Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Time: Sep 18 06:45:09 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	755429	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1348693	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1140803	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	416316	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	755418	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
36) Dibromofluoromethane	7.68	113	484738	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.70%			
51) Toluene-d8	10.19	98	1996281	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.08%			
63) 4-Bromofluorobenzene	12.52	95	663460	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
Target Compounds						Qvalue
4) Chloromethane	1.94	50	4370	1.53	ug/l #	52
6) Bromomethane	2.55	94	841	1.76	ug/l #	42
12) Tert butyl alcohol	4.80	59	4223	2.79	ug/l #	87
14) Acrolein	3.84	56	11652	6.55	ug/l #	76
15) Allyl chloride	4.60	41	59911	3.06	ug/l #	73
17) Acetone	3.84	43	30479	7.30	ug/l #	55
19) Methyl Acetate	4.60	43	131091	4.34	ug/l #	56
26) 2-Butanone	6.94	43	11844	1.88	ug/l #	52
27) 2,2-Dichloropropane	6.83	77	7829	0.38	ug/l #	52
32) Cyclohexane	7.76	56	85088	3.14	ug/l #	61
37) 1,1-Dichloropropene	7.75	75	79031	5.01	ug/l #	51
38) Ethyl Acetate	6.94	43	11844	Below Cal	#	71
39) Carbon Tetrachloride	7.75	117	87943	5.92	ug/l #	16
40) Methylcyclohexane	9.19	83	58272	3.03	ug/l	96
44) Isopropyl Acetate	8.25	43	38819	1.54	ug/l #	56
49) Methyl methacrylate	9.24	41	8646	0.69	ug/l #	38
50) 1,4-Dioxane	9.33	88	32	0.22	ug/l #	1
52) 4-Methyl-2-Pentanone	9.99	43	11384	0.85	ug/l #	38
56) 1,1,2-Trichloroethane	10.64	97	57454	5.67	ug/l #	18
57) Ethyl methacrylate	10.54	69	23635	1.38	ug/l #	1
59) 2-Chloroethyl Vinyl ether	9.91	63	2639	0.34	ug/l	92
60) 2-Hexanone	10.81	43	4010	0.44	ug/l #	27
74) Isopropylbenzene	12.36	105	63380	1.38	ug/l	95
75) N-amyl acetate	12.23	43	4392	0.21	ug/l #	71
76) 1,1,2,2-Tetrachloroethane	12.60	83	1849	Below Cal	#	72
77) 1,2,3-Trichloropropane	12.52	75	385116	30.61	ug/l #	1
82) trans-1,4-Dichloro-2-buten	12.52	75	385116	75.18	ug/l #	4
84) tert-Butylbenzene	13.11	119	14375	0.47	ug/l	91
86) sec-Butylbenzene	13.29	105	21969	0.49	ug/l #	56
91) Hexachloroethane	14.01	117	3456	0.46	ug/l #	15
93) 1,2-Dibromo-3-Chloropropan	14.41	75	455	Below Cal	#	9

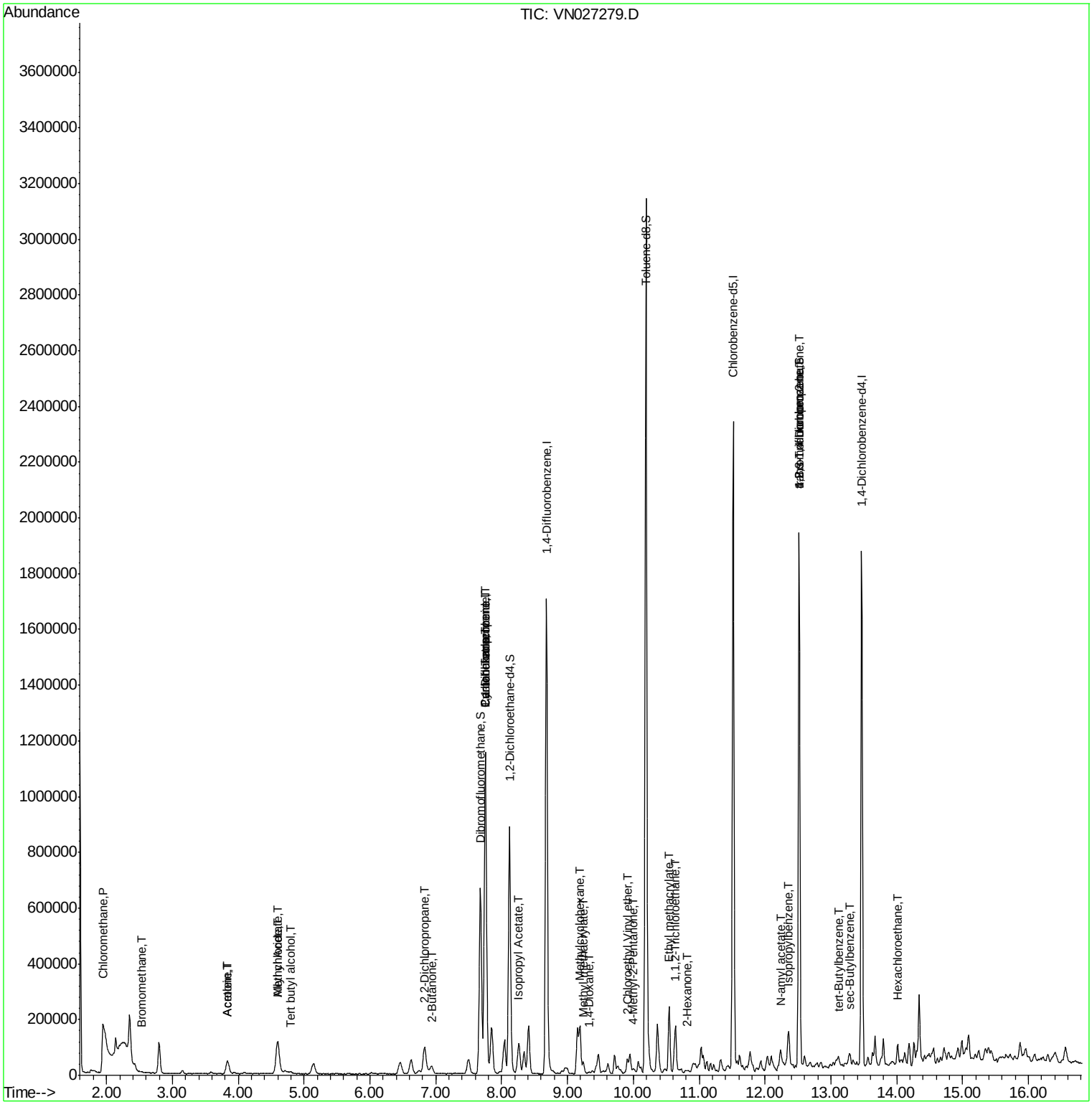
(#) = qualifier out of range (m) = manual integration (+) = signals summed

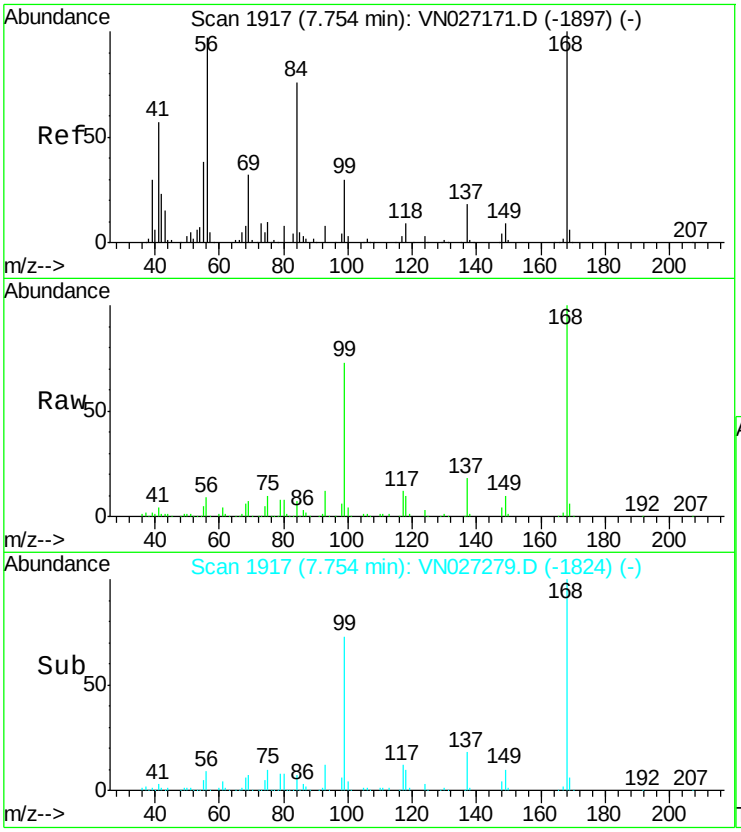
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN091715\
Data File : VN027279.D
Acq On : 18 Sep 2015 3:10
Operator : MD\FY
Sample : G3706-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Sep 18 06:45:09 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration



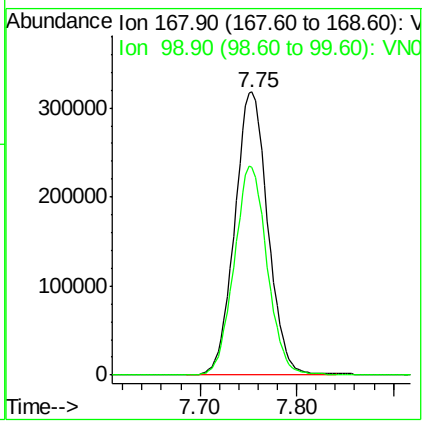


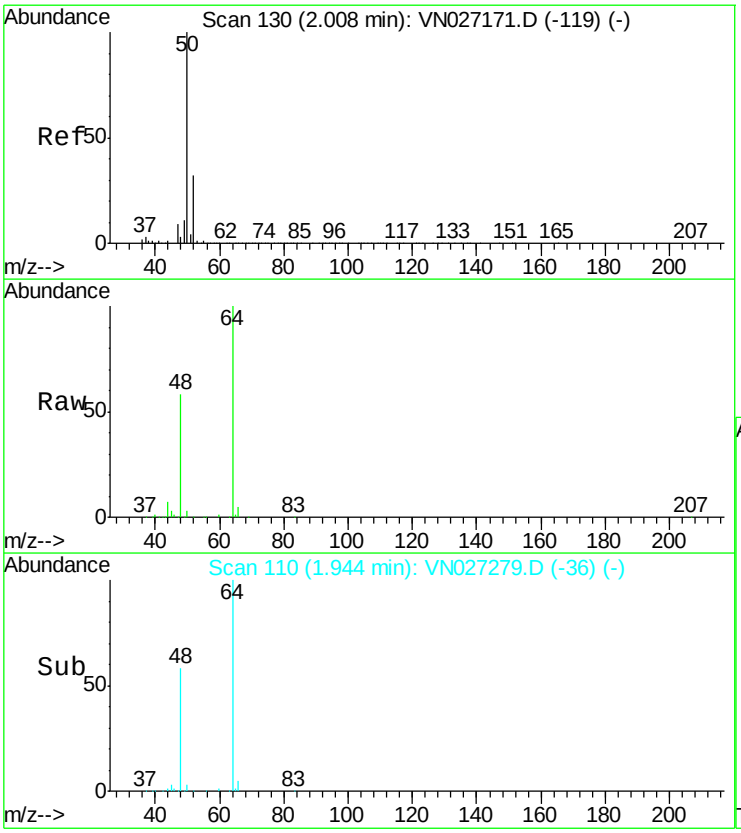
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 755429

Ion	Ratio	Lower	Upper
168	100		
99	73.4	50.4	75.6

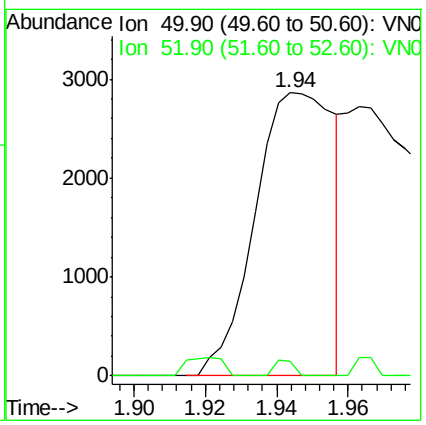


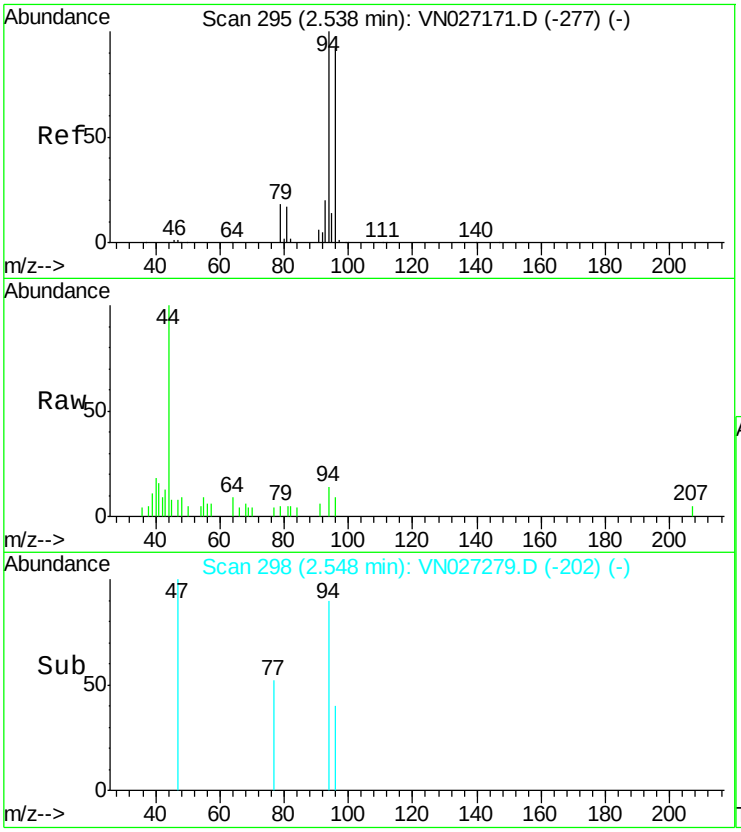


#4
Chloromethane
Concen: 1.53 ug/l
RT: 1.94 min Scan# 110
Delta R.T. -0.06 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 50 Resp: 4370

Ion	Ratio	Lower	Upper
50	100		
52	5.2	25.9	38.9#



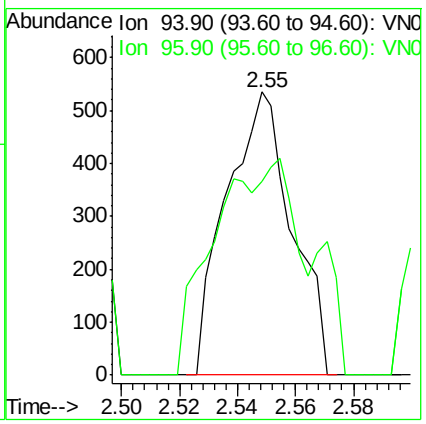


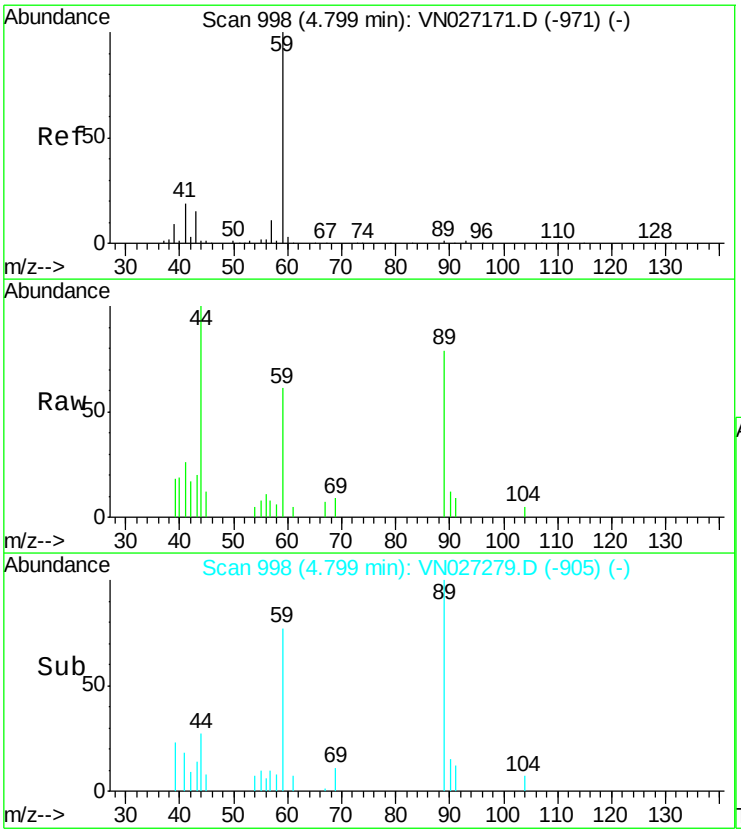
#6
Bromomethane
Concen: 1.76 ug/l
RT: 2.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 94 Resp: 841

Ion	Ratio	Lower	Upper
94	100		
96	37.0	73.4	110.2#

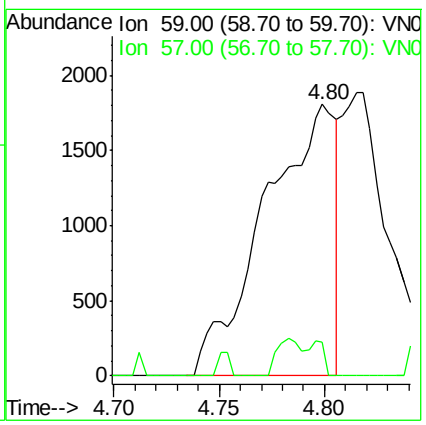


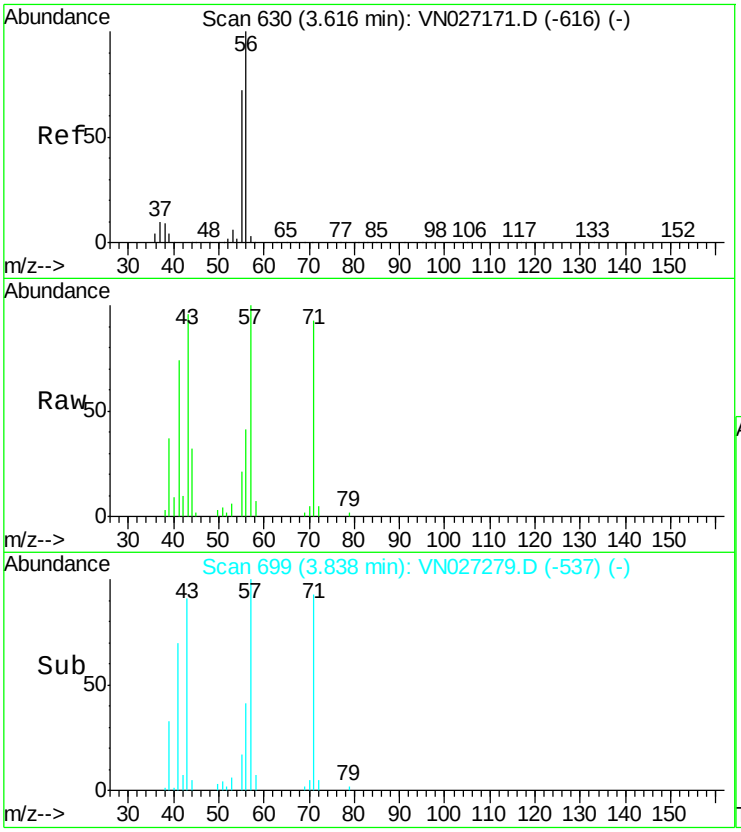


#12
Tert butyl alcohol
Concen: 2.79 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 59 Resp: 4223

Ion	Ratio	Lower	Upper
59	100		
57	4.7	7.6	11.4#



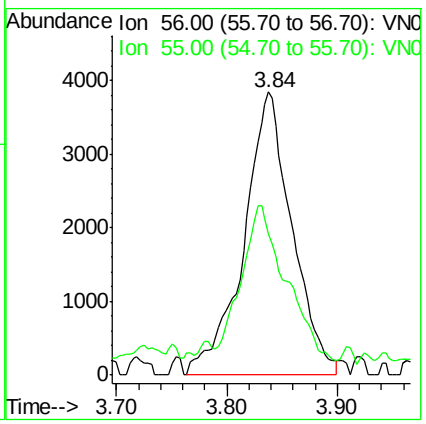


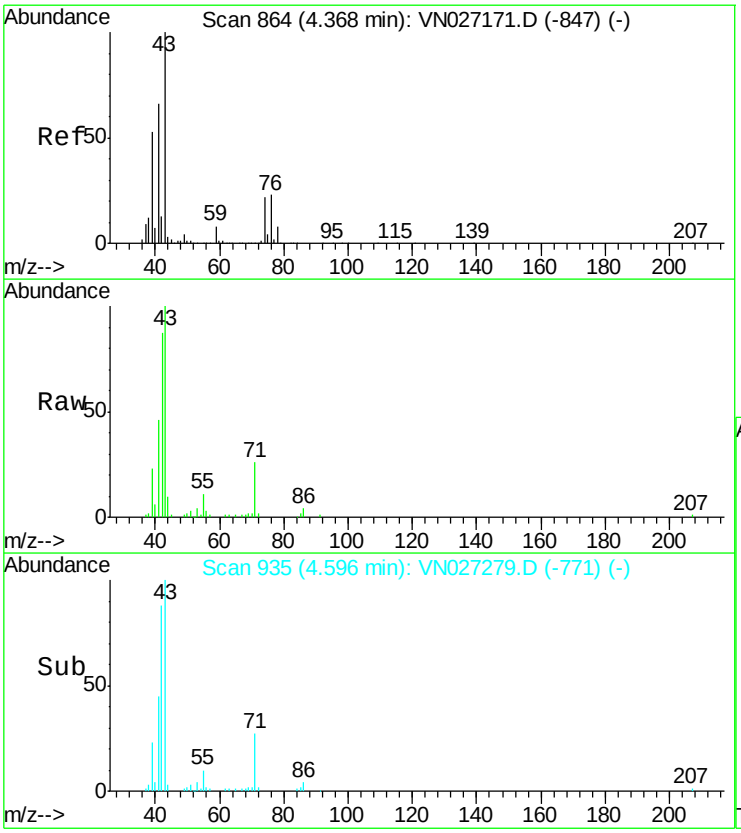
#14
Acrolein
Concen: 6.55 ug/l
RT: 3.84 min Scan# 699
Delta R.T. 0.22 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 56 Resp: 11652

Ion	Ratio	Lower	Upper
56	100		
55	50.3	55.7	83.5#

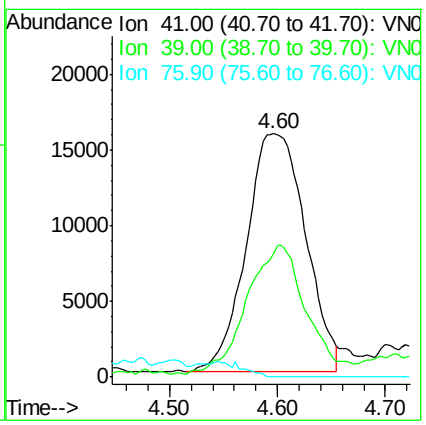


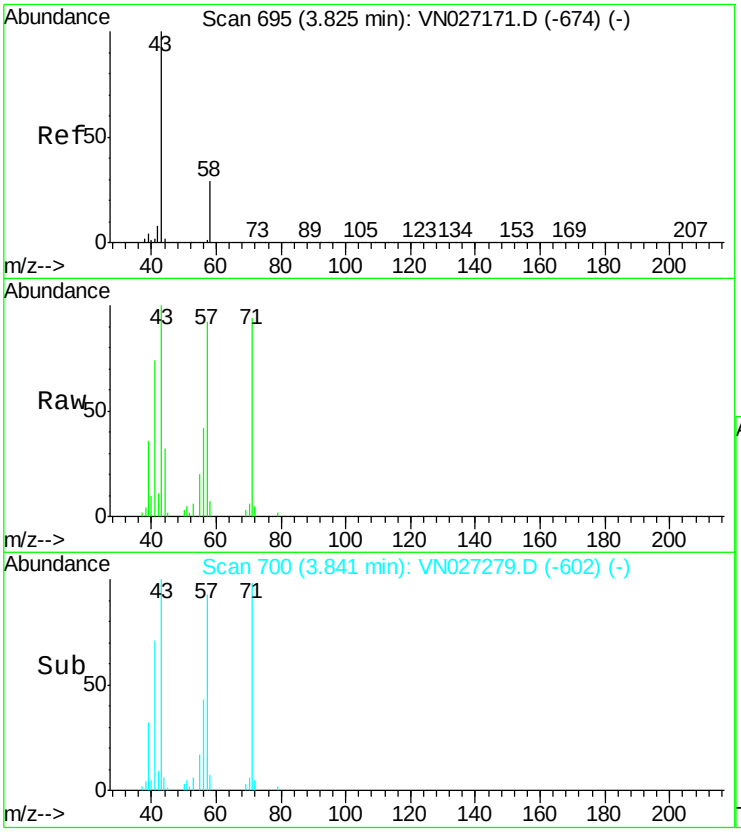


#15
Allyl chloride
Concen: 3.06 ug/l
RT: 4.60 min Scan# 935
Delta R.T. 0.23 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 41 Resp: 59911

Ion	Ratio	Lower	Upper
41	100		
39	52.3	49.7	74.5
76	0.0	24.8	37.2#



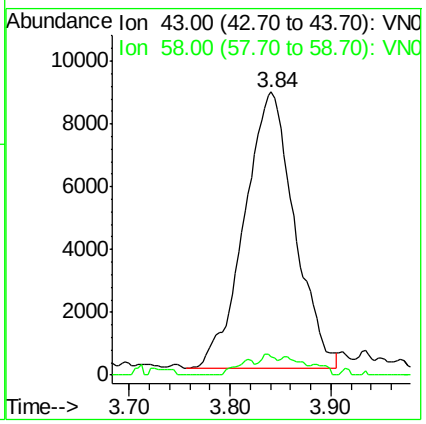


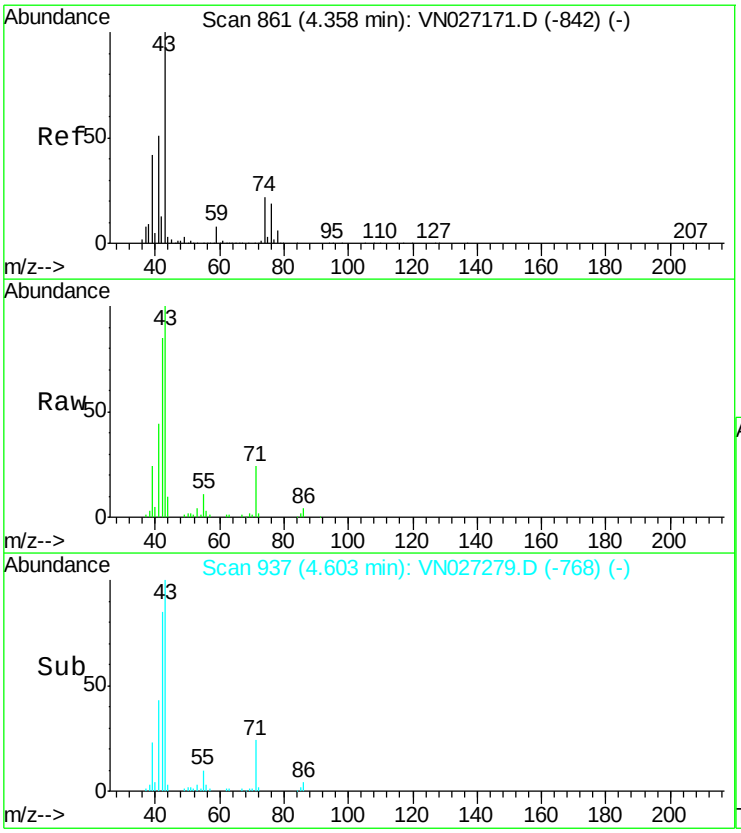
#17
Acetone
Concen: 7.30 ug/l
RT: 3.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 43 Resp: 30479

Ion	Ratio	Lower	Upper
43	100		
58	6.7	25.4	38.0#

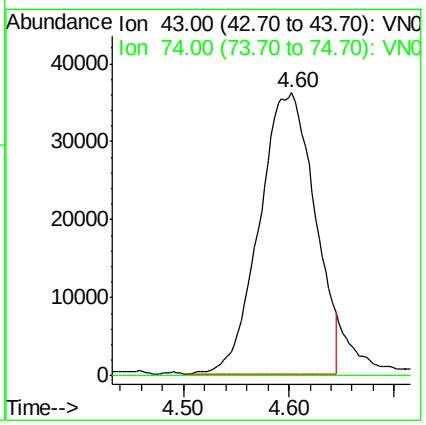


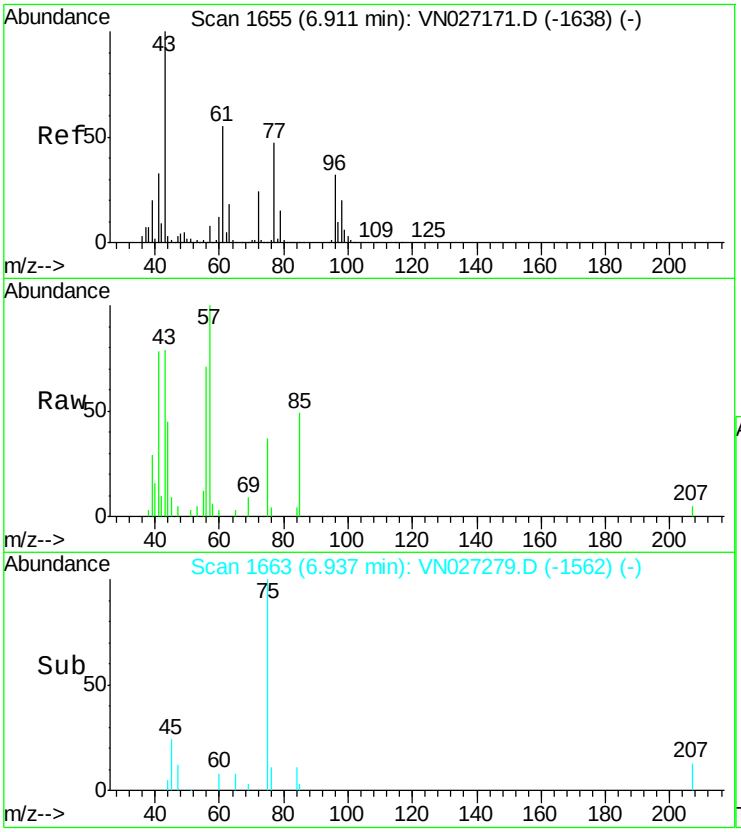


#19
Methyl Acetate
Concen: 4.34 ug/l
RT: 4.60 min Scan# 937
Delta R.T. 0.24 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 43 Resp: 131091

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.2	24.2#



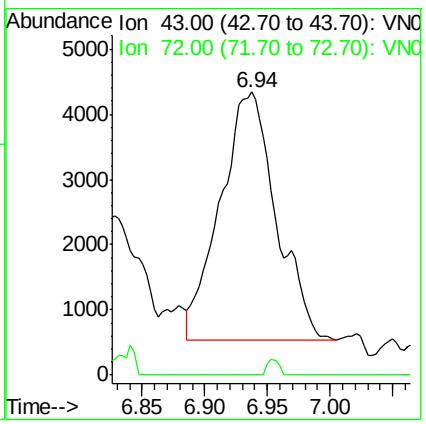


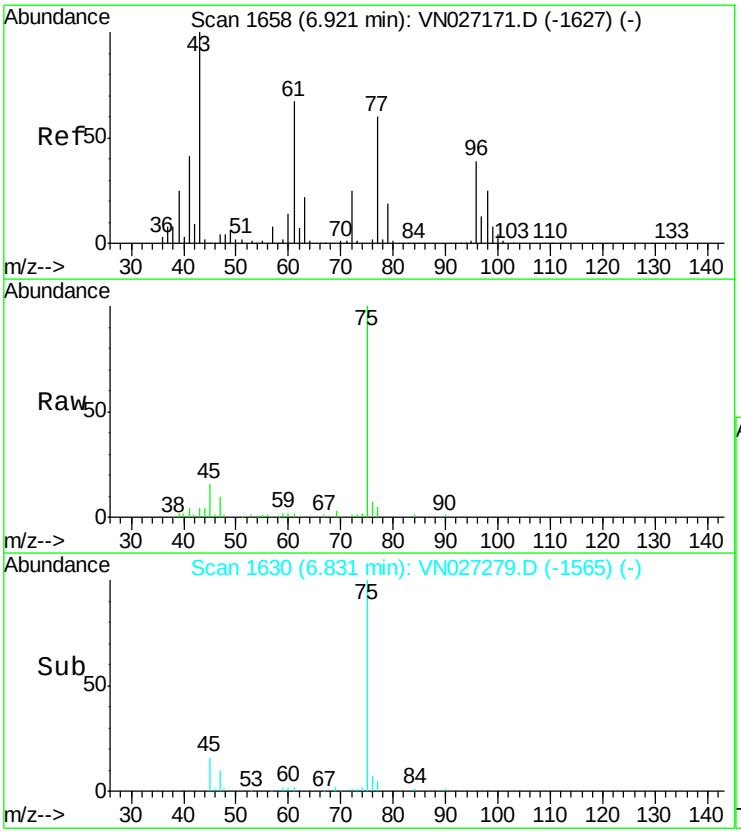
#26
2-Butanone
Concen: 1.88 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.03 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 43 Resp: 11844

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#

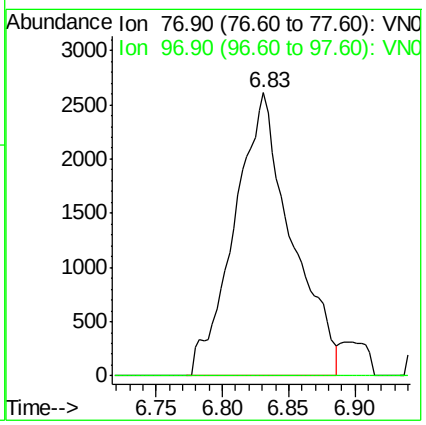


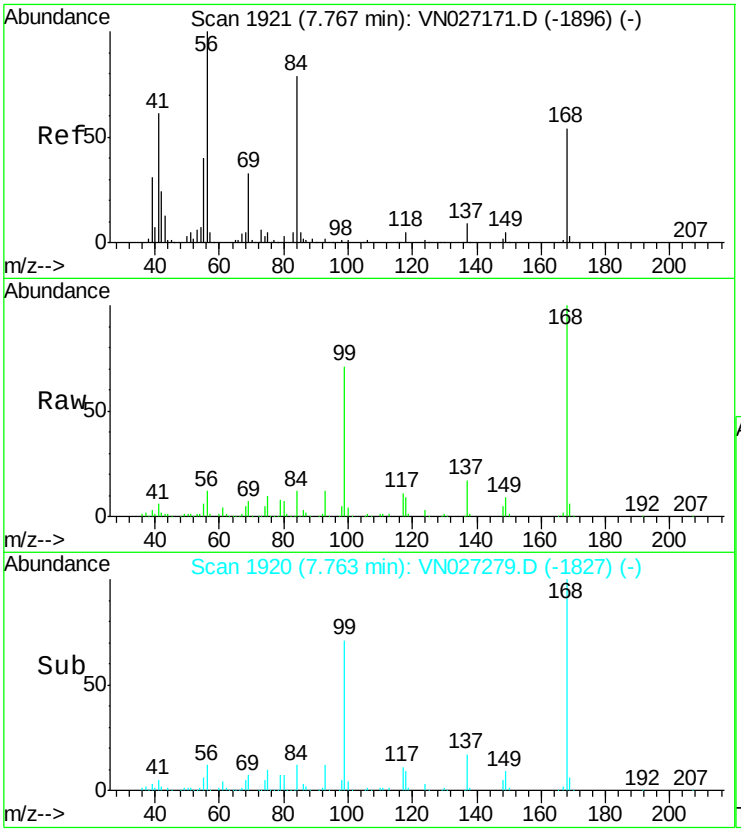


#27
2,2-Dichloropropane
Concen: 0.38 ug/l
RT: 6.83 min Scan# 1630
Delta R.T. -0.09 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 77 Resp: 7829

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.8	35.3#



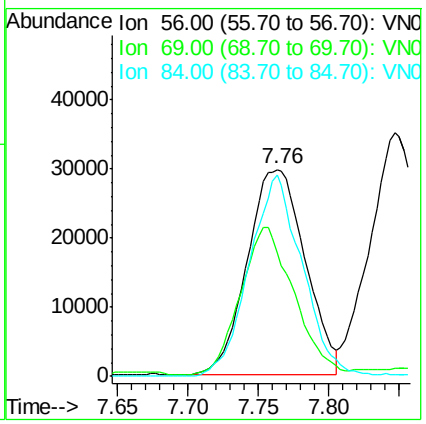


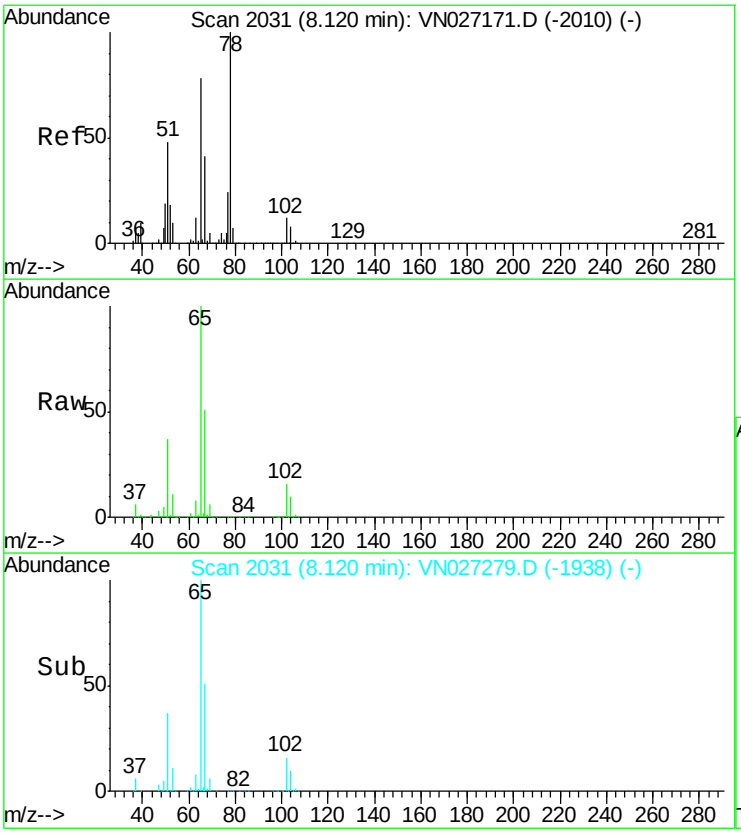
#32
Cyclohexane
Concen: 3.14 ug/l
RT: 7.76 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 56 Resp: 85088

Ion	Ratio	Lower	Upper
56	100		
69	59.4	23.0	34.4#
84	98.2	57.8	86.8#

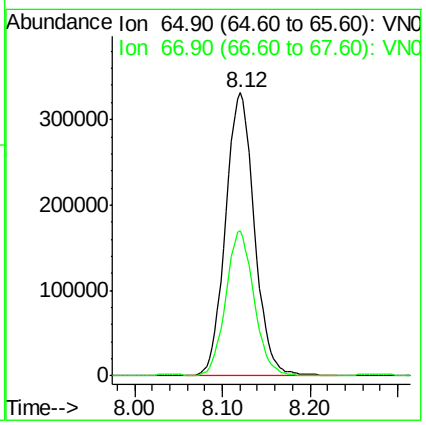


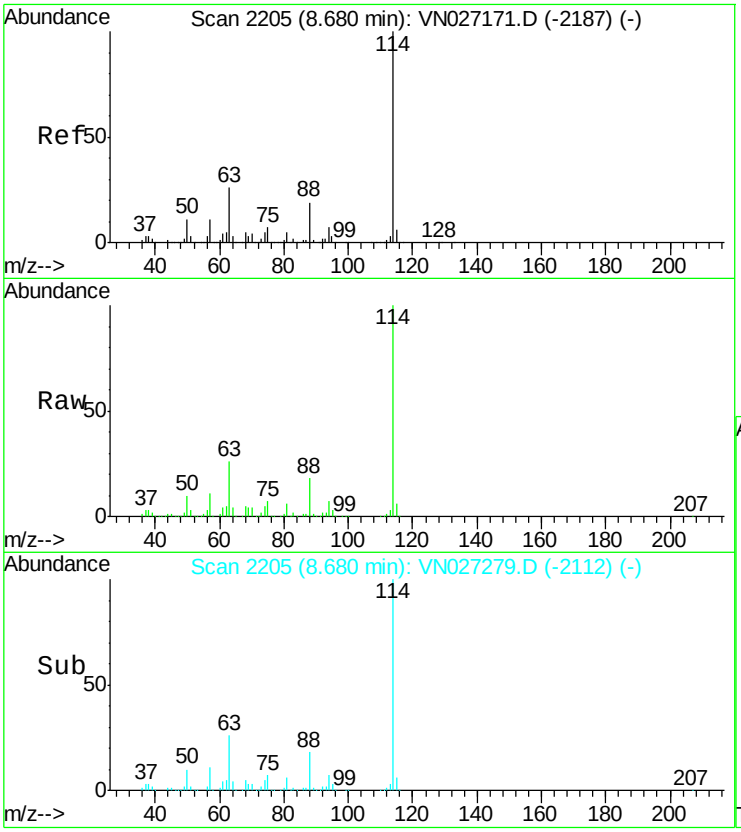


#34
1,2-Dichloroethane-d4
Concen: 48.81 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 65 Resp: 755418

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	110.6



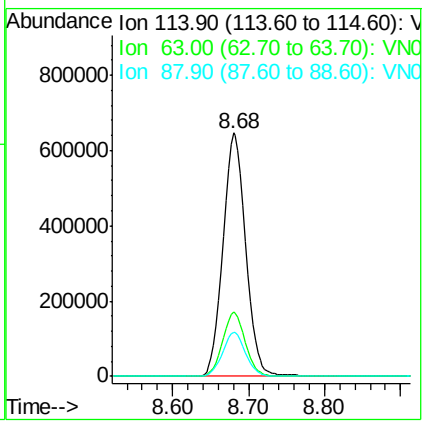


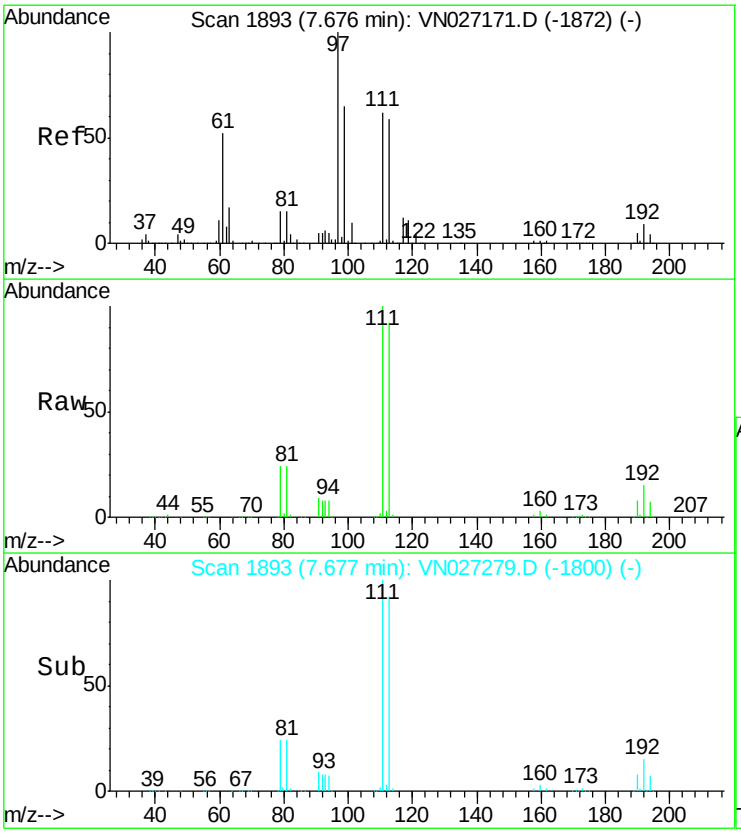
#35
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 1348693

Ion	Ratio	Lower	Upper
114	100		
63	26.5	0.0	48.8
88	18.0	0.0	32.2

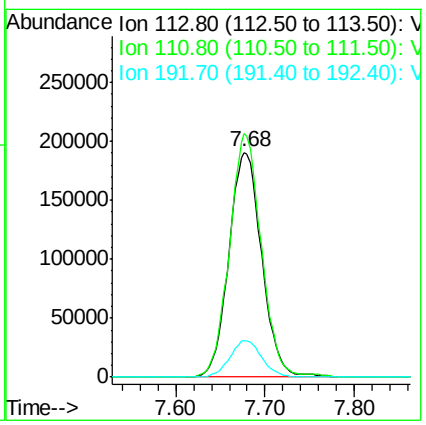


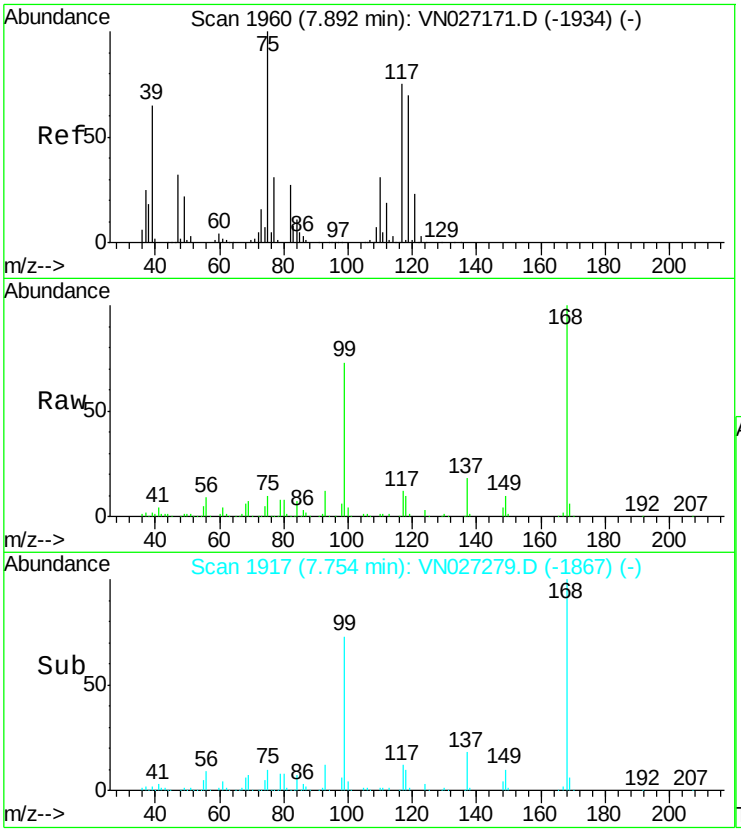


#36
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.68 min Scan# 1893
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:113 Resp: 484738

Ion	Ratio	Lower	Upper
113	100		
111	105.6	83.0	124.4
192	15.8	14.1	21.1



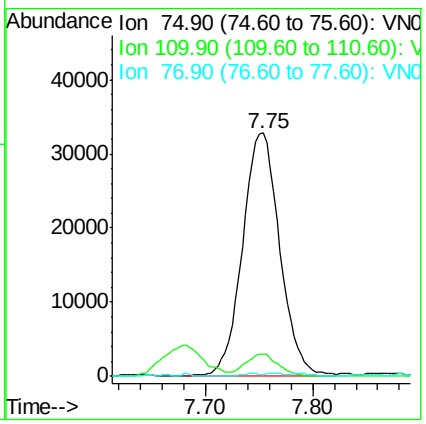


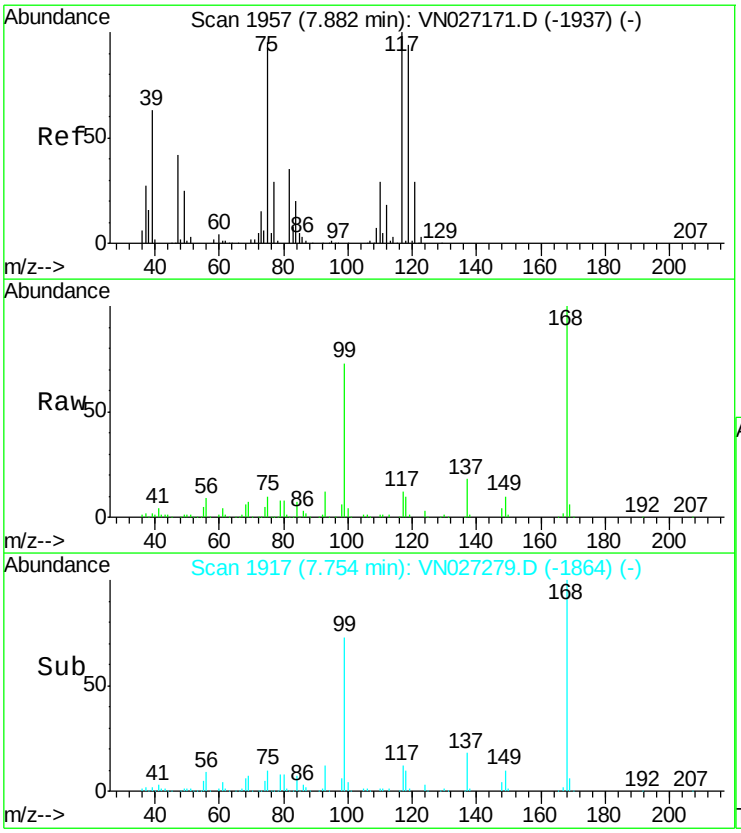
#37
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.14 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 79031

Ion	Ratio	Lower	Upper
75	100		
110	8.1	15.9	47.7#
77	0.6	24.9	37.3#

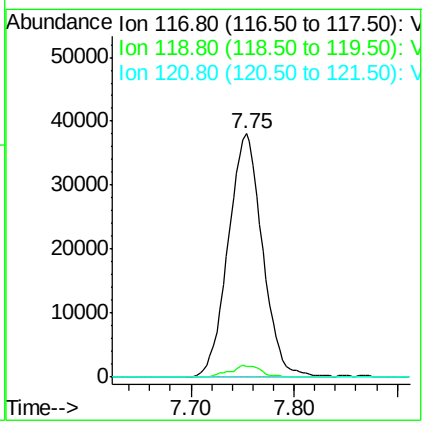


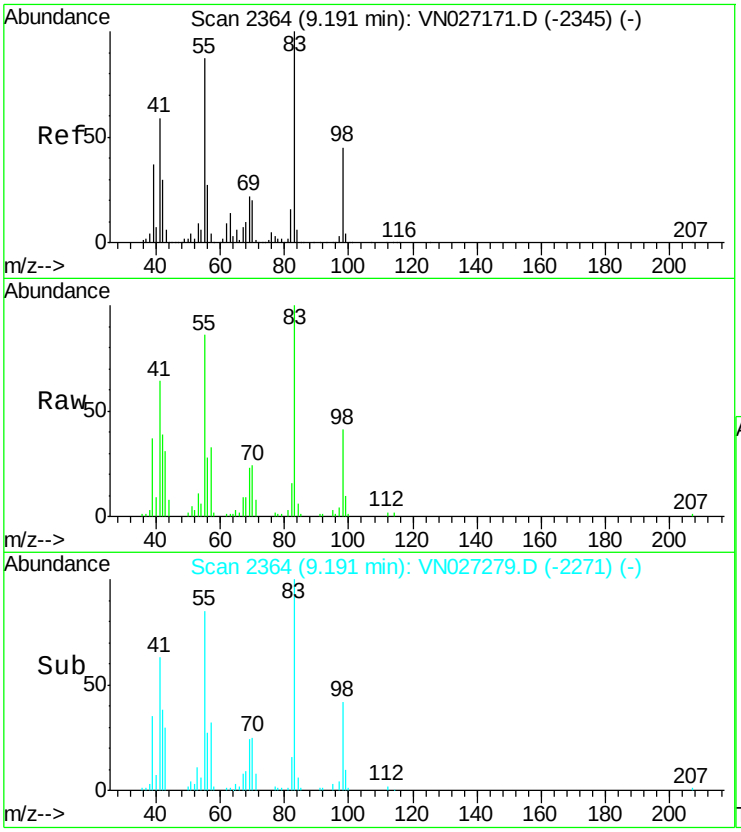


#39
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.75 min Scan# 1917
Delta R.T. -0.13 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:117 Resp: 87943

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.3	112.9#
121	0.0	23.8	35.8#



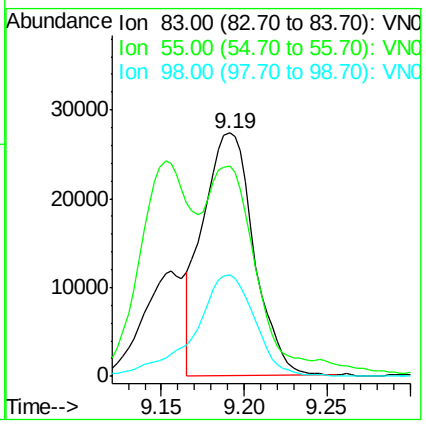


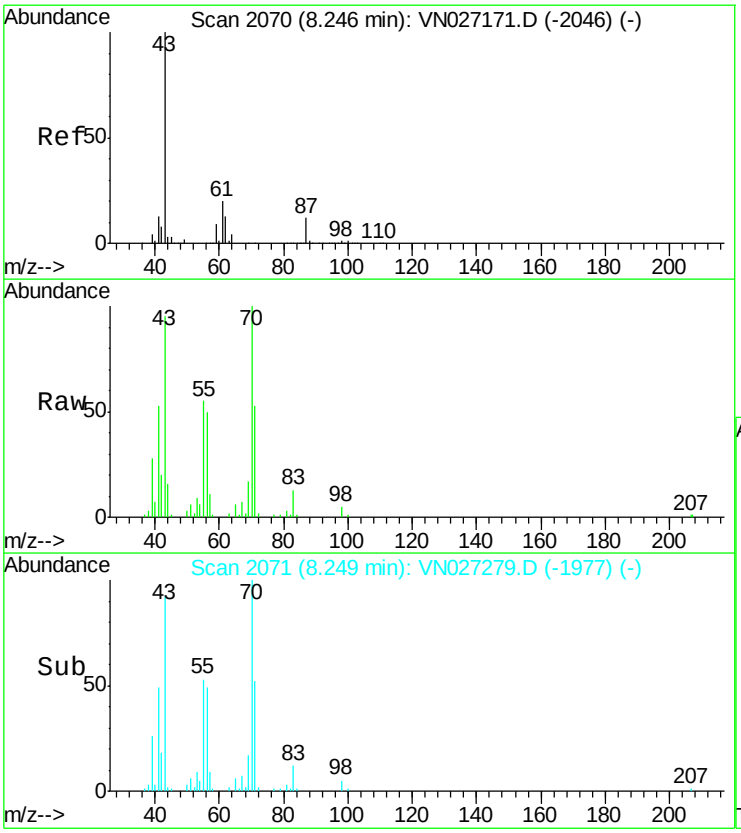
#40
Methylcyclohexane
Concen: 3.03 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 58272

Ion	Ratio	Lower	Upper
83	100		
55	82.2	69.8	104.8
98	41.7	34.3	51.5

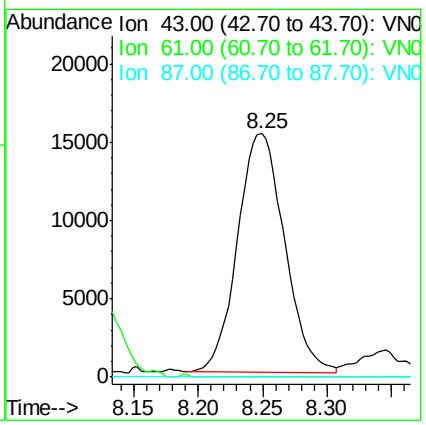


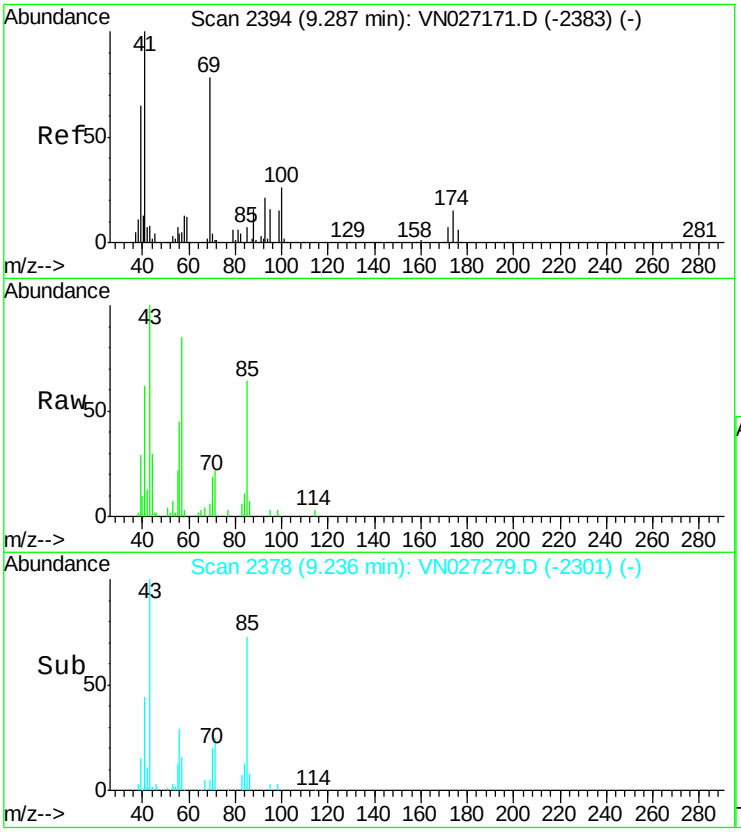


#44
Isopropyl Acetate
Concen: 1.54 ug/l
RT: 8.25 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 43 Resp: 38819

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.6	31.0#
87	0.0	8.6	13.0#



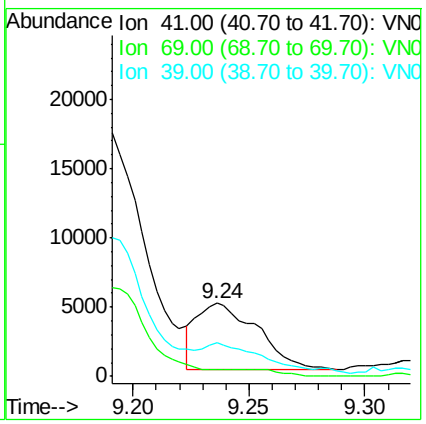


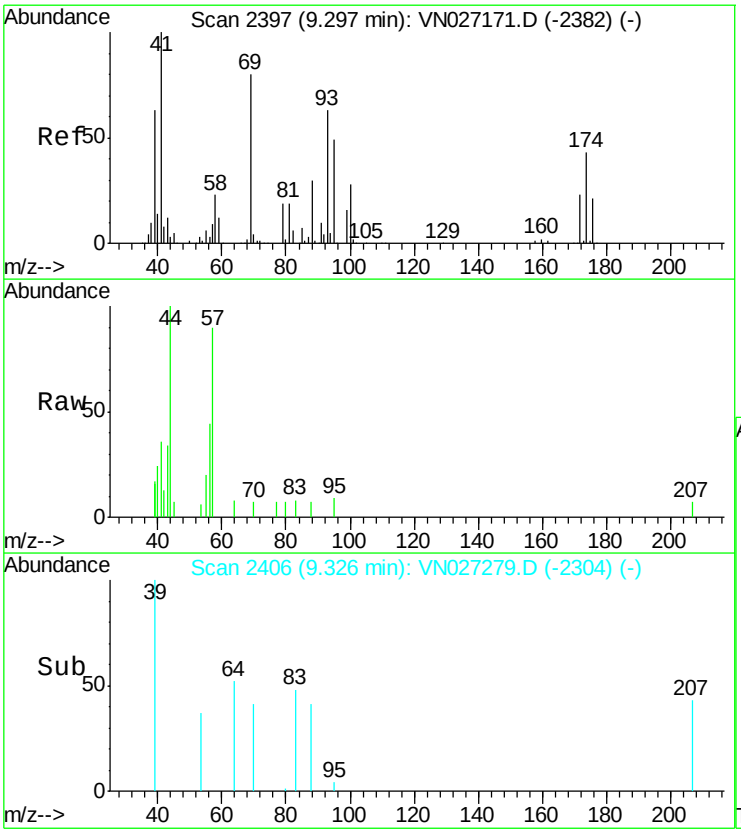
#49
Methyl methacrylate
Concen: 0.69 ug/l
RT: 9.24 min Scan# 2378
Delta R.T. -0.05 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 41 Resp: 8646

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.3	88.9#
39	33.3	39.5	59.3#

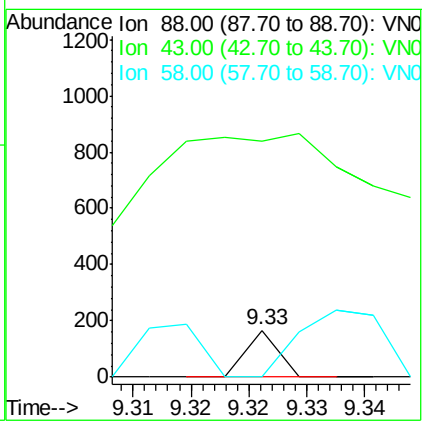


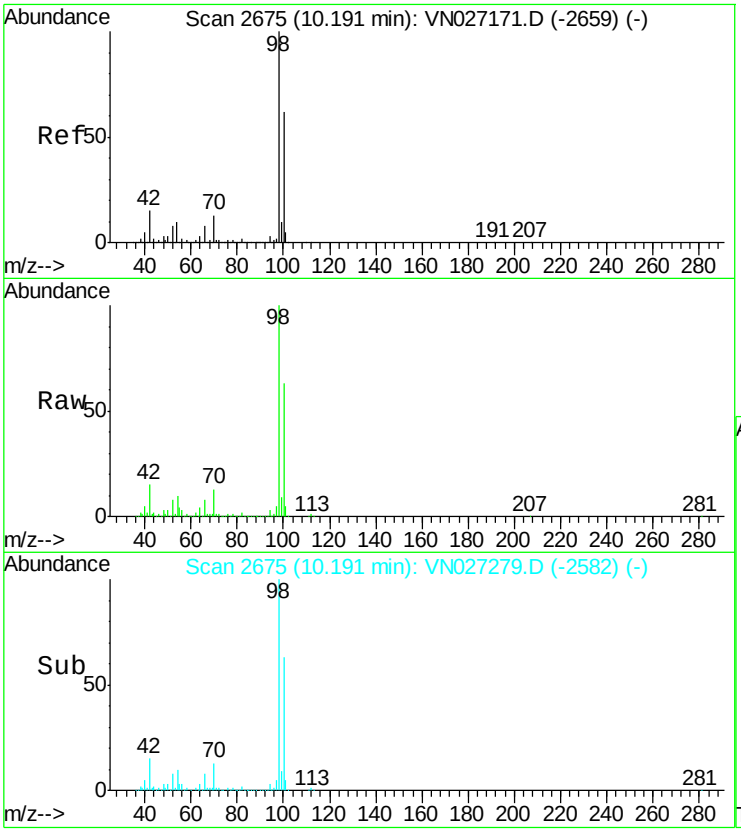


#50
1,4-Dioxane
Concen: 0.22 ug/l
RT: 9.33 min Scan# 2406
Delta R.T. 0.03 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 88 Resp: 32

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.6	41.4#
58	371.9	63.1	94.7#



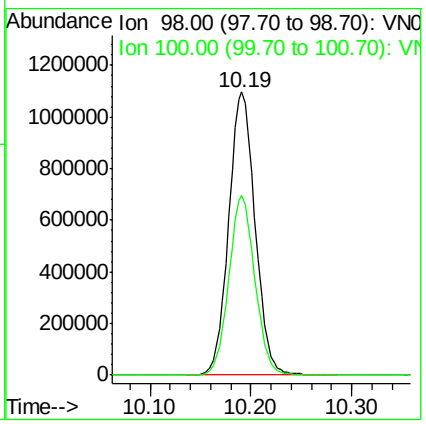


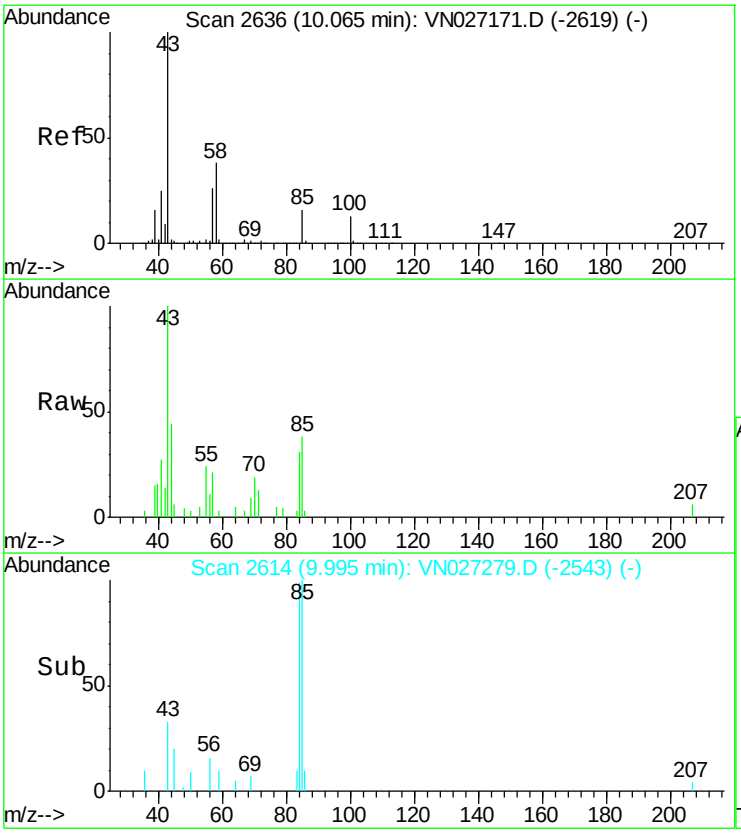
#51
Toluene-d8
Concen: 54.54 ug/l
RT: 10.19 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 98 Resp: 1996281

Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.5	75.7

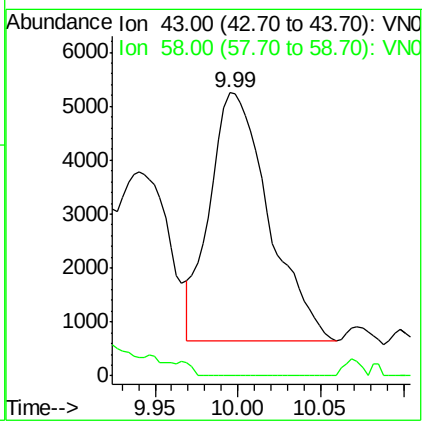


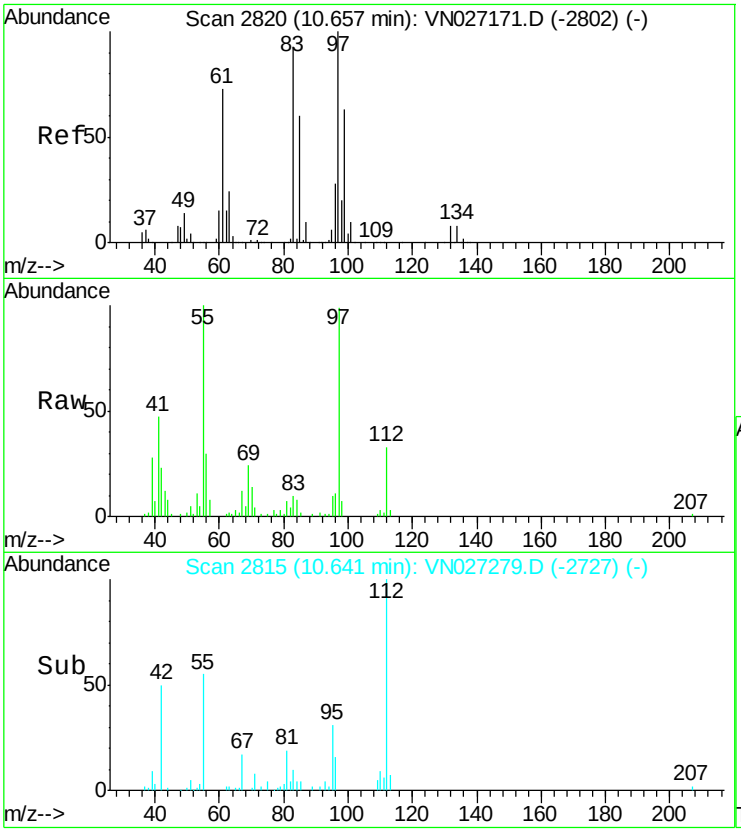


#52
4-Methyl-2-Pentanone
Concen: 0.85 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. -0.07 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 43 Resp: 11384

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	44.8#



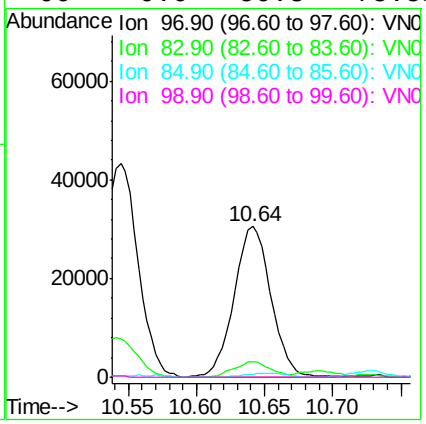


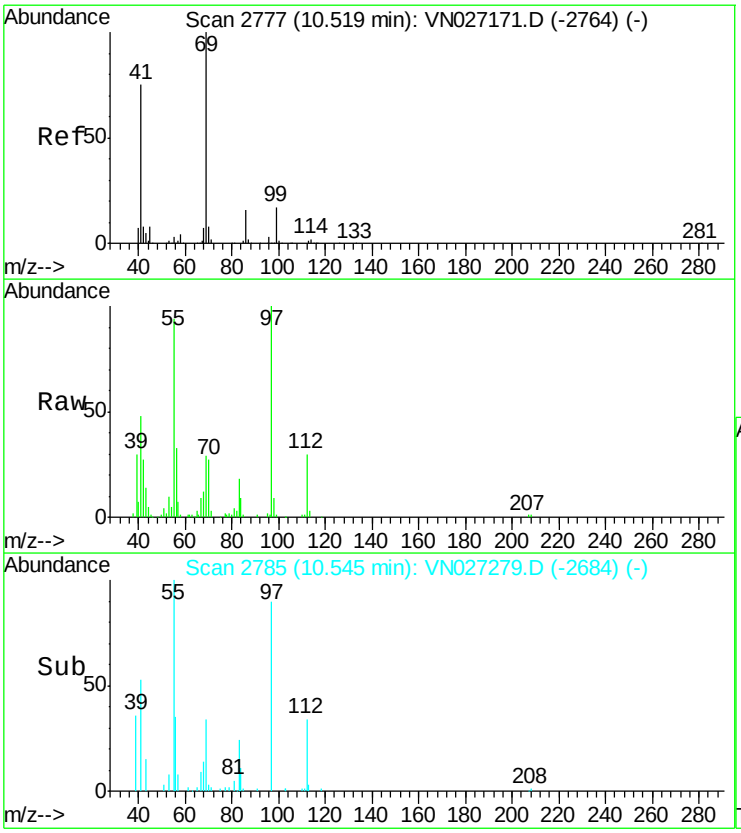
#56
1,1,2-Trichloroethane
Concen: 5.67 ug/l
RT: 10.64 min Scan# 2815
Delta R.T. -0.02 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 97 Resp: 57454

Ion	Ratio	Lower	Upper
97	100		
83	10.4	75.0	112.4#
85	2.0	48.0	72.0#
99	0.0	50.3	75.5#

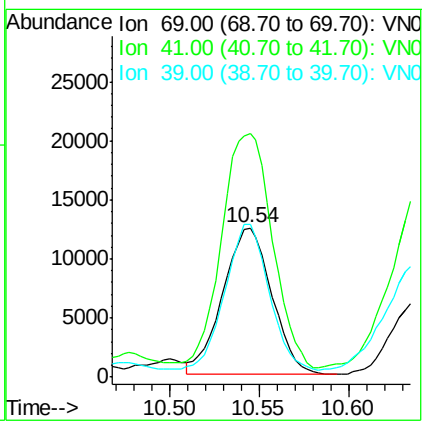


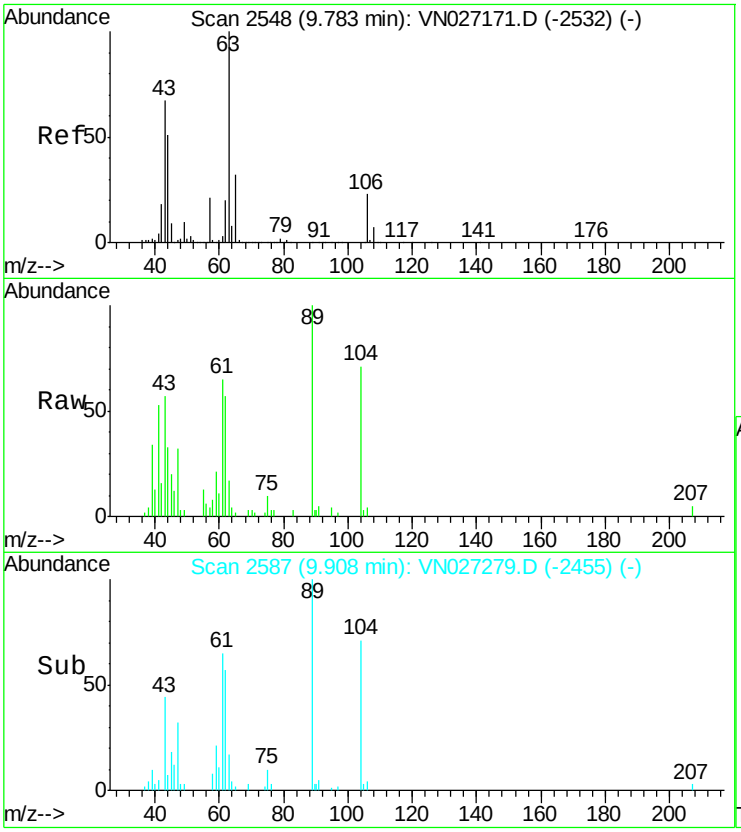


#57
Ethyl methacrylate
Concen: 1.38 ug/l
RT: 10.54 min Scan# 2785
Delta R.T. 0.03 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 69 Resp: 23635

Ion	Ratio	Lower	Upper
69	100		
41	166.4	61.3	91.9#
39	90.5	28.4	42.6#



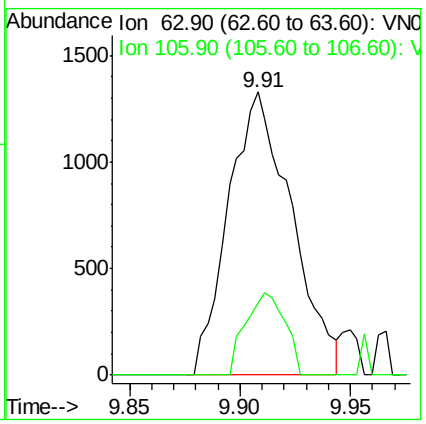


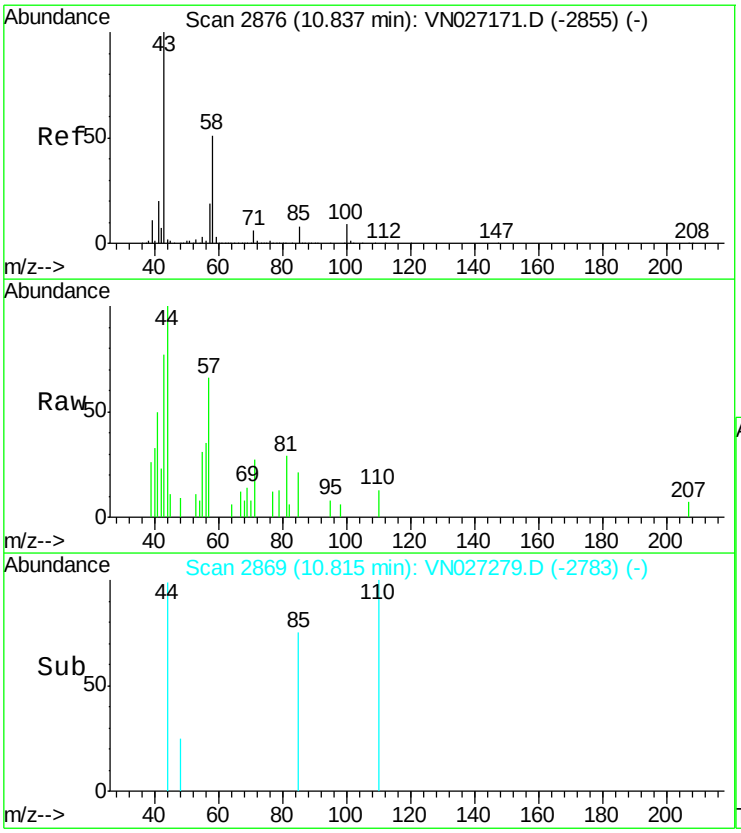
#59
2-Chloroethyl Vinyl ether
Concen: 0.34 ug/l
RT: 9.91 min Scan# 2587
Delta R.T. 0.13 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 63 Resp: 2639

Ion	Ratio	Lower	Upper
63	100		
106	18.3	17.7	26.5

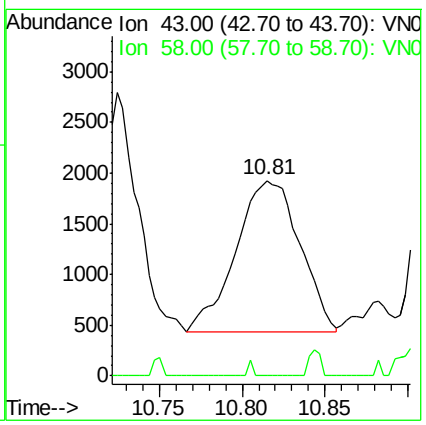


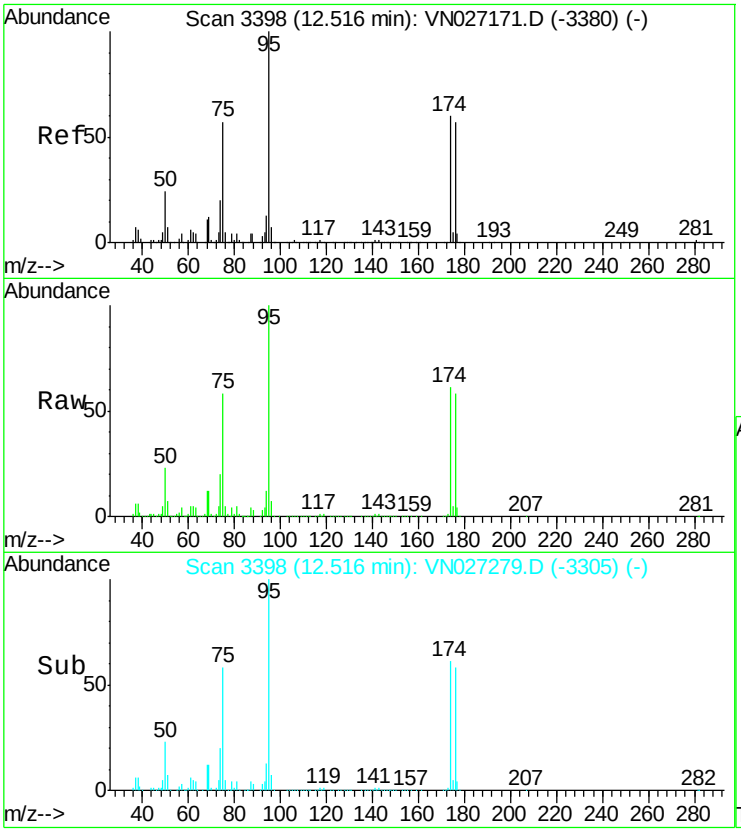


#60
2-Hexanone
Concen: 0.44 ug/l
RT: 10.81 min Scan# 2869
Delta R.T. -0.02 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 43 Resp: 4010

Ion	Ratio	Lower	Upper
43	100		
58	0.7	26.2	78.5#



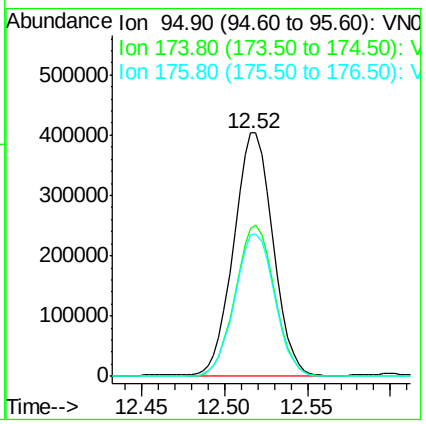


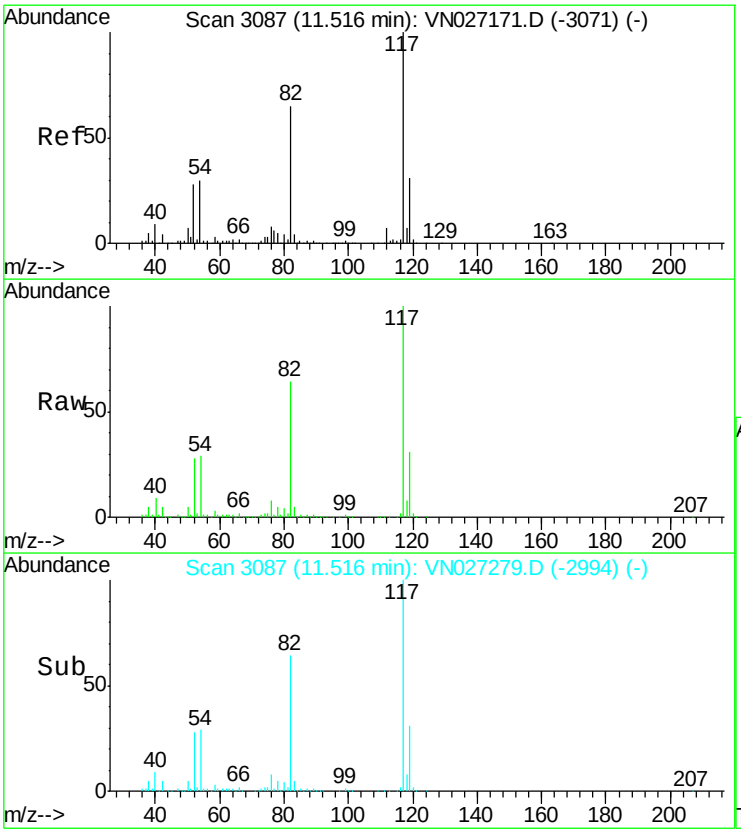
#63
4-Bromofluorobenzene
Concen: 51.07 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 663460

Ion	Ratio	Lower	Upper
95	100		
174	62.4	0.0	137.0
176	59.7	0.0	130.8

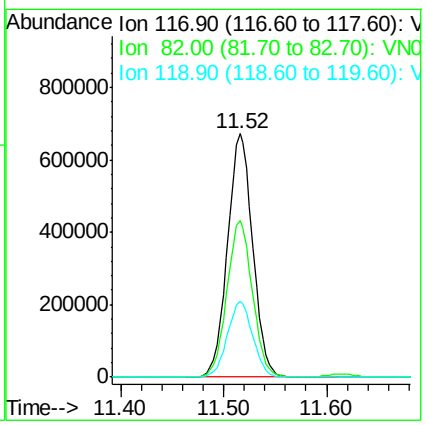


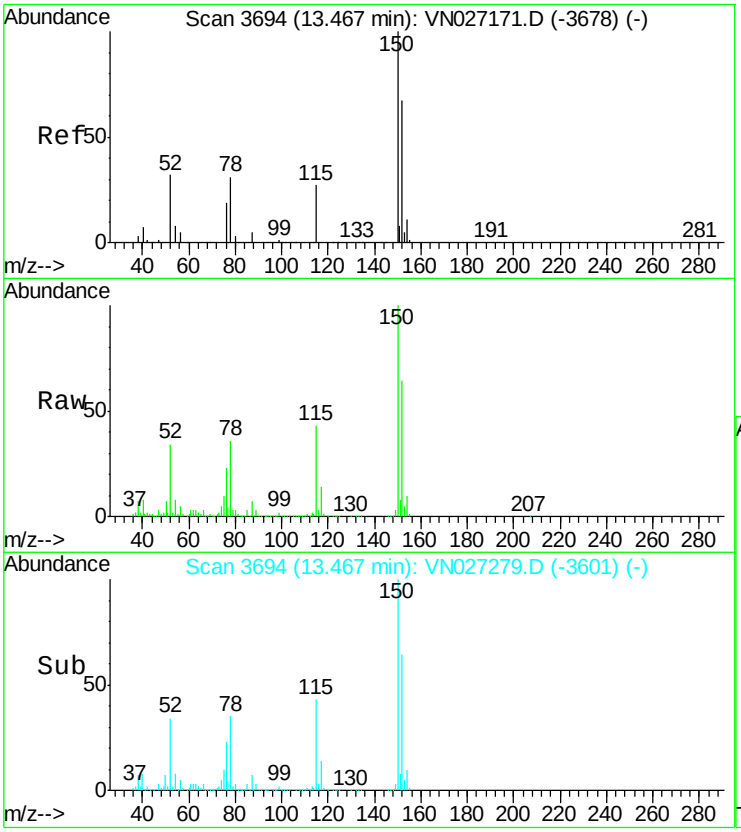


#64
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:117 Resp: 1140803

Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.6	74.4
119	31.1	24.6	36.8



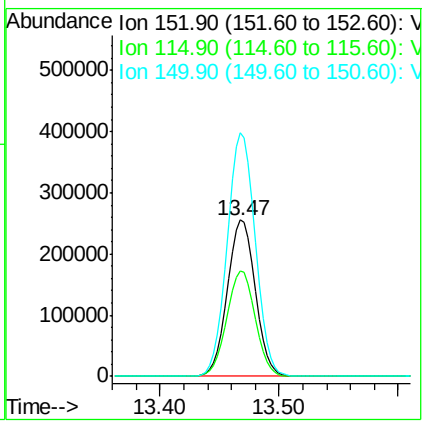


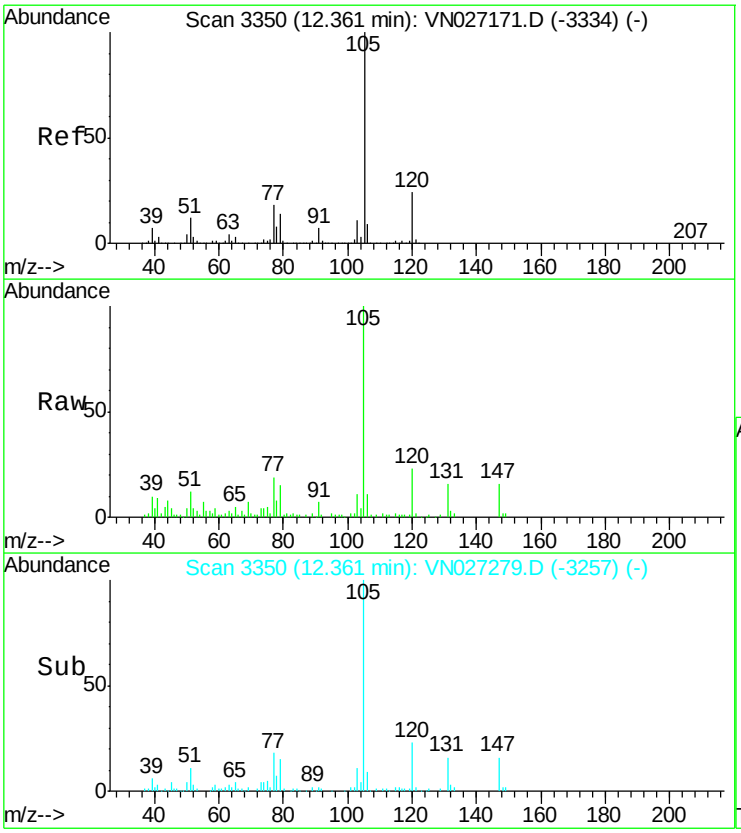
#73
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.47 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 416316

Ion	Ratio	Lower	Upper
152	100		
115	68.0	30.8	92.3
150	156.5	0.0	345.0

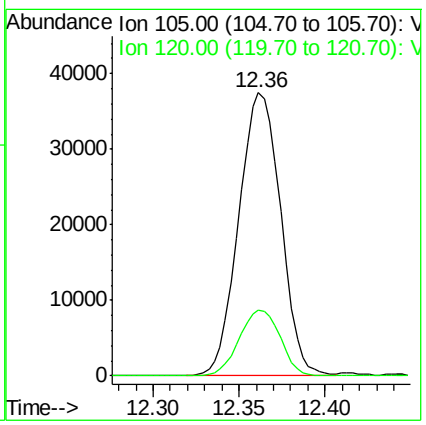


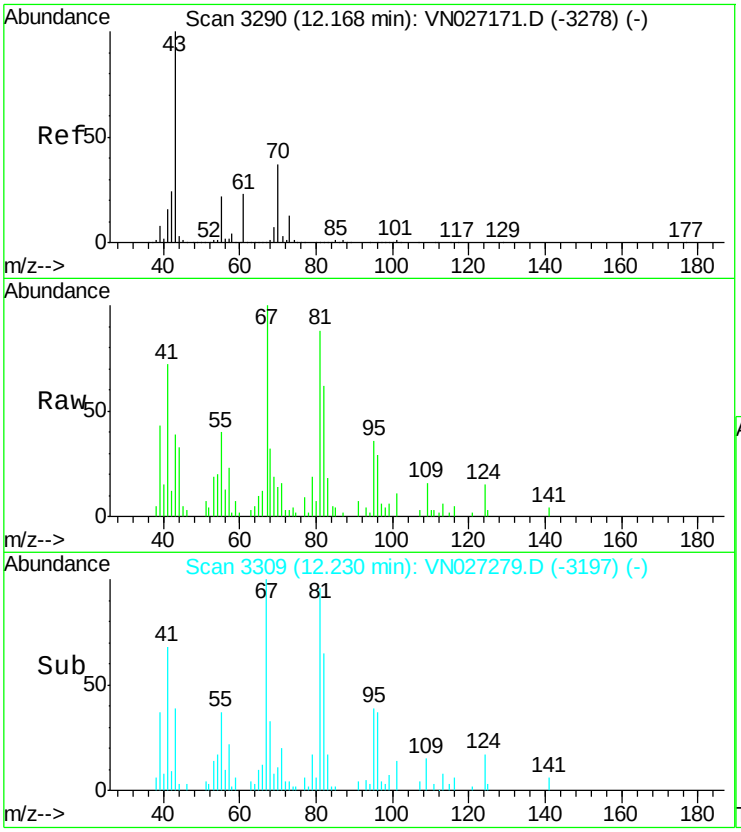


#74
Isopropylbenzene
Concen: 1.38 ug/l
RT: 12.36 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:105 Resp: 63380

Ion	Ratio	Lower	Upper
105	100		
120	22.5	12.4	37.2



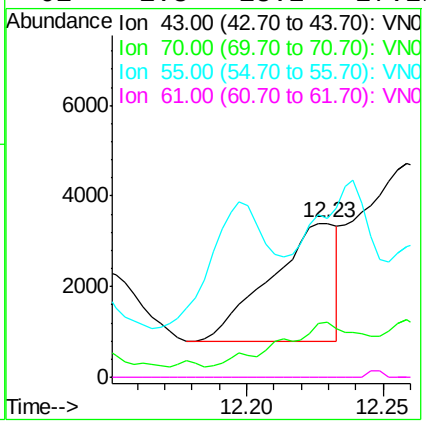


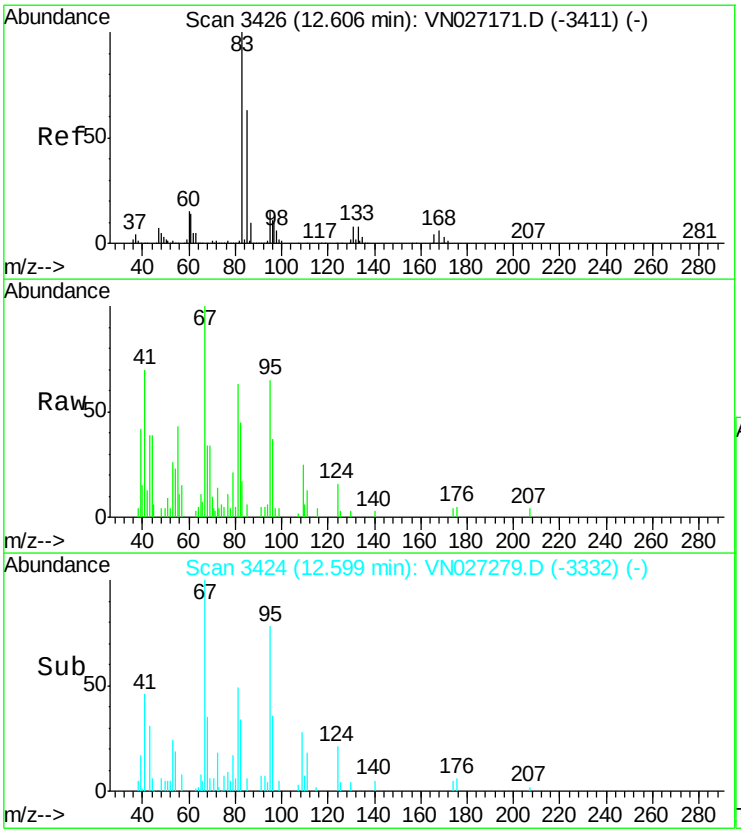
#75
N-amyl acetate
Concen: 0.21 ug/l
RT: 12.23 min Scan# 3309
Delta R.T. 0.06 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 43 Resp: 4392

Ion	Ratio	Lower	Upper
43	100		
70	45.6	29.8	44.8#
55	43.2	19.4	29.0#
61	1.3	18.2	27.2#

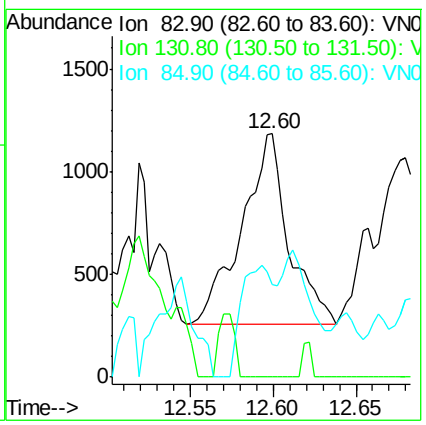


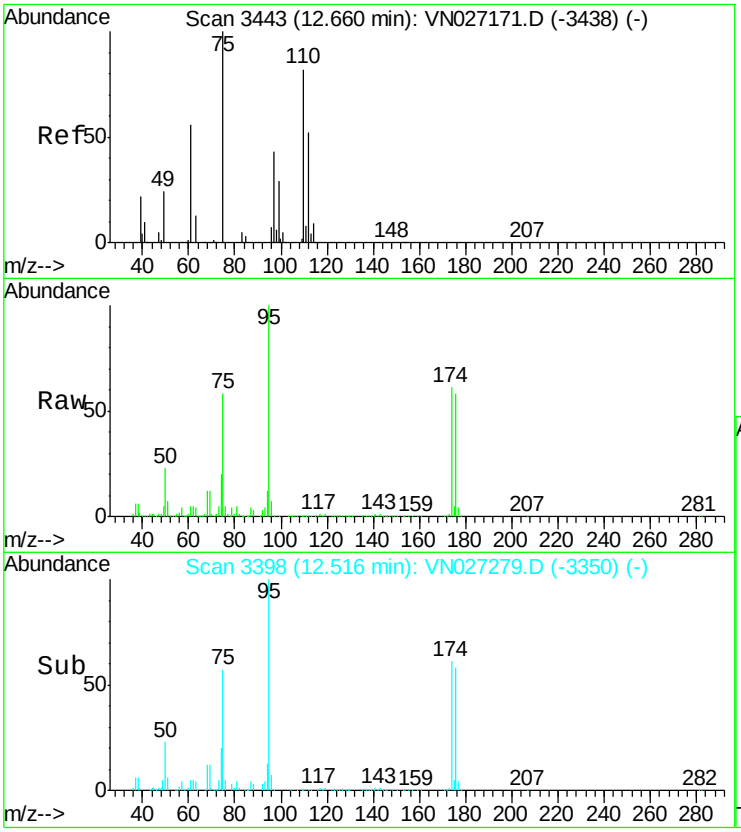


#76
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.60 min Scan# 3424
Delta R.T. -0.01 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 83 Resp: 1849

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.1	12.3#
85	41.8	31.9	95.7



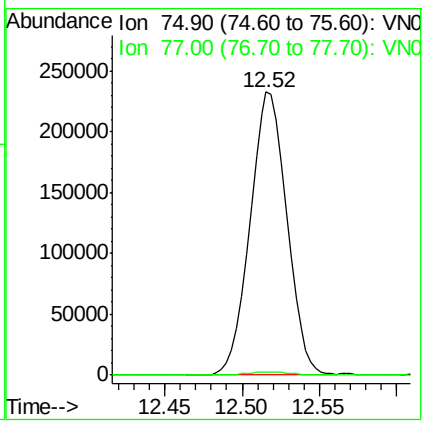


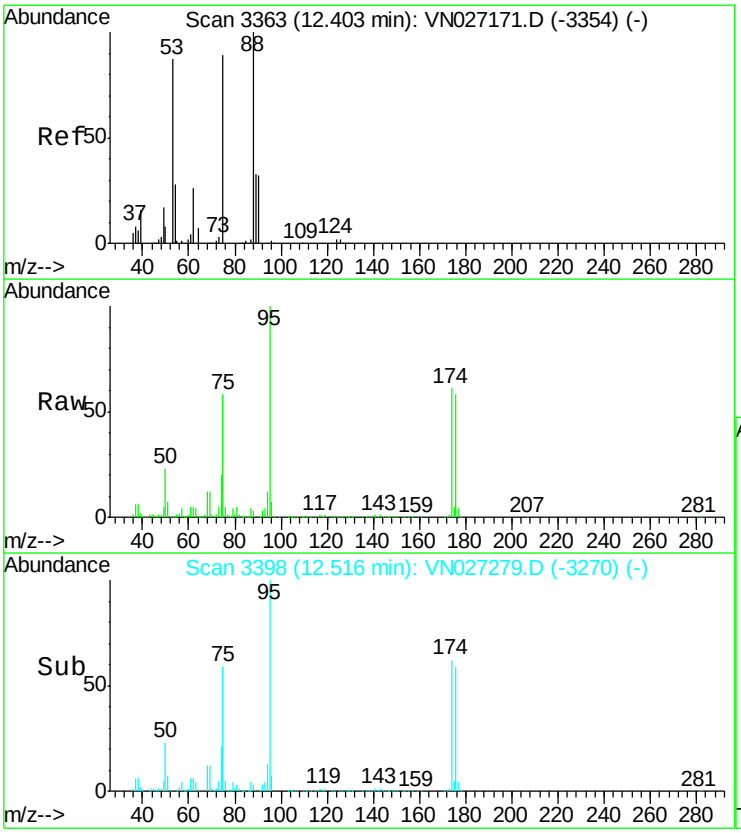
#77
1,2,3-Trichloropropane
Concen: 30.61 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. -0.14 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 385116

Ion	Ratio	Lower	Upper
75	100		
77	1.1	103.1	309.3#

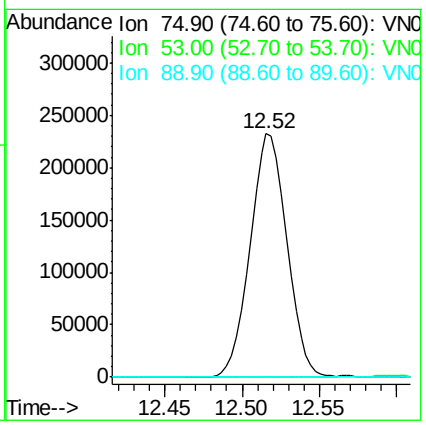


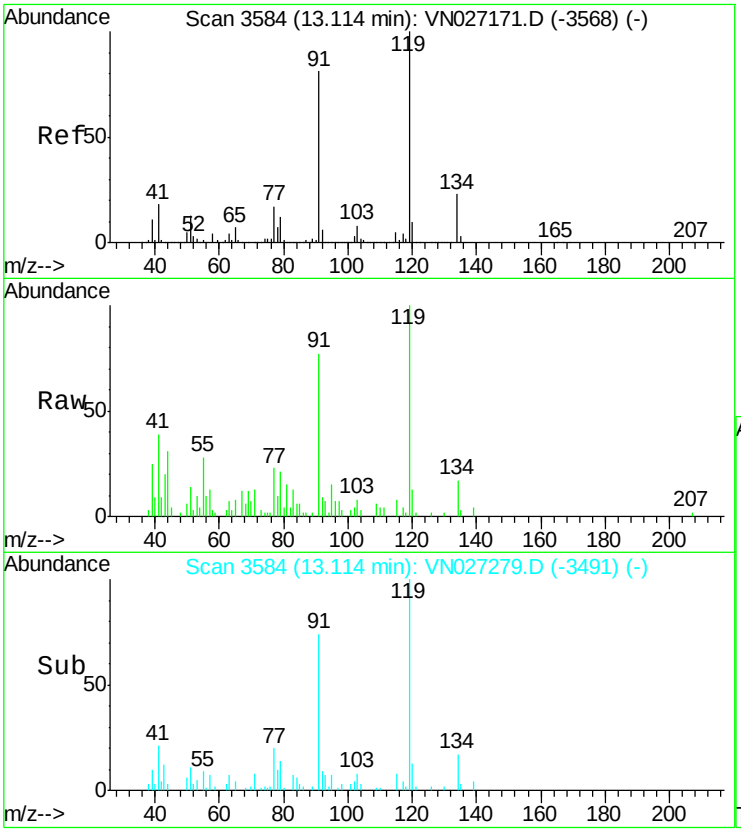


#82
trans-1,4-Dichloro-2-butene
Concen: 75.18 ug/l
RT: 12.52 min Scan# 3398
Delta R.T. 0.11 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 75 Resp: 385116

Ion	Ratio	Lower	Upper
75	100		
53	0.0	92.9	139.3#
89	0.0	34.2	51.4#



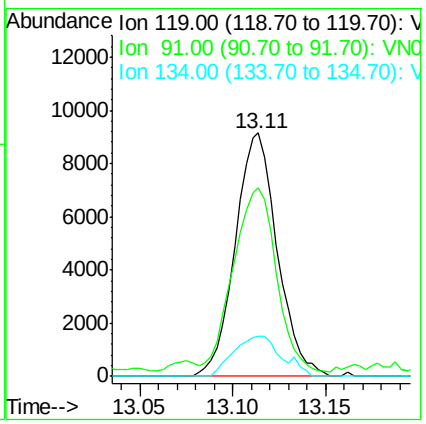


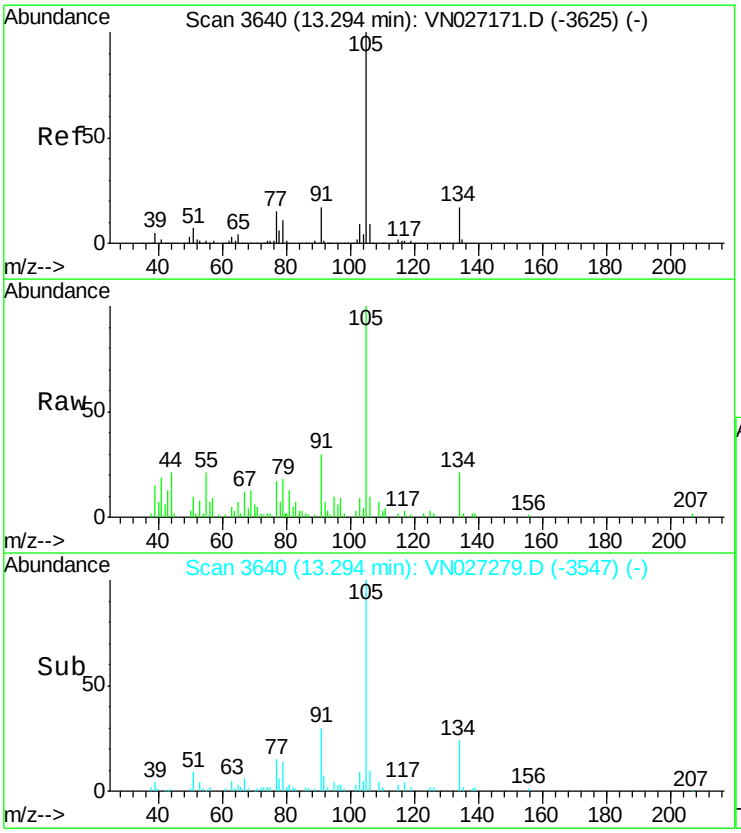
#84
tert-Butylbenzene
Concen: 0.47 ug/l
RT: 13.11 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:119 Resp: 14375

Ion	Ratio	Lower	Upper
119	100		
91	77.2	34.6	103.8
134	18.9	11.4	34.2

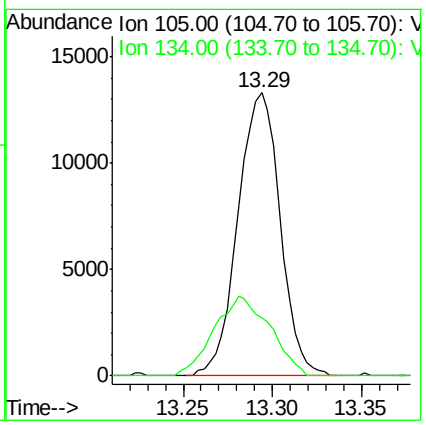


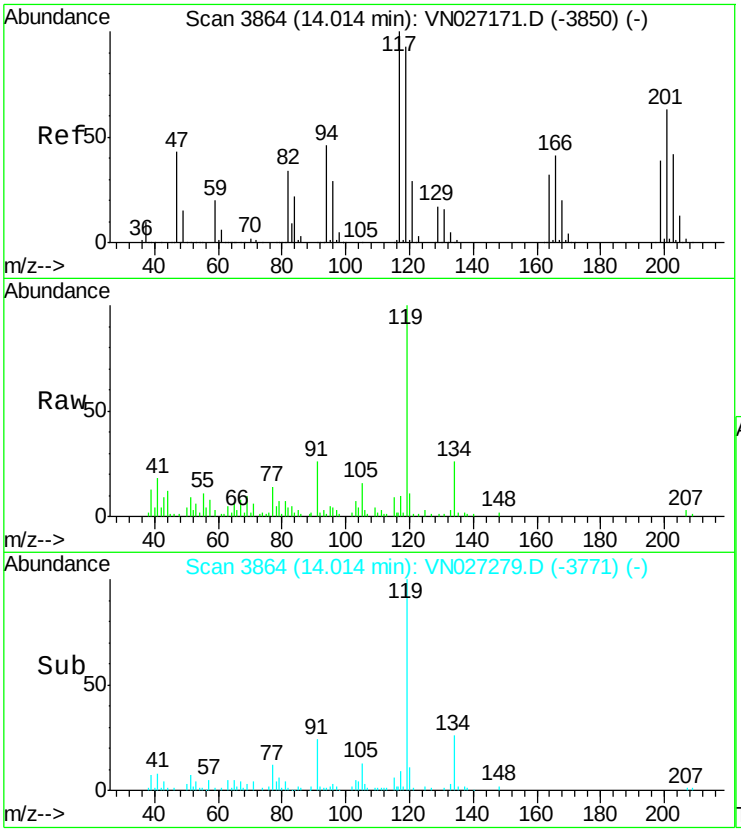


#86
sec-Butylbenzene
Concen: 0.49 ug/l
RT: 13.29 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion:105 Resp: 21969

Ion	Ratio	Lower	Upper
105	100		
134	37.1	8.8	26.4#



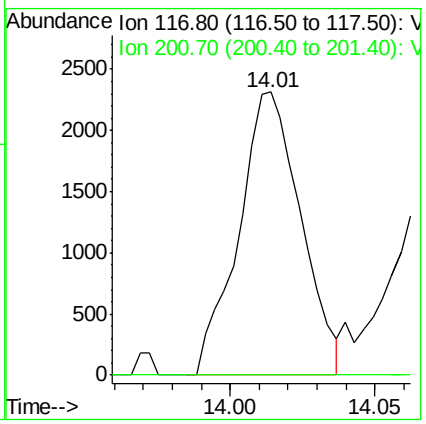


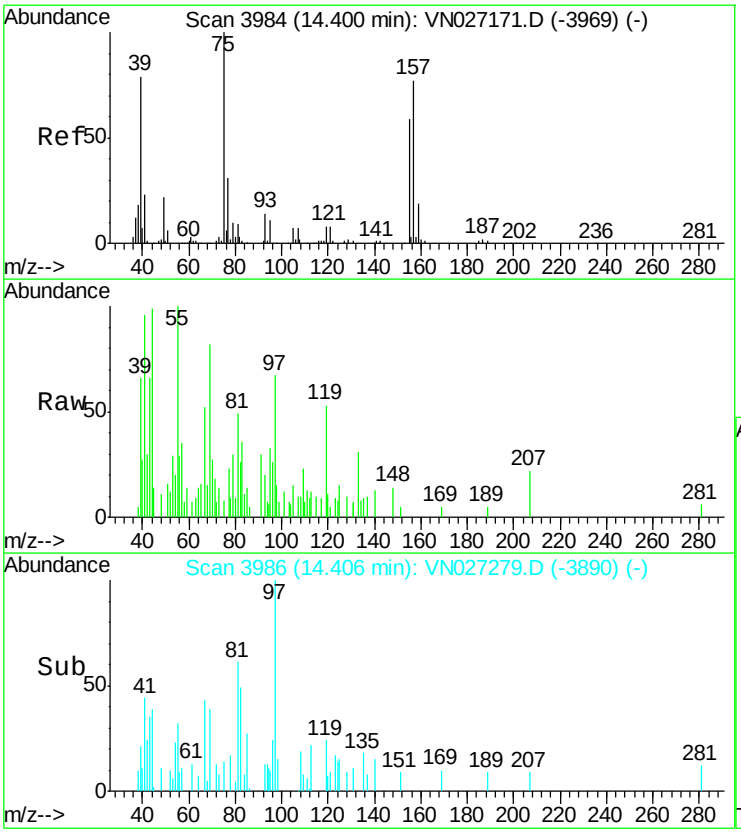
#91
Hexachloroethane
Concen: 0.46 ug/l
RT: 14.01 min Scan# 3864
Delta R.T. 0.00 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion:117 Resp: 3456

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.9	104.7#





#93
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.41 min Scan# 3986
Delta R.T. 0.01 min
Lab File: VN027279.D
Acq: 18 Sep 2015 3:10

Tgt Ion: 75 Resp: 455

Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.6	106.9#
157	0.0	44.6	133.8#