Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022718\
Data File : VX000148.D
Acq On : 27 Feb 2018 17:09
Operator : JC/MD
Sample : J1674-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ClientSampleId :
SUMP

Quant Time: Feb 28 04:41:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	112046	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	183326	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	166865	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83775	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	71535	51.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.24%				
35) Dibromofluoromethane	5.51	113	54091	46.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.50%				
50) Toluene-d8	8.73	98	220138	48.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.46%				
62) 4-Bromofluorobenzene	11.15	95	78152	43.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.34%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	740	0.65	ug/l	#	63
5) Bromomethane	1.65	94	145	Below Cal		#	3
6) Chloroethane	1.75	64	395	0.47	ug/l	#	42
11) Tert butyl alcohol	3.08	59	942	1.75	ug/l	#	42
16) Acetone	2.46	43	3174	3.50	ug/l	#	81
17) Carbon Disulfide	2.57	76	1855	0.54	ug/l		98
18) Methyl Acetate	2.78	43	713	0.34	ug/l	#	76
20) Methylene Chloride	2.86	84	388	Below Cal		#	77
25) 2-Butanone	4.73	43	700	0.55	ug/l	#	48
29) Tetrahydrofuran	5.19	42	339	0.41	ug/l	#	30
31) Cyclohexane	5.57	56	405	0.23	ug/l		90
36) 1,1-Dichloropropene	5.68	75	9040	5.50	ug/l	#	44
38) Carbon Tetrachloride	5.67	117	11367	6.40	ug/l	#	17
40) Benzene	6.15	78	1547	0.33	ug/l		91
41) Methacrylonitrile	5.10	41	26	Below Cal		#	21
49) 1,4-Dioxane	7.70	88	47	1.12	ug/l	#	75
51) 4-Methyl-2-Pentanone	8.66	43	4383	1.84	ug/l		97
67) Ethyl Benzene	10.26	91	1845	0.31	ug/l		98
68) m/p-Xylenes	10.36	106	752	0.32	ug/l		92
76) 1,2,3-Trichloropropane	11.15	75	42776	24.65	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.15	75	42776	70.20	ug/l	#	12
90) Hexachloroethane	12.70	117	266	0.32	ug/l	#	8

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

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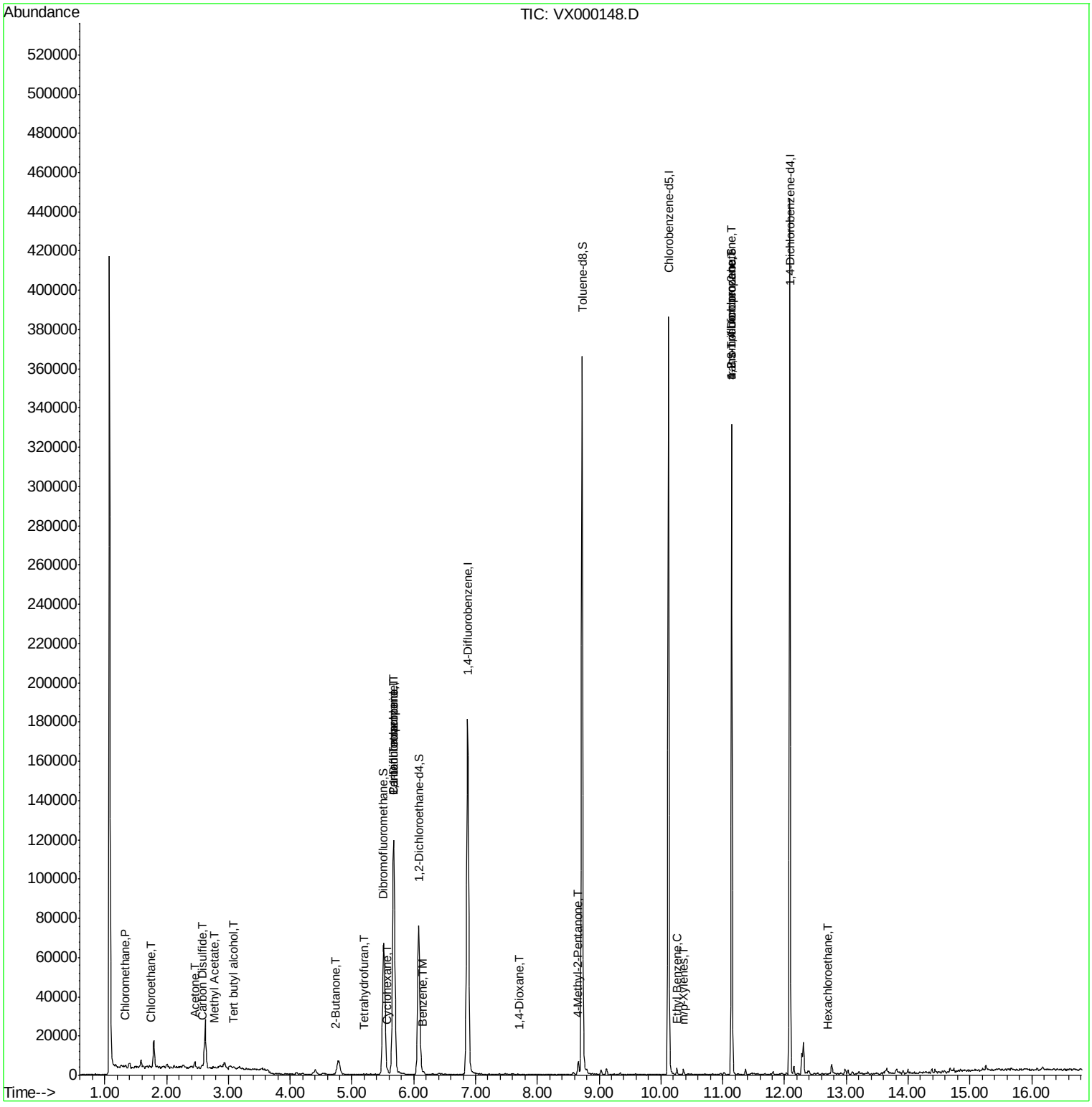
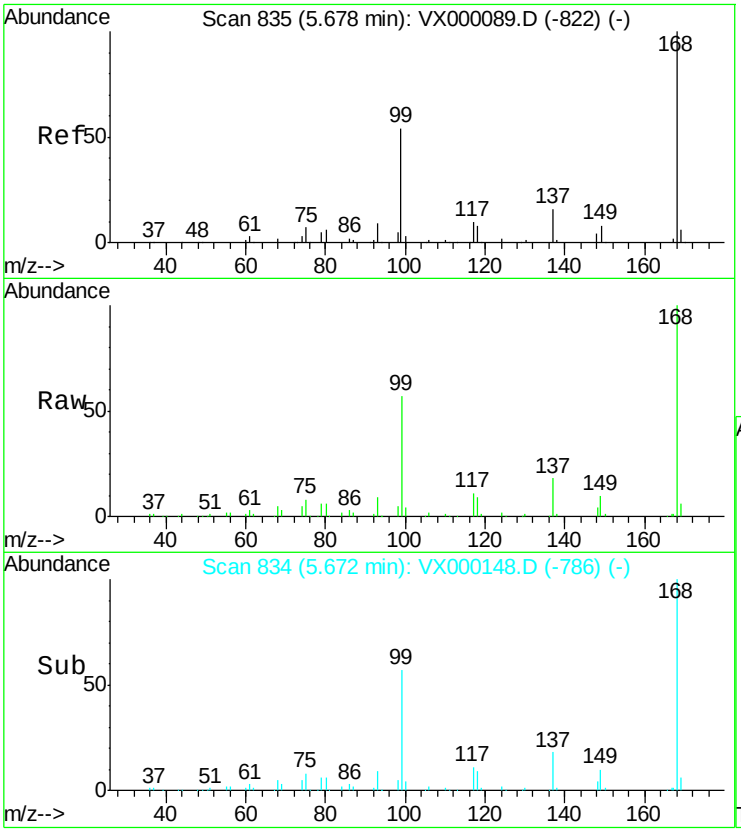
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ClientSampleId :
SUMP

Quant Time: Feb 28 04:41:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration



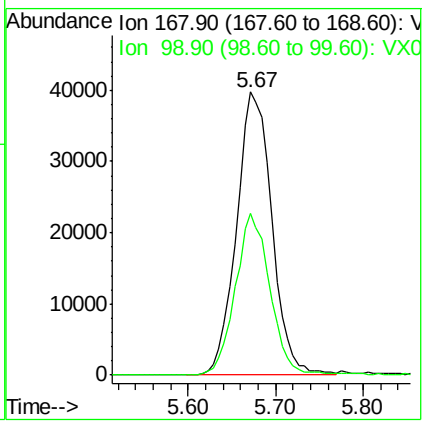


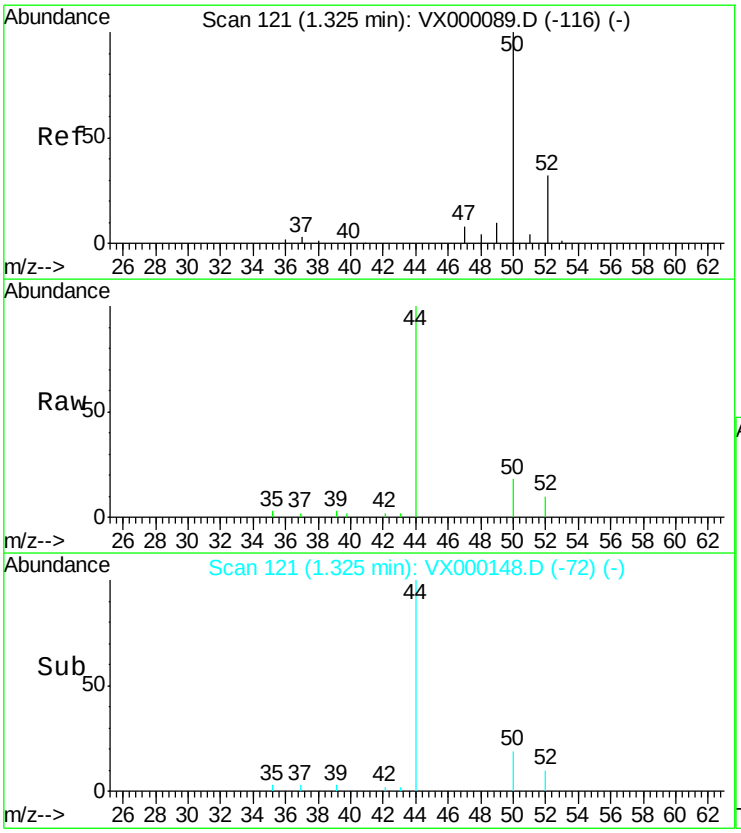
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion:168 Resp: 112046

Ion	Ratio	Lower	Upper
168	100		
99	57.2	43.1	64.7

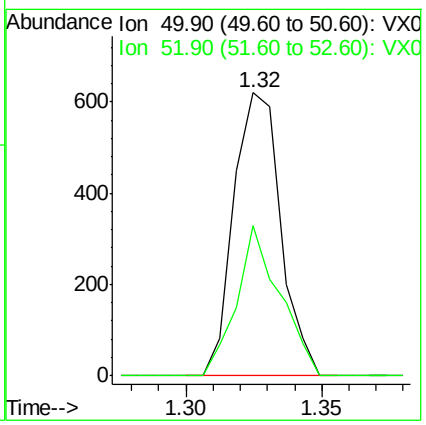


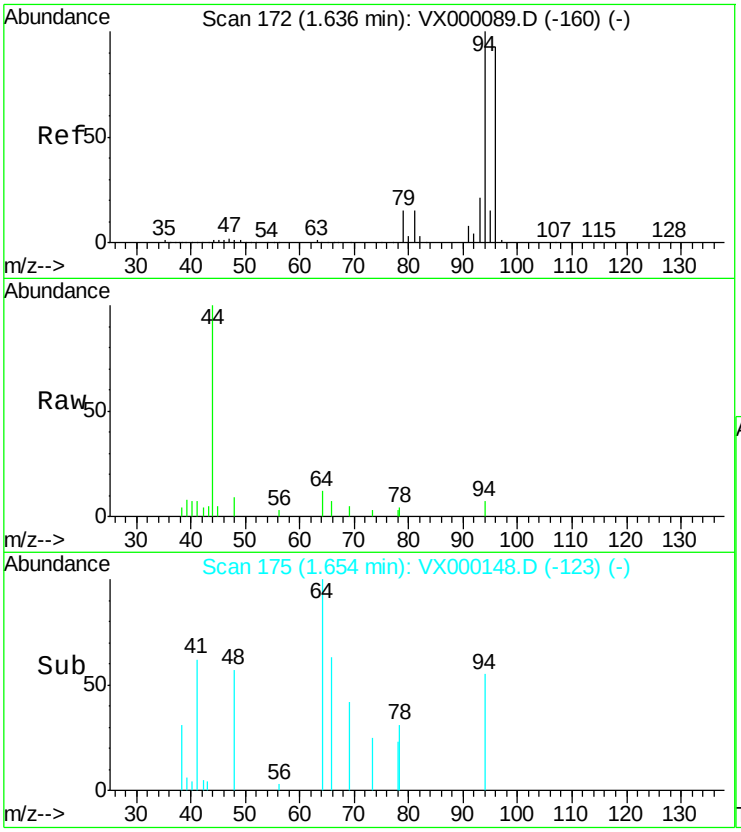


#3
Chloromethane
Concen: 0.65 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 50 Resp: 740

Ion	Ratio	Lower	Upper
50	100		
52	53.1	25.9	38.9#



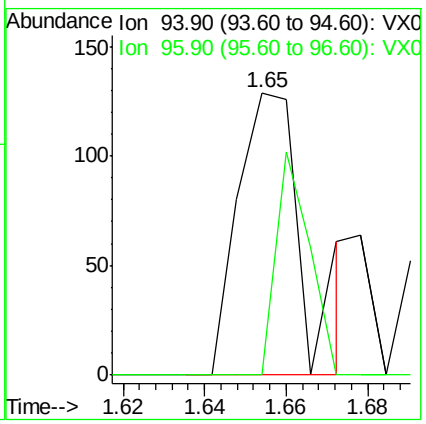


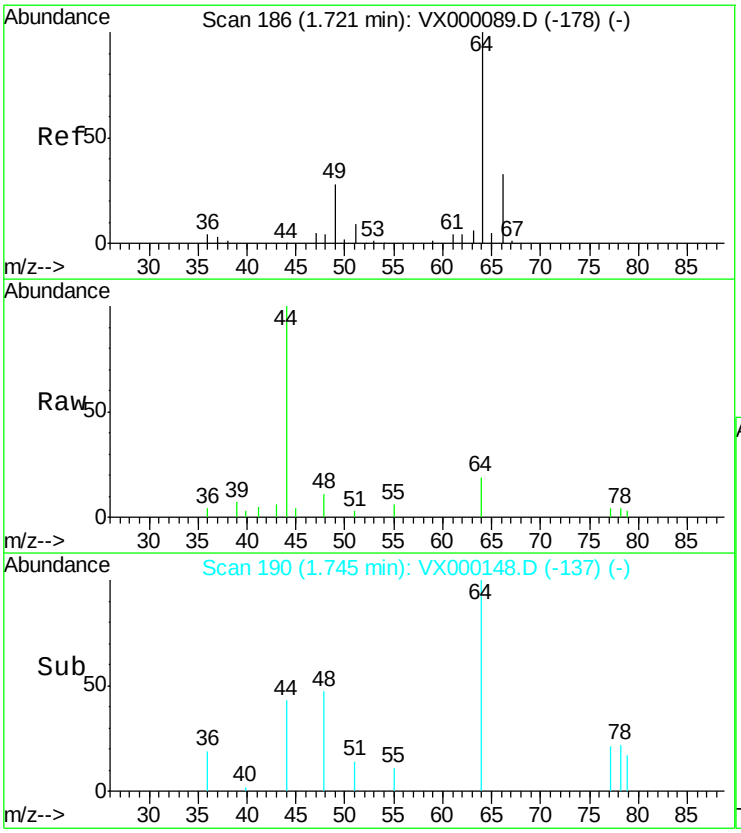
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 94 Resp: 145

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.6	112.0#

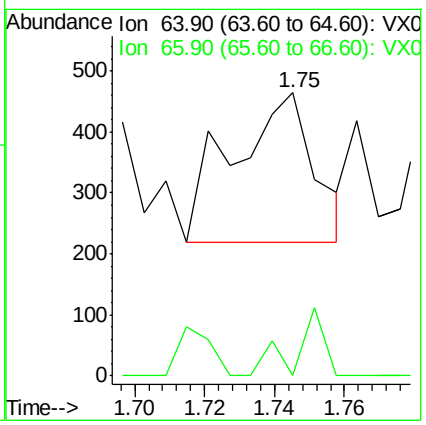


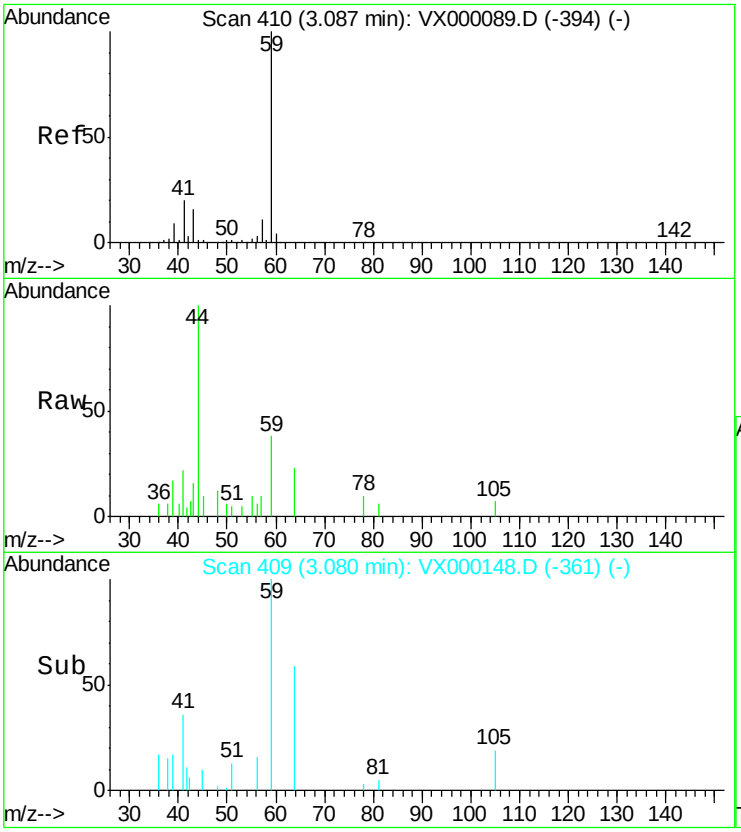


#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.75 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 64 Resp: 395

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.0	39.0#



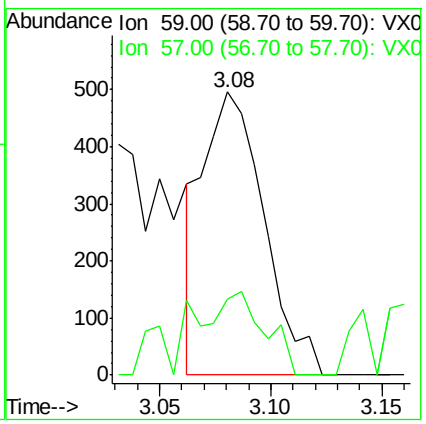


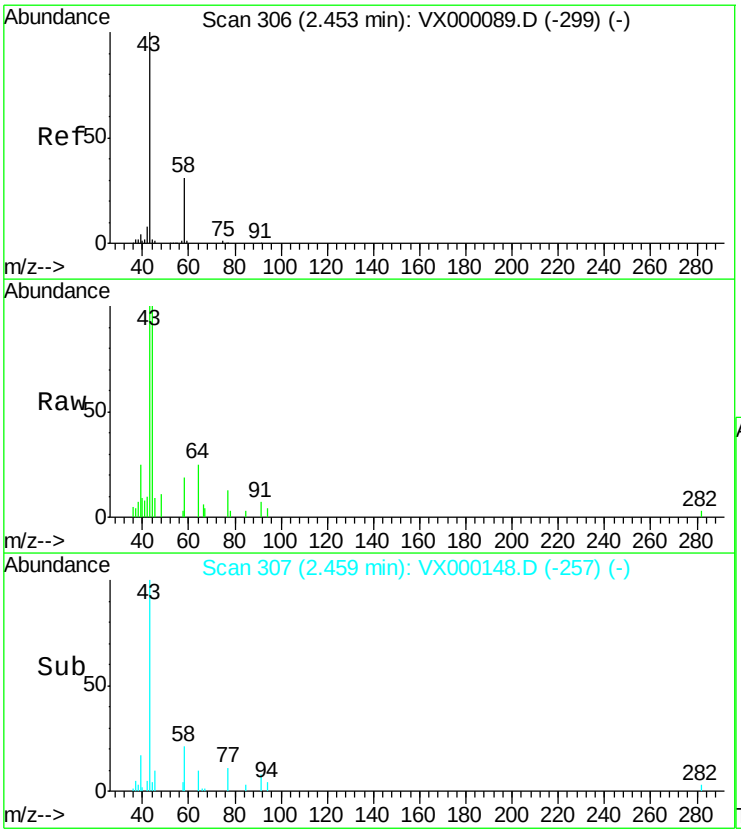
#11
Tert butyl alcohol
Concen: 1.75 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 59 Resp: 942

Ion	Ratio	Lower	Upper
59	100		
57	32.3	8.3	12.5#

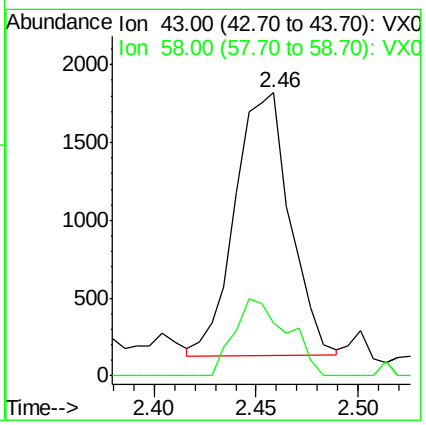


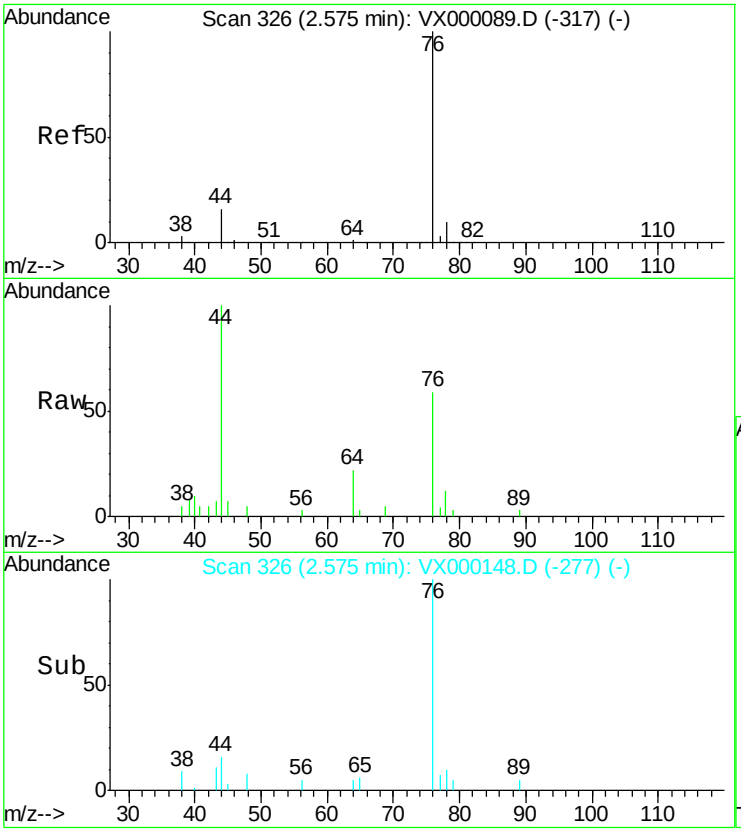


#16
Acetone
Concen: 3.50 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 43 Resp: 3174

Ion	Ratio	Lower	Upper
43	100		
58	20.7	25.0	37.4#



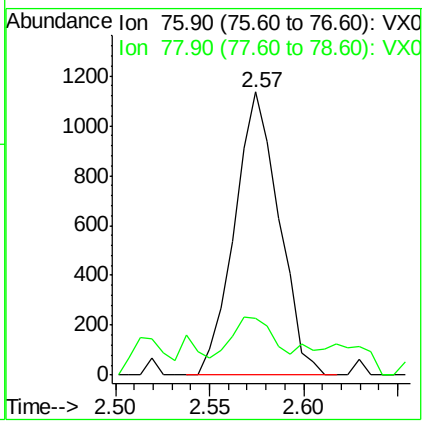


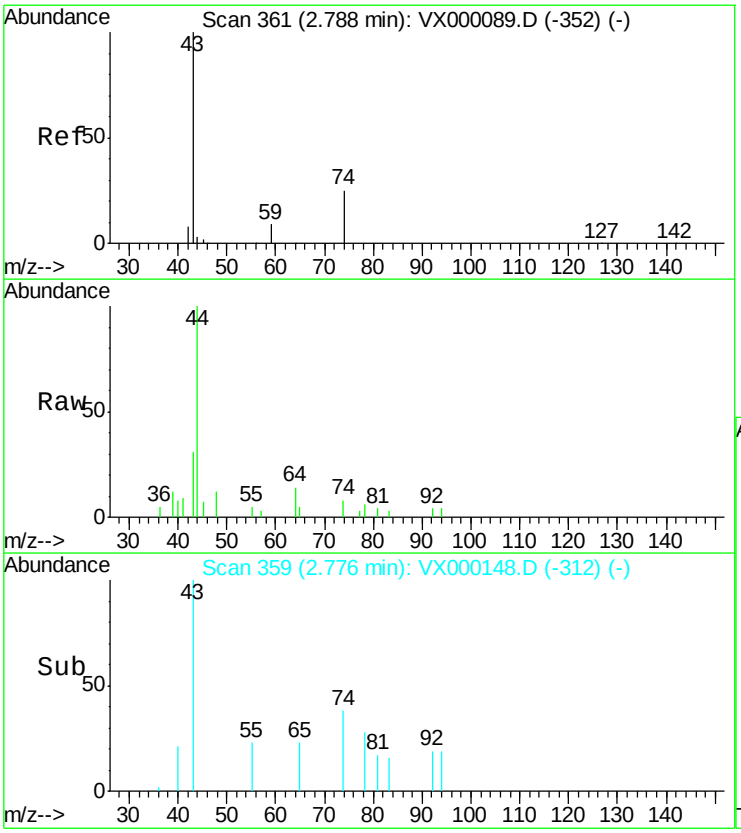
#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 76 Resp: 1855

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.8	11.8

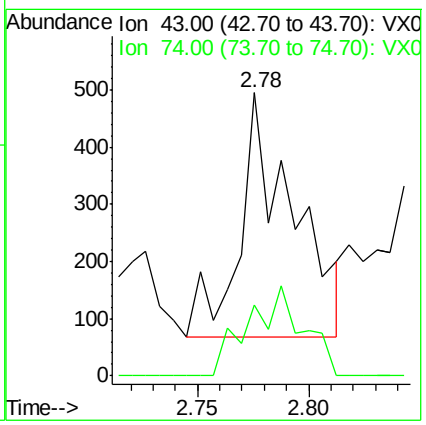


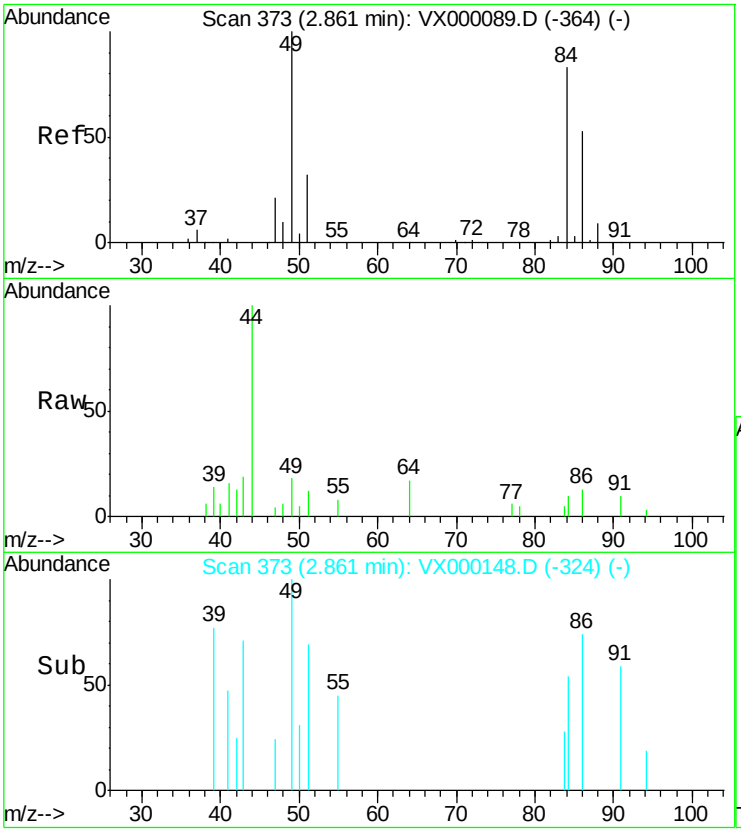


#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
74	37.4	20.2	30.4#



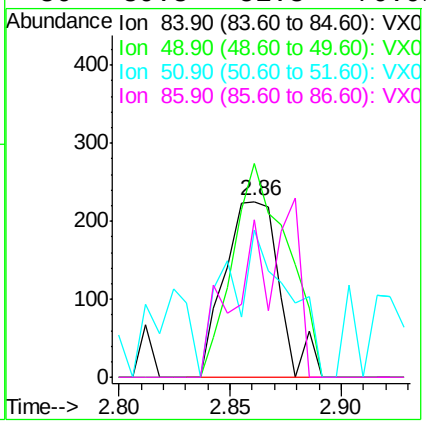


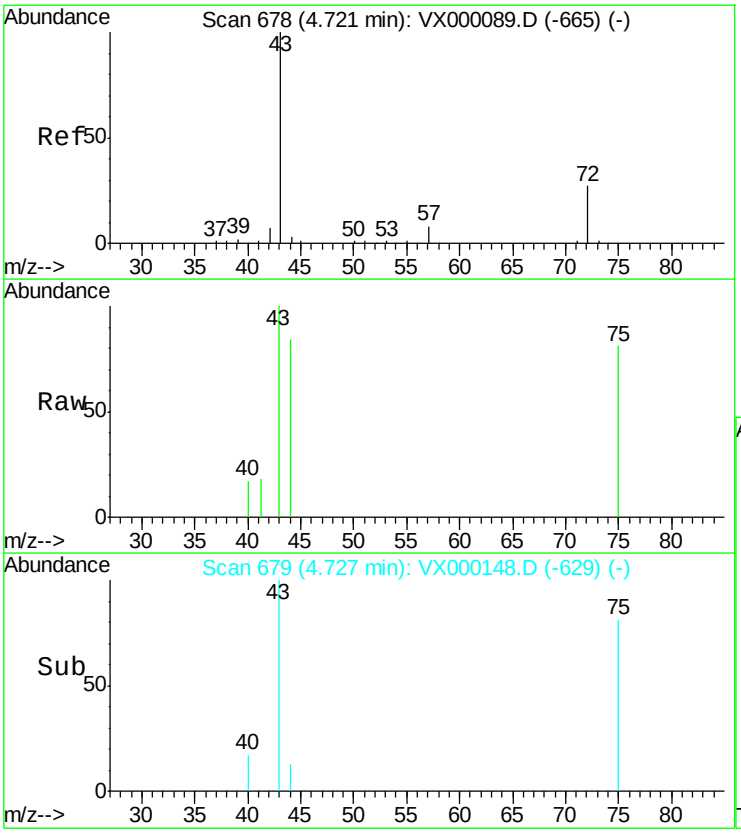
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 84 Resp: 388

Ion	Ratio	Lower	Upper
84	100		
49	121.8	96.1	144.1
51	84.0	30.5	45.7#
86	89.8	51.3	76.9#

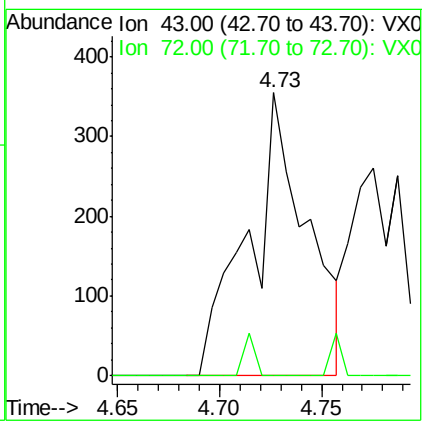


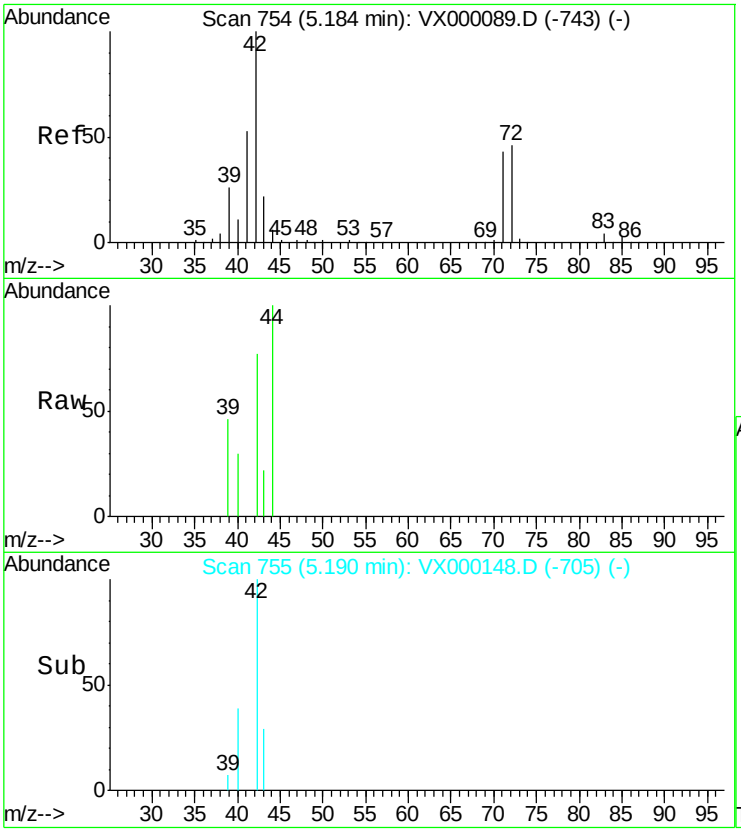


#25
2-Butanone
Concen: 0.55 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 43 Resp: 700

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#



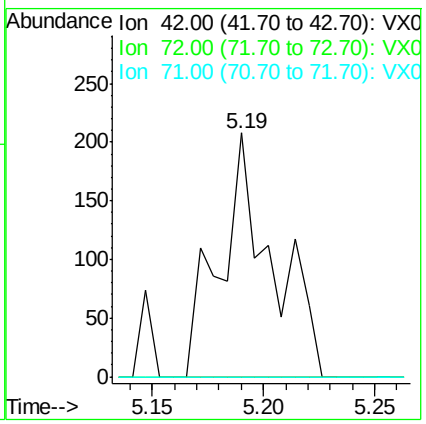


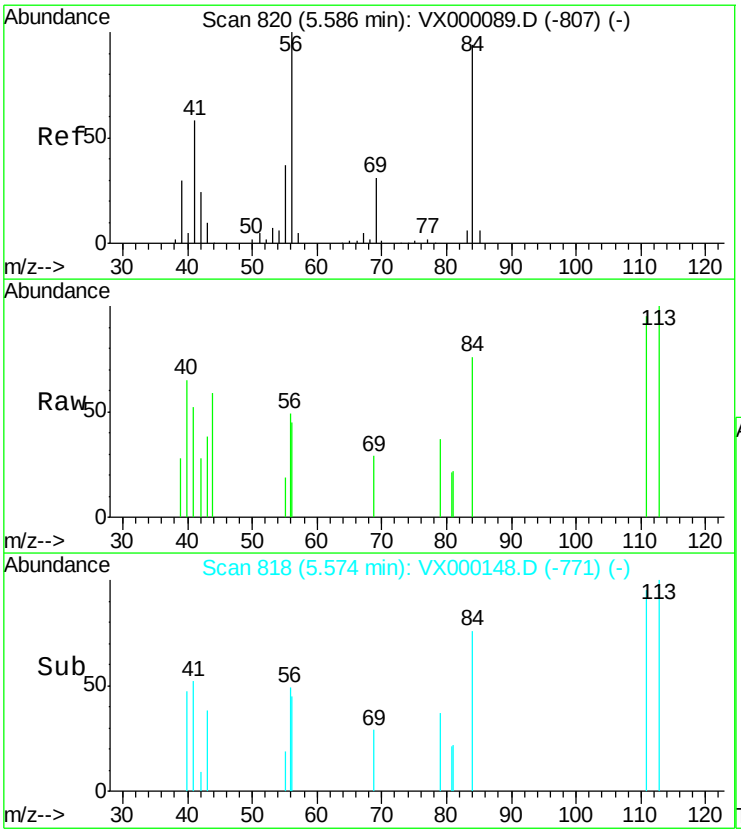
#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.6	58.0#
71	0.0	36.2	54.4#

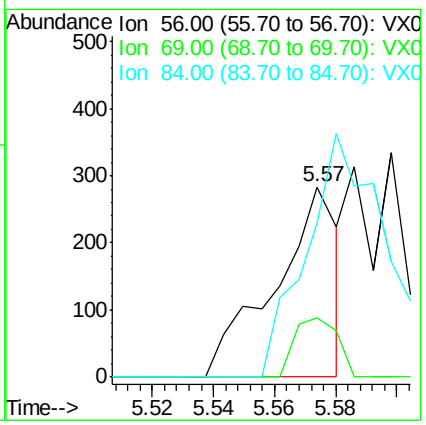


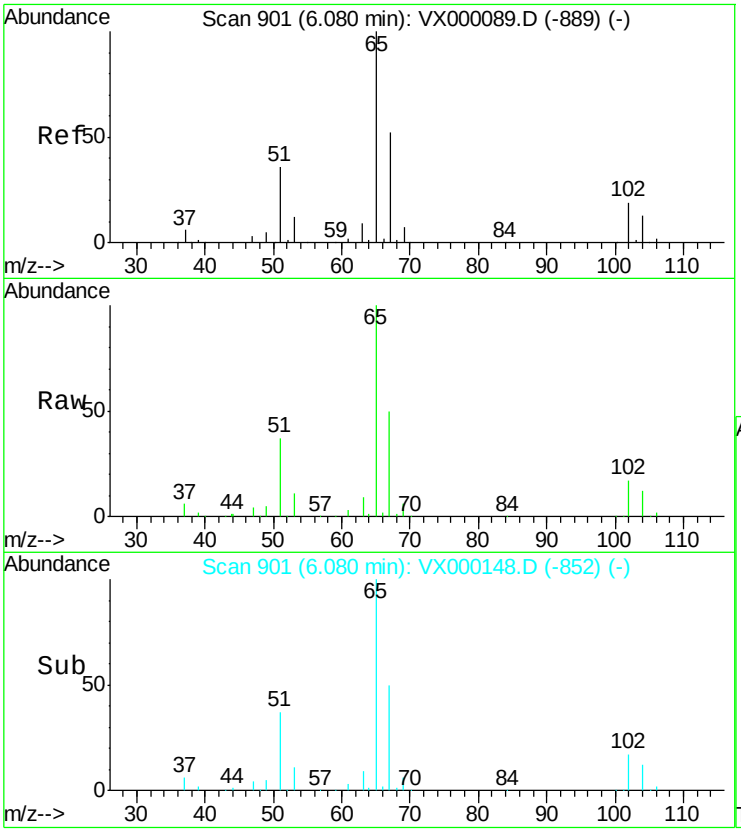


#31
Cyclohexane
Concen: 0.23 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 56 Resp: 405

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.9	37.3
84	81.3	75.0	112.4



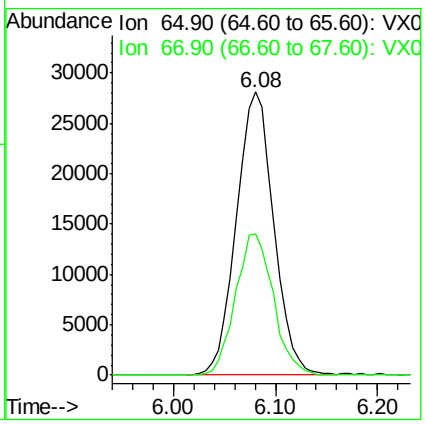


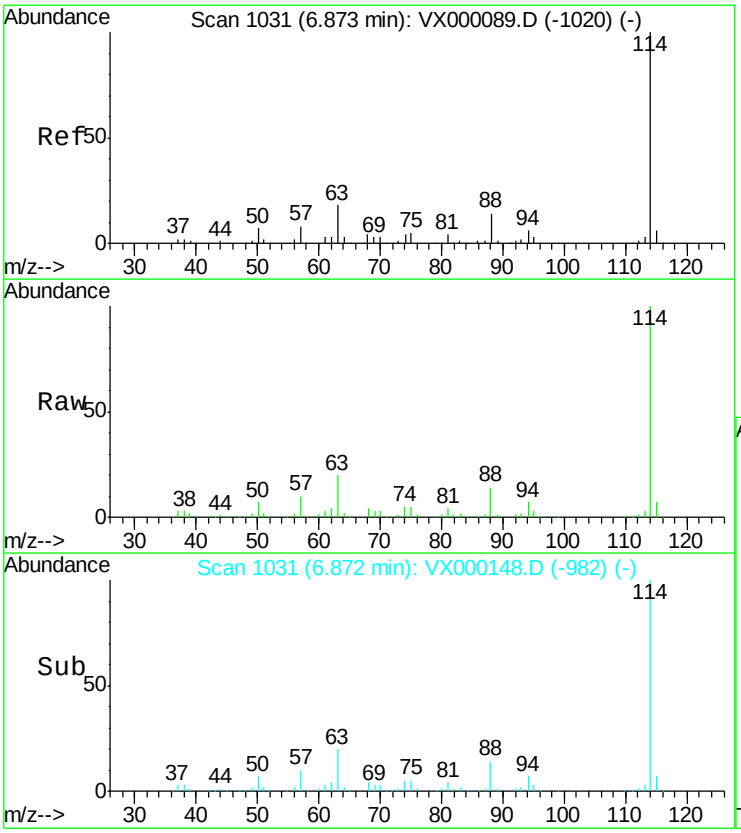
#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 65 Resp: 71535

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.8

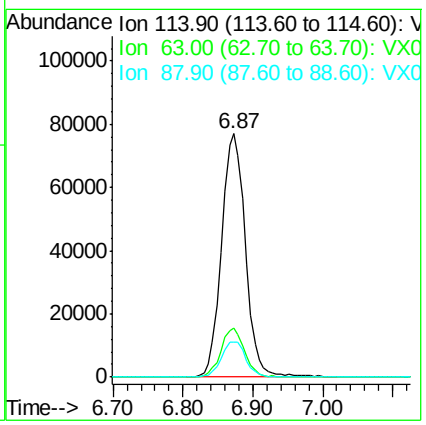


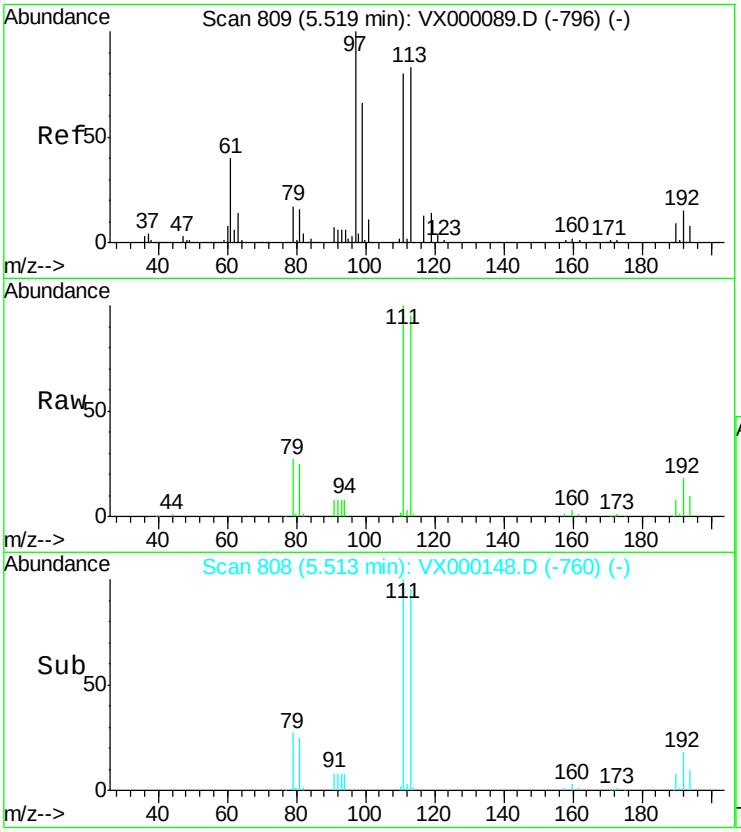


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion:114 Resp: 183326

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.4
88	14.4	0.0	29.0



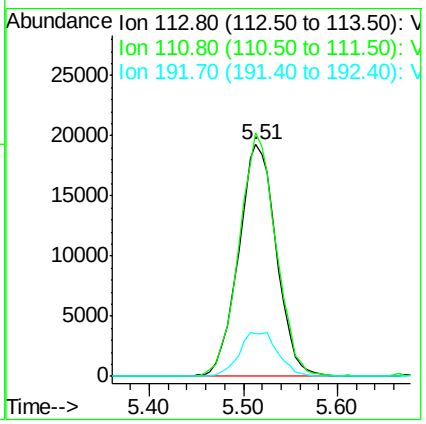


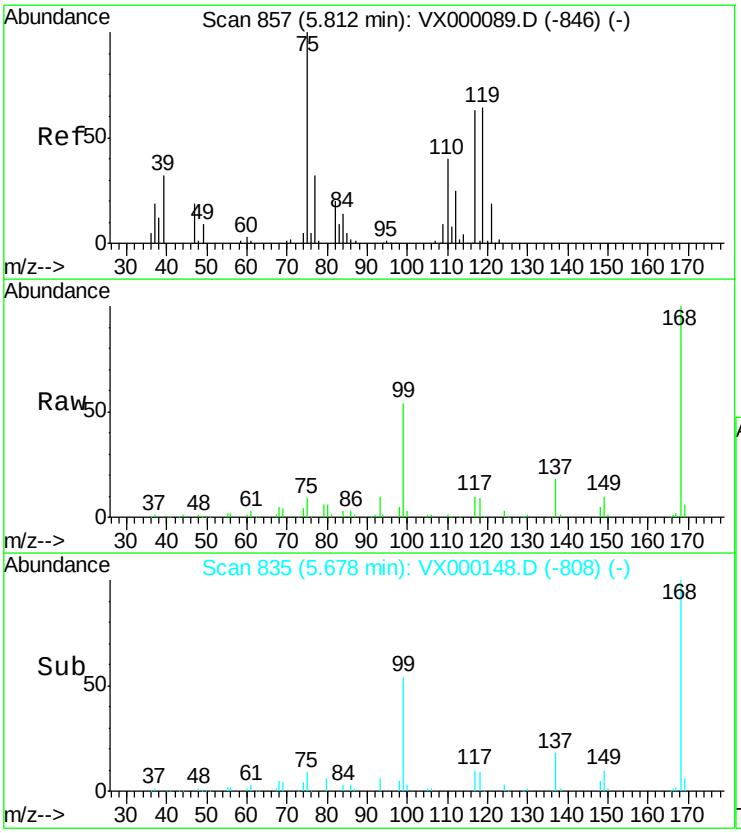
#35
Dibromofluoromethane
Concen: 46.75 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion:113 Resp: 54091

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	19.6	15.7	23.5

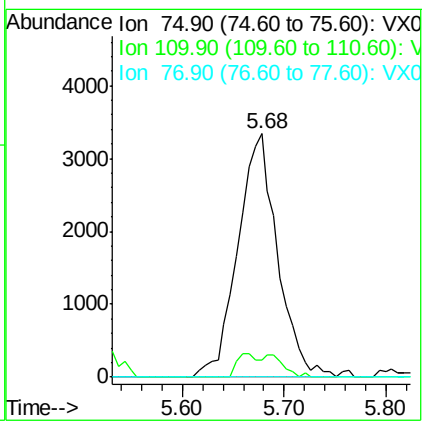


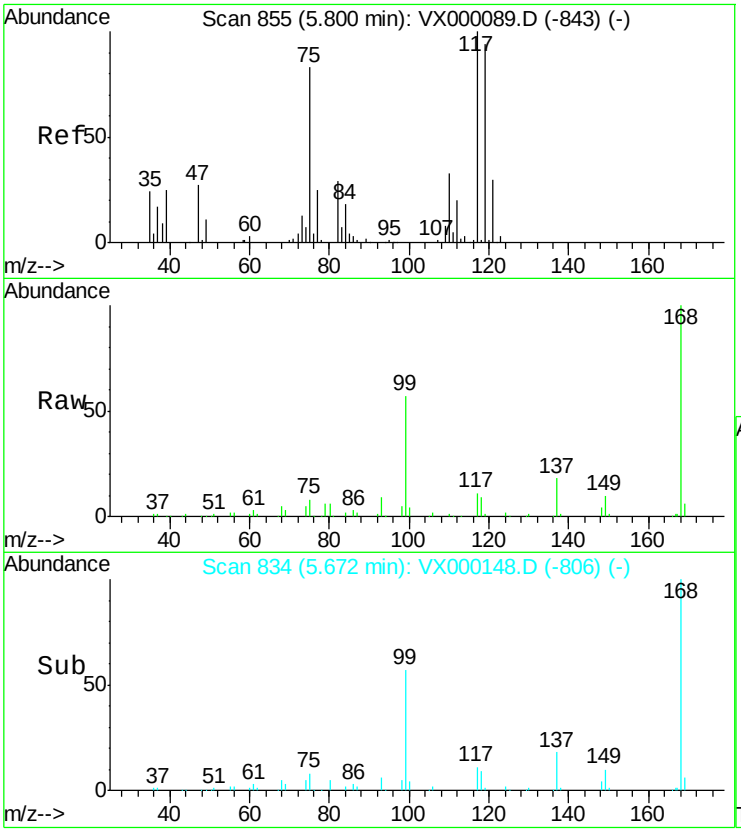


#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 75 Resp: 9040

Ion	Ratio	Lower	Upper
75	100		
110	4.4	19.5	58.5#
77	0.0	24.7	37.1#



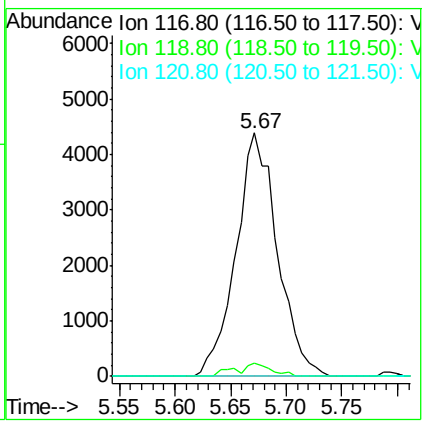


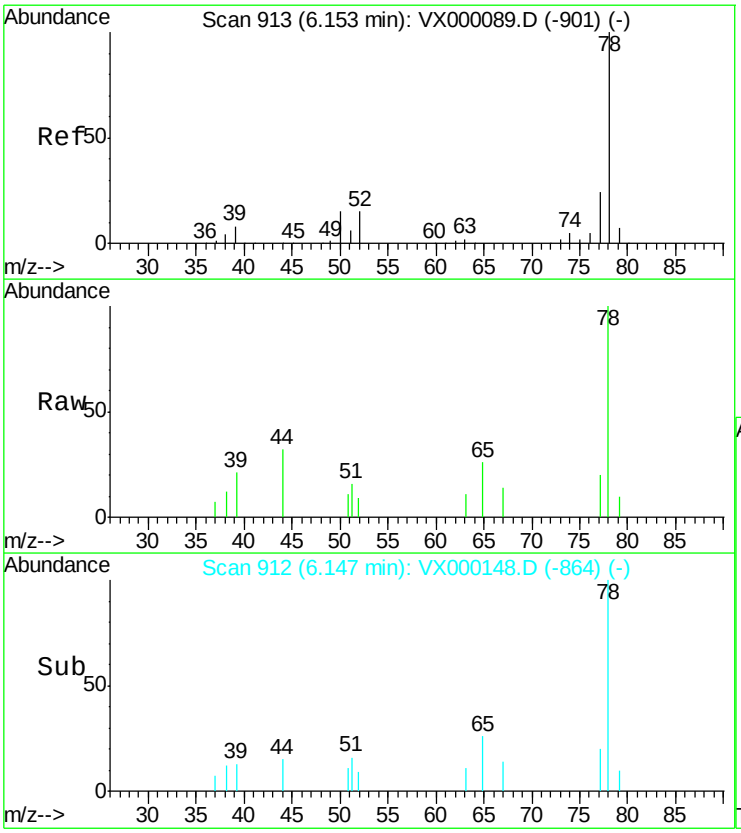
#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion:117 Resp: 11367

Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.3	112.9#
121	0.0	23.7	35.5#

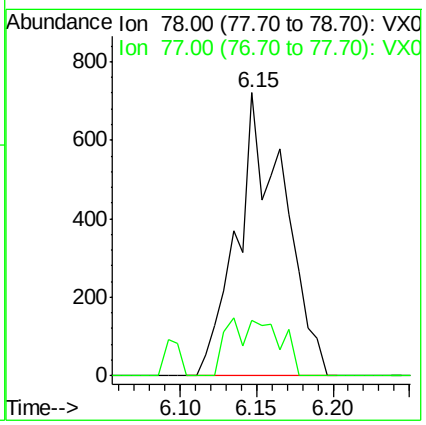


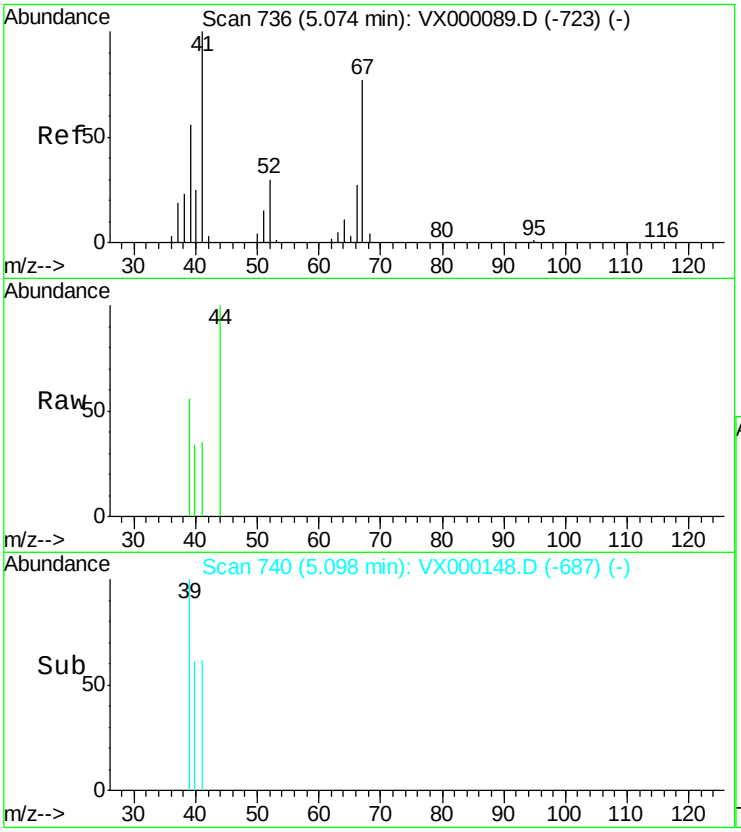


#40
Benzene
Concen: 0.33 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 78 Resp: 1547

Ion	Ratio	Lower	Upper
78	100		
77	19.7	19.4	29.0



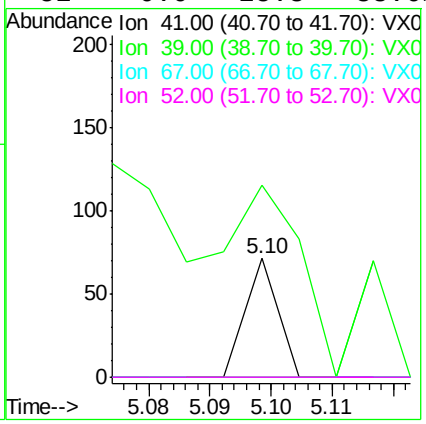


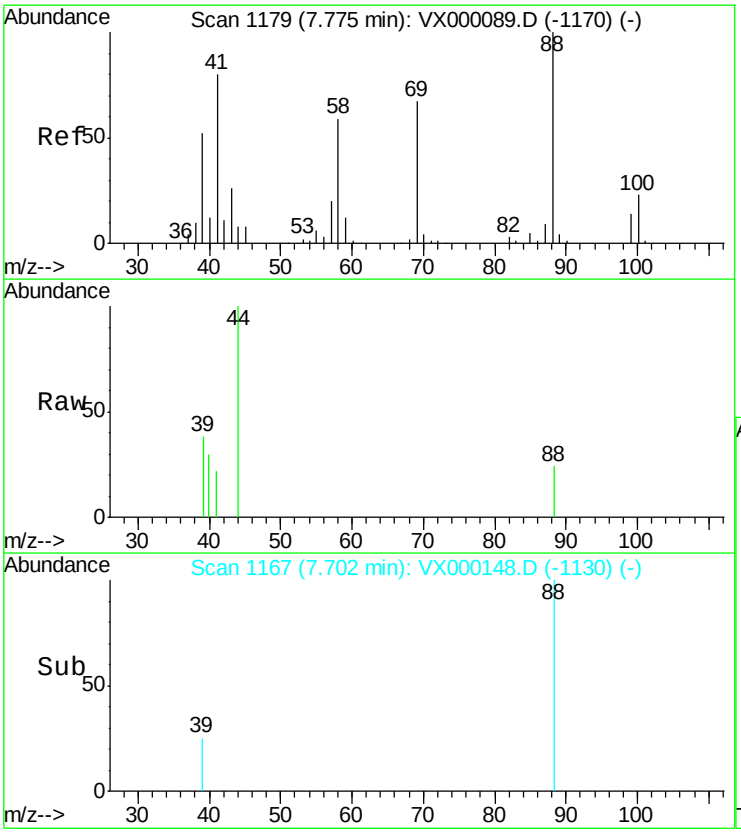
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.10 min Scan# 740
Delta R.T. 0.02 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 41 Resp: 26

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.1	67.7#
67	0.0	61.0	91.4#
52	0.0	25.8	38.6#

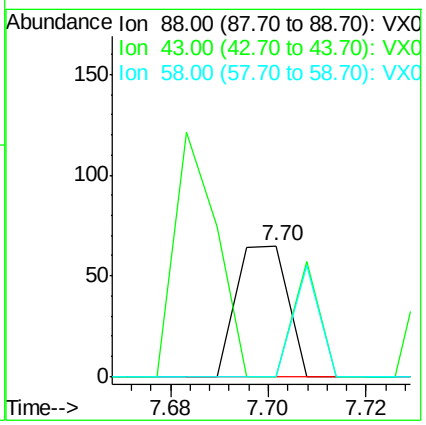


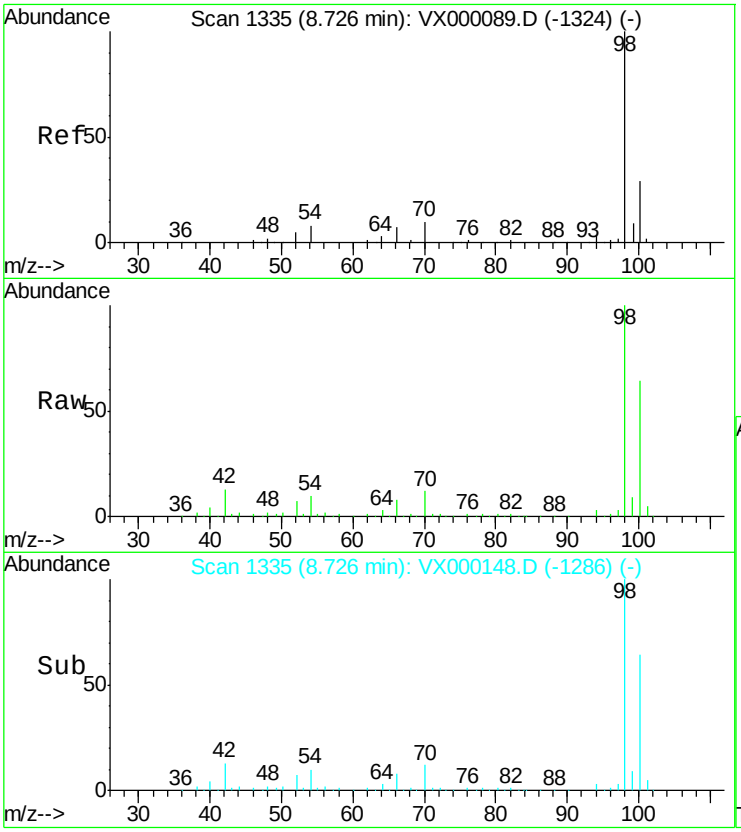


#49
1,4-Dioxane
Concen: 1.12 ug/l
RT: 7.70 min Scan# 1167
Delta R.T. -0.07 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
43	44.7	24.1	36.1#
58	42.6	49.0	73.6#



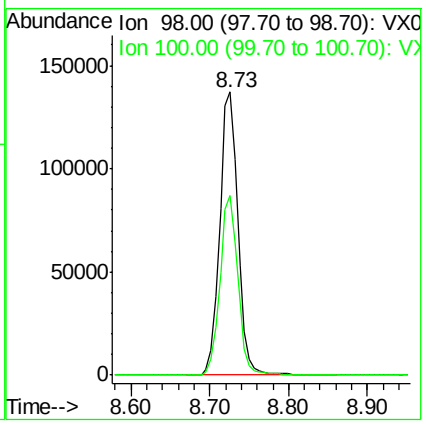


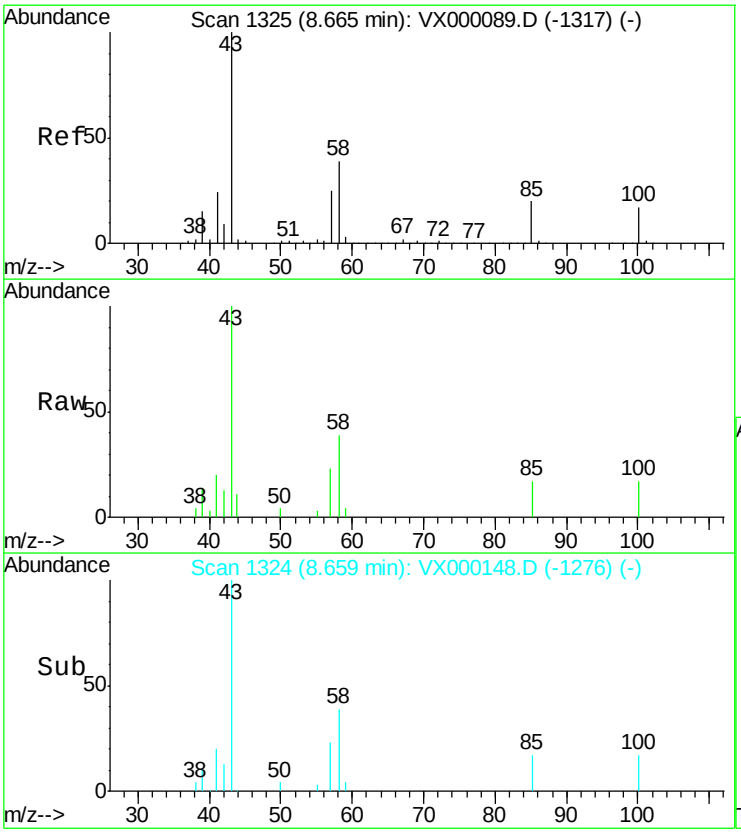
#50
Toluene-d8
Concen: 48.23 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 98 Resp: 220138

Ion	Ratio	Lower	Upper
98	100		
100	62.0	52.2	78.2

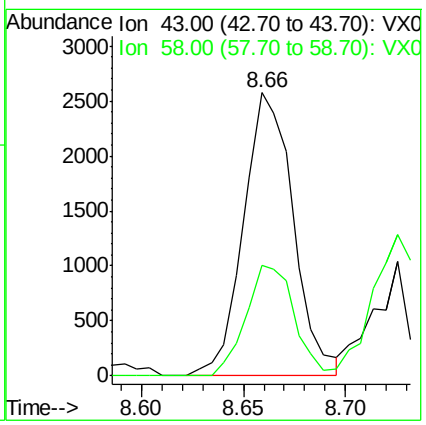


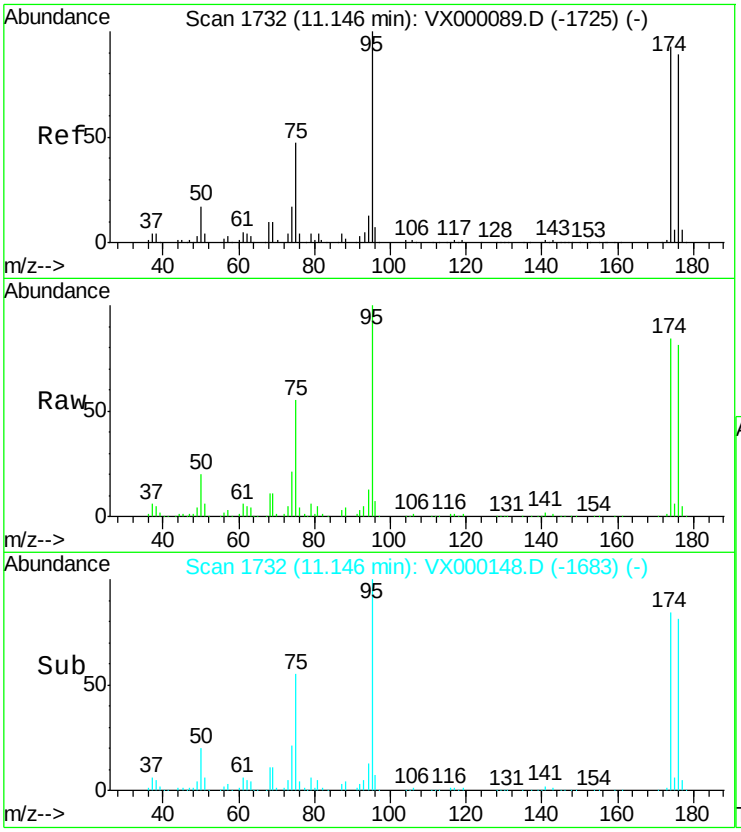


#51
4-Methyl-2-Pentanone
Concen: 1.84 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 43 Resp: 4383

Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.6	47.4



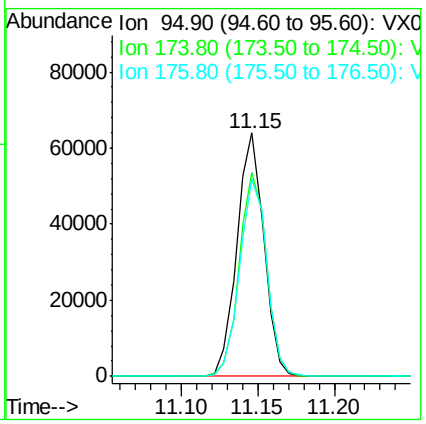


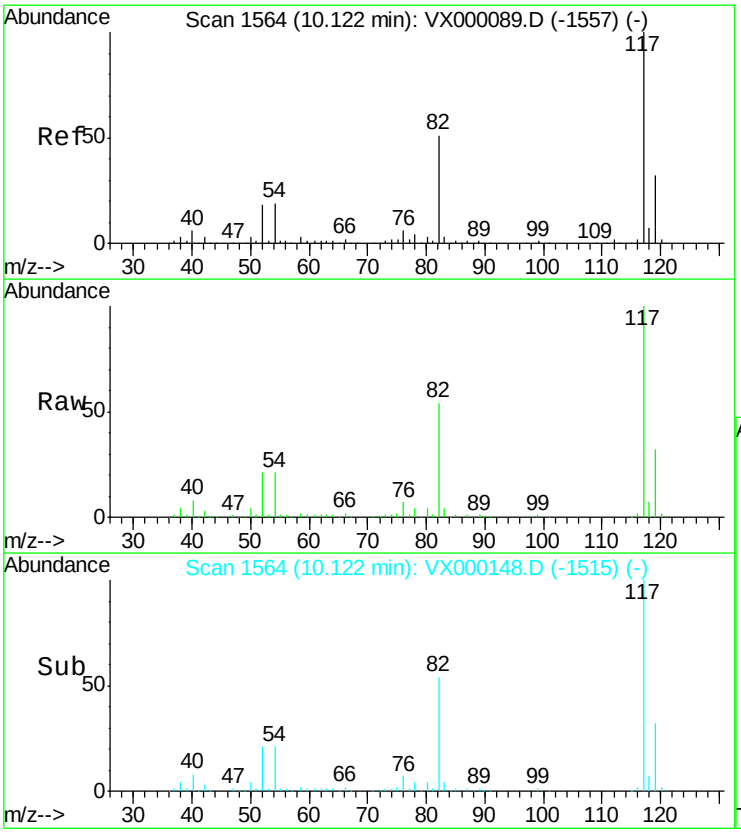
#62
4-Bromofluorobenzene
Concen: 43.67 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 95 Resp: 78152

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	187.8
176	82.2	0.0	181.2

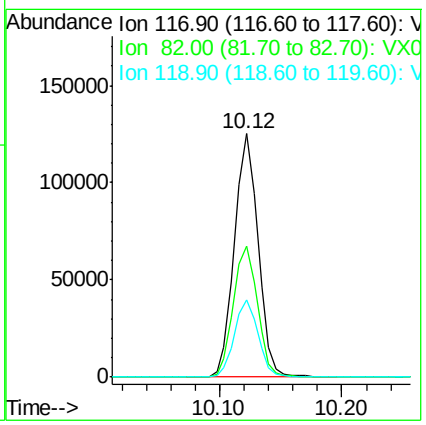


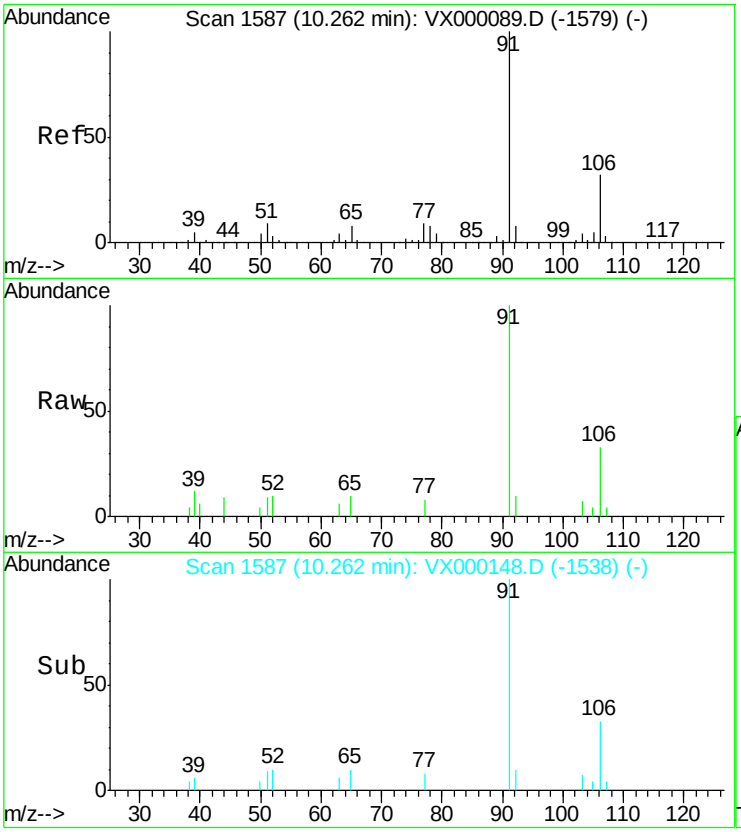


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion:117 Resp: 166865

Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.0	61.6
119	32.0	25.5	38.3



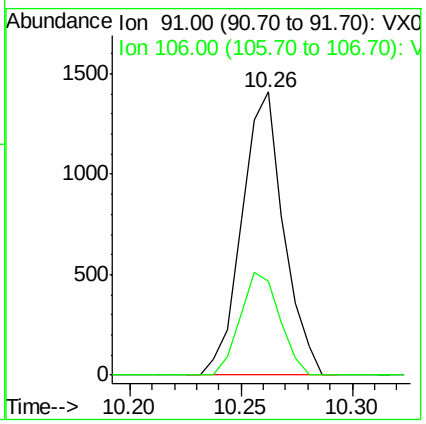


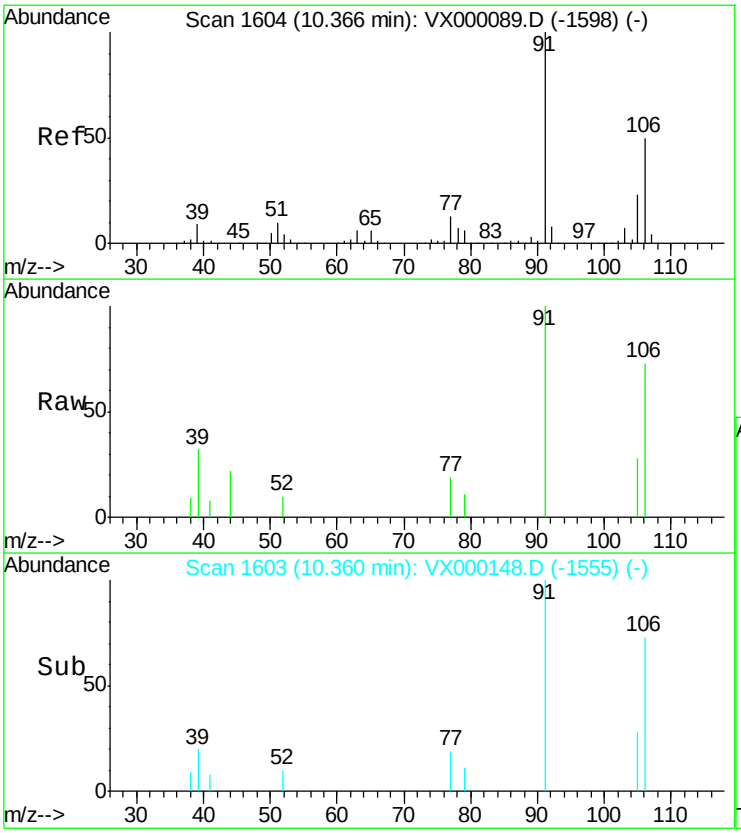
#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 91 Resp: 1845

Ion	Ratio	Lower	Upper
91	100		
106	33.3	25.8	38.6

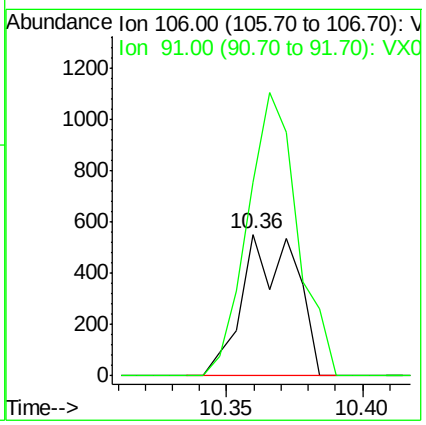


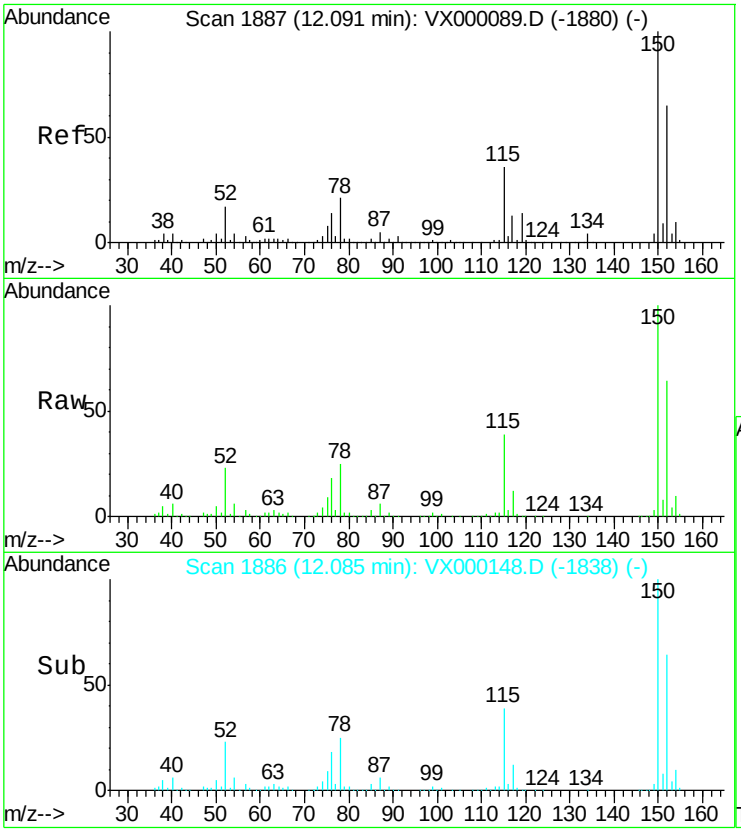


#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion:106 Resp: 752

Ion	Ratio	Lower	Upper
106	100		
91	187.4	159.1	238.7



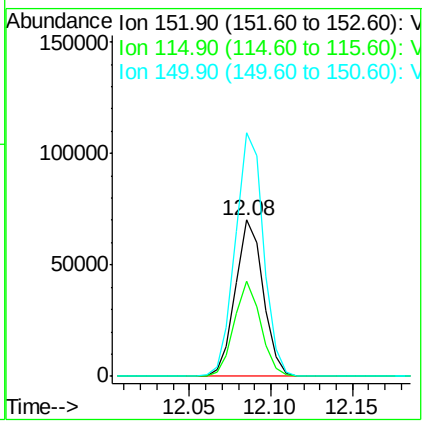


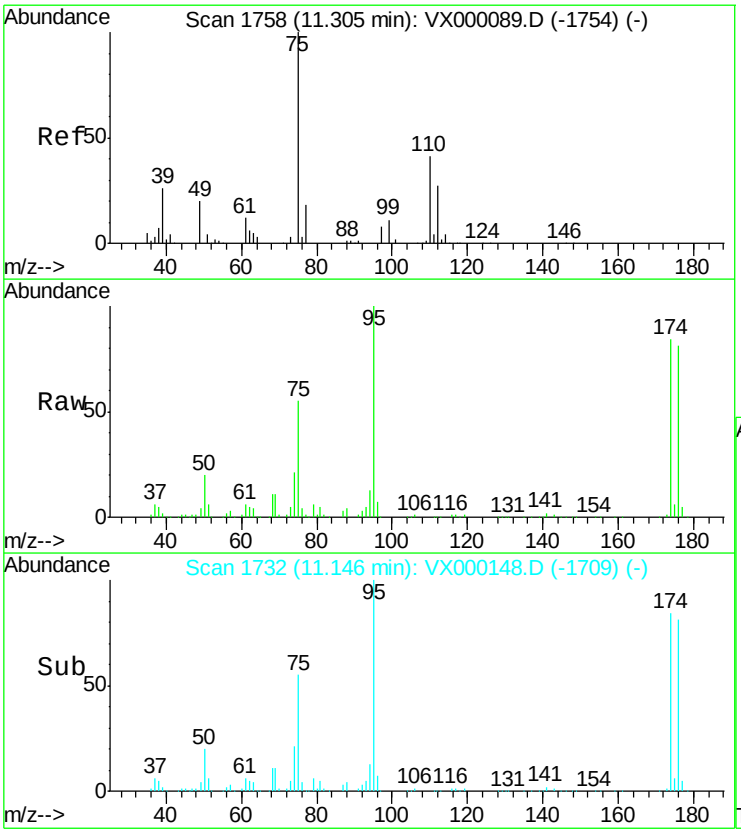
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 83775

Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.1	117.2
150	157.5	0.0	348.2

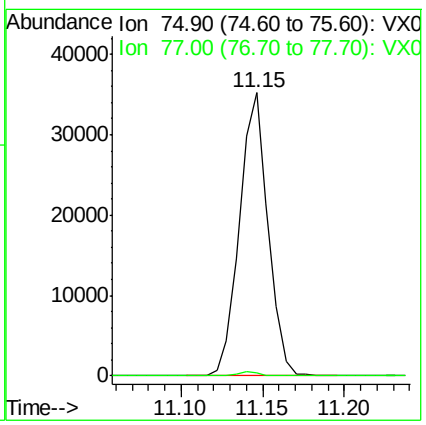


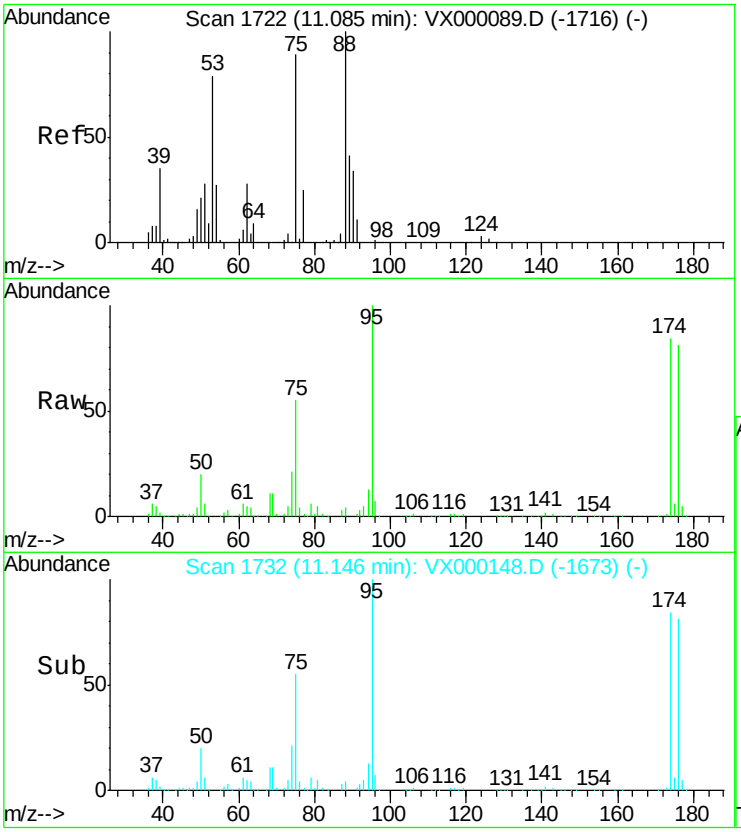


#76
1,2,3-Trichloropropane
Concen: 24.65 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion: 75 Resp: 42776

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



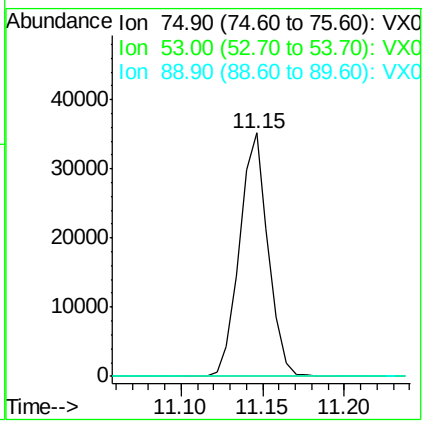


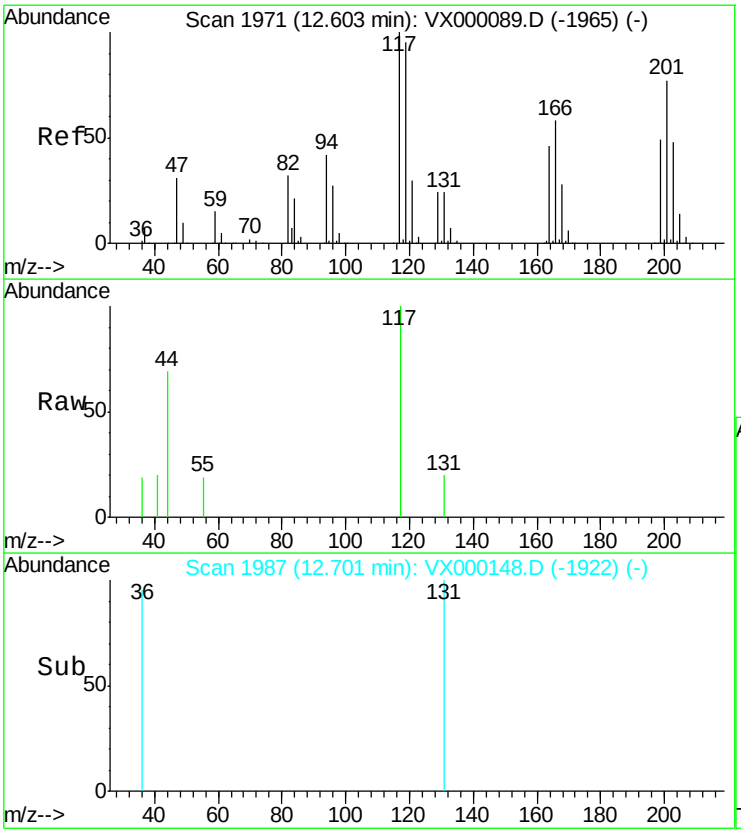
#81
trans-1,4-Dichloro-2-butene
Concen: 70.20 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Instrument :
ClientSampleId :
SUMP

Tgt Ion: 75 Resp: 42776

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.3	108.5#
89	0.1	40.6	60.8#





#90
Hexachloroethane
Concen: 0.32 ug/l
RT: 12.70 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VX000148.D
Acq: 27 Feb 2018 17:09

Tgt Ion:117 Resp: 266

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.4#