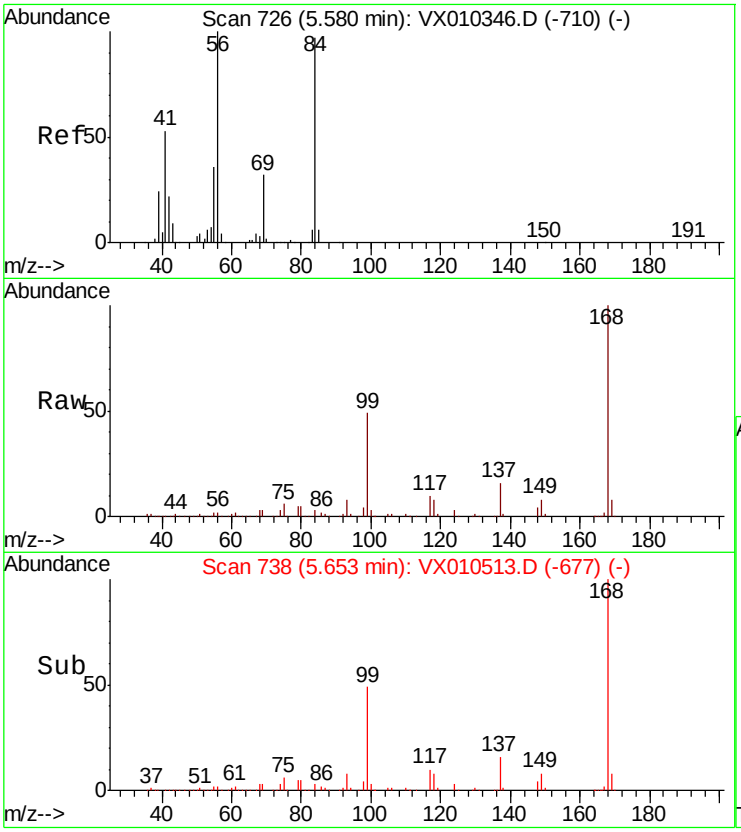


#30
Chloroform
Concen: 0.334 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 83 Resp: 1393

Ion	Ratio	Lower	Upper
83	100		
85	69.1	50.9	76.3



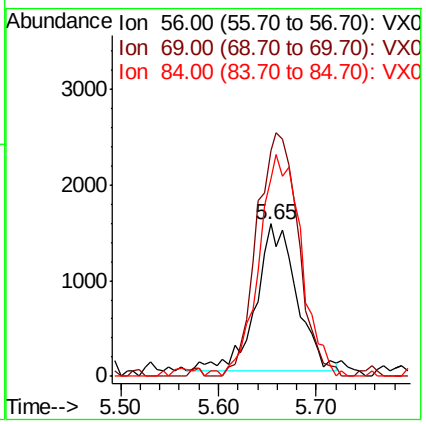


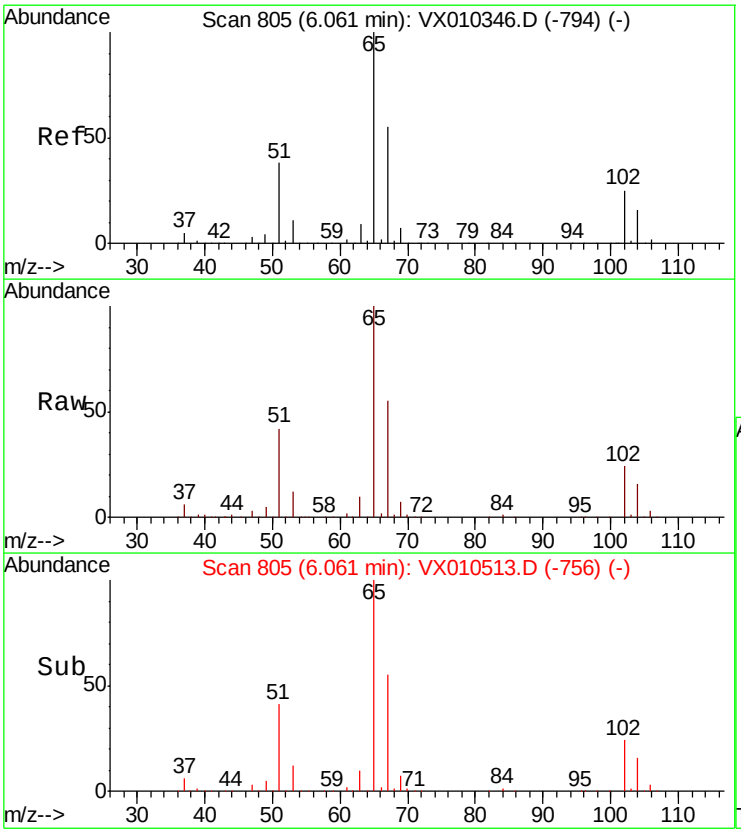
#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4437

Ion	Ratio	Lower	Upper
56	100		
69	153.6	25.9	38.9#
84	134.9	78.0	117.0#

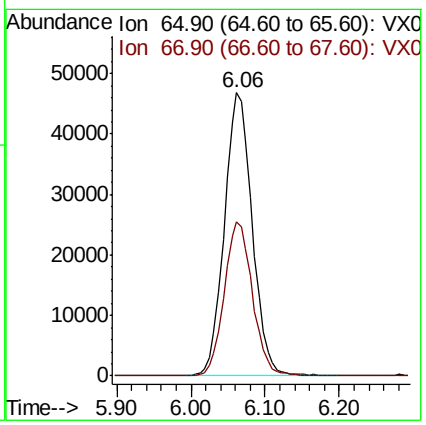


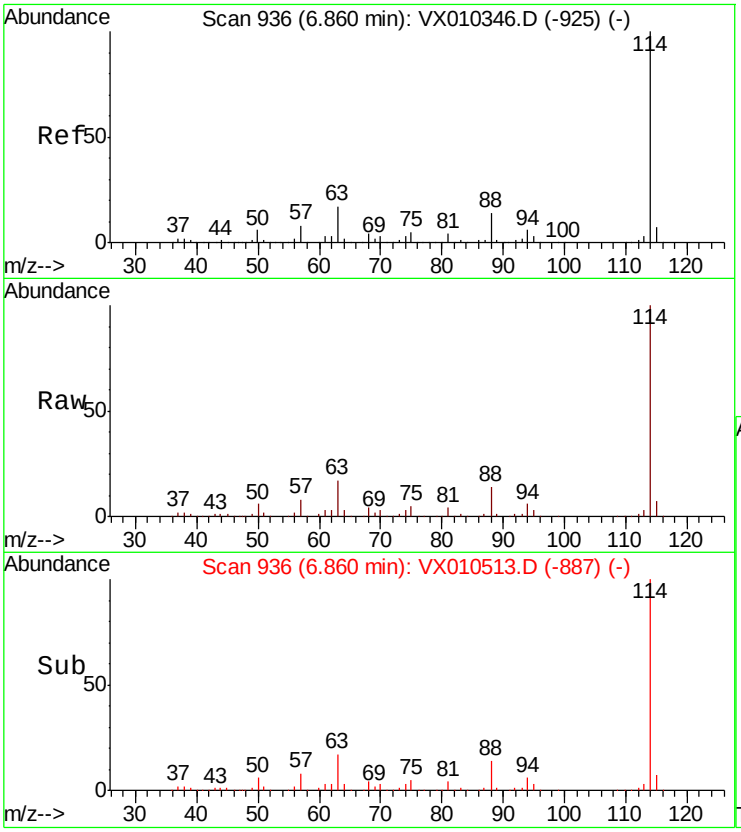


#33
1,2-Dichloroethane-d4
Concen: 50.109 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 65 Resp: 122317

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.2



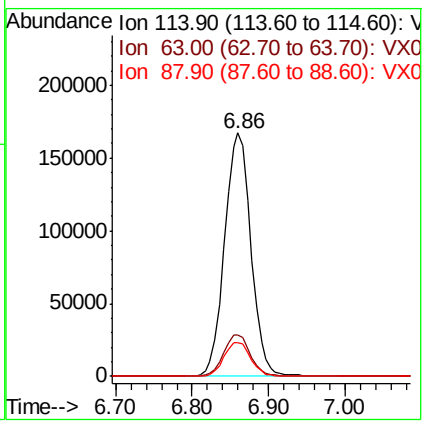


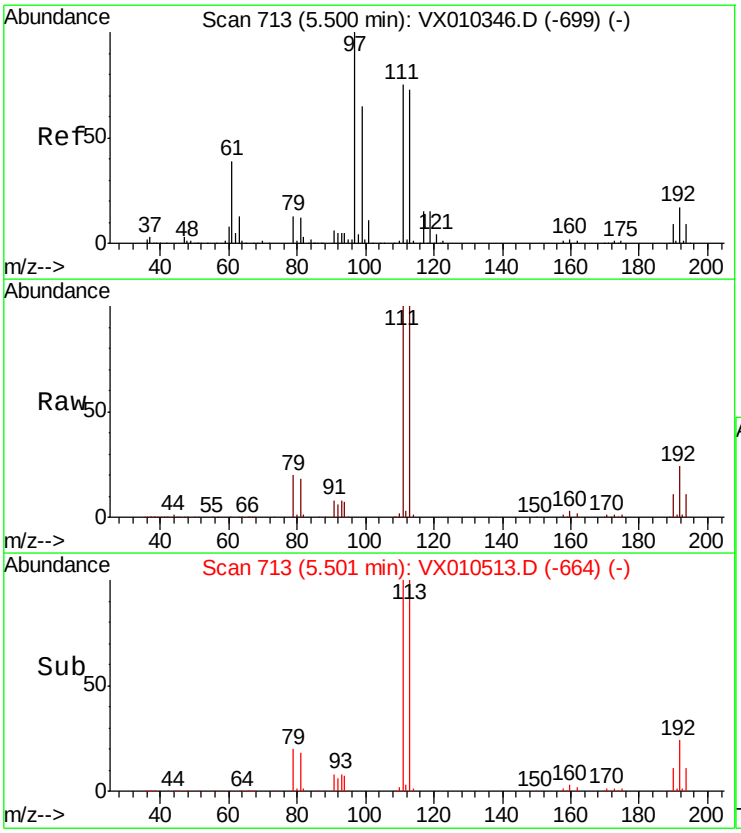
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 397113

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	13.9	0.0	27.6

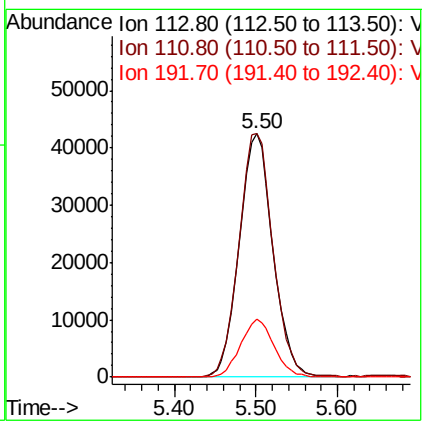


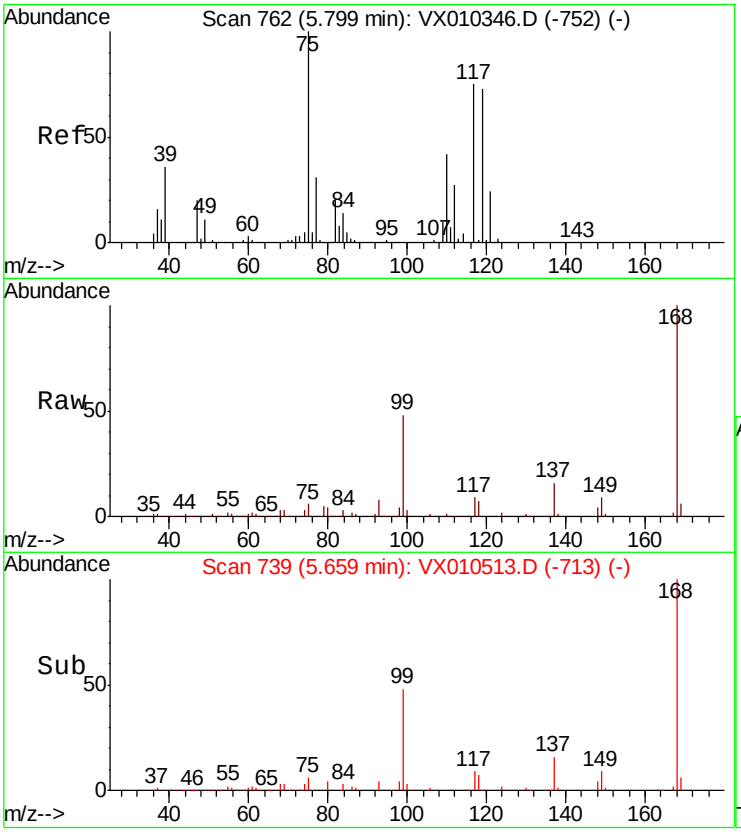


#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:113 Resp: 121832

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	23.6	18.6	27.8



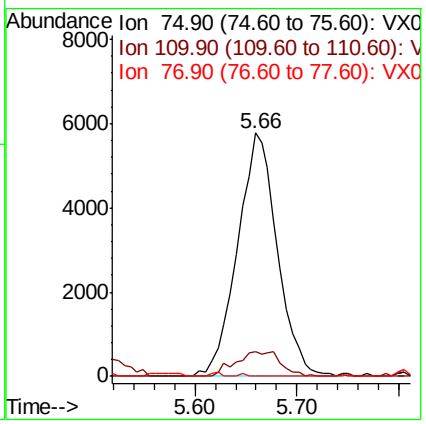


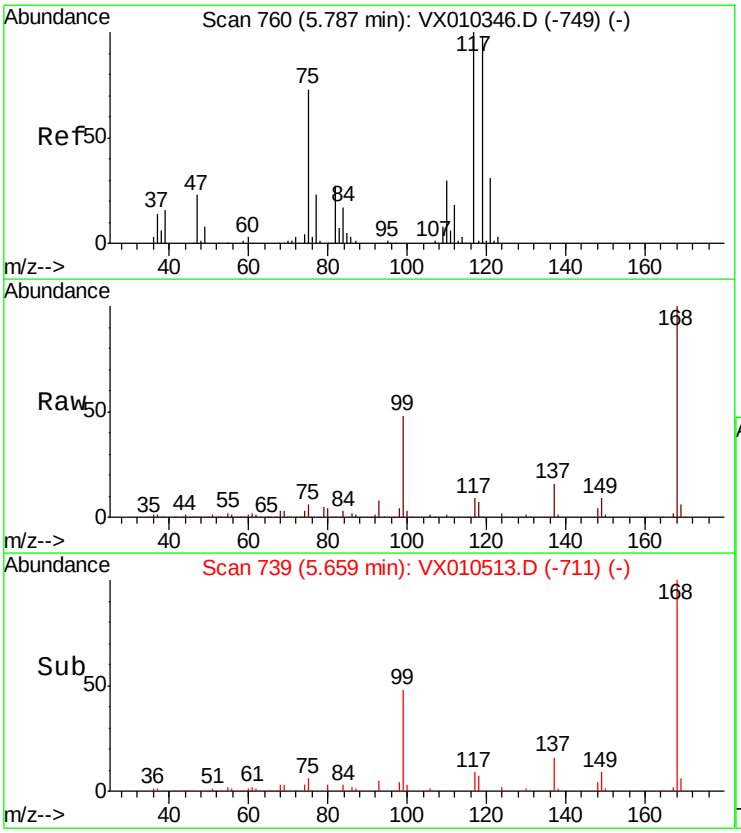
#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15606

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.8	62.2#
77	0.2	25.4	38.0#

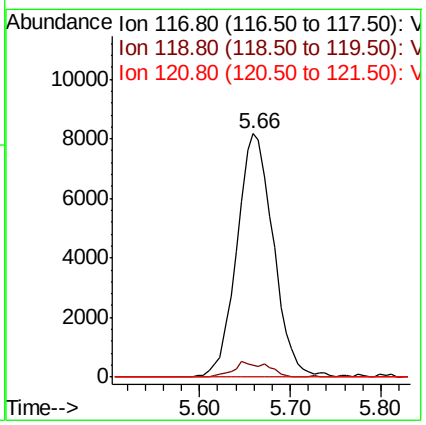


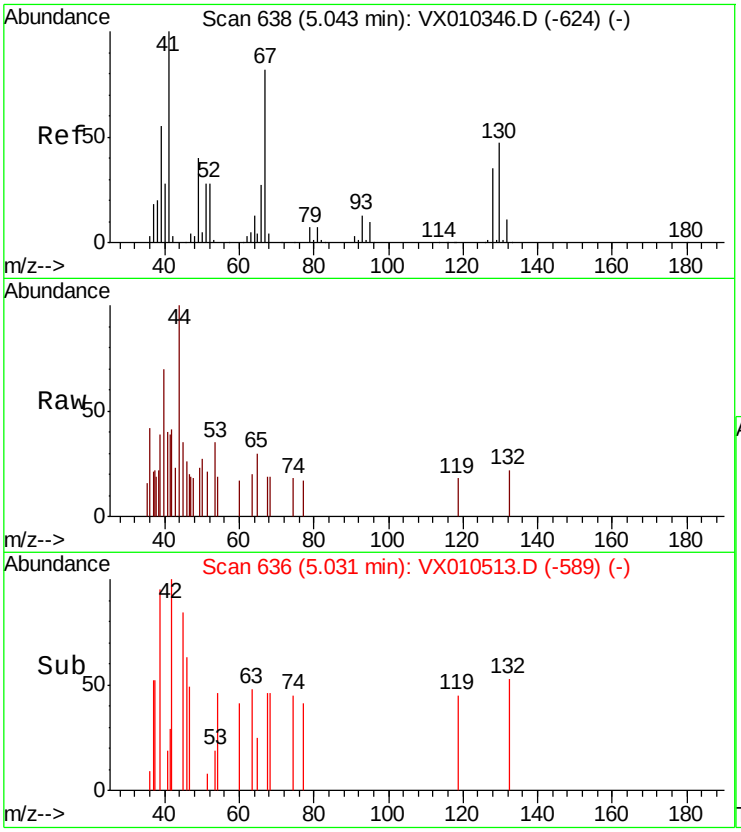


#38
Carbon Tetrachloride
Concen: 6.699 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:117 Resp: 22891

Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.2	117.4#
121	0.0	24.7	37.1#



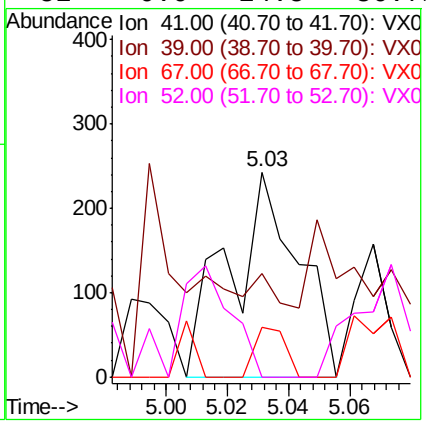


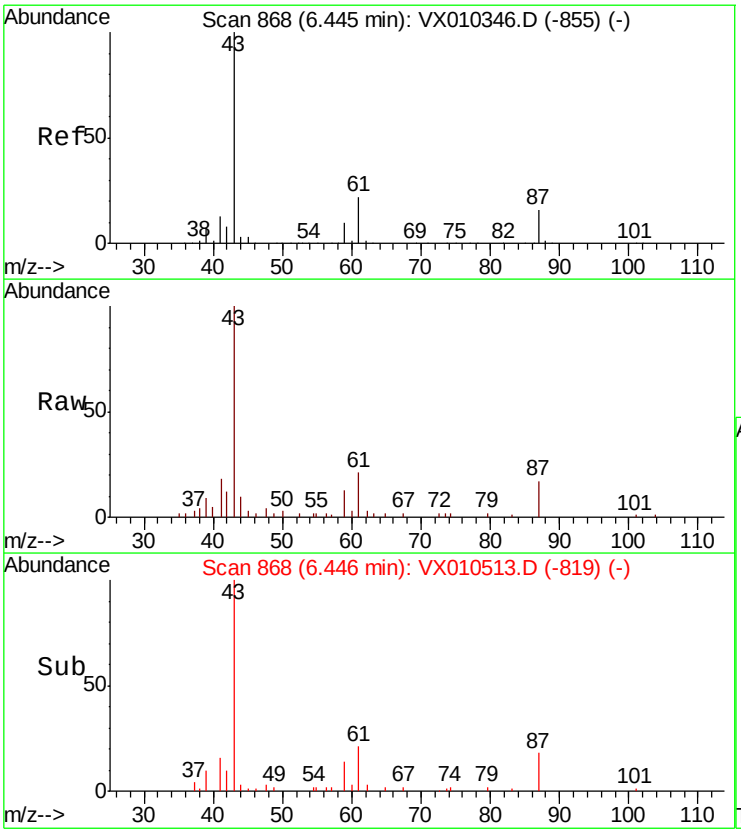
#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 380

Ion	Ratio	Lower	Upper
41	100		
39	19.7	43.8	65.8#
67	11.1	66.6	100.0#
52	0.0	24.5	36.7#

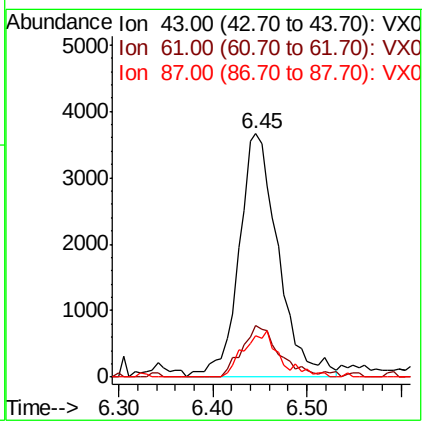


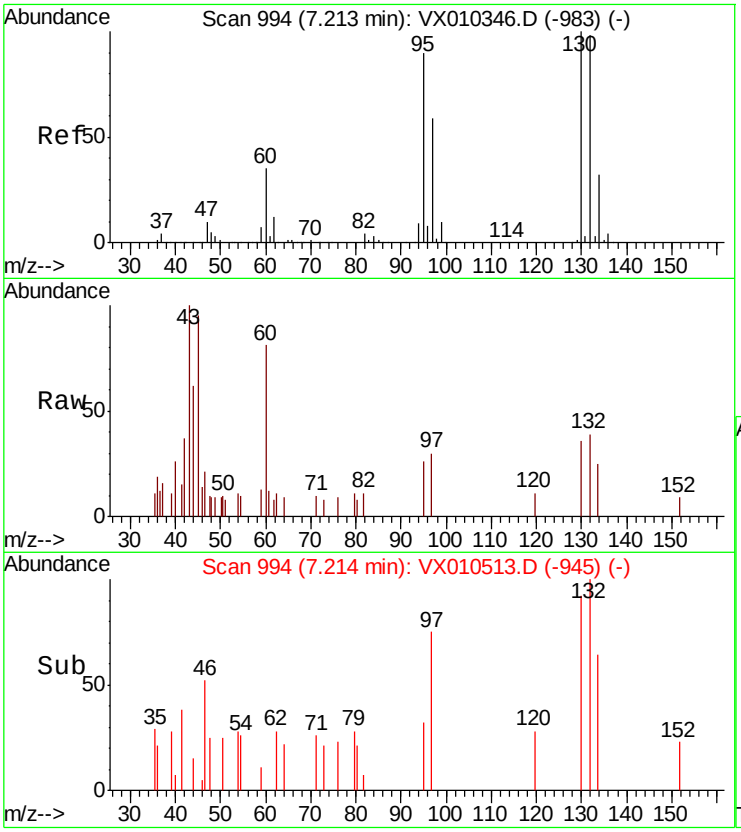


#43
Isopropyl Acetate
Concen: 1.993 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 10706

Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.8	26.6
87	15.6	13.0	19.4



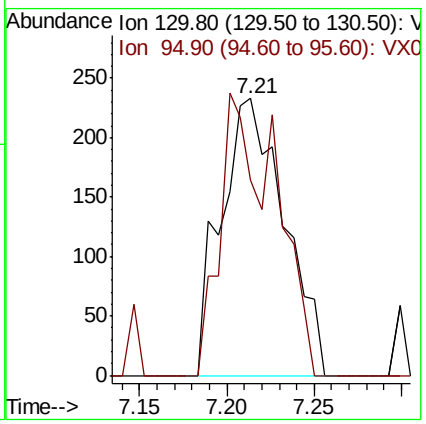


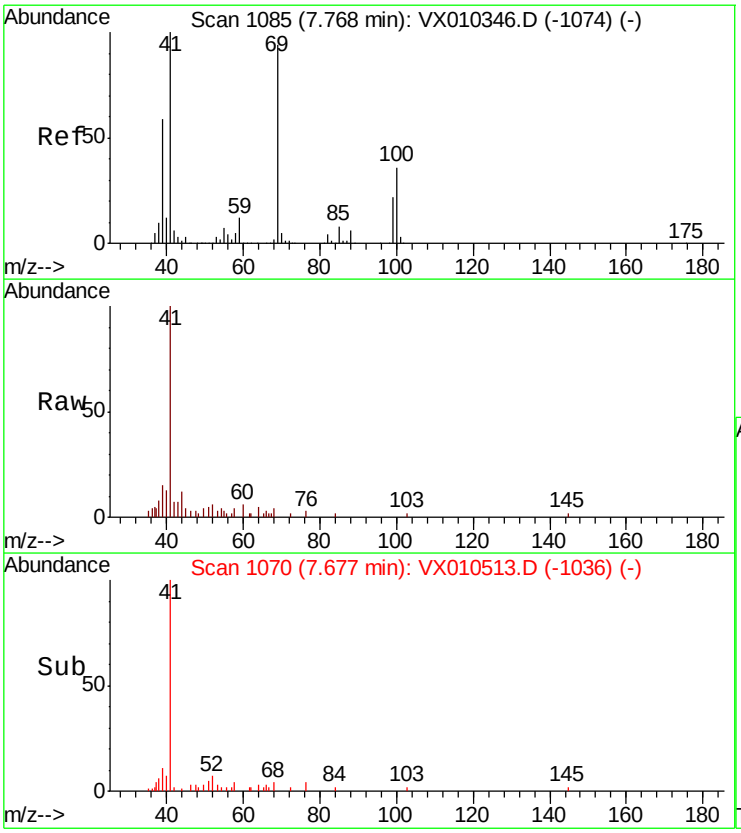
#44
Trichloroethene
Concen: 0.201 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 590

Ion	Ratio	Lower	Upper
130	100		
95	70.4	0.0	180.8

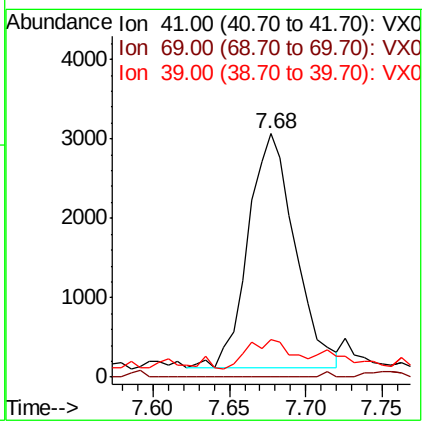


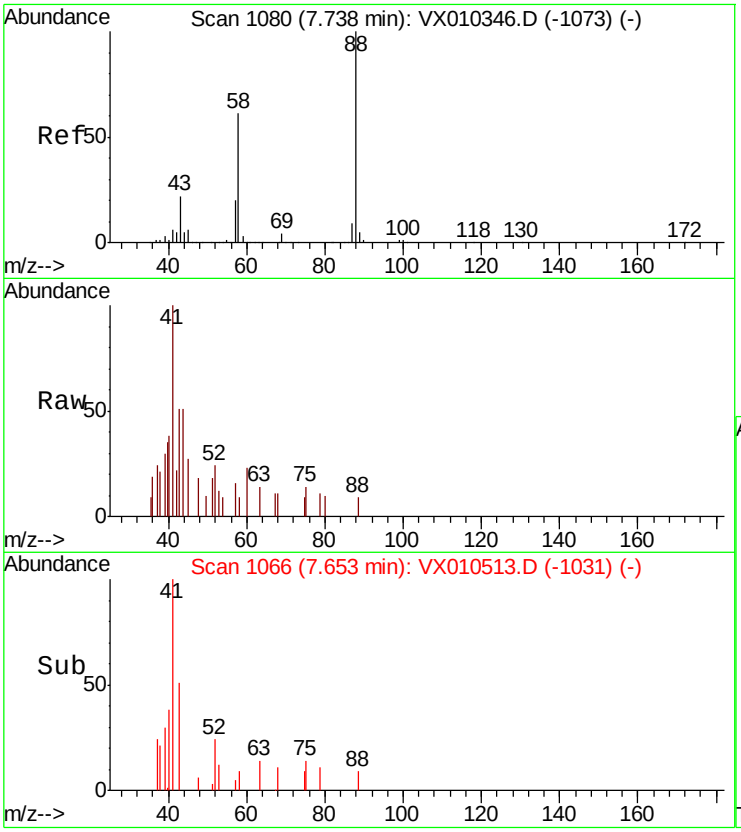


#48
Methyl methacrylate
Concen: 2.507 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 41 Resp: 6258

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.1	114.1#
39	0.0	47.6	71.4#



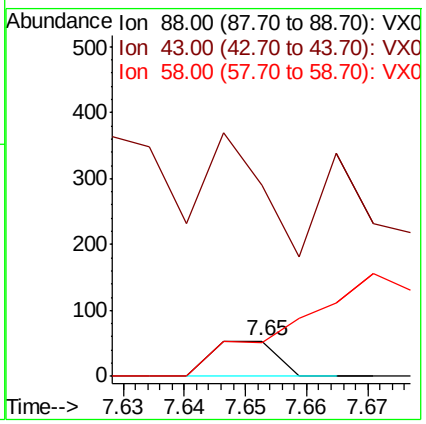


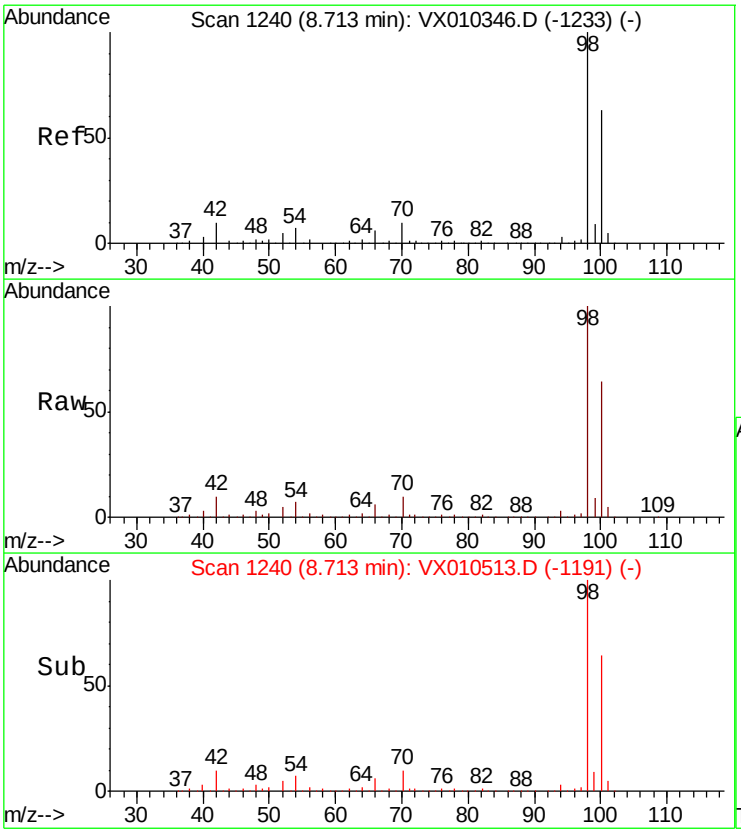
#49
1,4-Dioxane
Concen: 0.542 ug/l
RT: 7.65 min Scan# 1066
Delta R.T. -0.09 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	602.6	49.5	74.3#

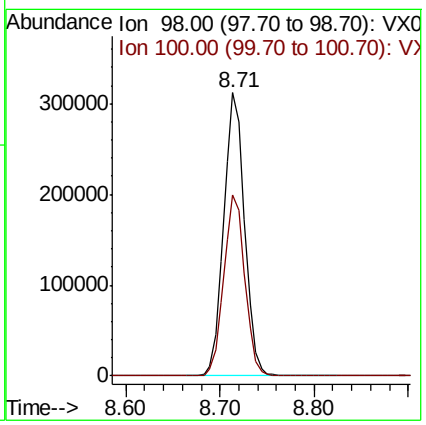


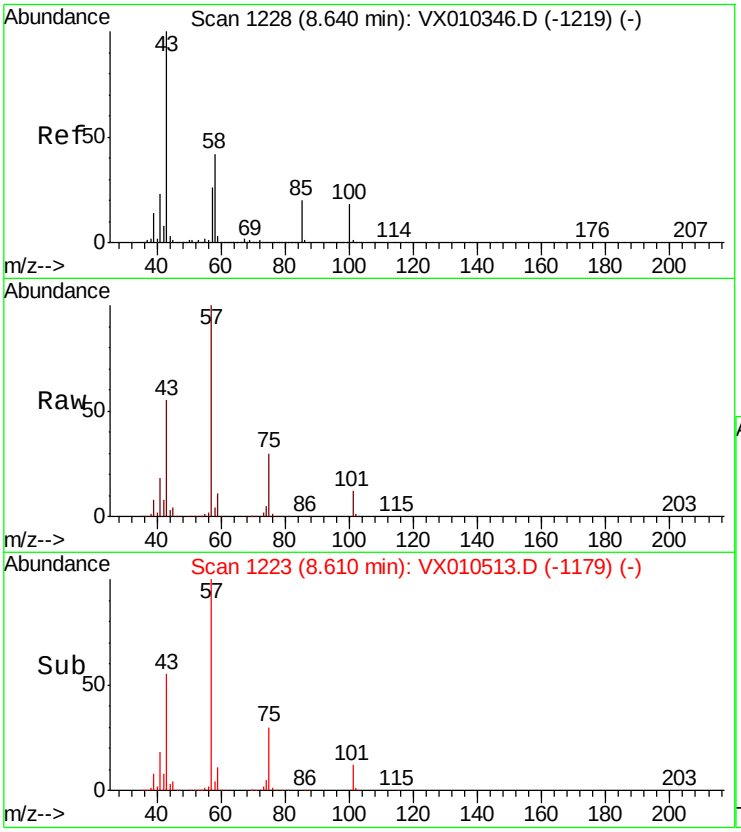


#50
Toluene-d8
Concen: 51.519 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 98 Resp: 478890

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4



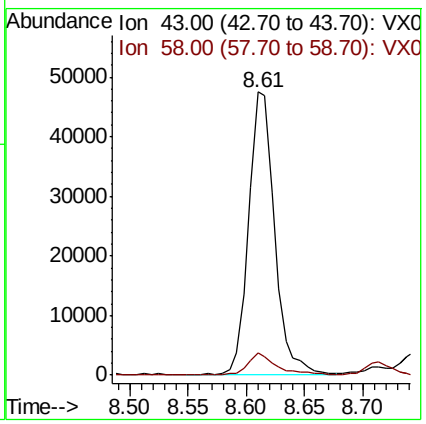


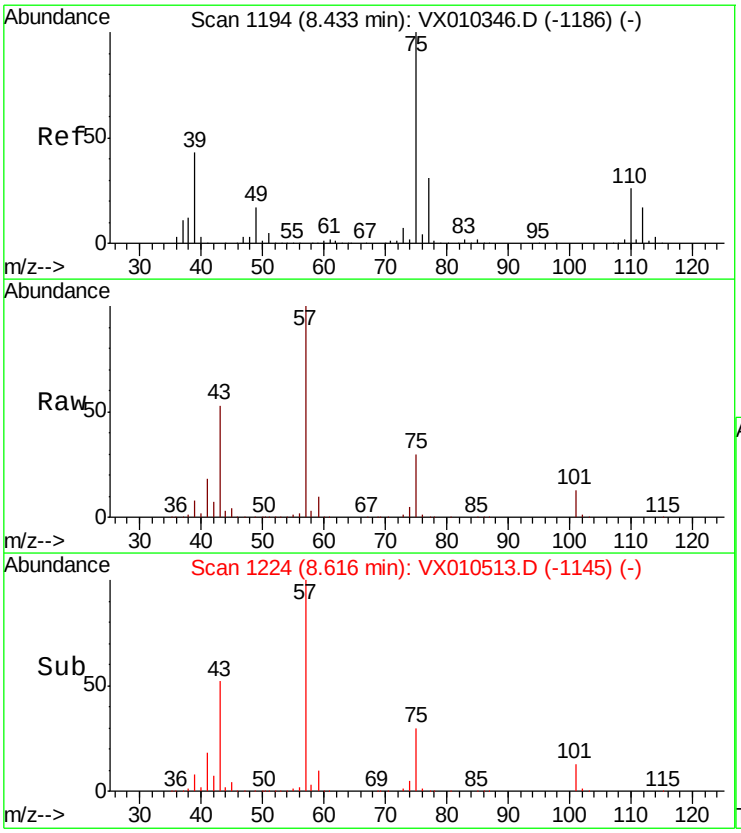
#51
4-Methyl-2-Pentanone
Concen: 21.443 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 73662

Ion	Ratio	Lower	Upper
43	100		
58	8.7	33.5	50.3#

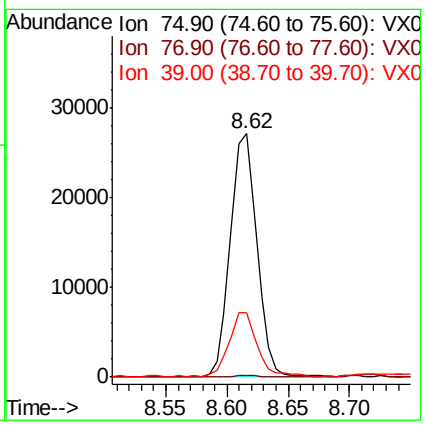


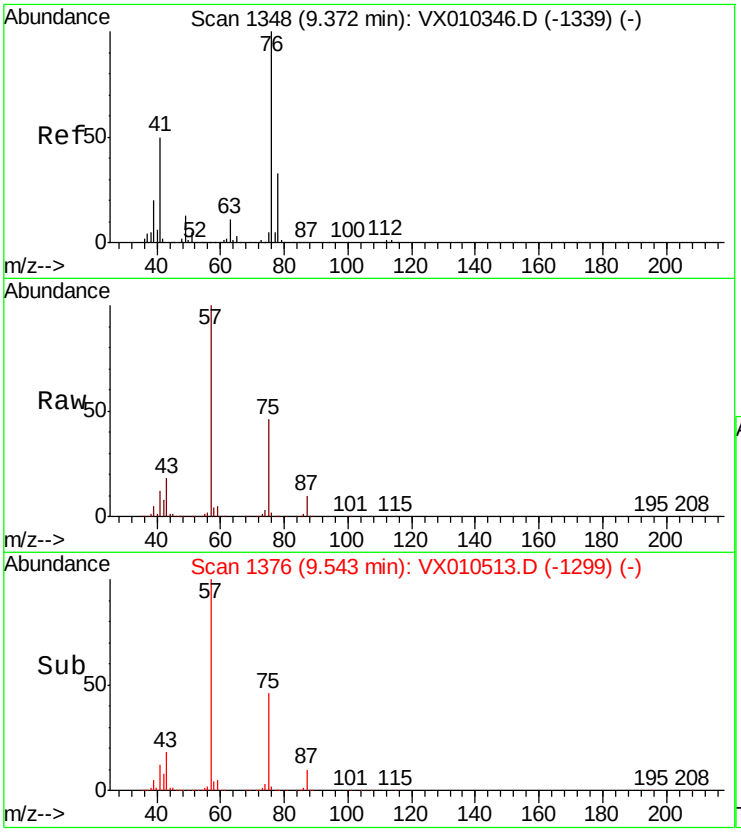


#54
cis-1,3-Dichloropropene
Concen: 10.263 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 75 Resp: 40817

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.2	37.8#
39	26.2	34.5	51.7#



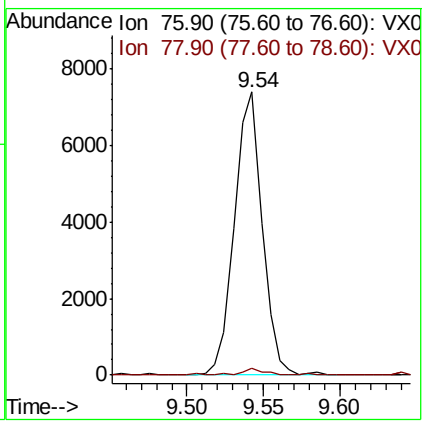


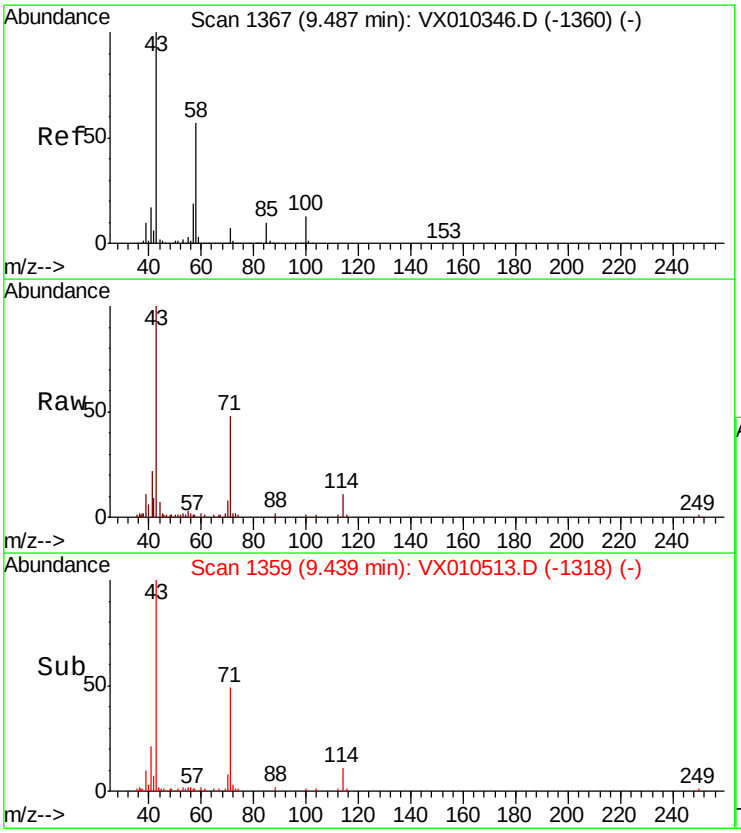
#57
1,3-Dichloropropane
Concen: 2.248 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 9316

Ion	Ratio	Lower	Upper
76	100		
78	1.8	26.1	39.1#

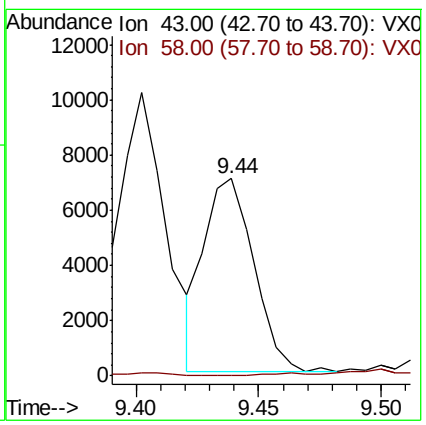


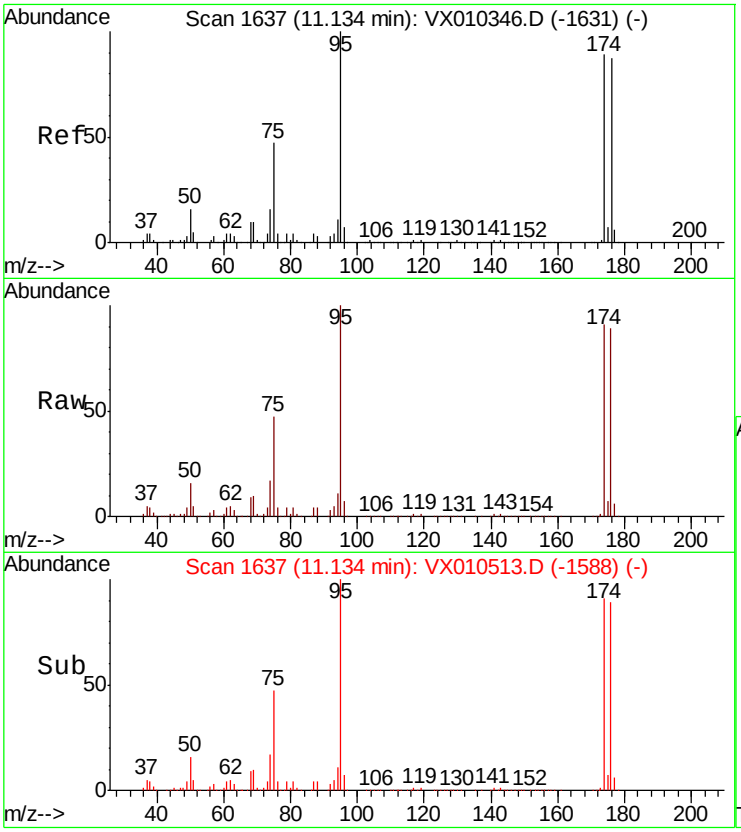


#59
2-Hexanone
Concen: 3.637 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 43 Resp: 9834

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.1#



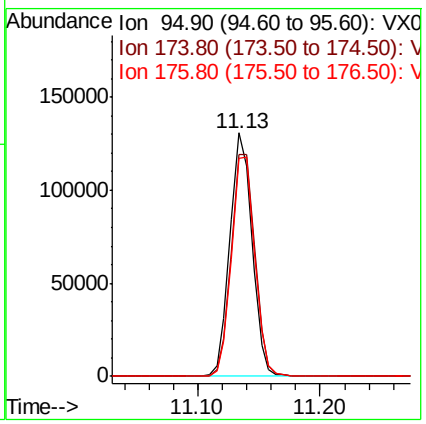


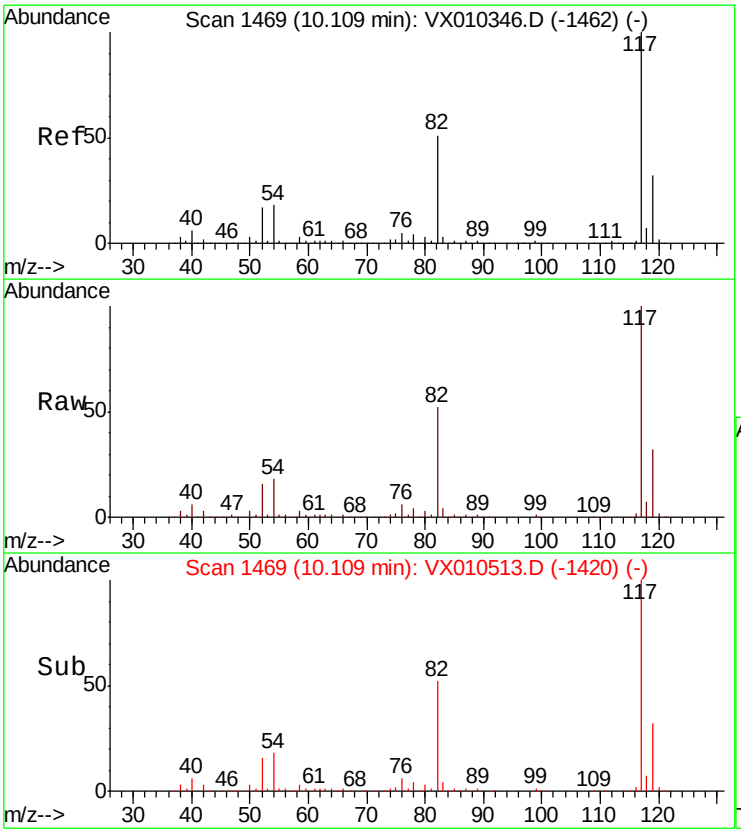
#62
4-Bromofluorobenzene
Concen: 48.451 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 162597

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	187.6
176	94.7	0.0	184.0

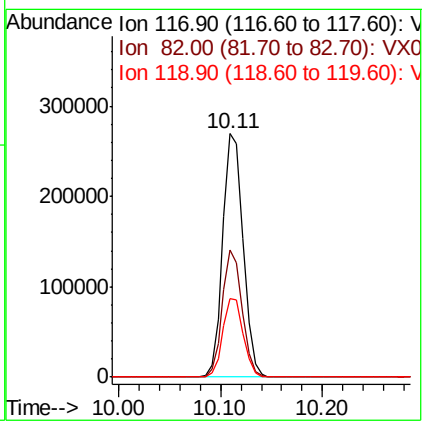


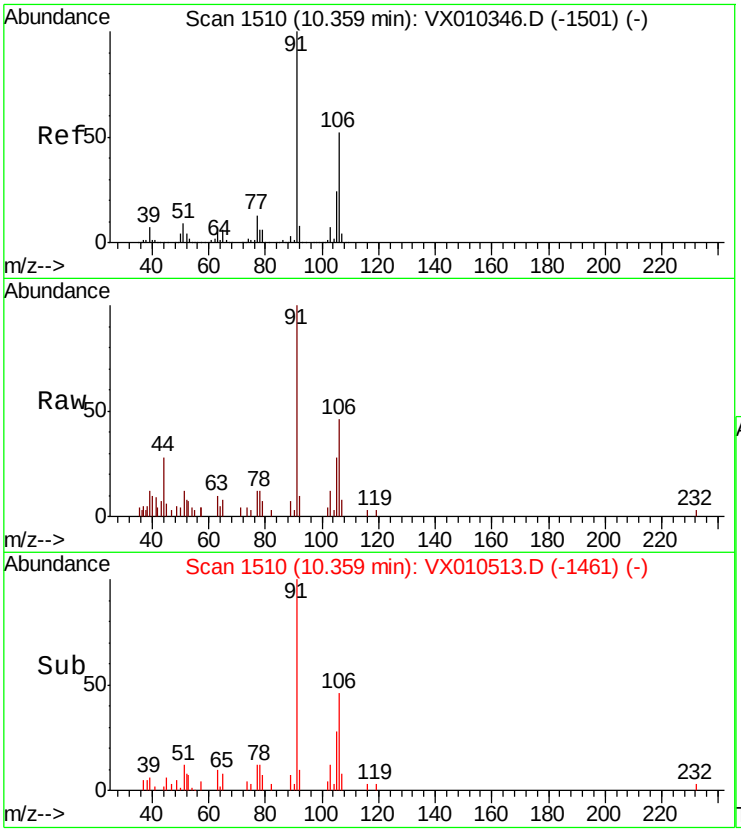


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:117 Resp: 373868

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.2	61.8
119	32.2	25.5	38.3



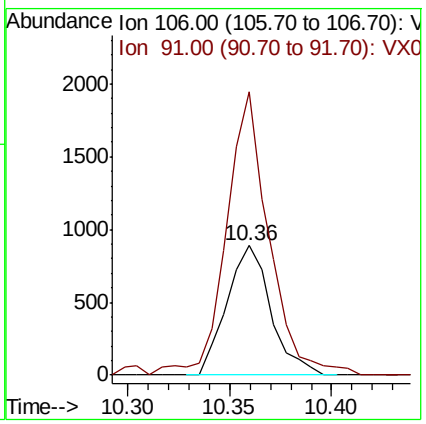


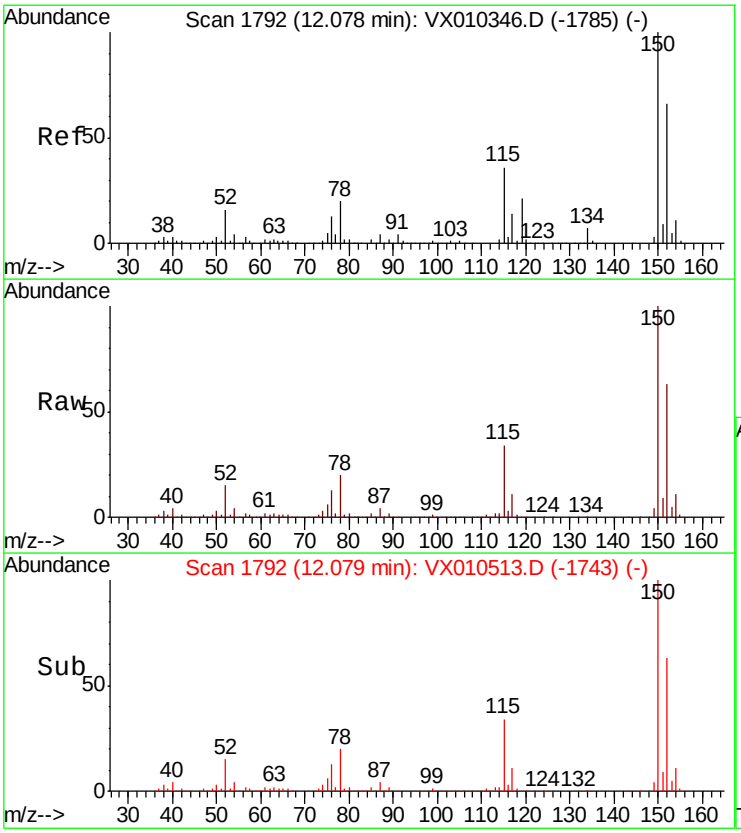
#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1325

Ion	Ratio	Lower	Upper
106	100		
91	212.7	155.3	232.9

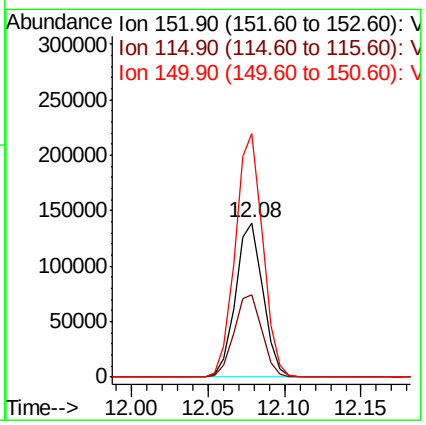


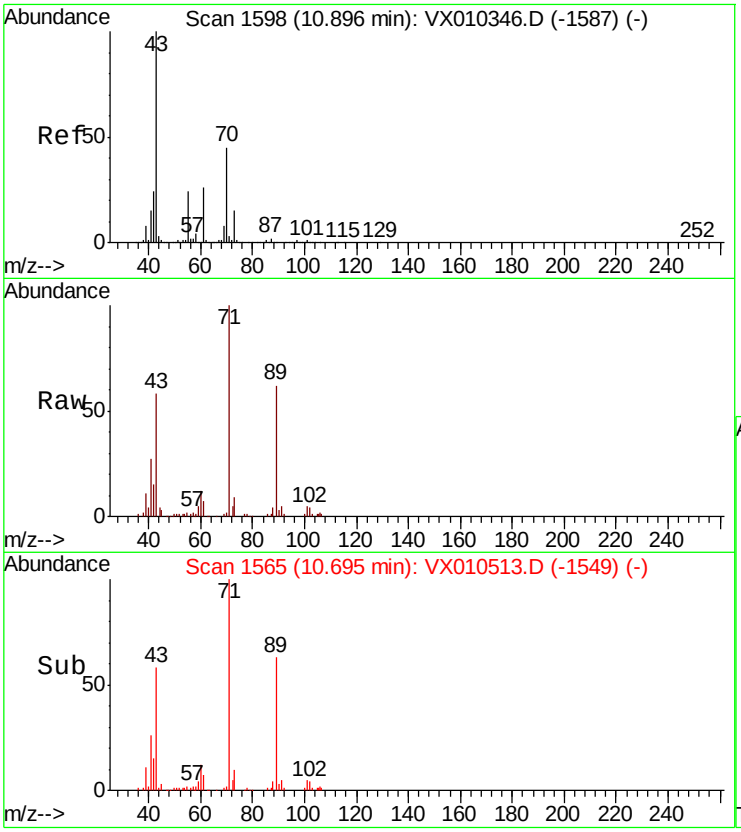


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:152 Resp: 172459

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	158.5	0.0	347.4



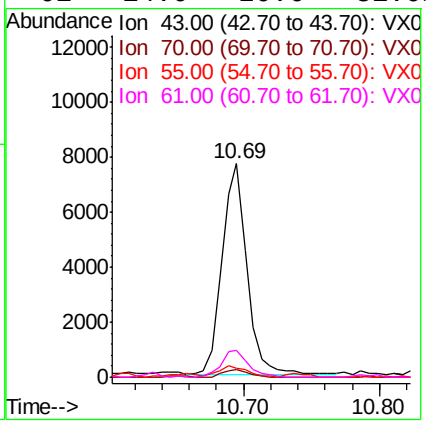


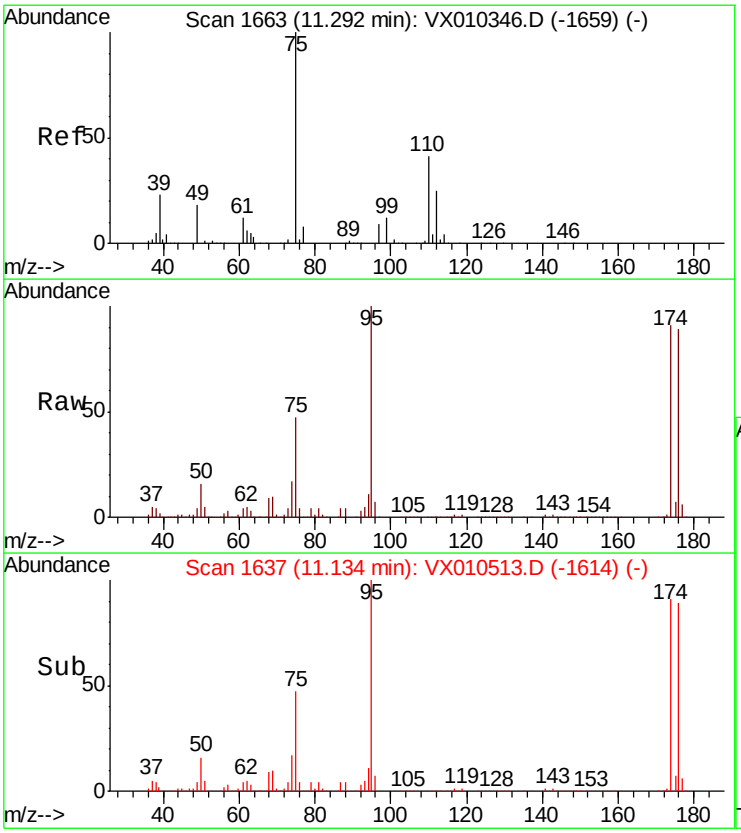
#74
N-amyl acetate
Concen: 2.207 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9751

Ion	Ratio	Lower	Upper
43	100		
70	3.6	36.6	54.8#
55	6.2	18.7	28.1#
61	14.0	20.6	31.0#

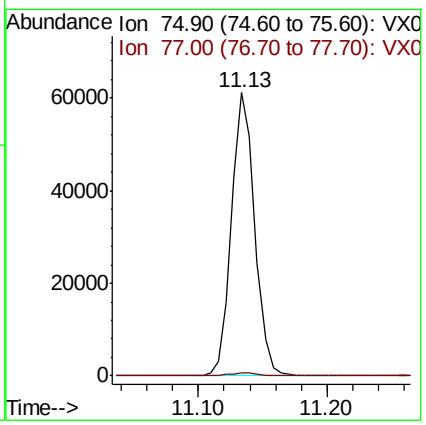


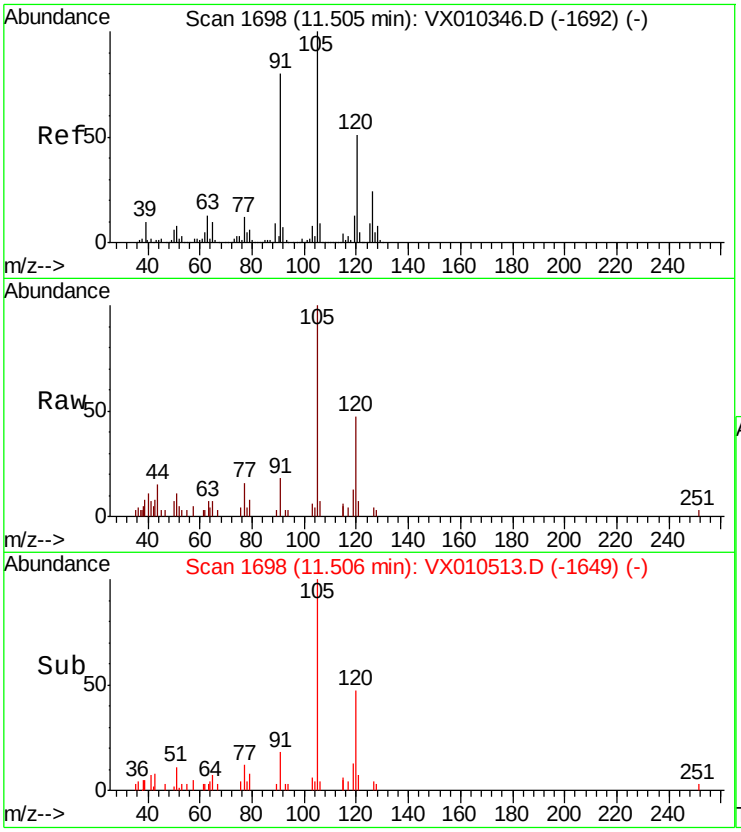


#76
1,2,3-Trichloropropane
Concen: 24.605 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 75 Resp: 77324

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.6	67.8#



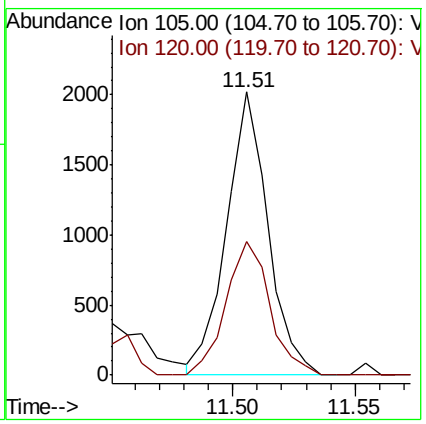


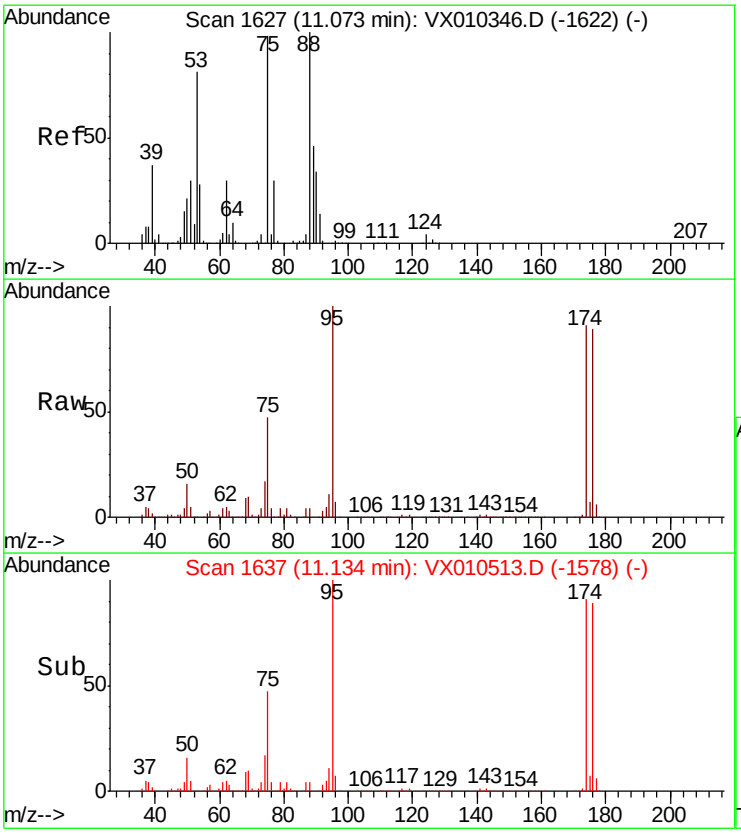
#80
1,3,5-Trimethylbenzene
Concen: 0.246 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2374

Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.2	75.6

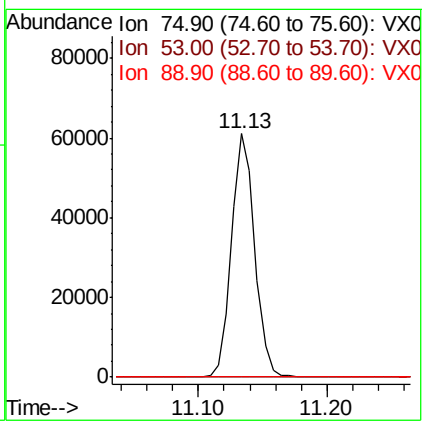


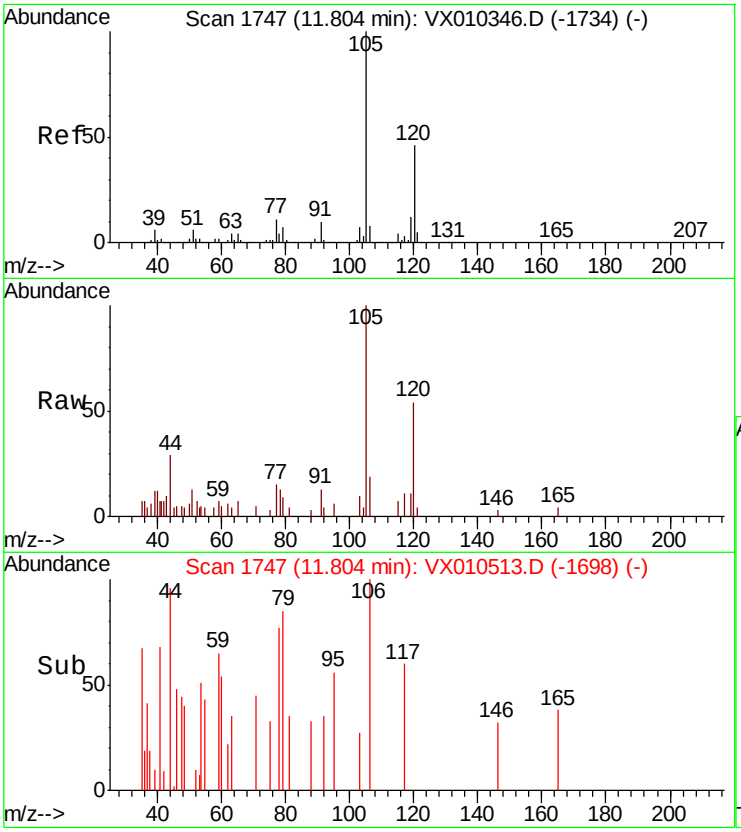


#81
trans-1,4-Dichloro-2-butene
Concen: 57.400 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion: 75 Resp: 77324

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#



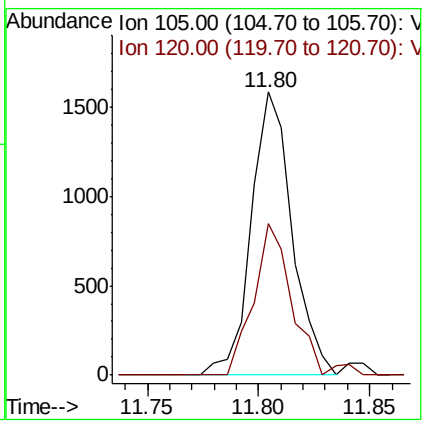


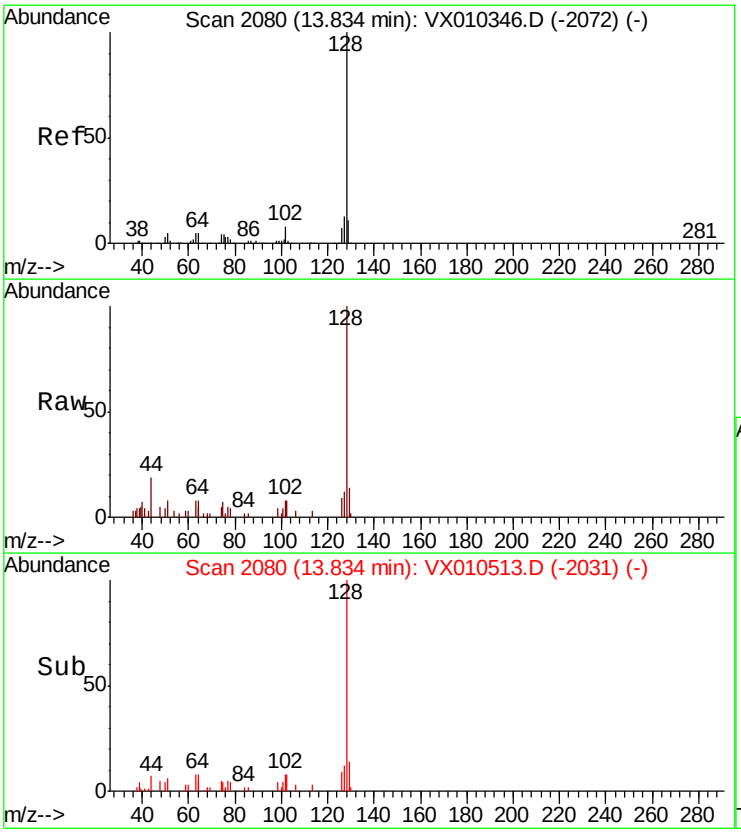
#84
1,2,4-Trimethylbenzene
Concen: 0.209 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2019

Ion	Ratio	Lower	Upper
105	100		
120	51.1	23.1	69.2





#95
Naphthalene
Concen: 0.272 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010513.D
Acq: 28 Jun 2019 02:37

Tgt Ion:128 Resp: 3277

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	14.5	8.9	13.3#