Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013501.D
Acq On : 21 Nov 2019 14:27
Operator : JC/SP
Sample : K5967-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 22 01:08:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

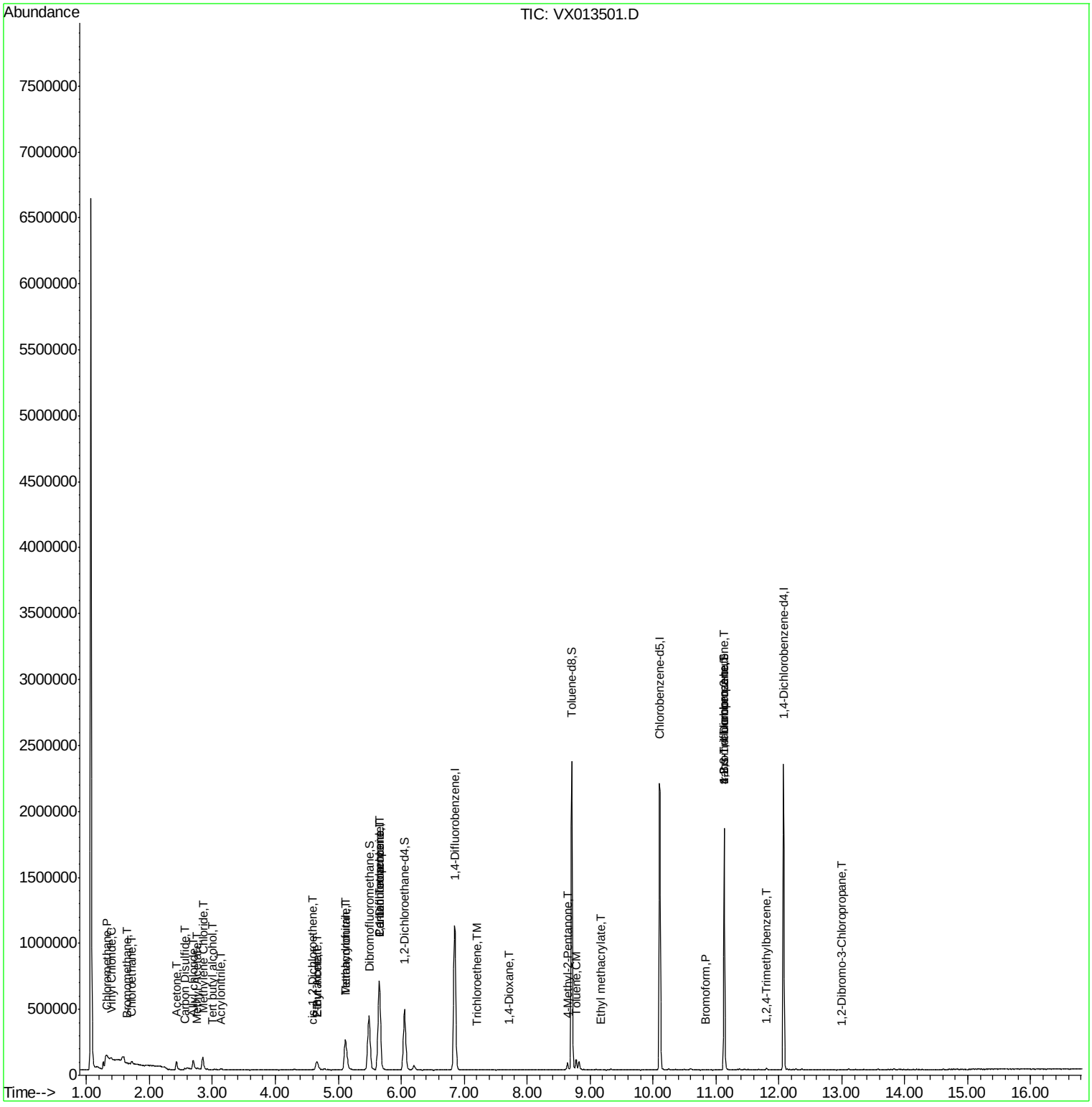
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	709835	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1142148	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	1025618	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	473583	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	421163	50.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.16%				
35) Dibromofluoromethane	5.49	113	346760	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
50) Toluene-d8	8.71	98	1372683	50.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.66%				
62) 4-Bromofluorobenzene	11.14	95	467049	47.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.84%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	4417	0.498	ug/l	#	63
4) Vinyl Chloride	1.40	62	9118	0.903	ug/l	#	60
5) Bromomethane	1.64	94	2160	0.307	ug/l	#	48
6) Chloroethane	1.72	64	26159	3.422	ug/l	#	82
11) Tert butyl alcohol	3.01	59	1039	0.469	ug/l	#	1
14) Allyl chloride	2.70	41	65106	5.503	ug/l	#	40
15) Acrylonitrile	3.14	53	3520	0.850	ug/l	#	84
16) Acetone	2.43	43	68739	16.388	ug/l		96
17) Carbon Disulfide	2.56	76	12666	0.727	ug/l	#	95
18) Methyl Acetate	2.76	43	7902	0.682	ug/l	#	90
20) Methylene Chloride	2.85	84	44727	5.771	ug/l		92
25) 2-Butanone	4.66	43	118470	19.253	ug/l		99
27) cis-1,2-Dichloroethene	4.58	96	2494	0.314	ug/l		87
29) Tetrahydrofuran	5.11	42	213985	56.431	ug/l		99
36) 1,1-Dichloropropene	5.65	75	47301	4.828	ug/l	#	51
37) Ethyl Acetate	4.66	43	118470	9.785	ug/l	#	69
38) Carbon Tetrachloride	5.65	117	61942	6.465	ug/l	#	16
41) Methacrylonitrile	5.12	41	122811	18.097	ug/l	#	47
44) Trichloroethene	7.21	130	2102	0.250	ug/l		94
49) 1,4-Dioxane	7.72	88	428	1.986	ug/l	#	52
51) 4-Methyl-2-Pentanone	8.64	43	7853	0.635	ug/l		100
52) Toluene	8.78	92	29907	1.581	ug/l		99
56) Ethyl methacrylate	9.17	69	1008	1.636	ug/l	#	15
71) Bromoform	10.84	173	154	3.223	ug/l	#	28
76) 1,2,3-Trichloropropane	11.13	75	228814	23.787	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	228814	61.228	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.81	105	7587	0.289	ug/l		91
92) 1,2-Dibromo-3-Chloropropan	13.00	75	622	0.223	ug/l		66

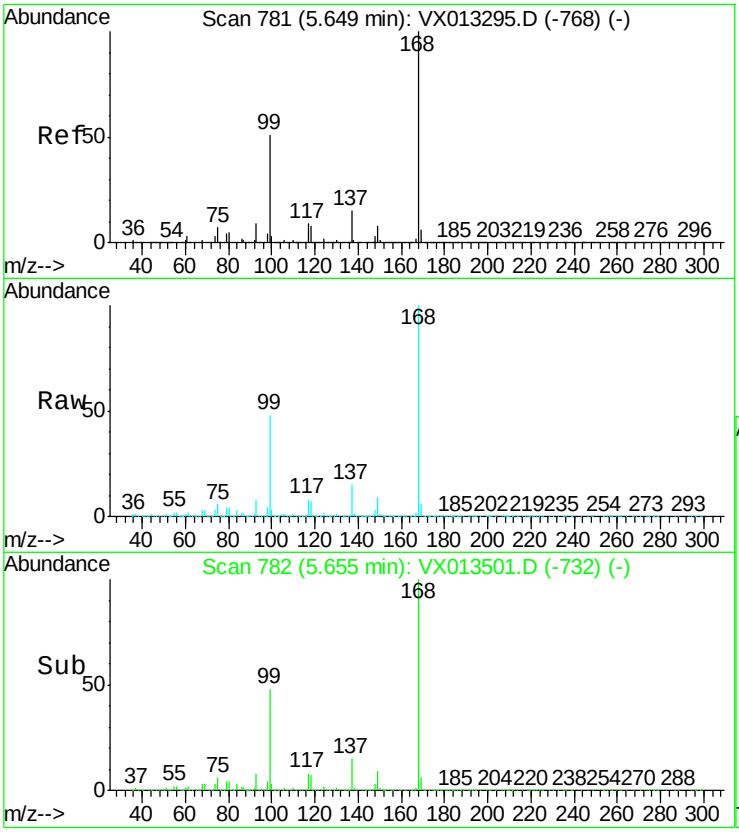
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
Data File : VX013501.D
Acq On : 21 Nov 2019 14:27
Operator : JC/SP
Sample : K5967-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 22 01:08:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

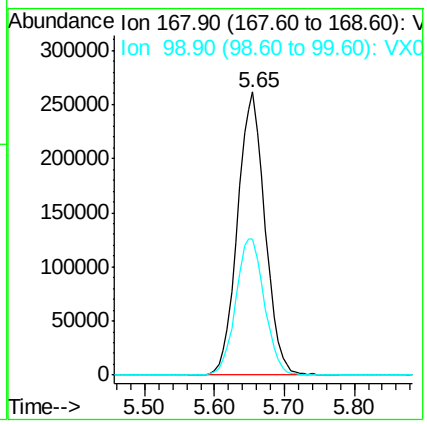


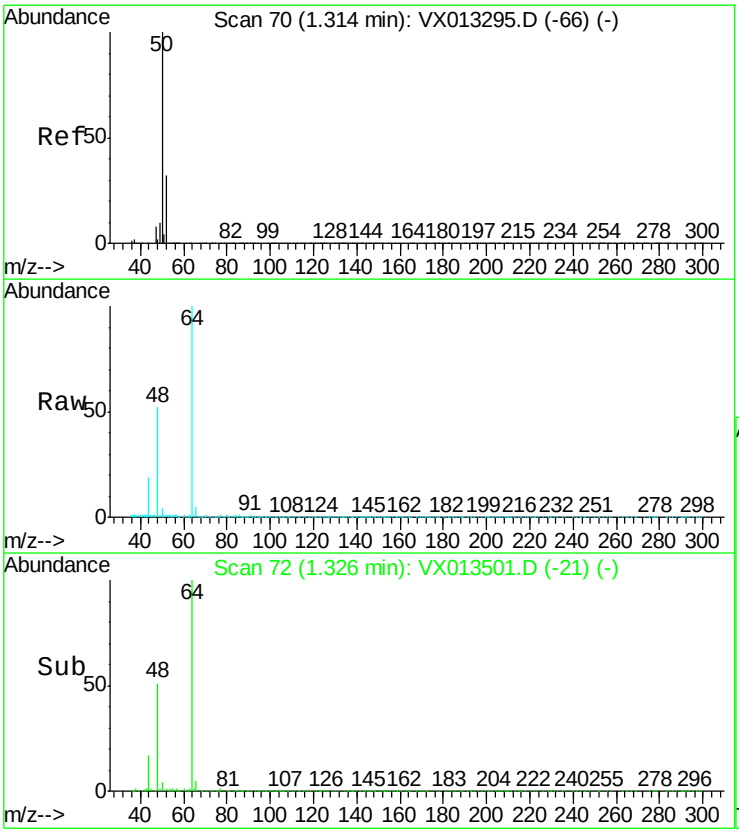


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:168 Resp: 709835

Ion	Ratio	Lower	Upper
168	100		
99	48.2	40.8	61.2

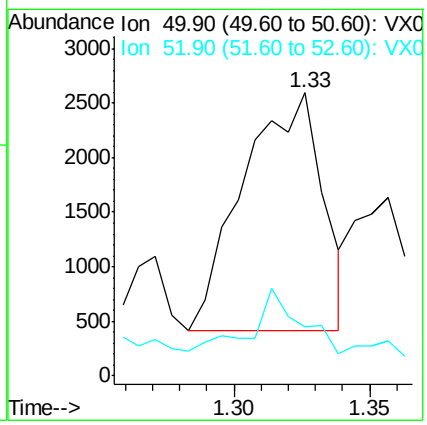


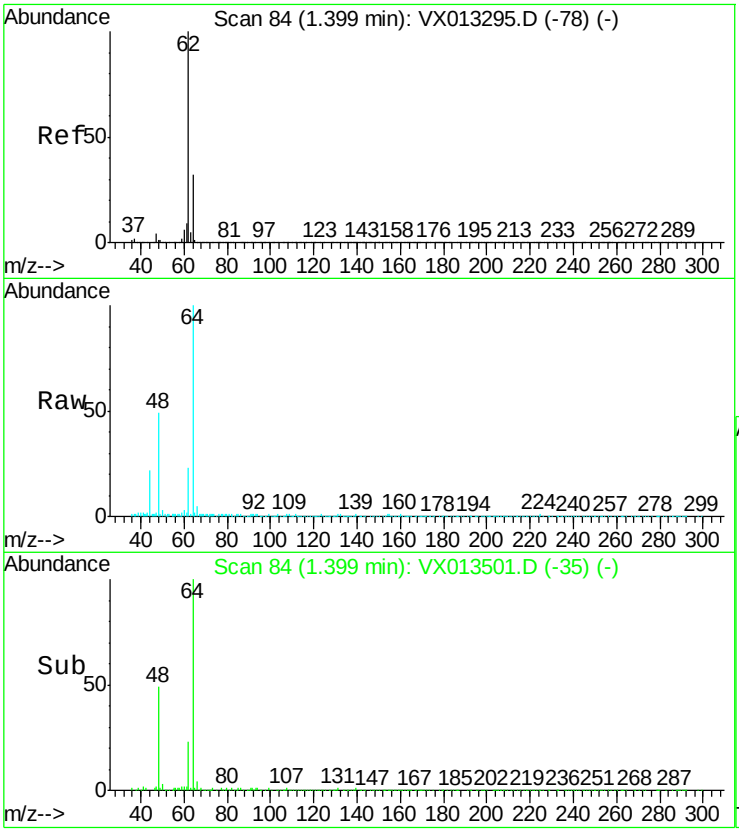


#3
Chloromethane
Concen: 0.498 ug/l
RT: 1.33 min Scan# 72
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 50 Resp: 4417

Ion	Ratio	Lower	Upper
50	100		
52	11.4	25.5	38.3#

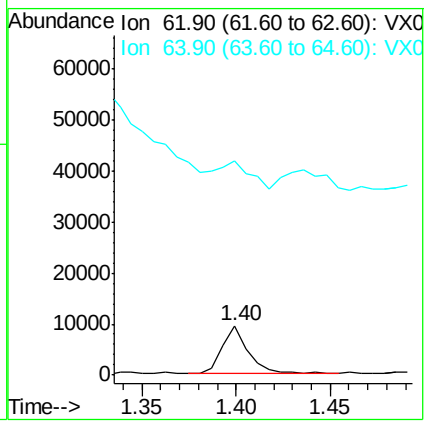


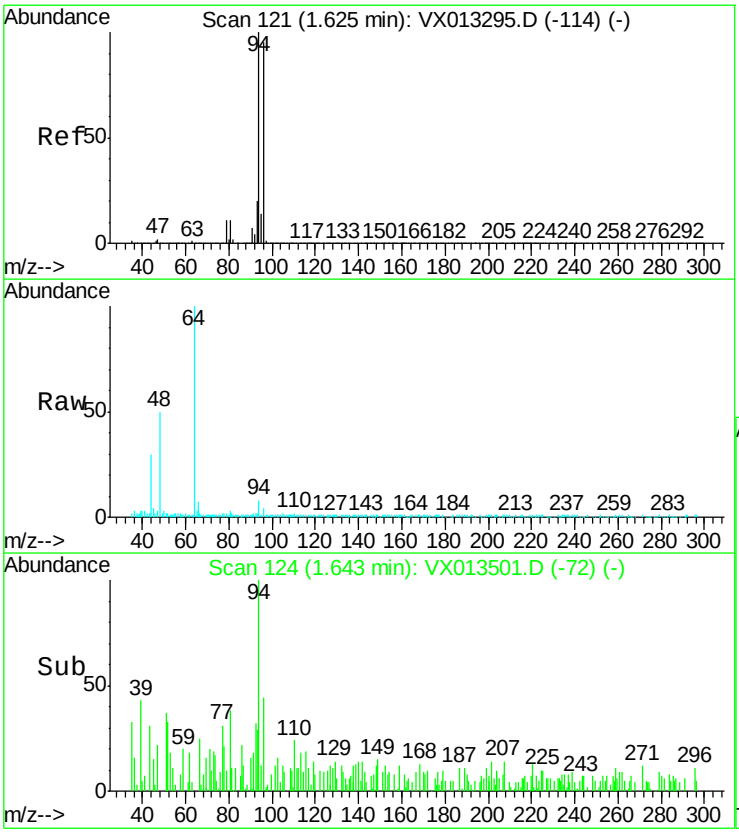


#4
Vinyl Chloride
Concen: 0.903 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 62 Resp: 9118

Ion	Ratio	Lower	Upper
62	100		
64	54.3	25.6	38.4#

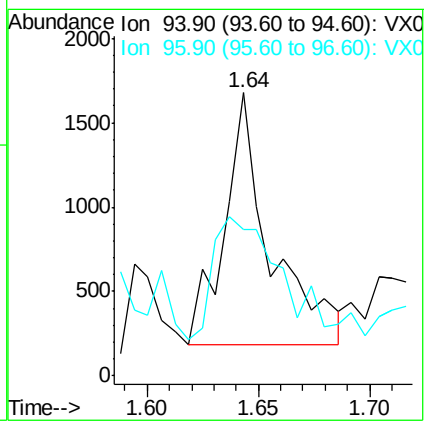


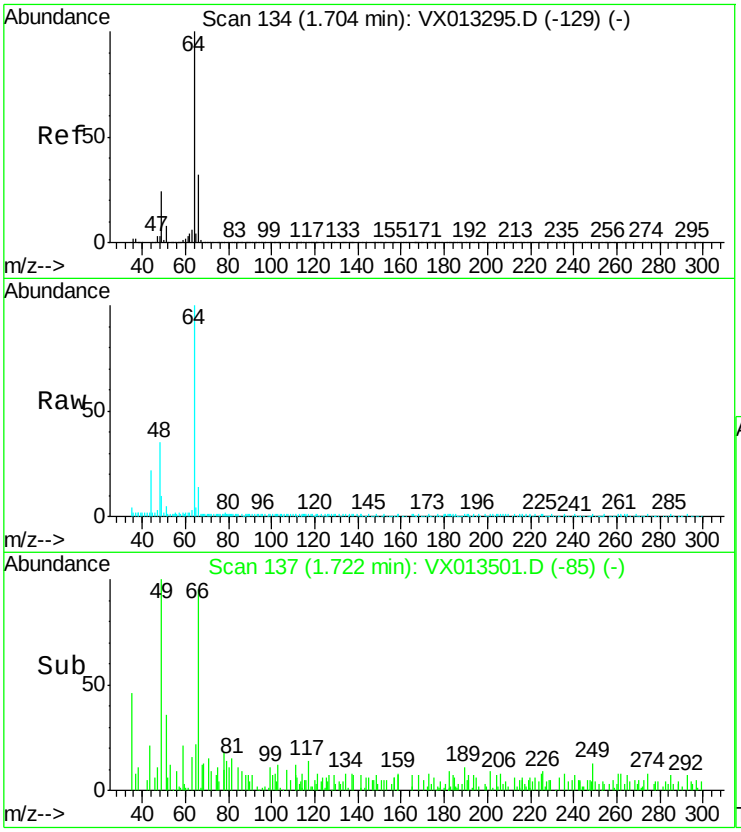


#5
Bromomethane
Concen: 0.307 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 94 Resp: 2160

Ion	Ratio	Lower	Upper
94	100		
96	44.0	75.8	113.8#

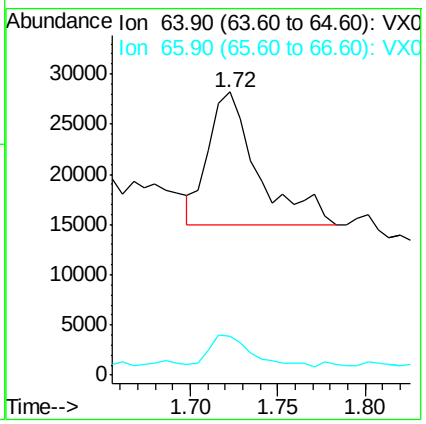


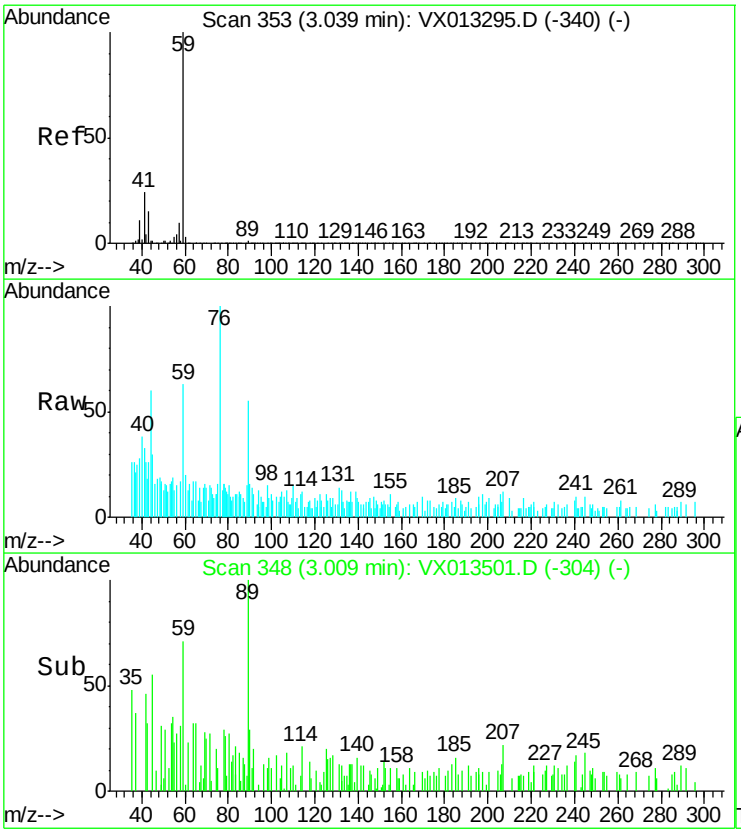


#6
Chloroethane
Concen: 3.422 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.02 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 64 Resp: 26159

Ion	Ratio	Lower	Upper
64	100		
66	21.7	25.6	38.4#

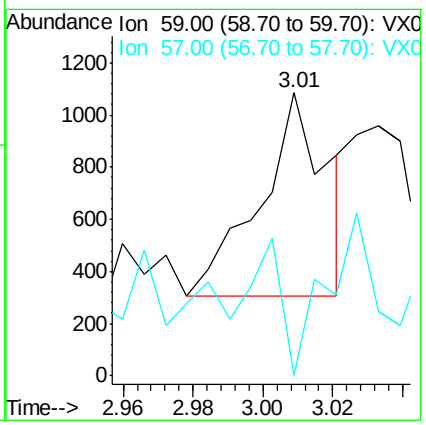


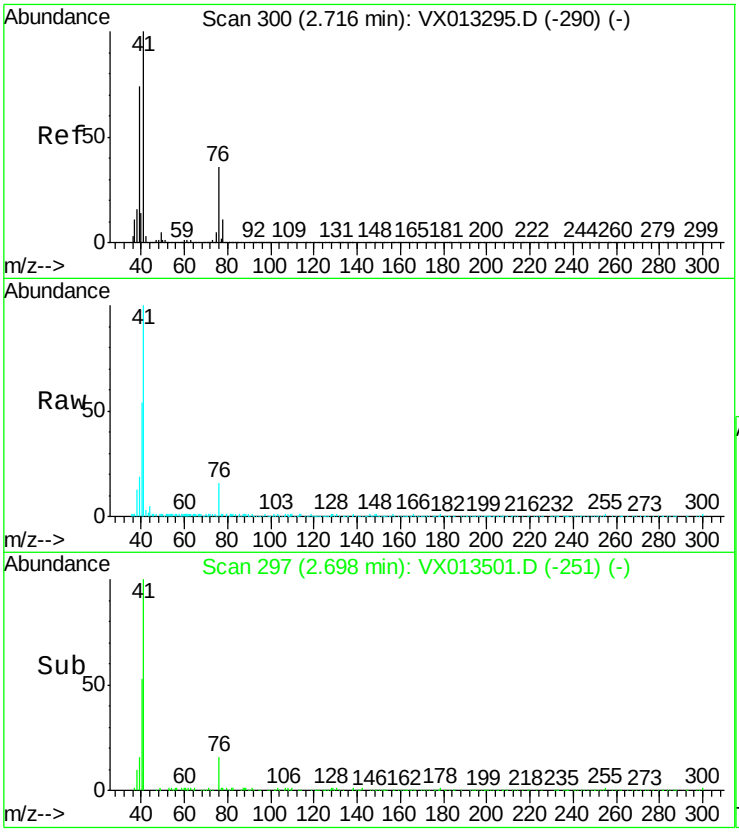


#11
Tert butyl alcohol
Concen: 0.469 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 59 Resp: 1039

Ion	Ratio	Lower	Upper
59	100		
57	61.6	8.0	12.0#

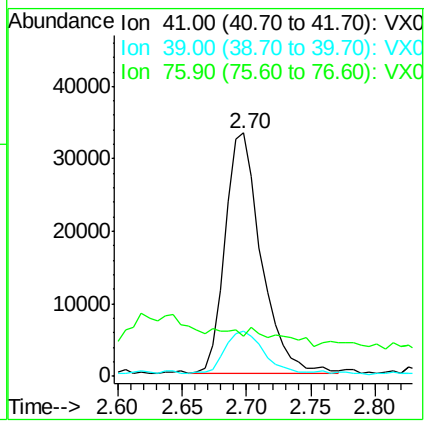


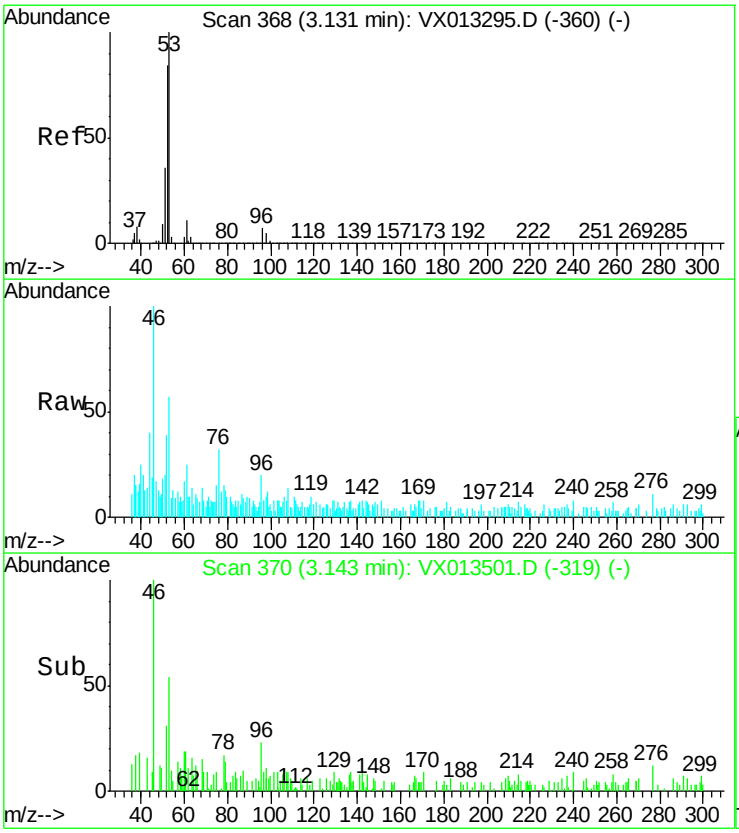


#14
Allyl chloride
Concen: 5.503 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.02 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 41 Resp: 65106

Ion	Ratio	Lower	Upper
41	100		
39	20.2	55.8	83.8#
76	0.0	26.4	39.6#

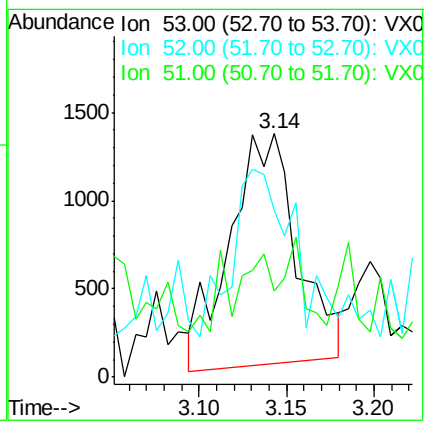


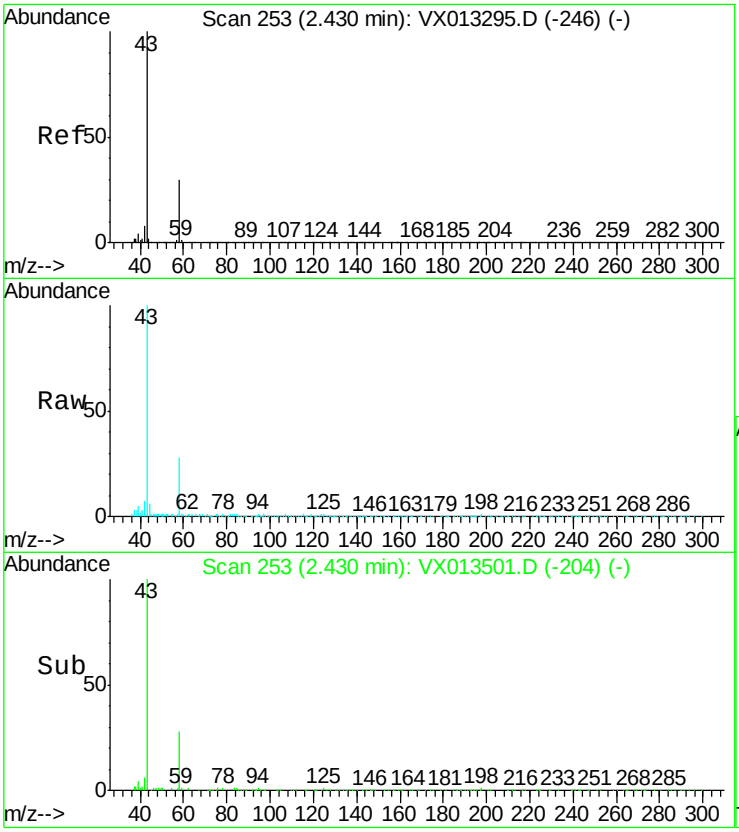


#15
Acrylonitrile
Concen: 0.850 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 53 Resp: 3520

Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.4	101.0
51	10.2	29.4	44.2#

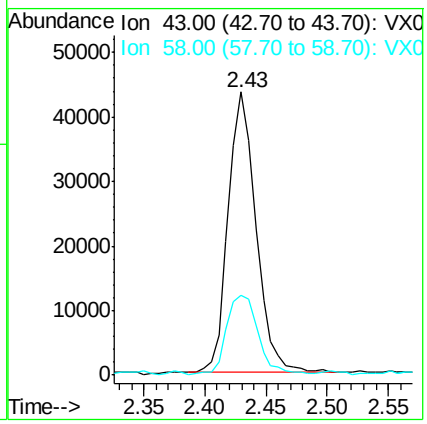


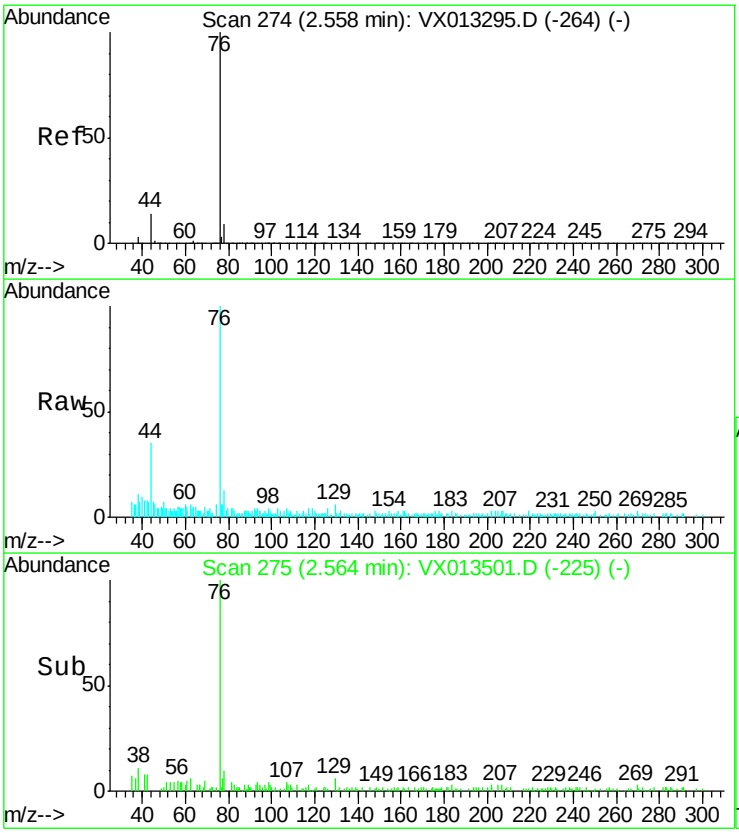


#16
Acetone
Concen: 16.388 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 68739

Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.3	36.5

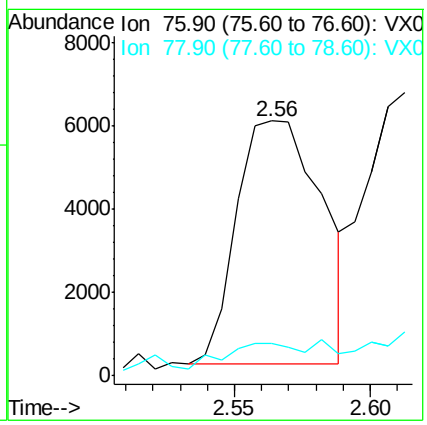


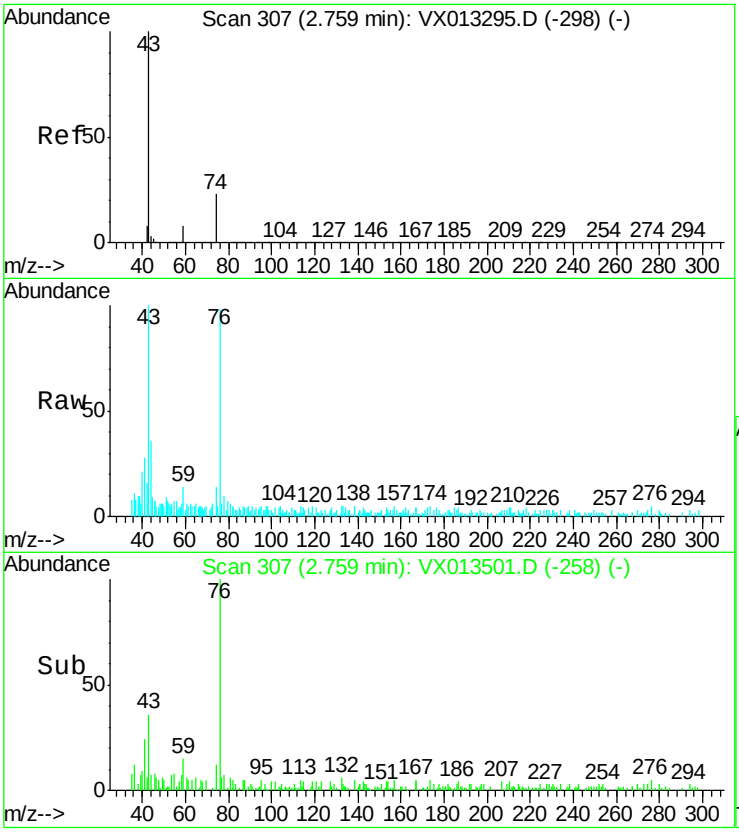


#17
Carbon Disulfide
Concen: 0.727 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 76 Resp: 12666

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.0	10.6#

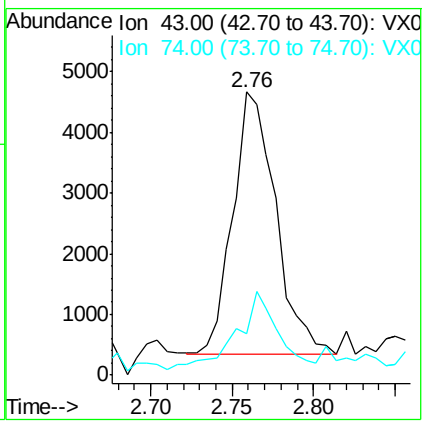


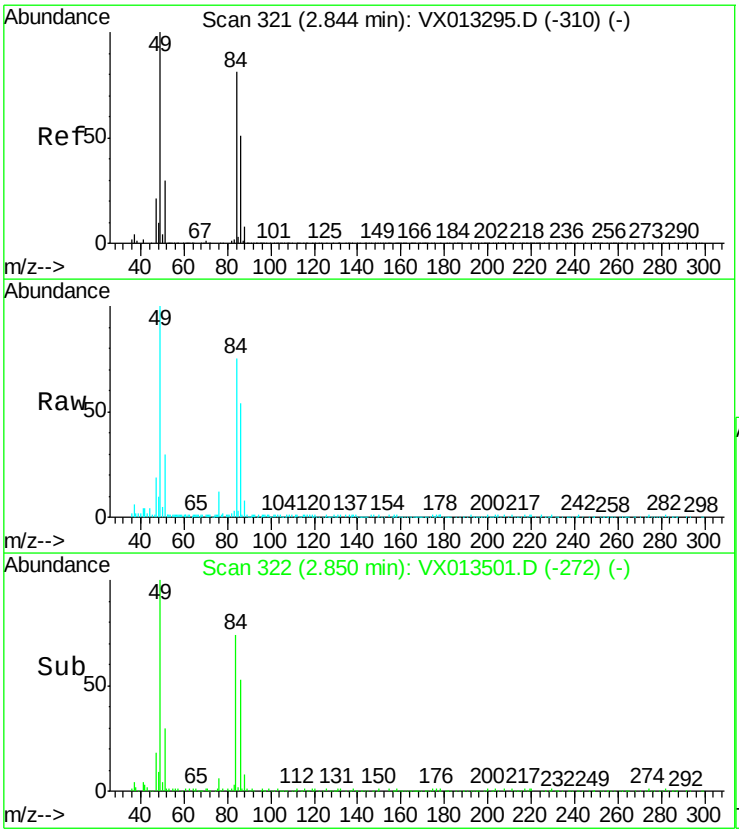


#18
Methyl Acetate
Concen: 0.682 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 7902

Ion	Ratio	Lower	Upper
43	100		
74	28.8	19.0	28.6#

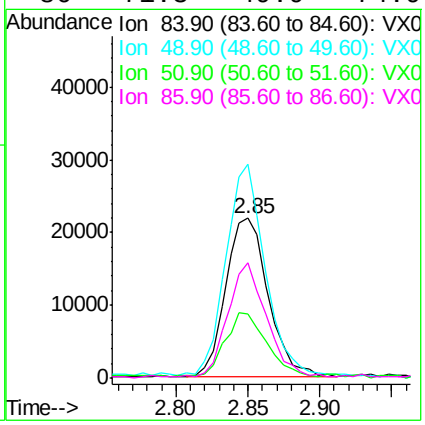


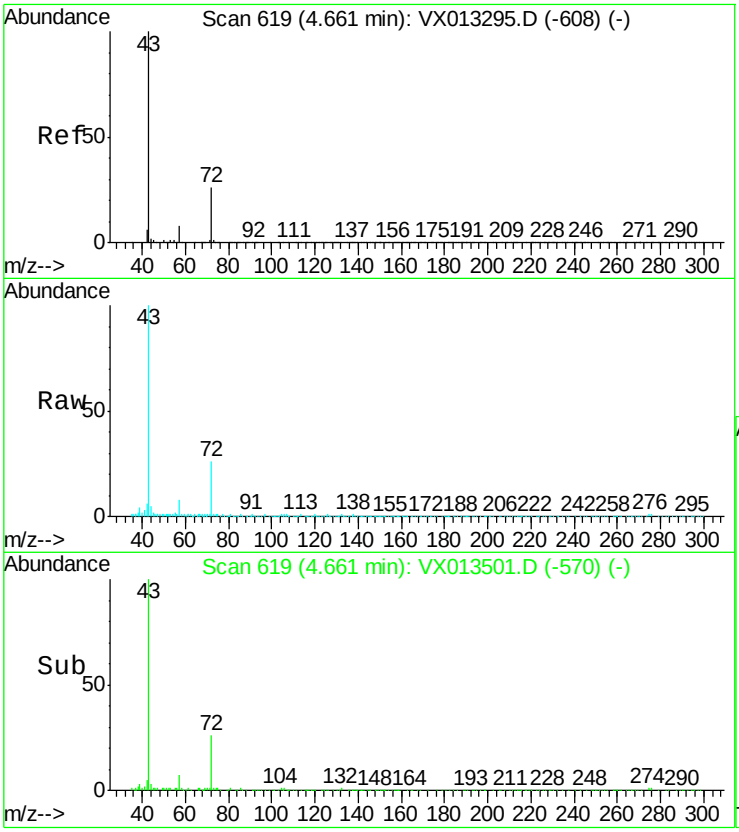


#20
Methylene Chloride
Concen: 5.771 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 84 Resp: 44727

Ion	Ratio	Lower	Upper
84	100		
49	132.1	98.2	147.4
51	37.2	29.9	44.9
86	71.3	49.9	74.9

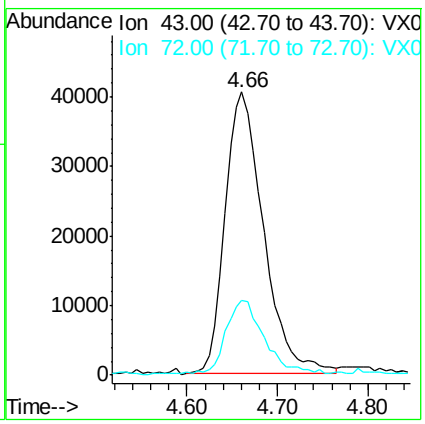


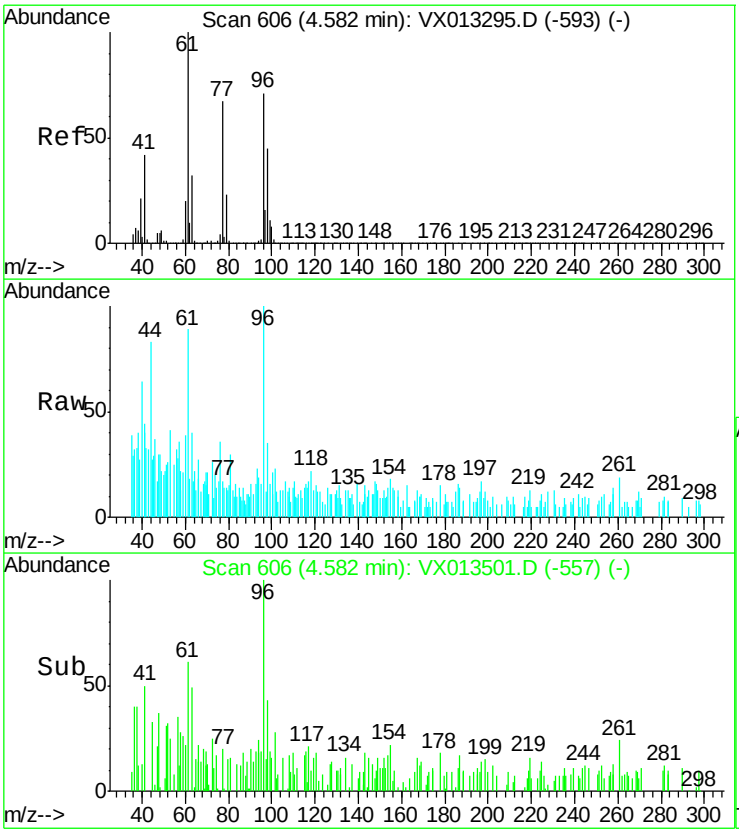


#25
2-Butanone
Concen: 19.253 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 118470

Ion	Ratio	Lower	Upper
43	100		
72	25.7	21.0	31.6

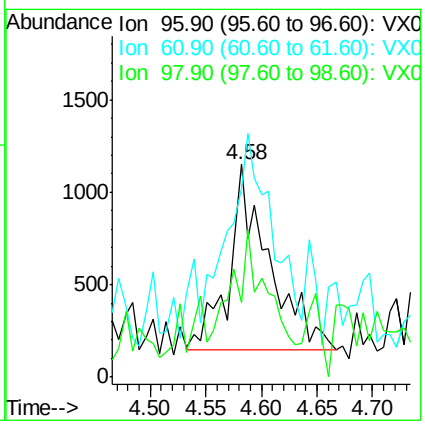


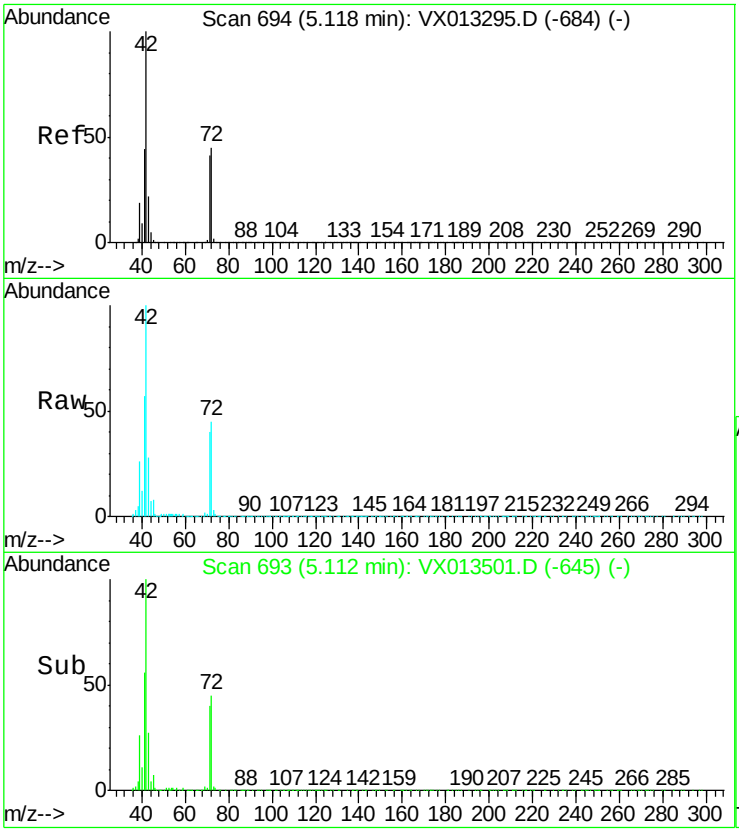


#27
cis-1,2-Dichloroethene
Concen: 0.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 96 Resp: 2494

Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	288.0
98	56.5	0.0	129.6

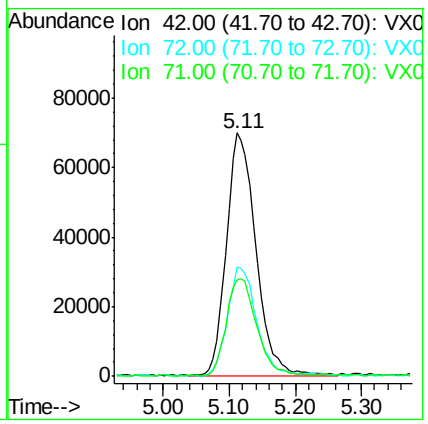


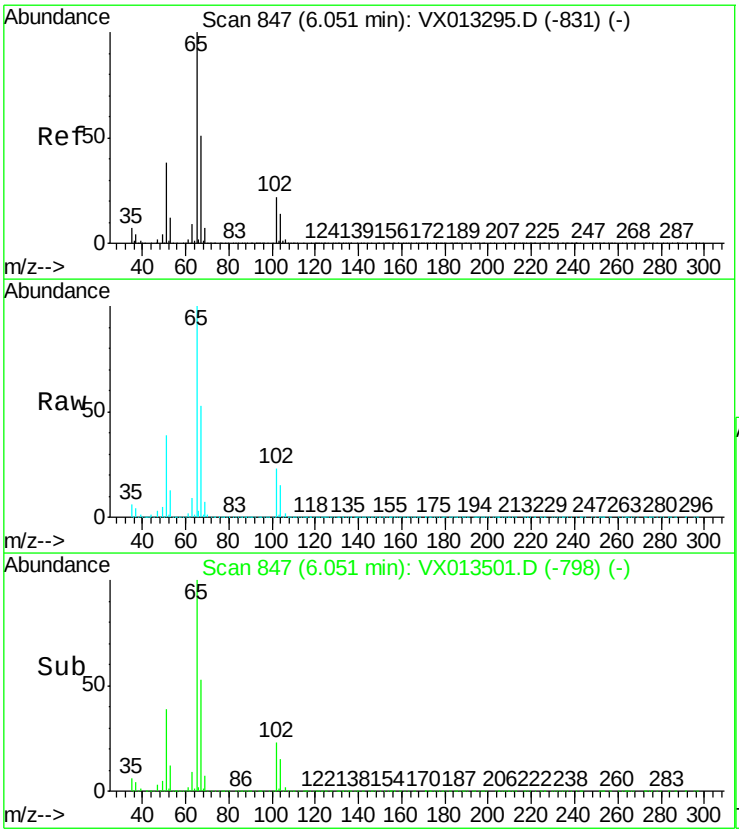


#29
Tetrahydrofuran
Concen: 56.431 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 42 Resp: 213985

Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.8	53.8
71	41.3	33.4	50.0

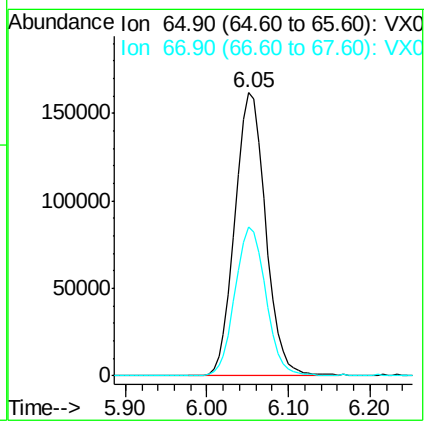


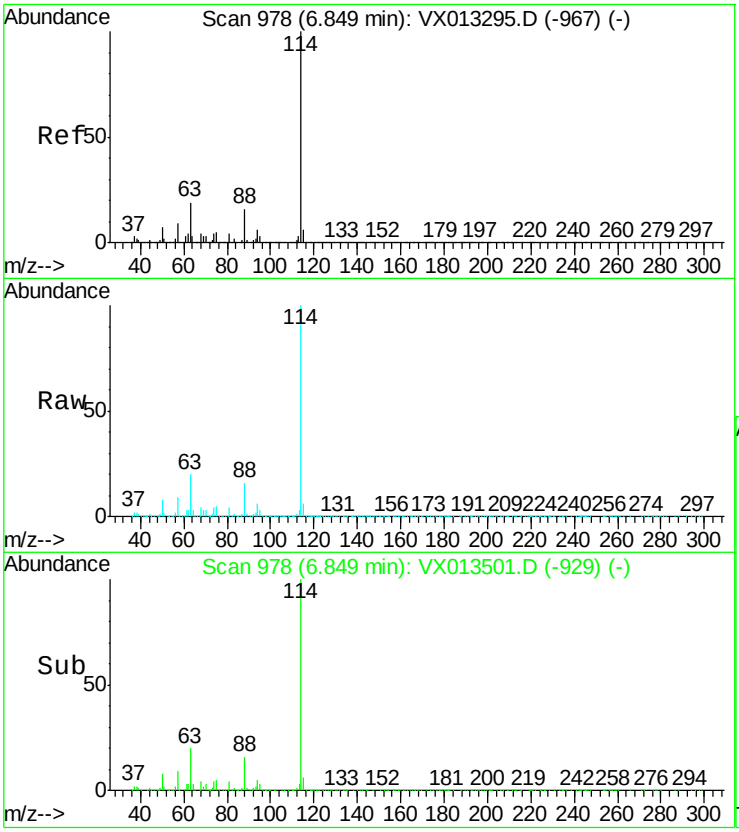


#33
1,2-Dichloroethane-d4
Concen: 50.082 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 65 Resp: 421163

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2

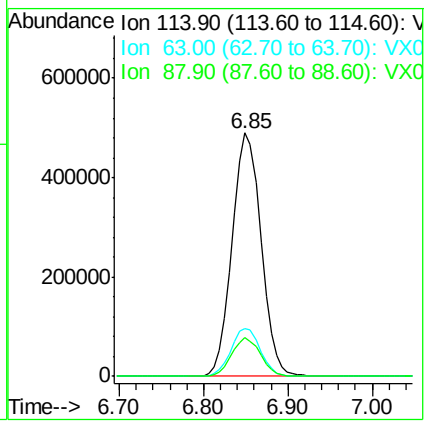


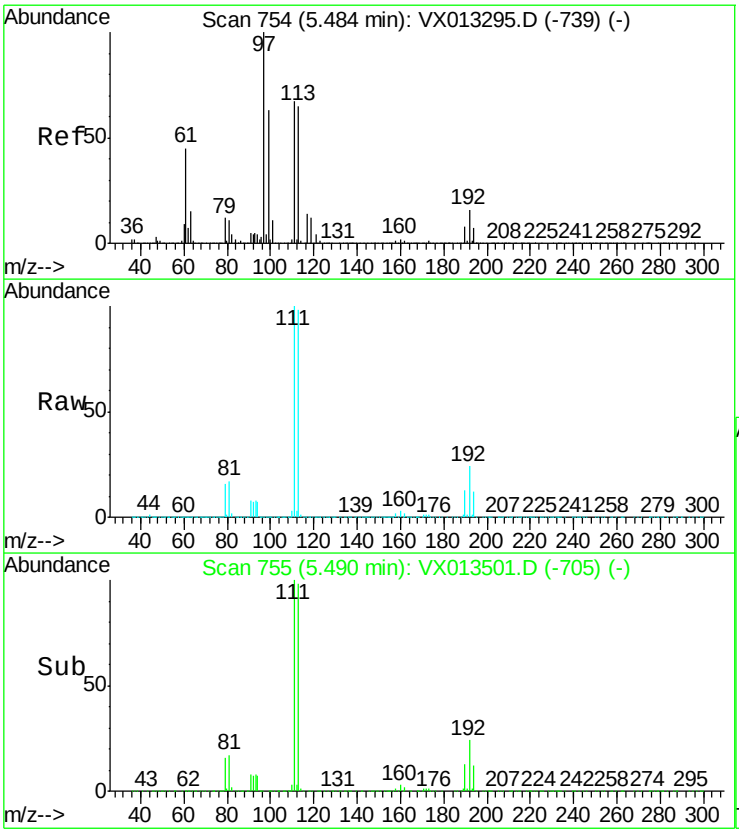


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:114 Resp: 1142148

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.9	0.0	32.2

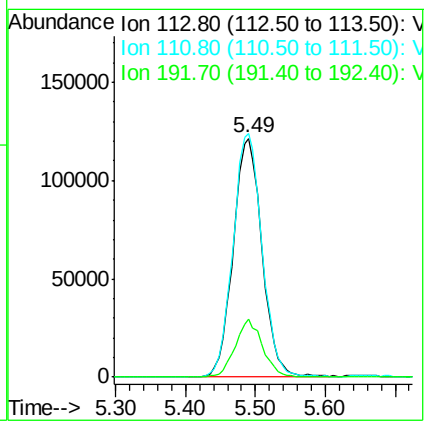


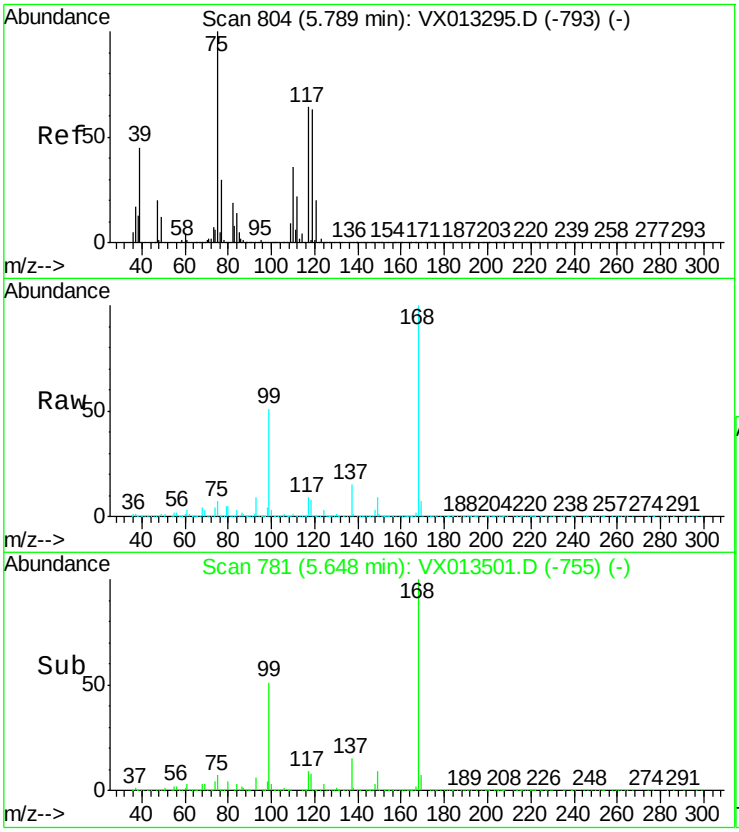


#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:113 Resp: 346760

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	23.0	19.1	28.7

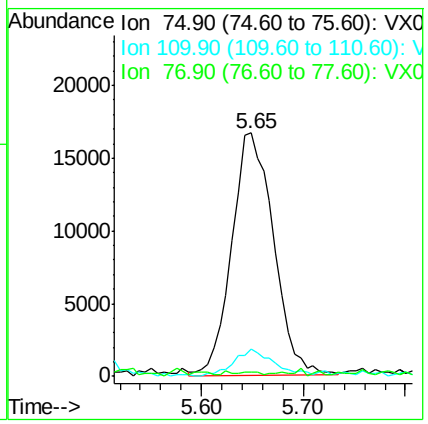


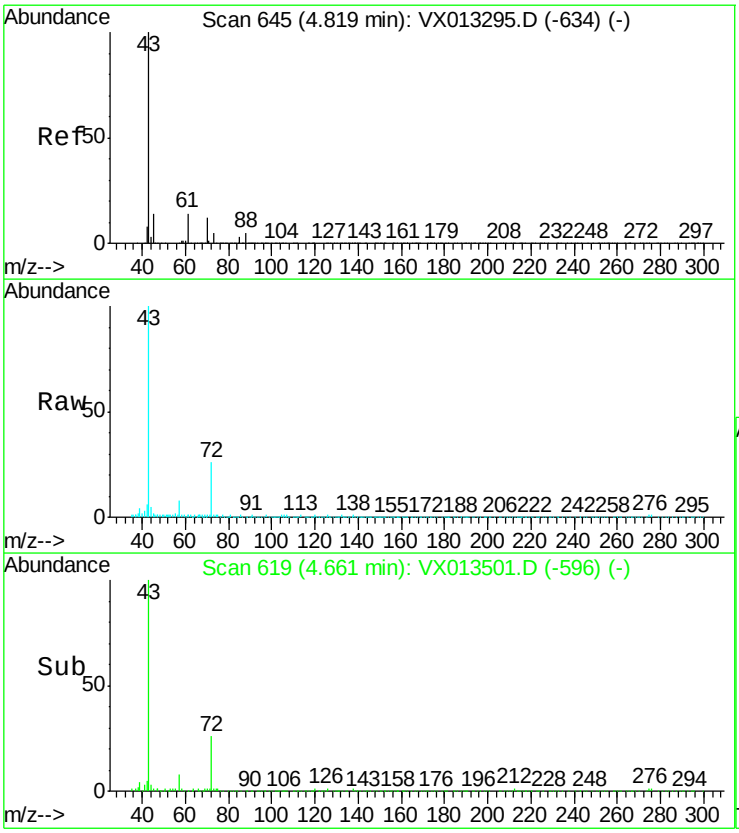


#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 75 Resp: 47301

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.1#
77	0.5	25.0	37.4#

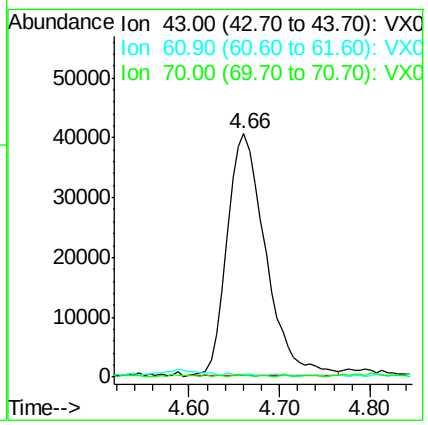


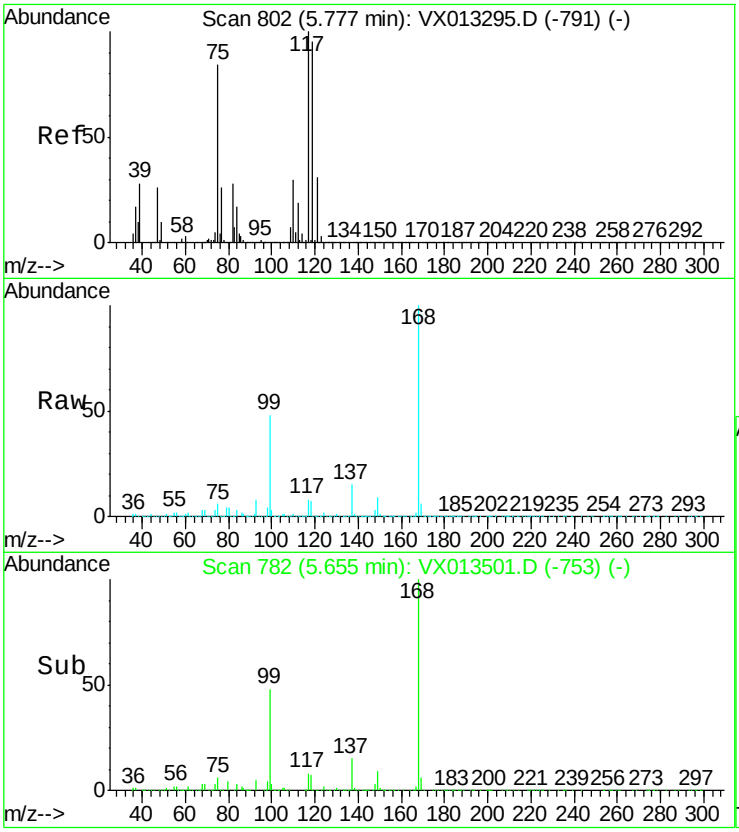


#37
Ethyl Acetate
Concen: 9.785 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.16 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 118470

Ion	Ratio	Lower	Upper
43	100		
61	0.2	10.7	16.1#
70	0.4	8.7	13.1#

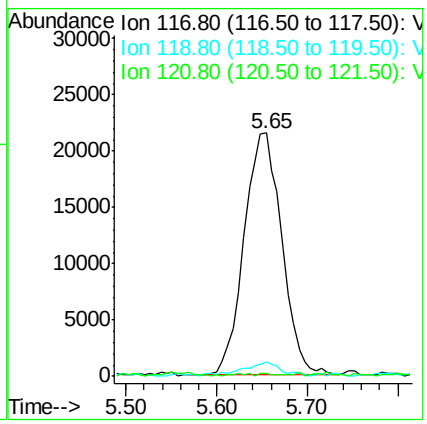


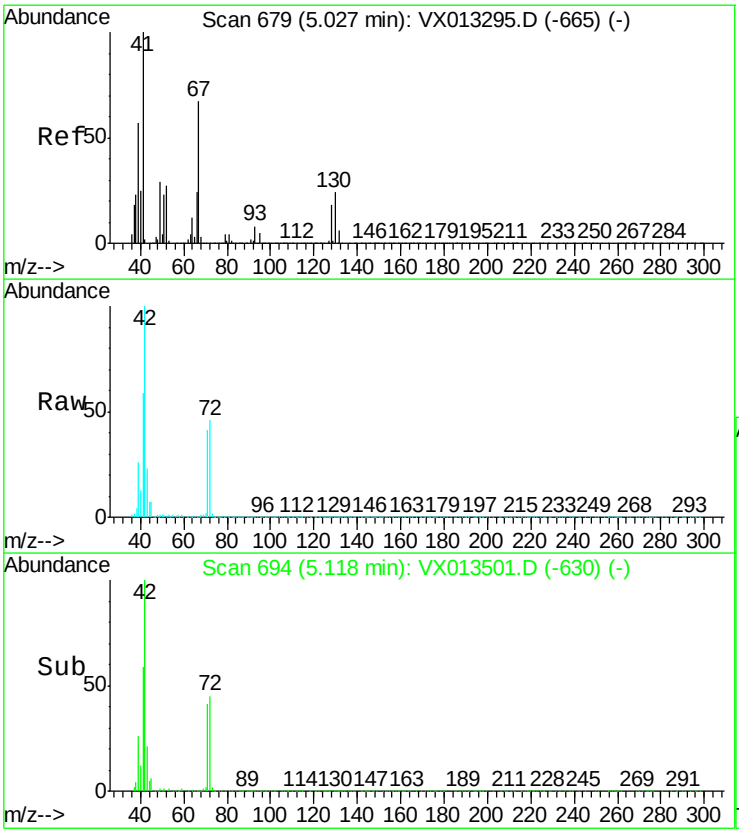


#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:117 Resp: 61942

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.1	114.1#
121	0.7	24.6	37.0#

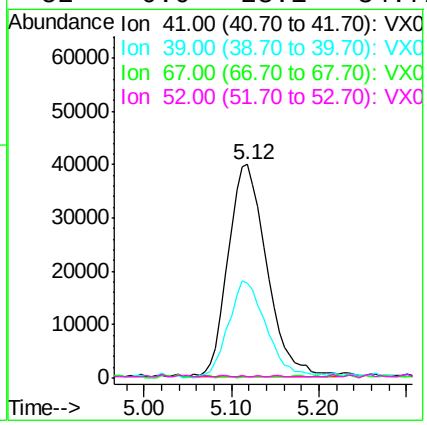


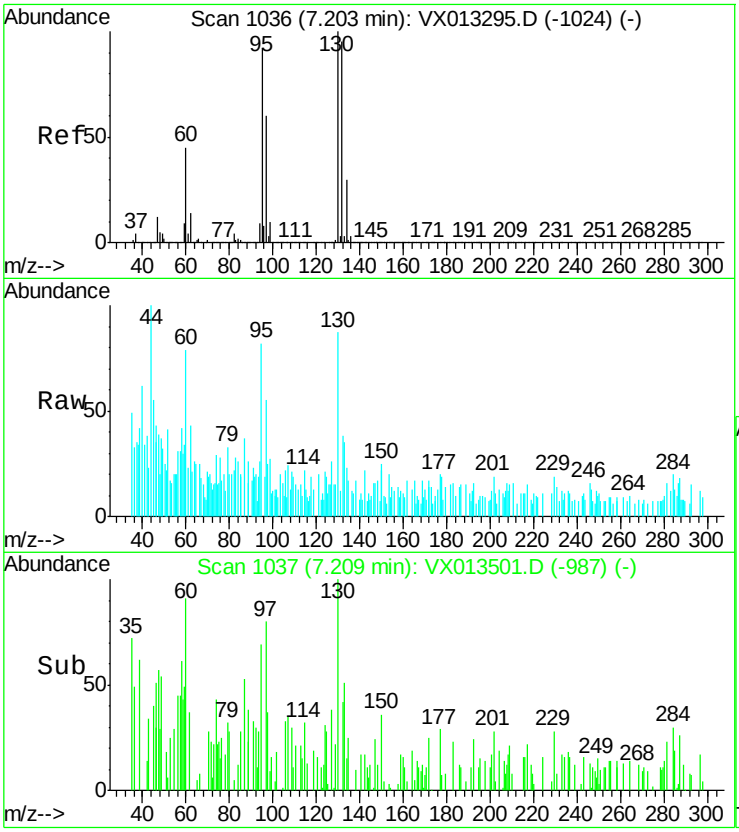


#41
Methacrylonitrile
Concen: 18.097 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.09 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 41 Resp: 122811

Ion	Ratio	Lower	Upper
41	100		
39	45.5	45.0	67.6
67	0.3	55.4	83.2#
52	0.0	23.1	34.7#

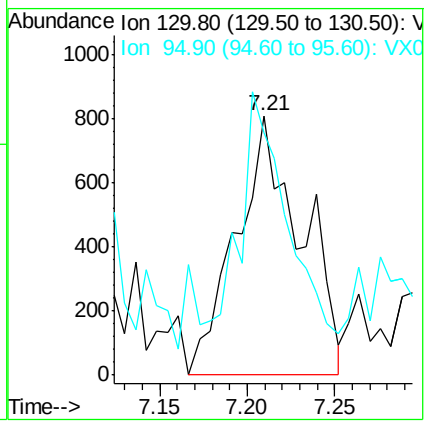


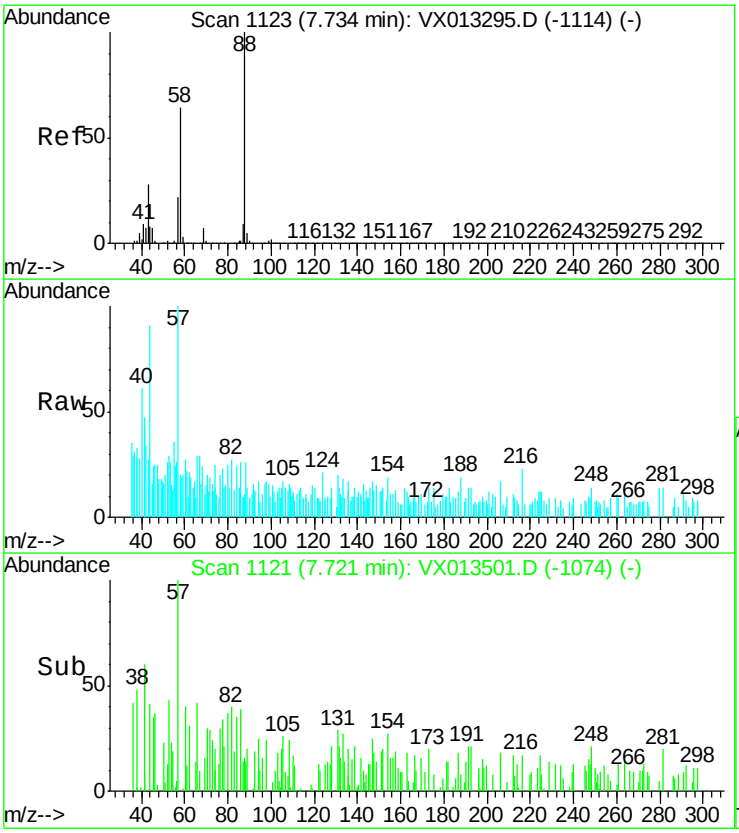


#44
Trichloroethene
Concen: 0.250 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:130 Resp: 2102

Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	184.8

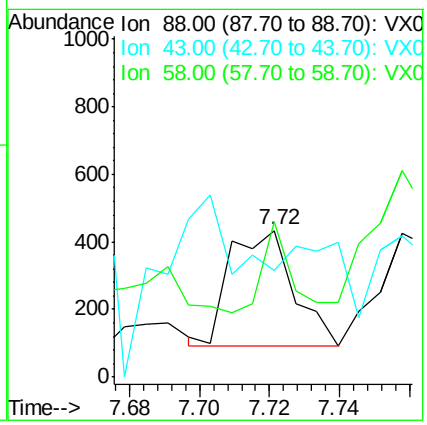


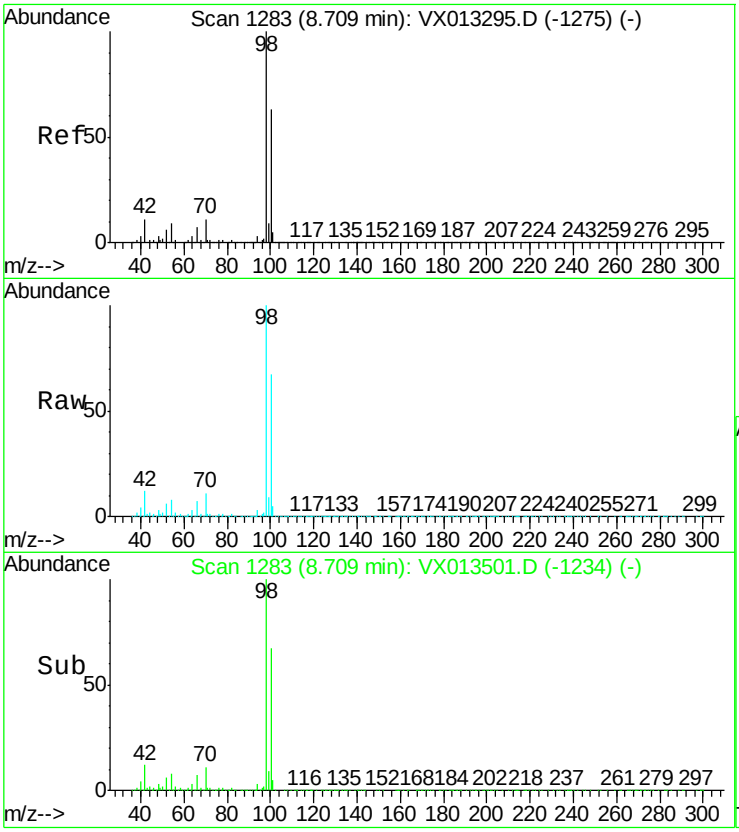


#49
1,4-Dioxane
Concen: 1.986 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 88 Resp: 428

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	33.4	55.0	82.6#

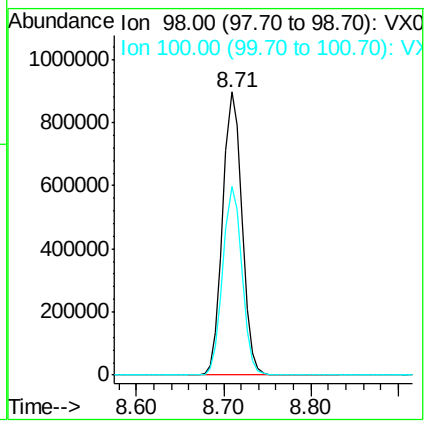


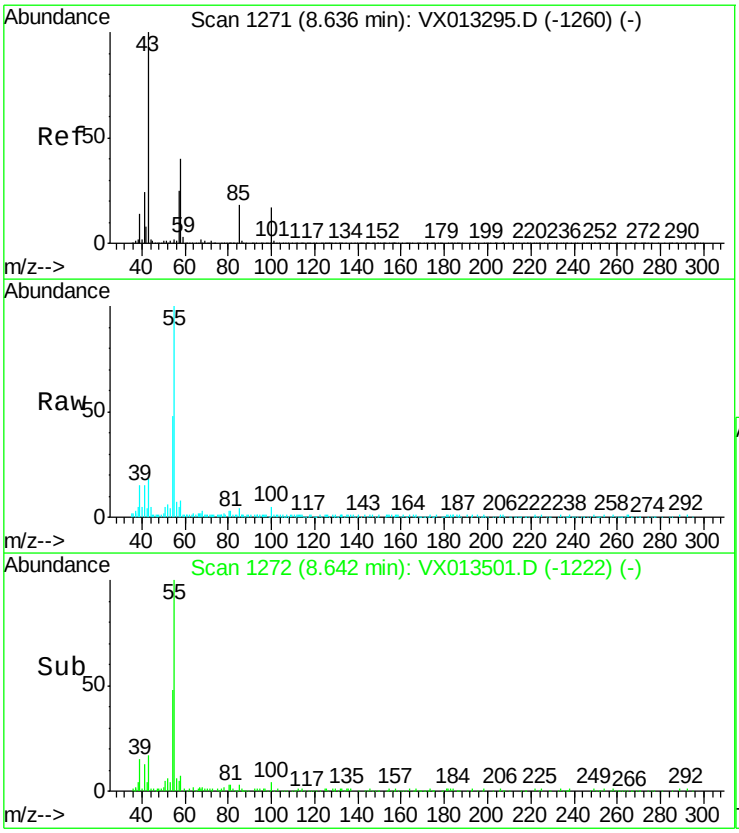


#50
Toluene-d8
Concen: 50.828 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 98 Resp: 1372683

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2

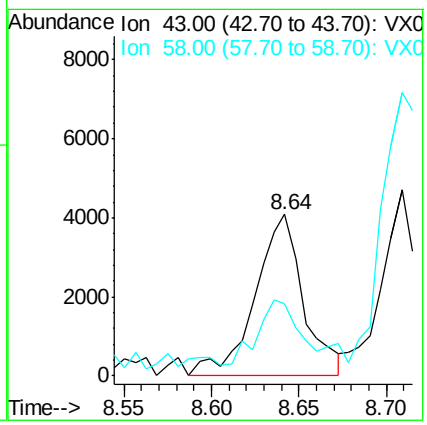


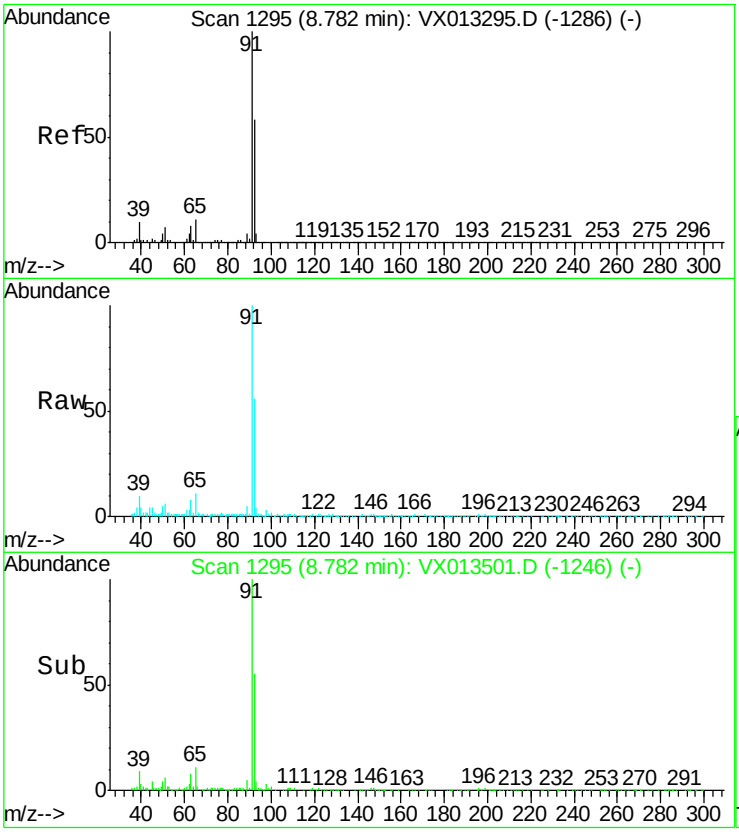


#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 43 Resp: 7853

Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.4	47.0

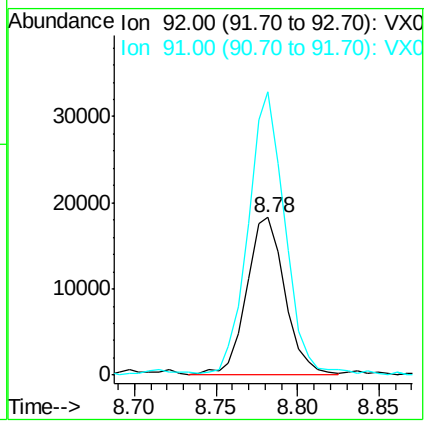


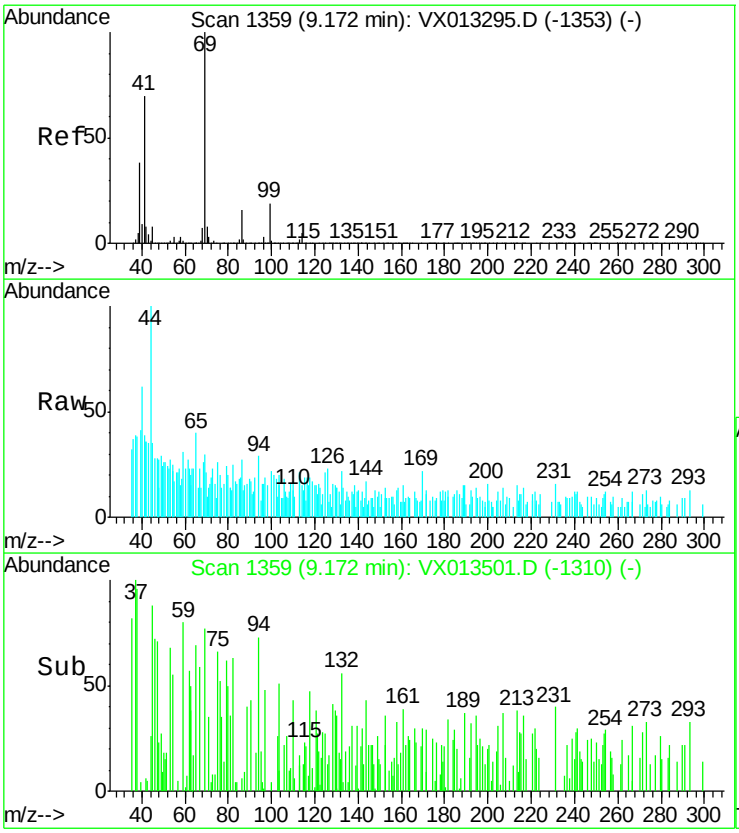


#52
Toluene
Concen: 1.581 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 92 Resp: 29907

Ion	Ratio	Lower	Upper
92	100		
91	171.1	138.0	207.0

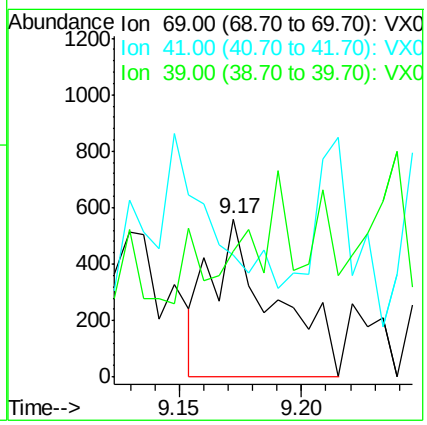


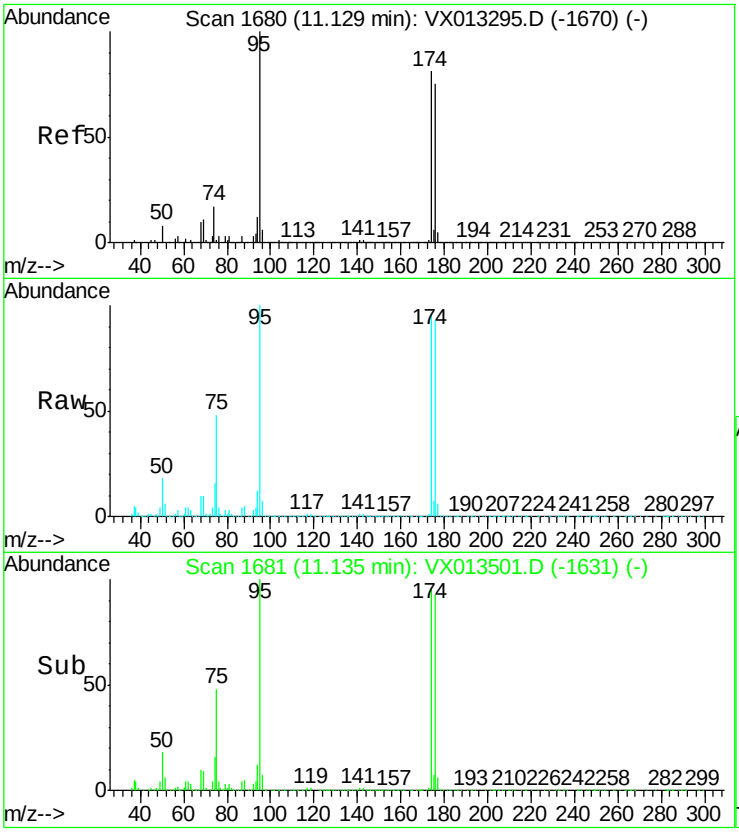


#56
Ethyl methacrylate
Concen: 1.636 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 69 Resp: 1008

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.2	84.2#
39	90.8	31.1	46.7#

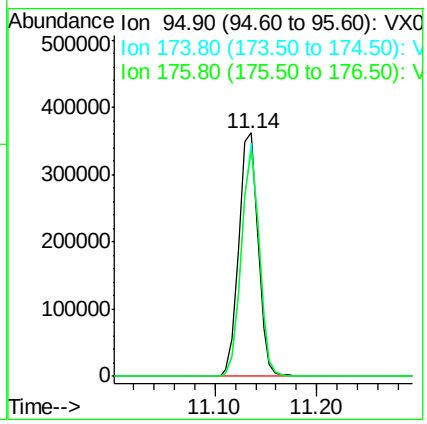


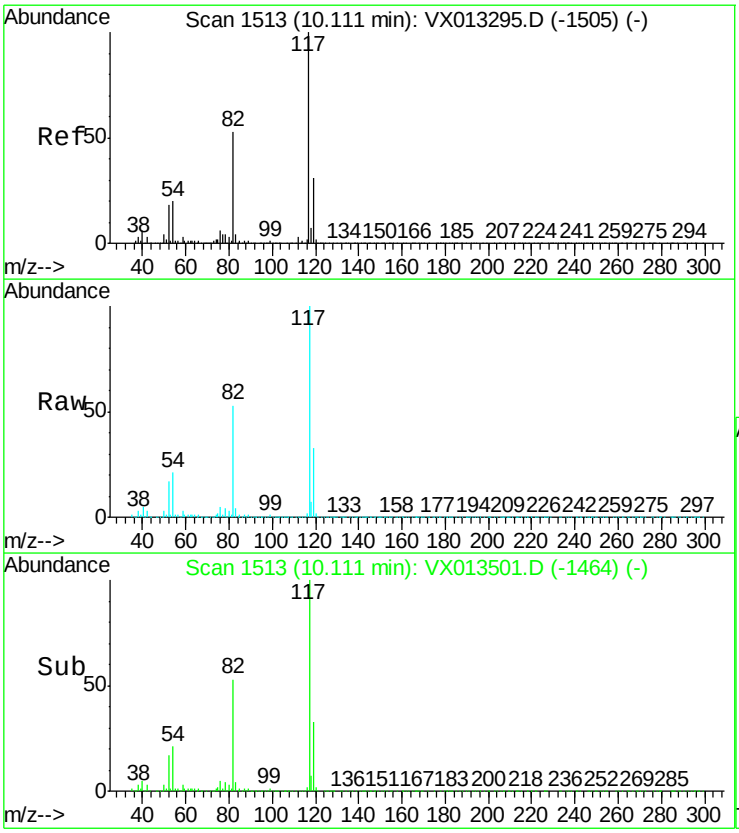


#62
4-Bromofluorobenzene
Concen: 47.918 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 95 Resp: 467049

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	179.8
176	87.7	0.0	173.0

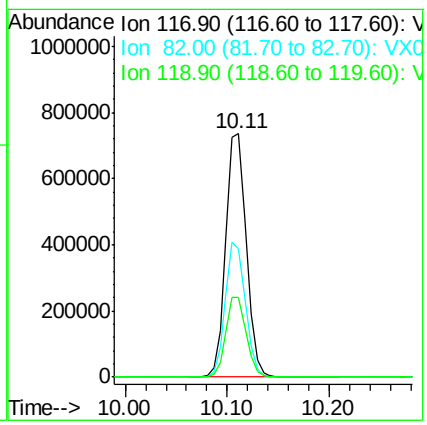


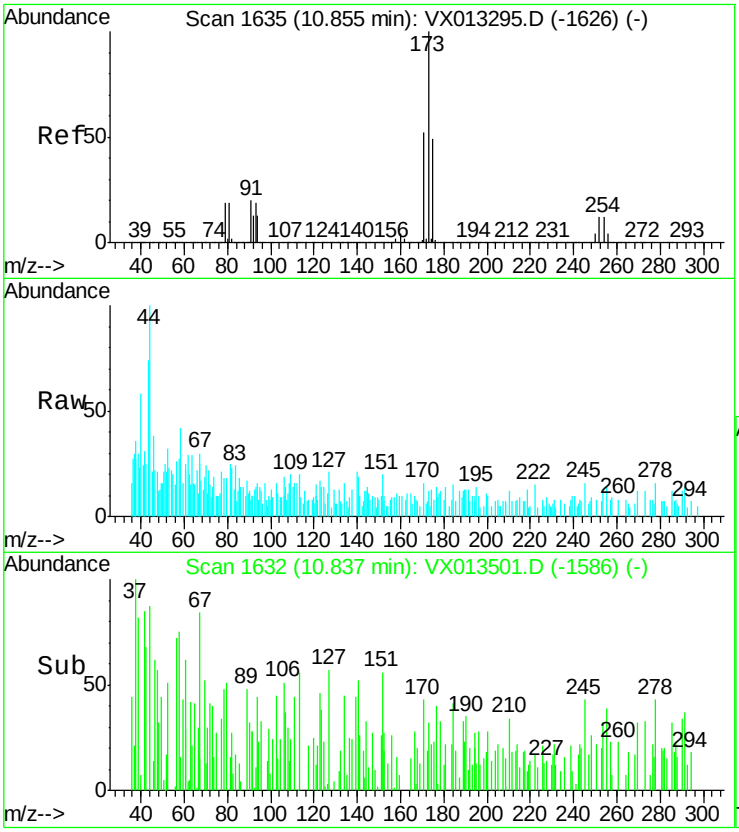


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:117 Resp: 1025618

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	64.0
119	32.8	24.8	37.2

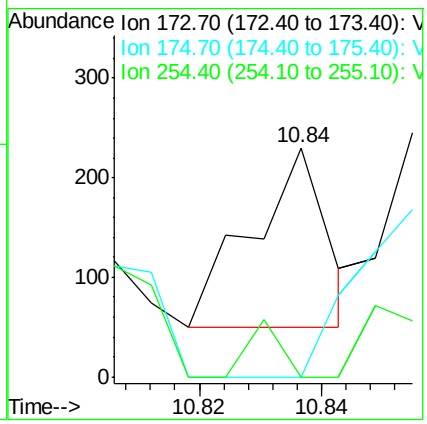


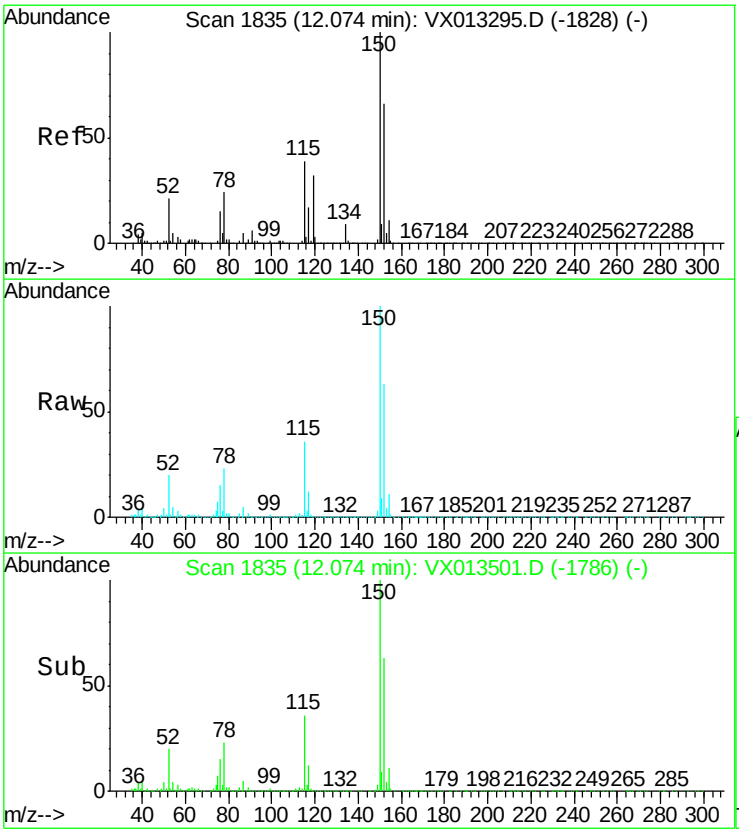


#71
Bromoform
Concen: 3.223 ug/l
RT: 10.84 min Scan# 1632
Delta R.T. -0.02 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:173 Resp: 154

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	13.6	0.2	0.2#

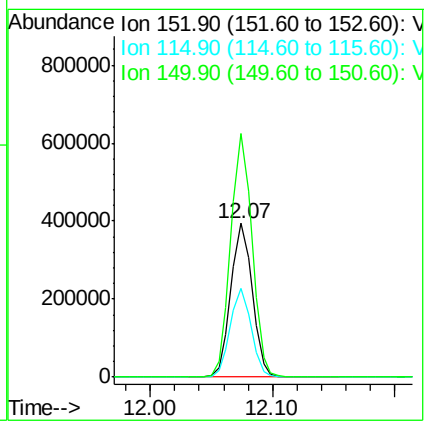


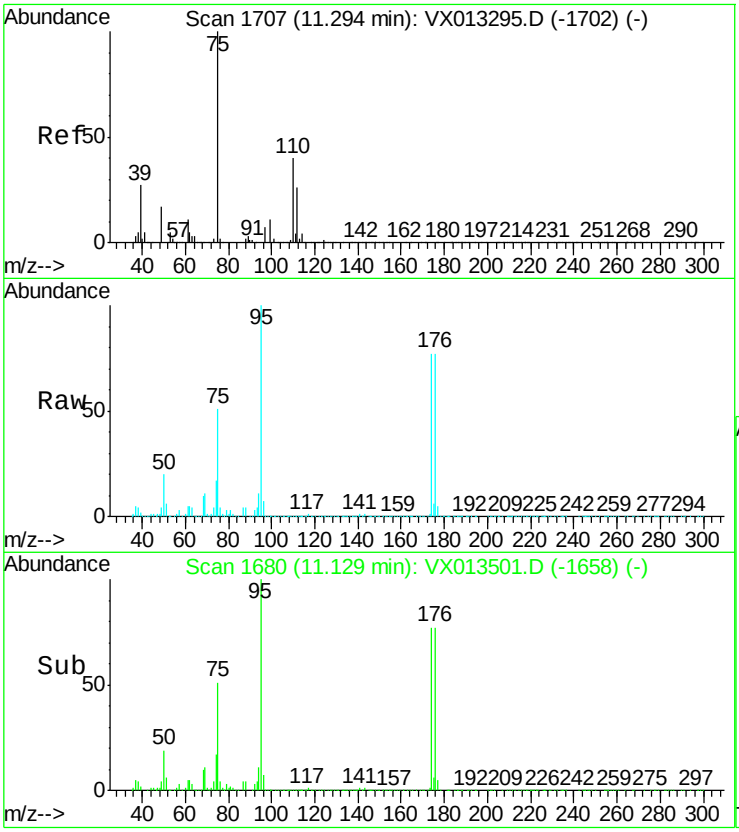


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:152 Resp: 473583

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.5	118.3
150	158.3	0.0	344.4

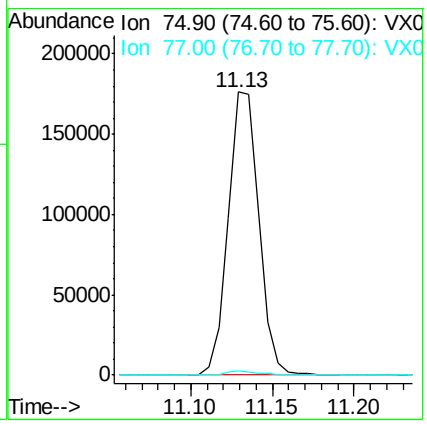


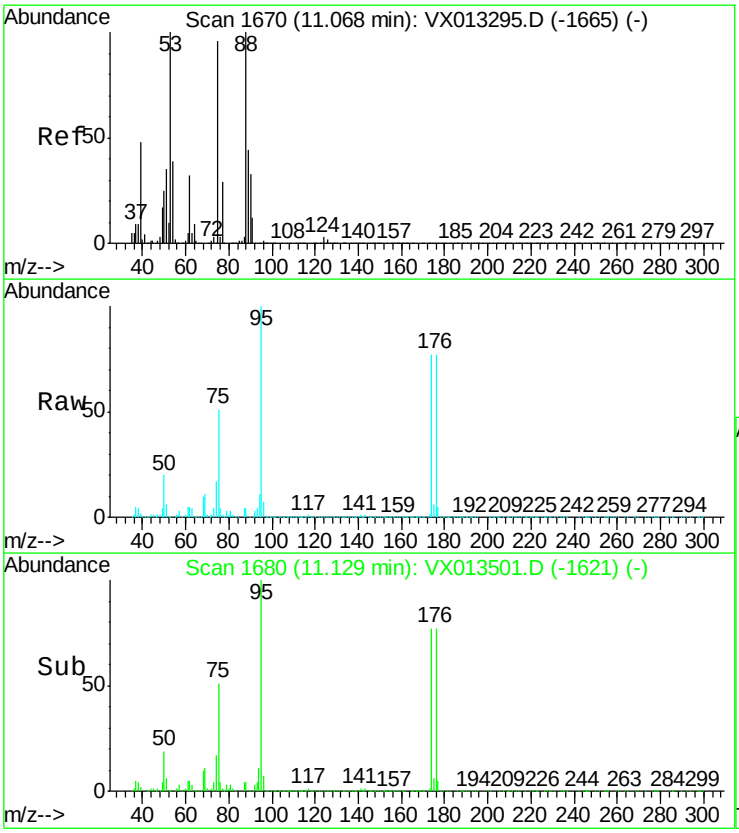


#76
1,2,3-Trichloropropane
Concen: 23.787 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 75 Resp: 228814

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.3	66.8#

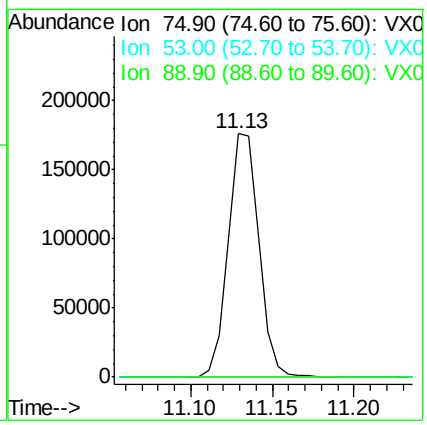


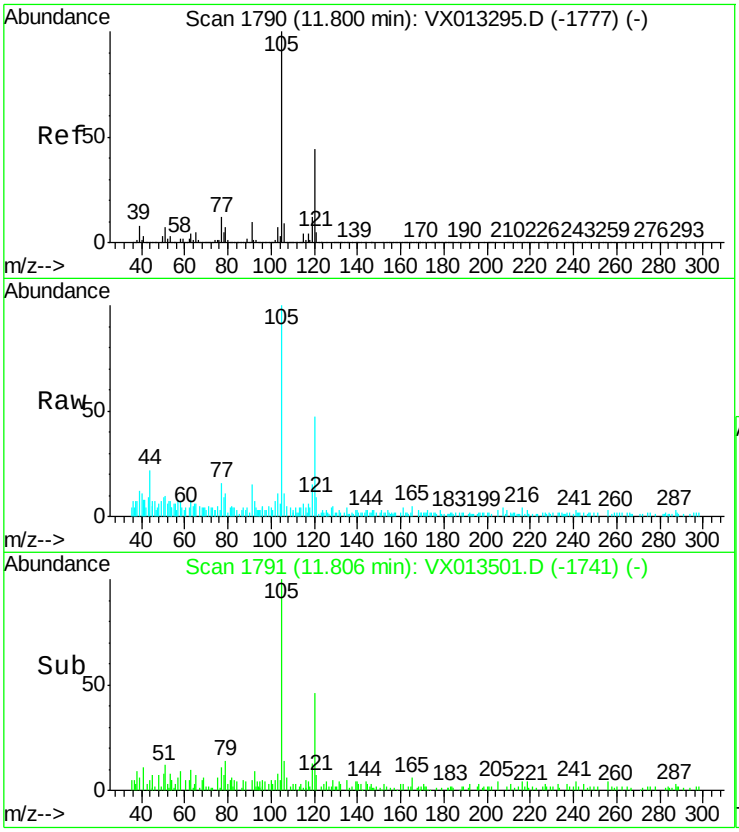


#81
trans-1,4-Dichloro-2-butene
Concen: 61.228 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 75 Resp: 228814

Ion	Ratio	Lower	Upper
75	100		
53	0.3	81.0	121.6#
89	0.0	36.0	54.0#

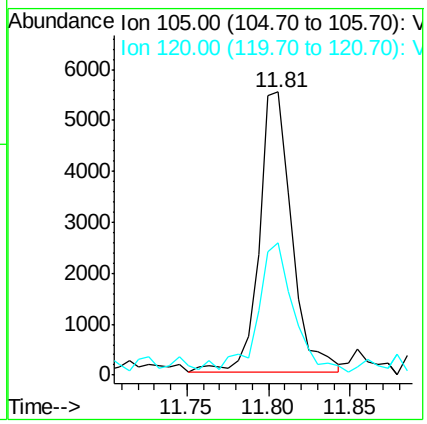


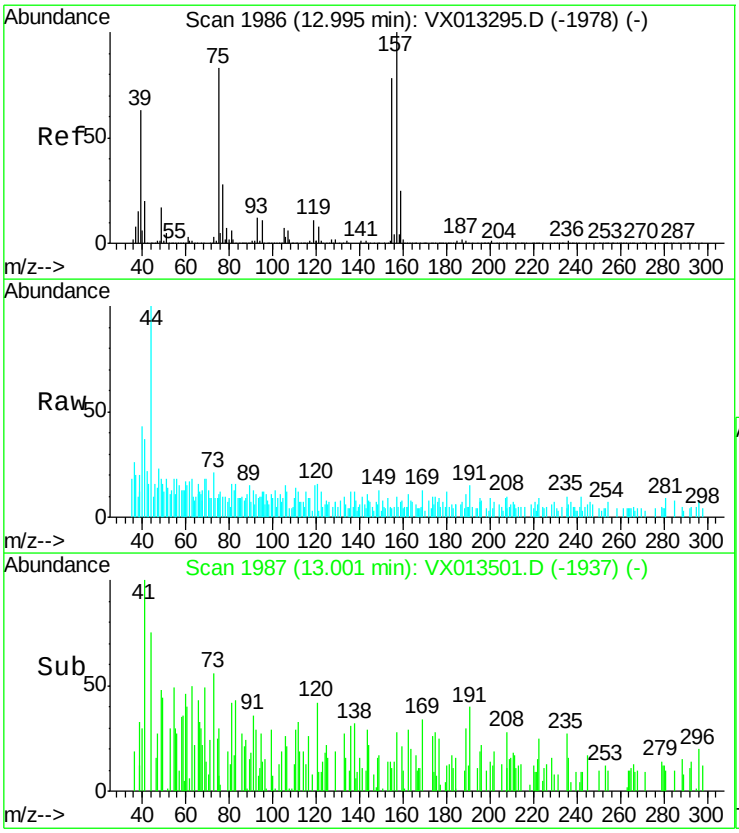


#84
1,2,4-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion:105 Resp: 7587

Ion	Ratio	Lower	Upper
105	100		
120	51.1	22.7	68.1





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.223 ug/l
RT: 13.00 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VX013501.D
Acq: 21 Nov 2019 14:27

Tgt Ion: 75 Resp: 622

Ion	Ratio	Lower	Upper
75	100		
155	80.2	47.1	141.4
157	67.0	61.3	183.8