Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050326.D
Acq On : 3 Aug 2018 20:47
Operator : MD\SY
Sample : PB111719ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Quant Time: Aug 03 23:30:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	651343	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1089184	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	934624	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386526	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	465248	51.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.40%				
35) Dibromofluoromethane	7.59	113	409188	46.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.02%				
50) Toluene-d8	10.09	98	1481561	45.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.64%				
62) 4-Bromofluorobenzene	12.40	95	427070	39.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.34%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	3844	0.38	ug/l		96
5) Bromomethane	2.56	94	4126	Below Cal			97
8) Diethyl Ether	3.41	74	1089	0.24	ug/l	#	48
13) Acrolein	3.61	56	608	1.13	ug/l		90
16) Acetone	3.82	43	49293	19.02	ug/l		98
18) Methyl Acetate	4.34	43	21122	0.94	ug/l		98
20) Methylene Chloride	4.55	84	33744	3.01	ug/l		98
25) 2-Butanone	6.85	43	6862	1.98	ug/l		99
29) Tetrahydrofuran	7.23	42	1812	0.81	ug/l	#	56
31) Cyclohexane	7.67	56	12027	0.89	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	45382	3.70	ug/l	#	48
37) Ethyl Acetate	6.85	43	6862	0.80	ug/l	#	67
38) Carbon Tetrachloride	7.67	117	57894	4.45	ug/l	#	16
41) Methacrylonitrile	7.23	41	1017	2.96	ug/l	#	37
43) Isopropyl Acetate	8.17	43	355343	21.39	ug/l	#	90
48) Methyl methacrylate	9.18	41	10039	1.36	ug/l	#	22
49) 1,4-Dioxane	9.20	88	243	2.42	ug/l	#	62
51) 4-Methyl-2-Pentanone	9.99	43	2745	0.33	ug/l		98
56) Ethyl methacrylate	10.23	69	3301	2.30	ug/l	#	83
59) 2-Hexanone	10.77	43	21989	8.66	ug/l	#	56
70) Styrene	11.97	104	284	0.93	ug/l	#	78
71) Bromoform	12.40	173	3215	0.49	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	187	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	207537	28.89	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	207537	91.64	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.25	75	127	Below Cal		#	1
95) Naphthalene	15.13	128	261	4.43	ug/l	#	69

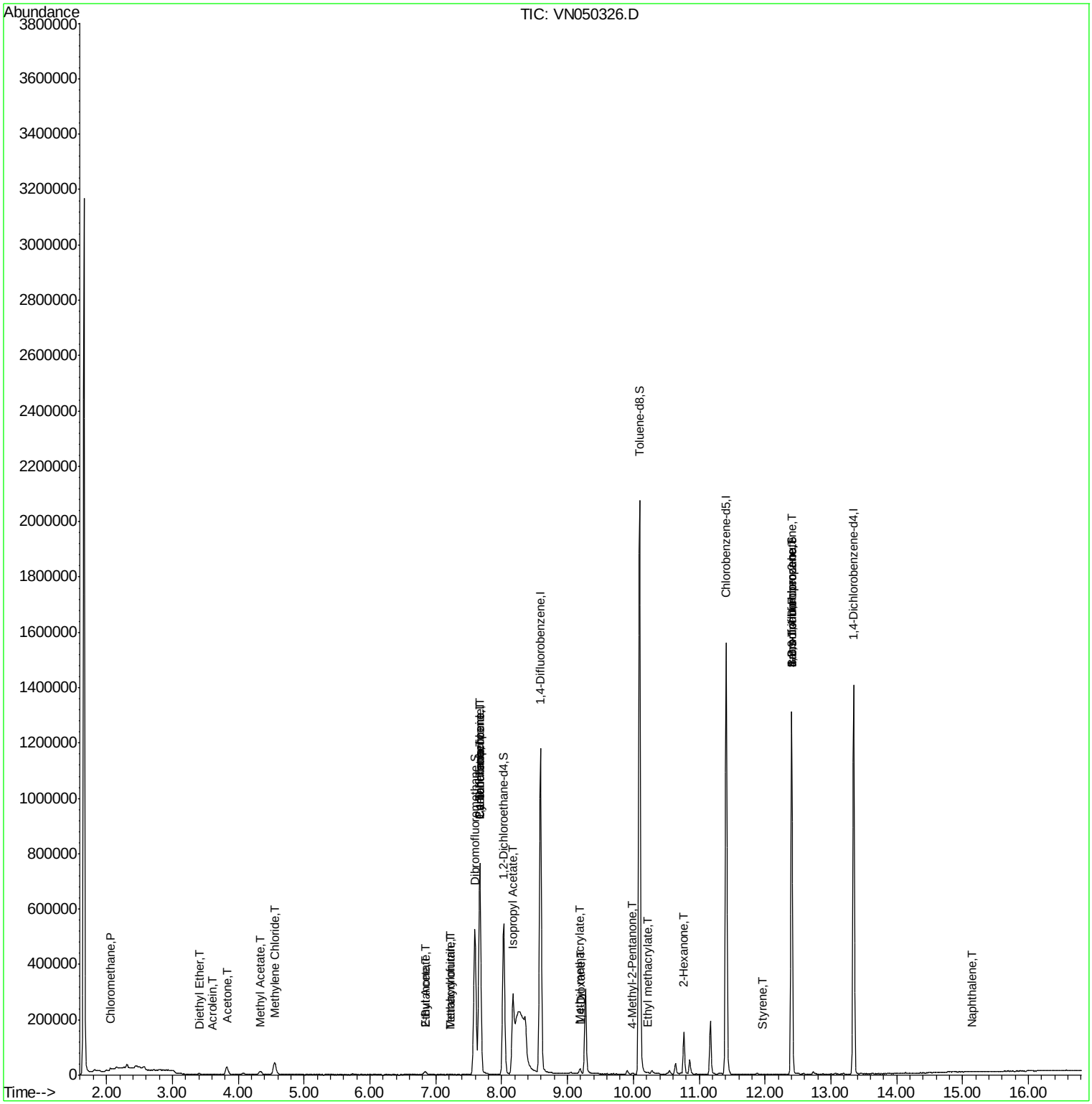
(#) = qualifier out of range (m) = manual integration (+) = signals summed

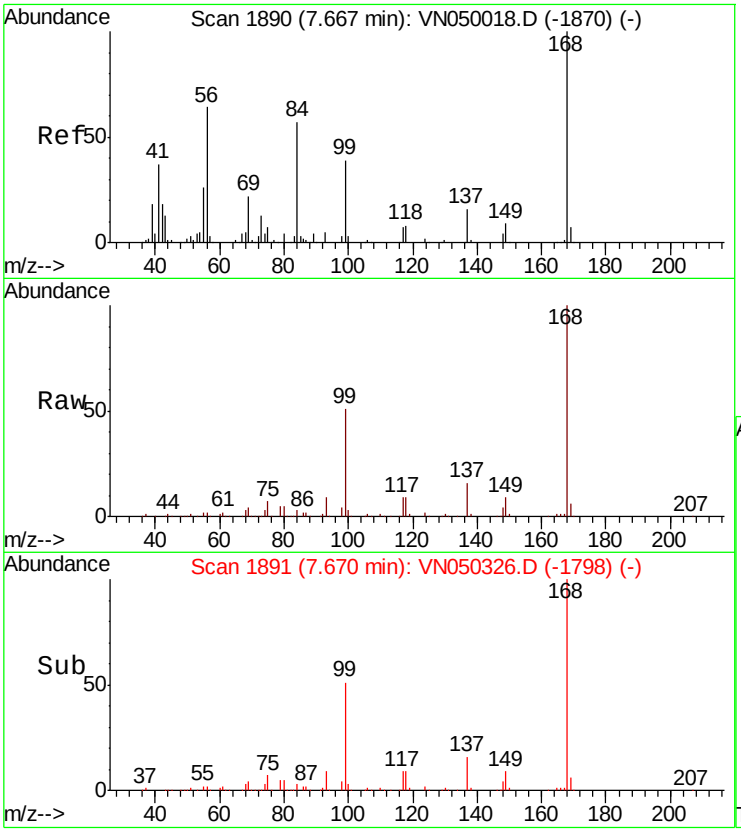
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050326.D
Acq On : 3 Aug 2018 20:47
Operator : MD\SY
Sample : PB111719ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Quant Time: Aug 03 23:30:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration



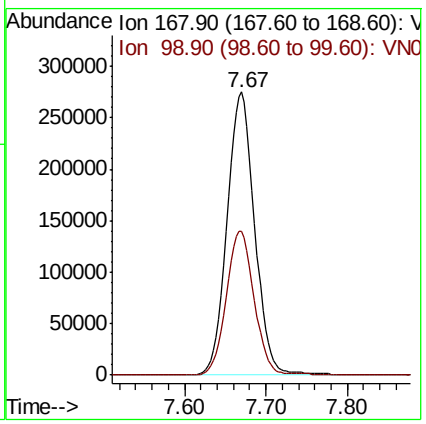


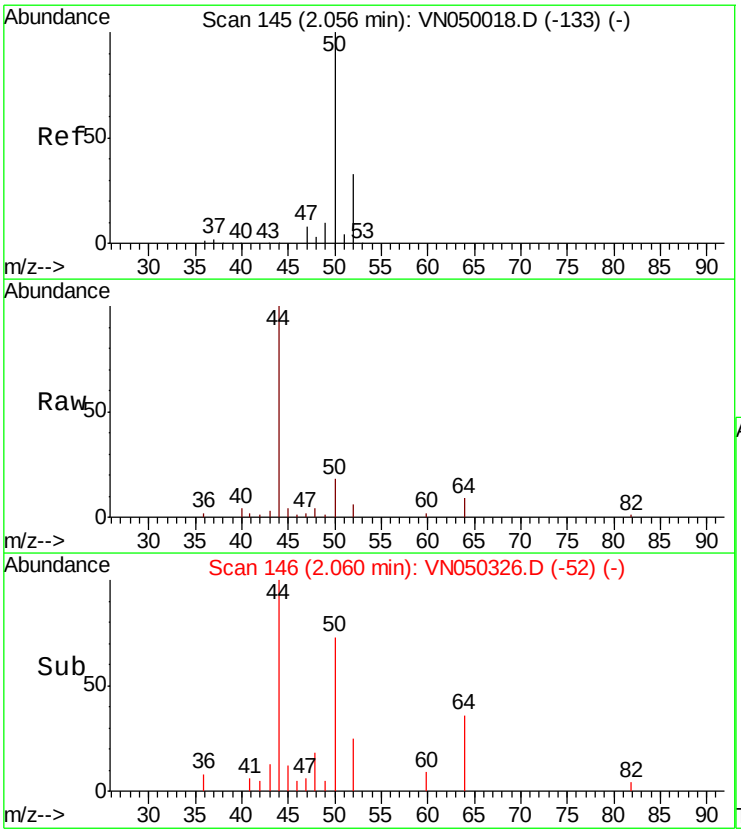
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion:168 Resp: 651343

Ion	Ratio	Lower	Upper
168	100		
99	50.8	40.0	60.0

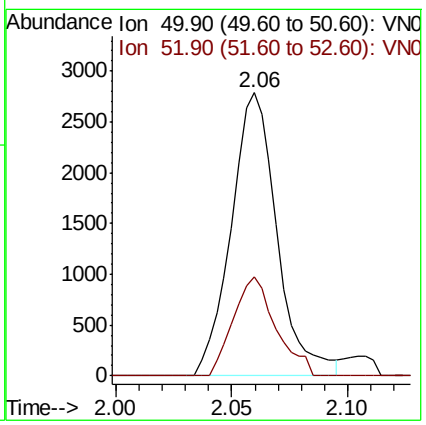


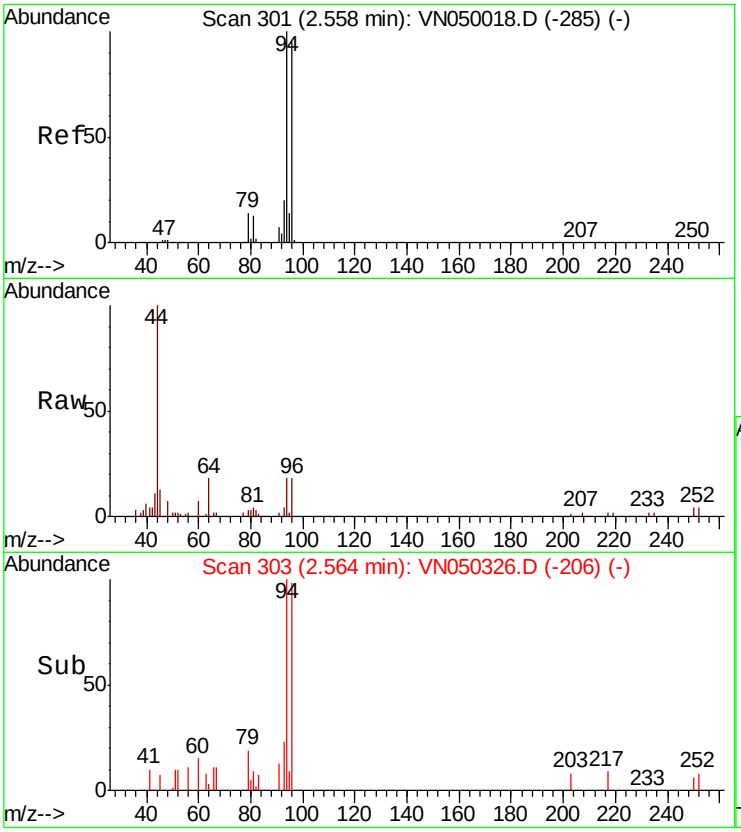


#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 50 Resp: 3844

Ion	Ratio	Lower	Upper
50	100		
52	34.9	25.9	38.9



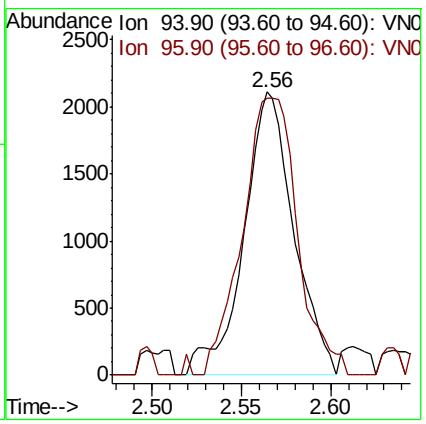


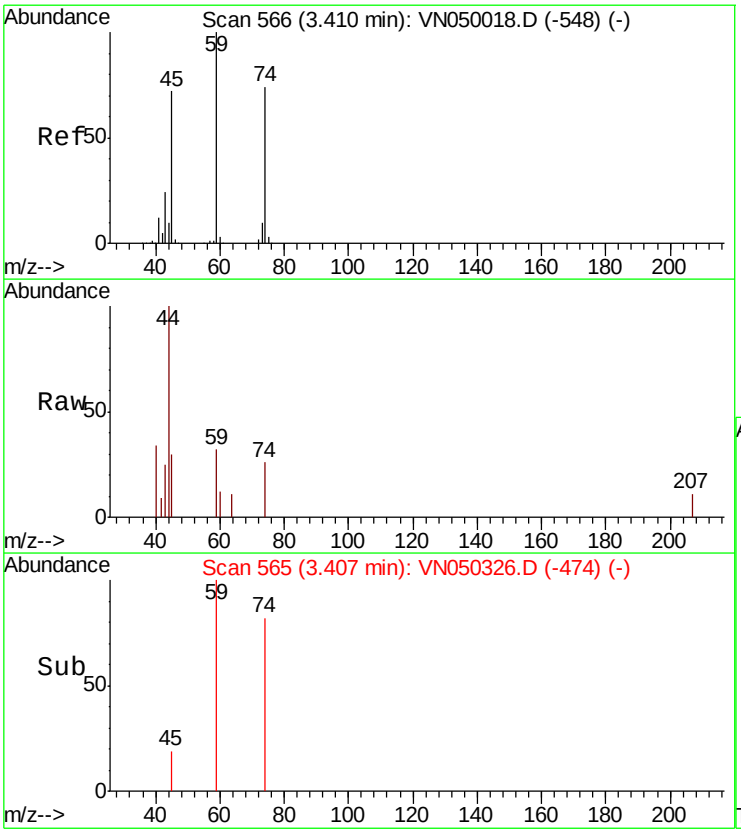
#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 303
Delta R.T. 0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 94 Resp: 4126

Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.6	112.0

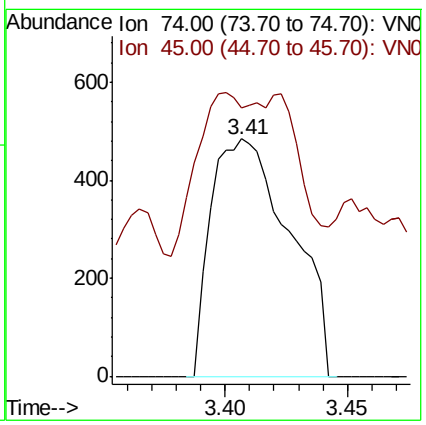


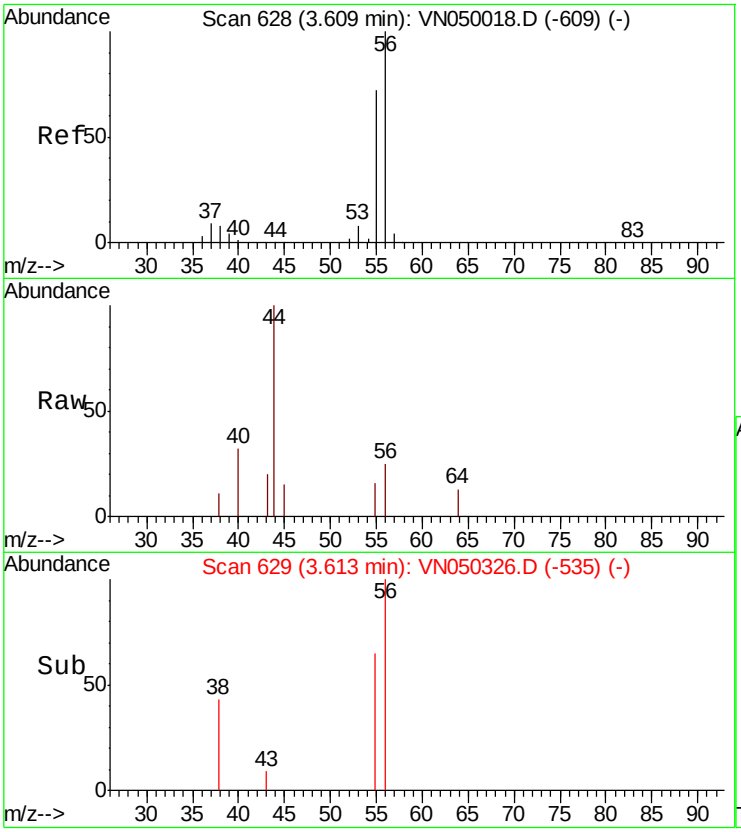


#8
Diethyl Ether
Concen: 0.24 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 74 Resp: 1089

Ion	Ratio	Lower	Upper
74	100		
45	44.3	47.6	142.8#



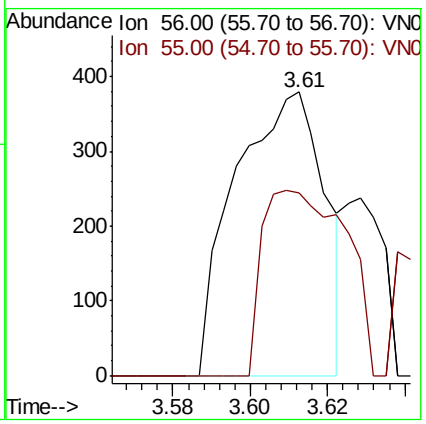


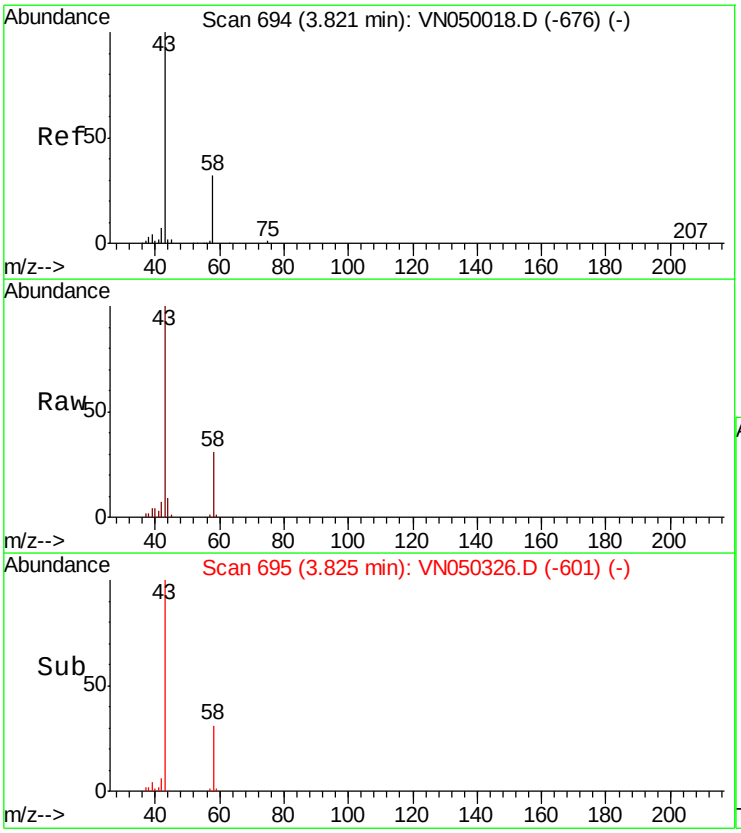
#13
Acrolein
Concen: 1.13 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 56 Resp: 608

Ion	Ratio	Lower	Upper
56	100		
55	61.3	55.8	83.6

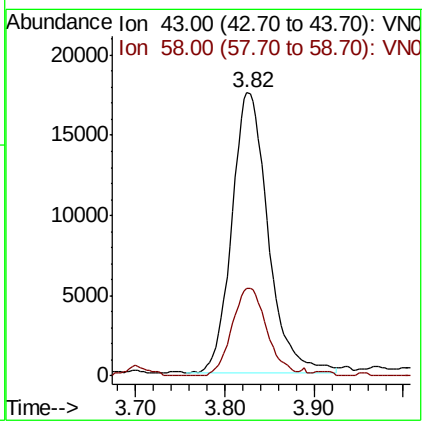


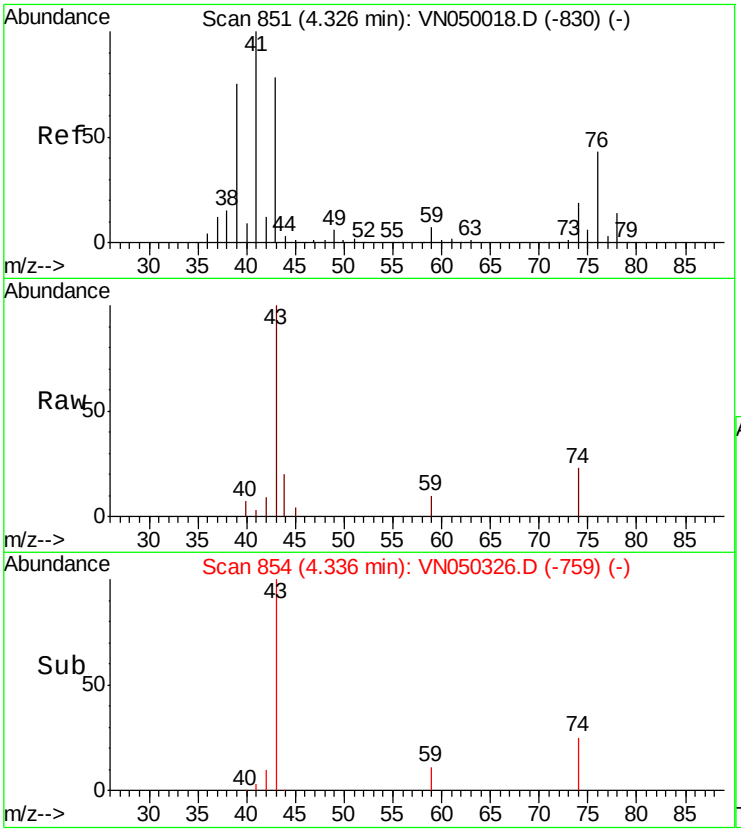


#16
Acetone
Concen: 19.02 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 43 Resp: 49293

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.8	38.8



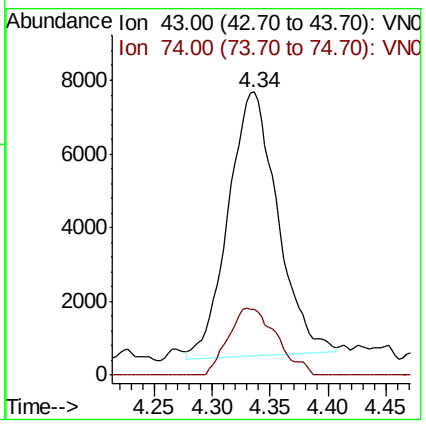


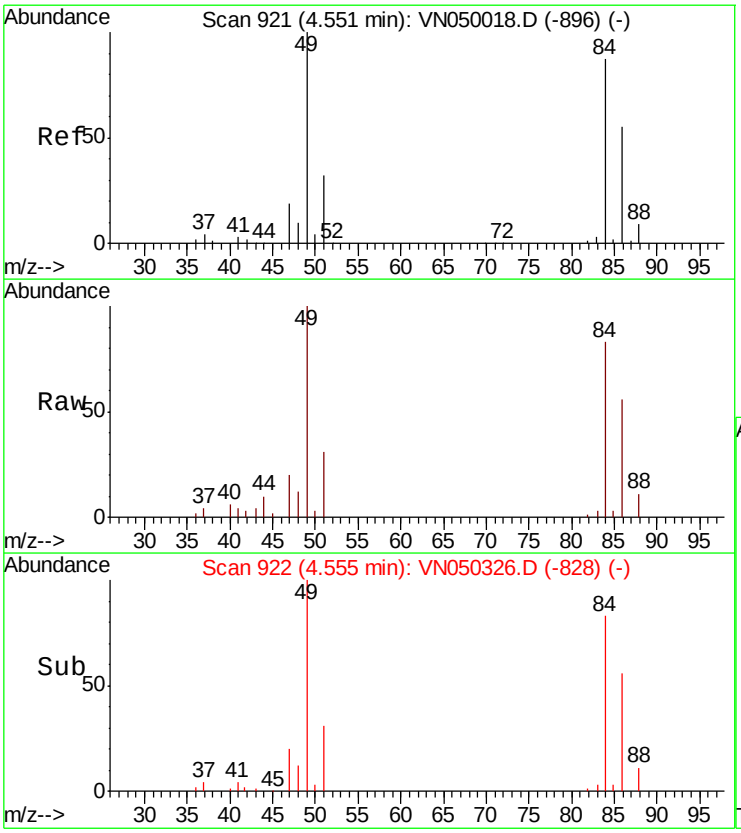
#18
Methyl Acetate
Concen: 0.94 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion: 43 Resp: 21122

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.2	28.8

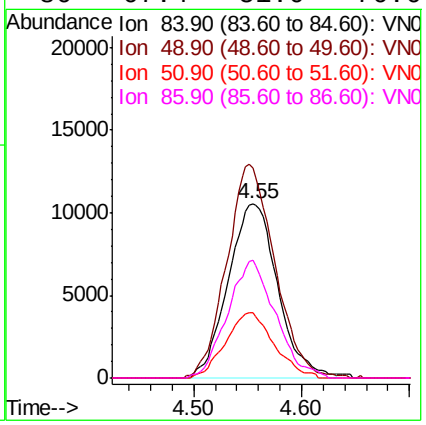


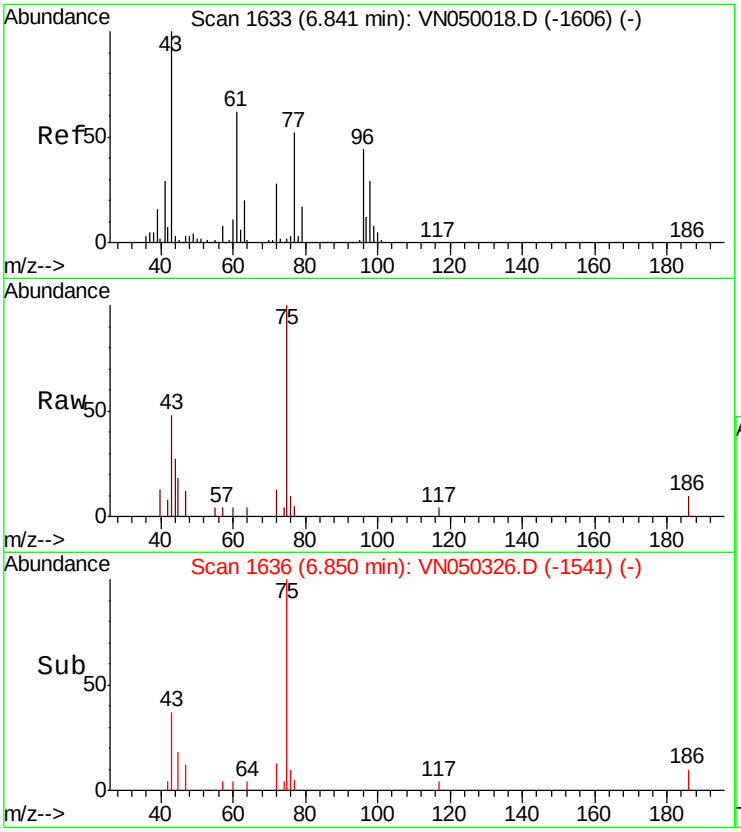


#20
Methylene Chloride
Concen: 3.01 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 84 Resp: 33744

Ion	Ratio	Lower	Upper
84	100		
49	118.5	94.8	142.2
51	37.5	28.3	42.5
86	67.4	51.0	76.6



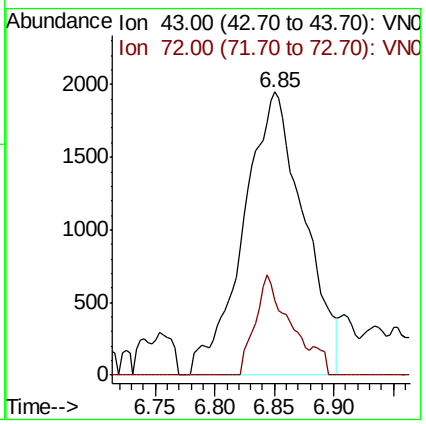


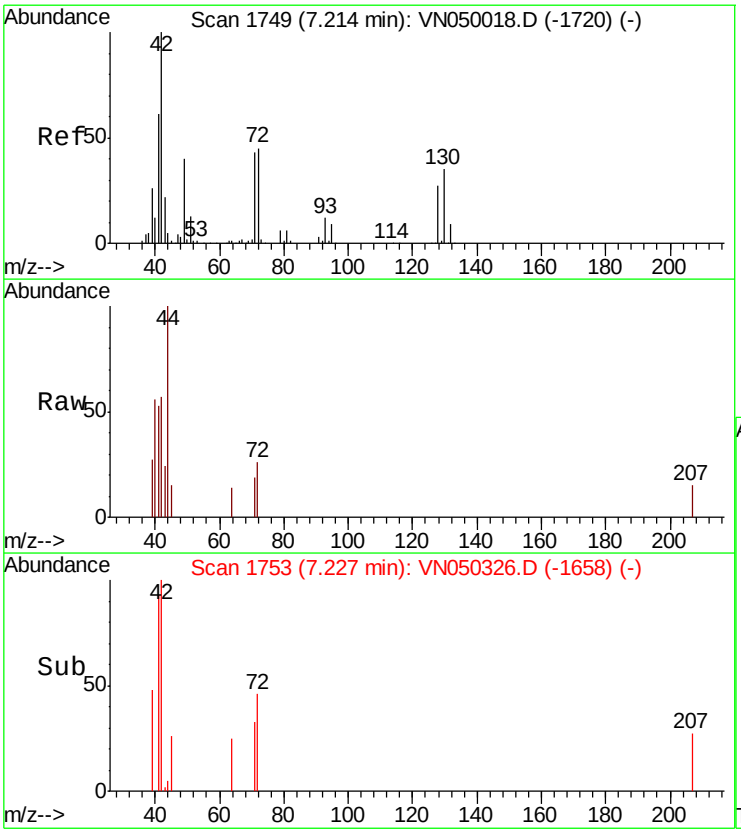
#25
2-Butanone
Concen: 1.98 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 43 Resp: 6862

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.5	32.3

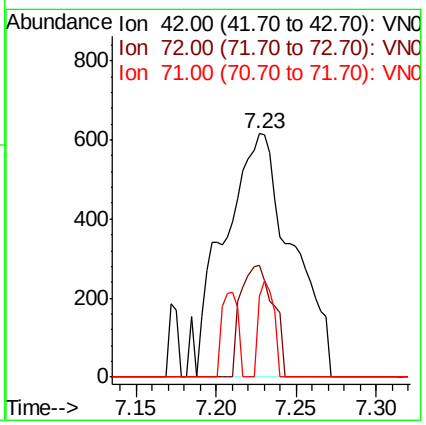


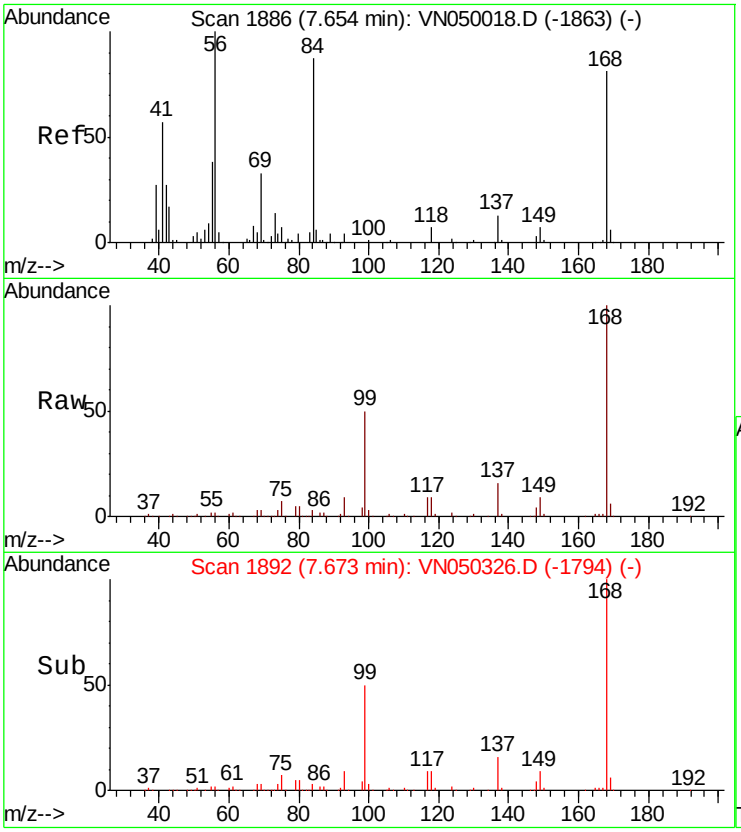


#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 42 Resp: 1812

Ion	Ratio	Lower	Upper
42	100		
72	21.5	35.9	53.9#
71	8.9	33.7	50.5#



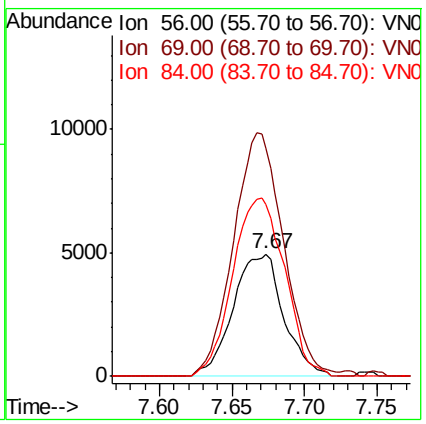


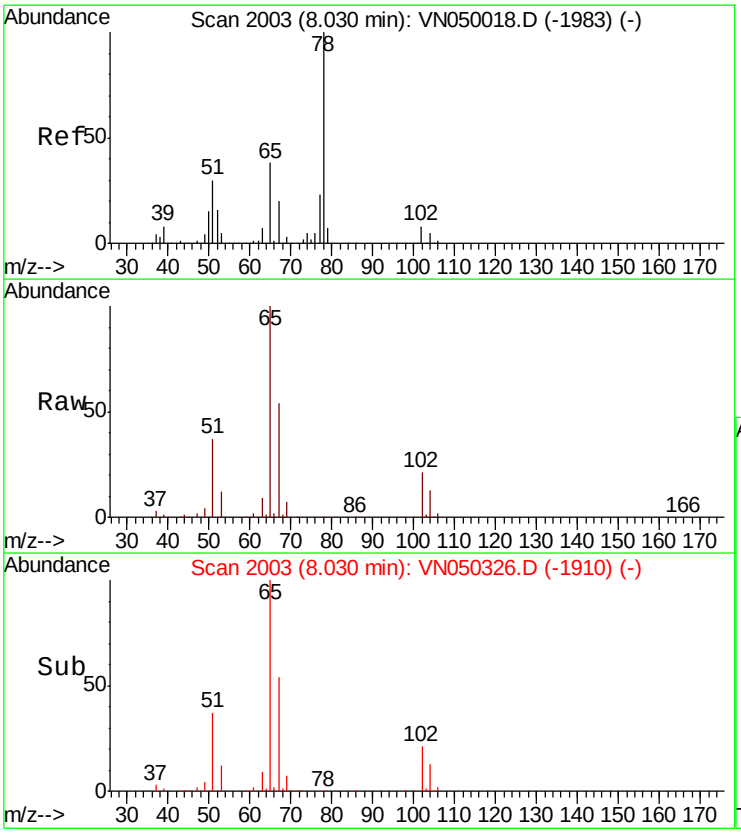
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.67 min Scan# 1892
Delta R.T. 0.02 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion: 56 Resp: 12027

Ion	Ratio	Lower	Upper
56	100		
69	187.2	26.2	39.4#
84	140.3	67.4	101.0#

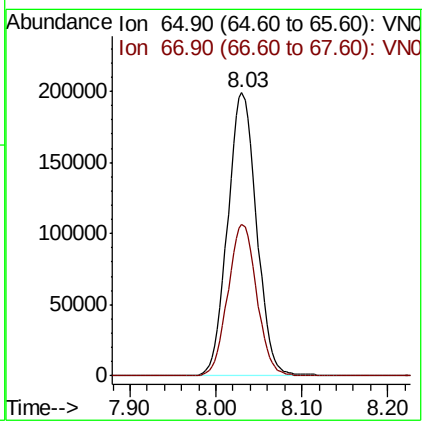


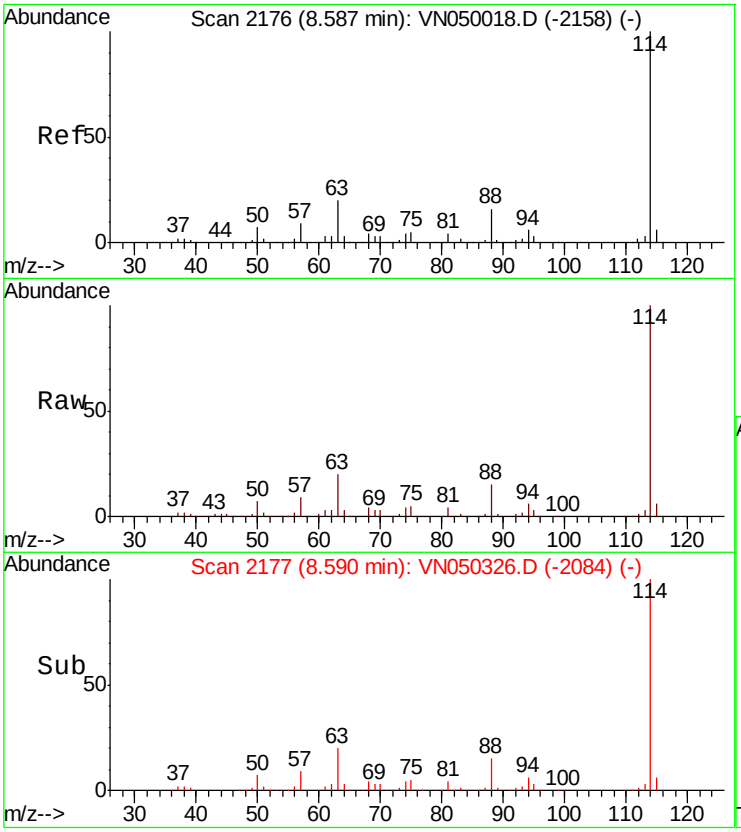


#33
1,2-Dichloroethane-d4
Concen: 51.20 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 65 Resp: 465248

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4



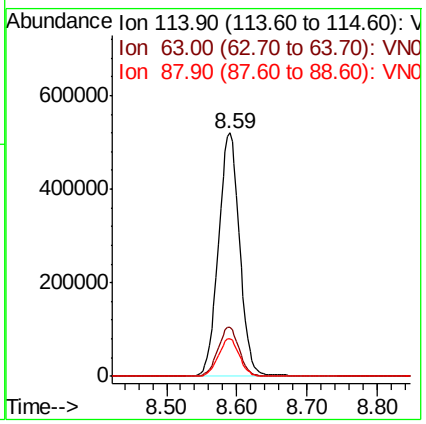


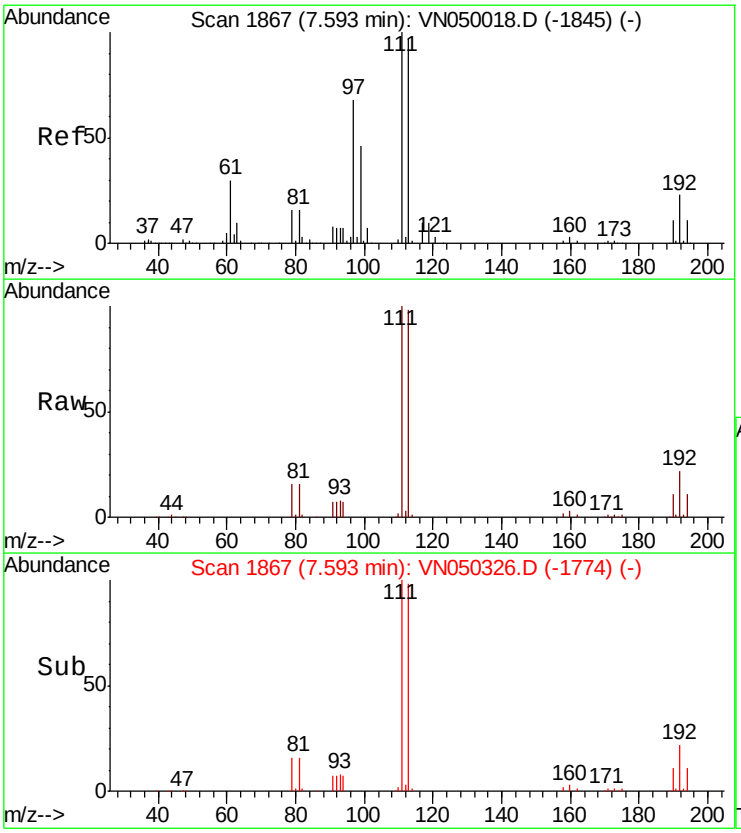
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion:114 Resp: 1089184

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	15.5	0.0	31.2

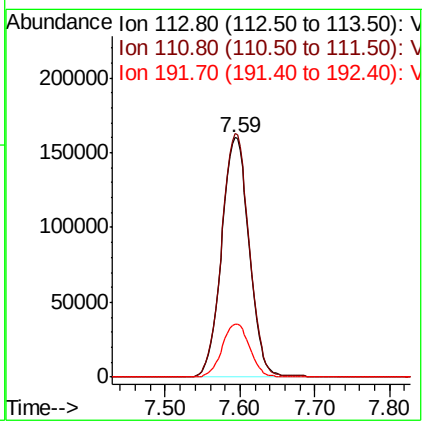


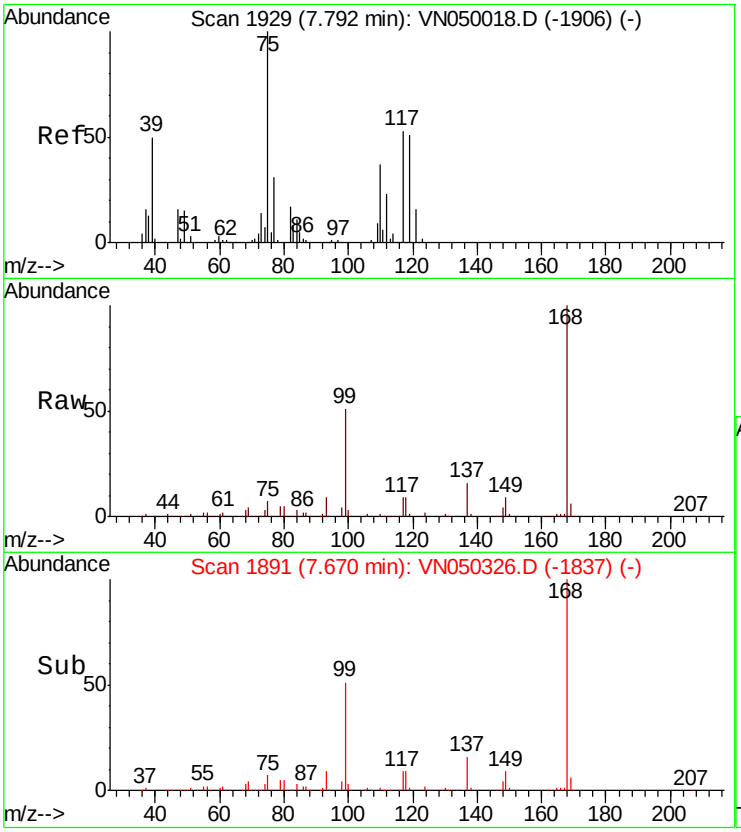


#35
Dibromofluoromethane
Concen: 46.01 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion:113 Resp: 409188

Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	22.2	17.8	26.6



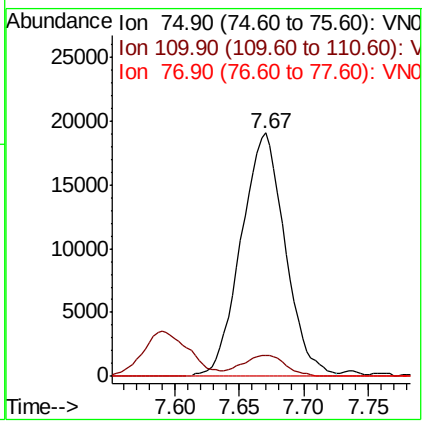


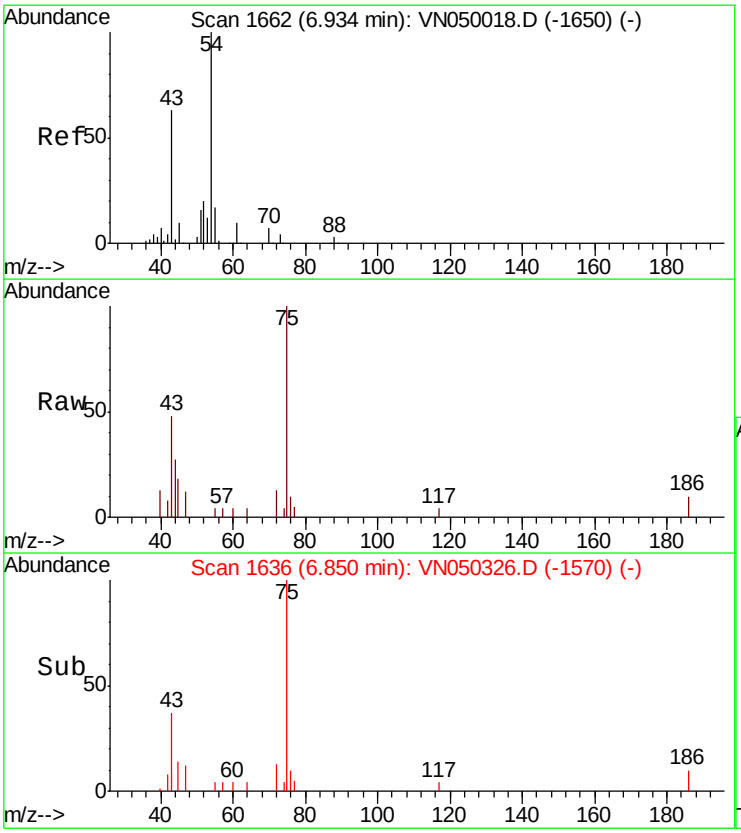
#36
1,1-Dichloropropene
Concen: 3.70 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.13 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 75 Resp: 45382

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.2#
77	0.0	25.3	37.9#

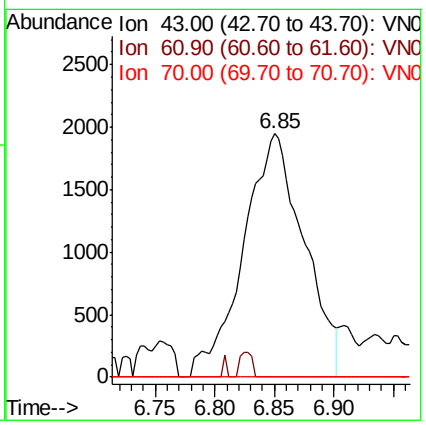


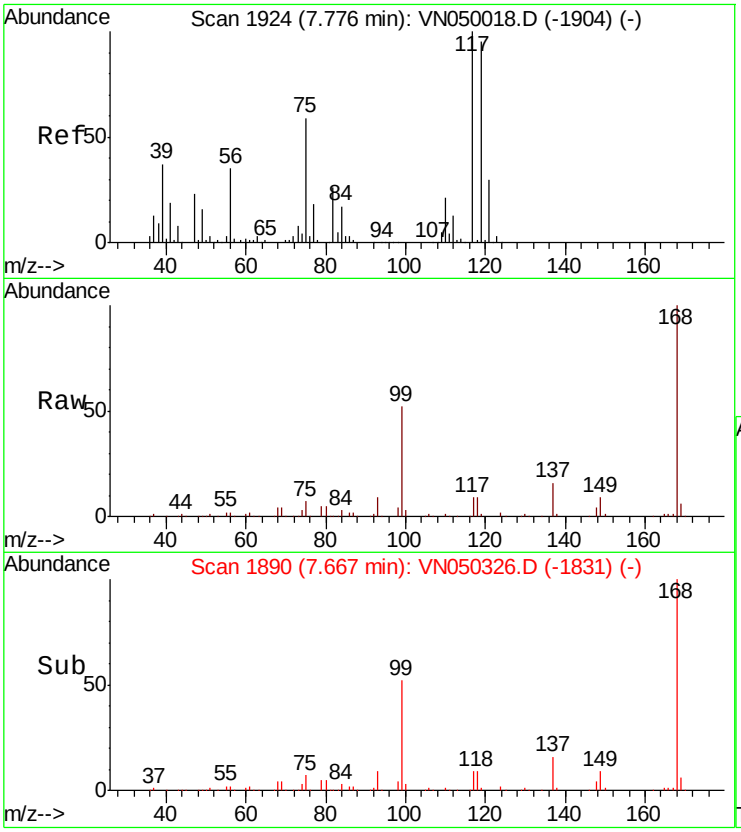


#37
Ethyl Acetate
Concen: 0.80 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.09 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 43 Resp: 6862

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.4	12.6#



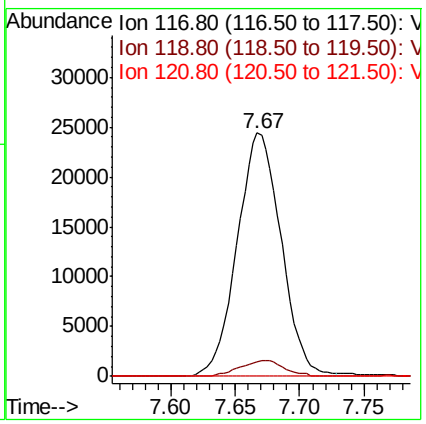


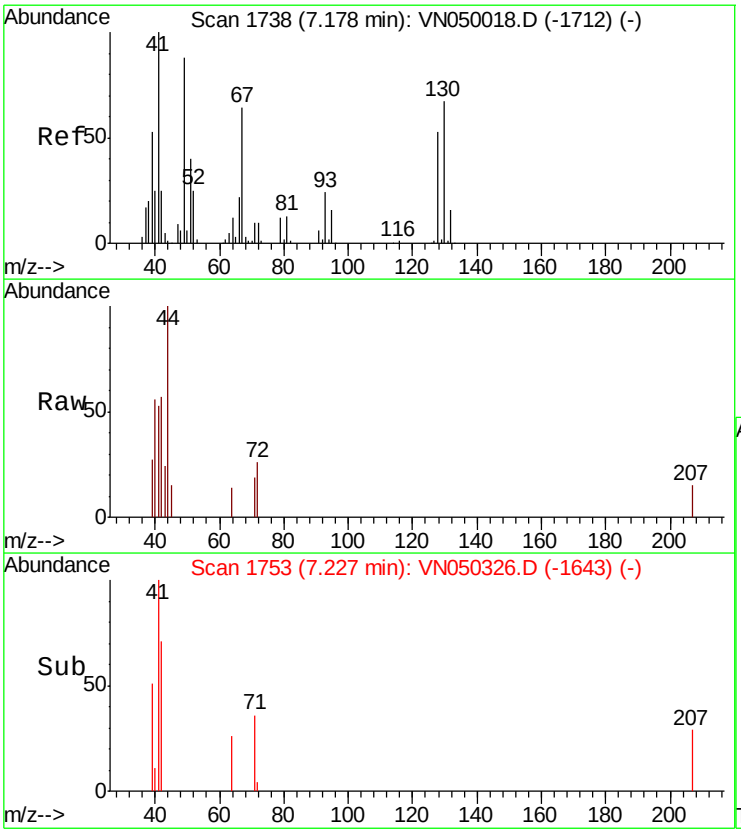
#38
Carbon Tetrachloride
Concen: 4.45 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion:117 Resp: 57894

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
121	0.0	23.9	35.9#

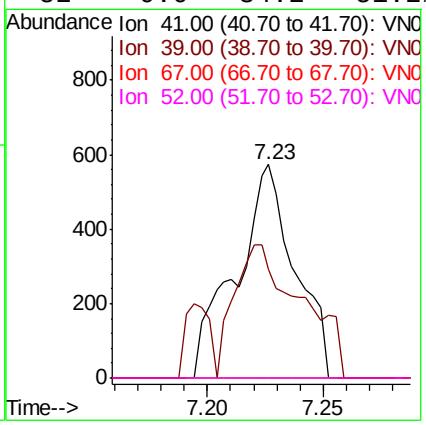


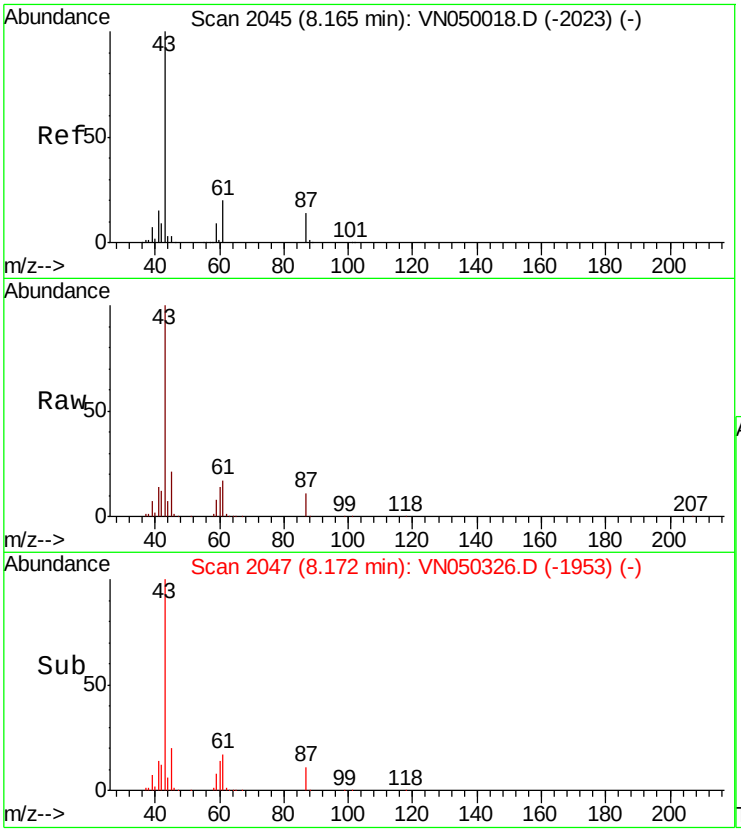


#41
Methacrylonitrile
Concen: 2.96 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.05 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 41 Resp: 1017

Ion	Ratio	Lower	Upper
41	100		
39	70.8	55.8	83.6
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



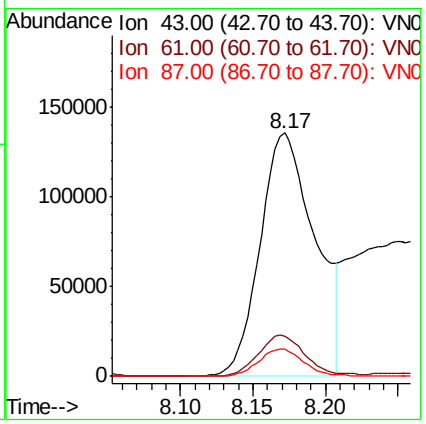


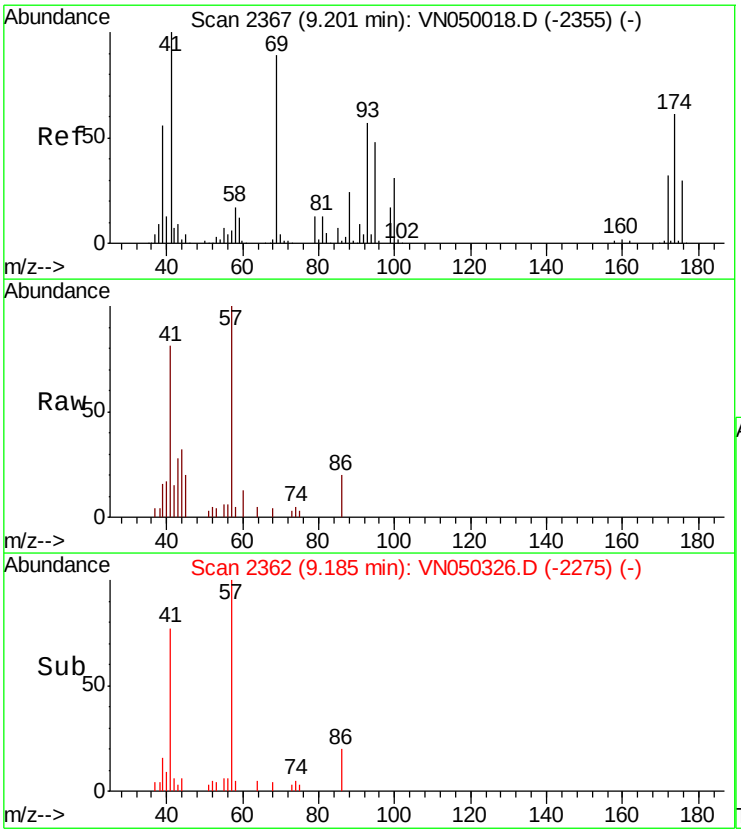
#43
Isopropyl Acetate
Concen: 21.39 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion: 43 Resp: 355343

Ion	Ratio	Lower	Upper
43	100		
61	14.7	15.8	23.6#
87	9.4	10.3	15.5#

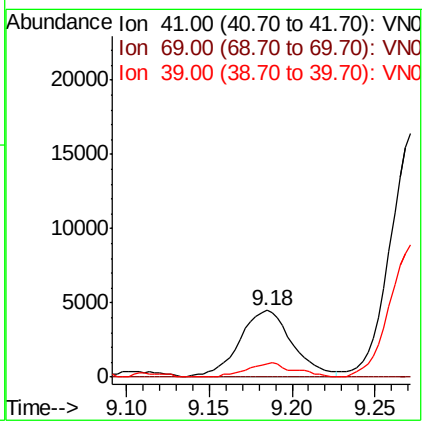


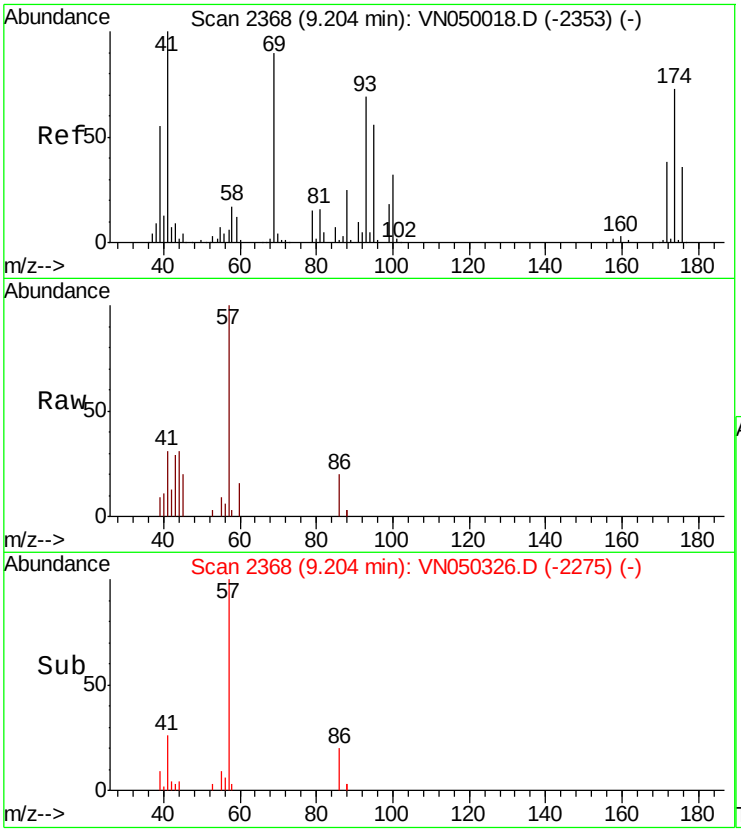


#48
Methyl methacrylate
Concen: 1.36 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 41 Resp: 10039

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	18.6	43.9	65.9#



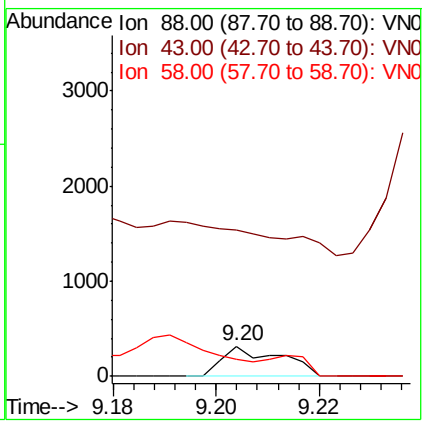


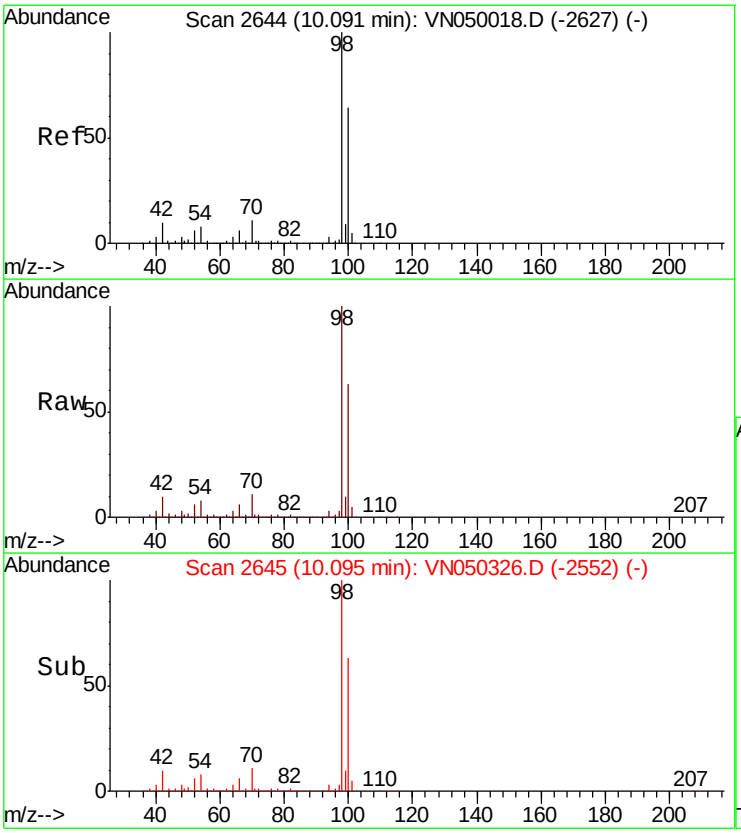
#49
1,4-Dioxane
Concen: 2.42 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion: 88 Resp: 243

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	48.1	57.3	85.9#

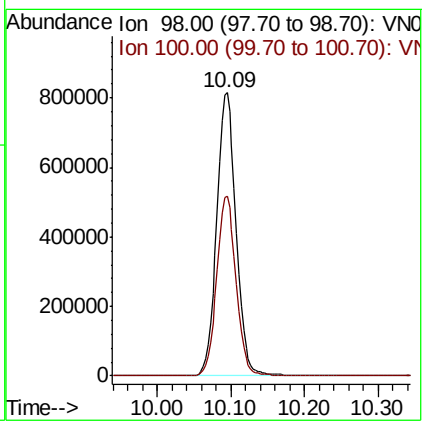


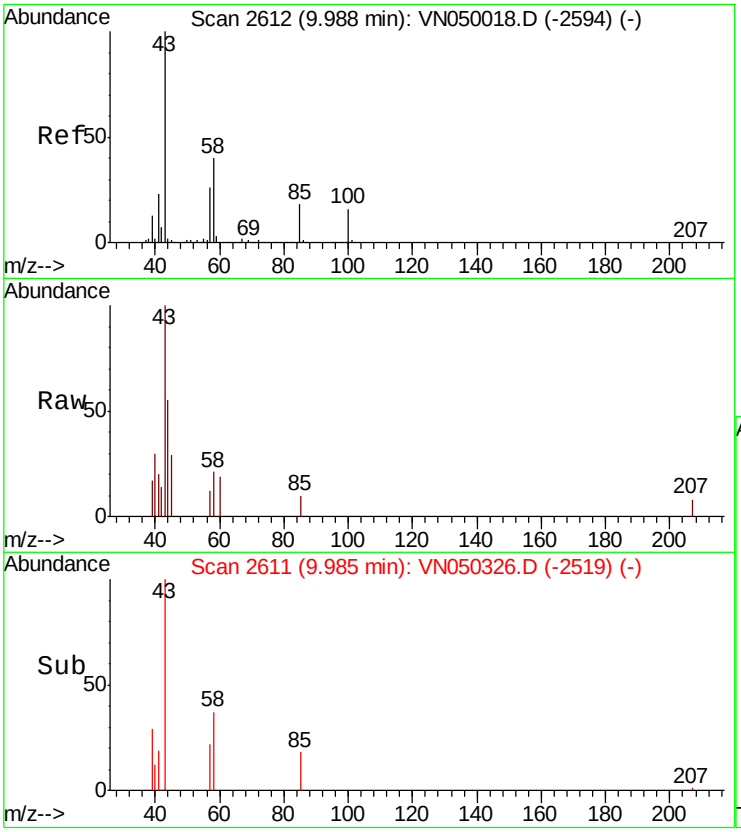


#50
Toluene-d8
Concen: 45.32 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 98 Resp: 1481561

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1



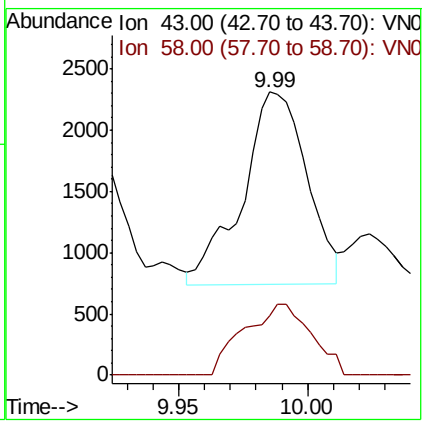


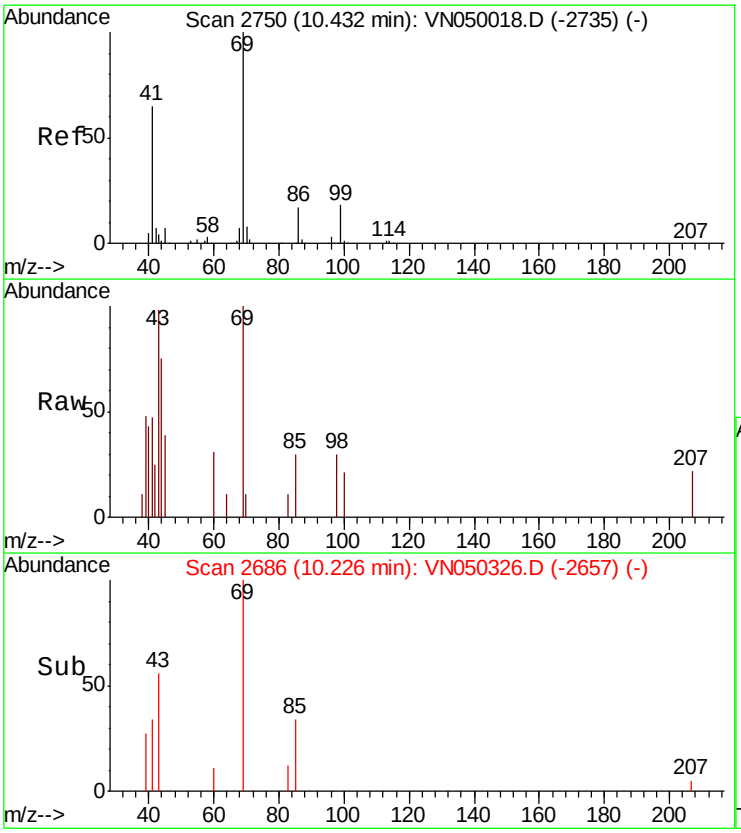
#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 43 Resp: 2745

Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.9	47.9

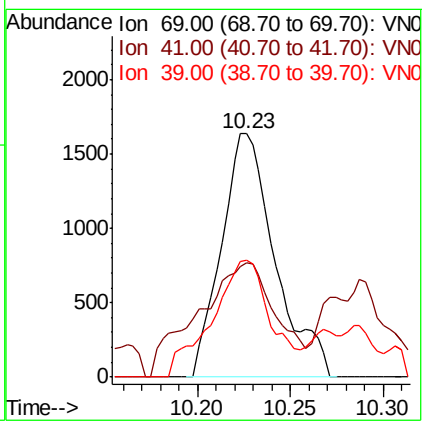


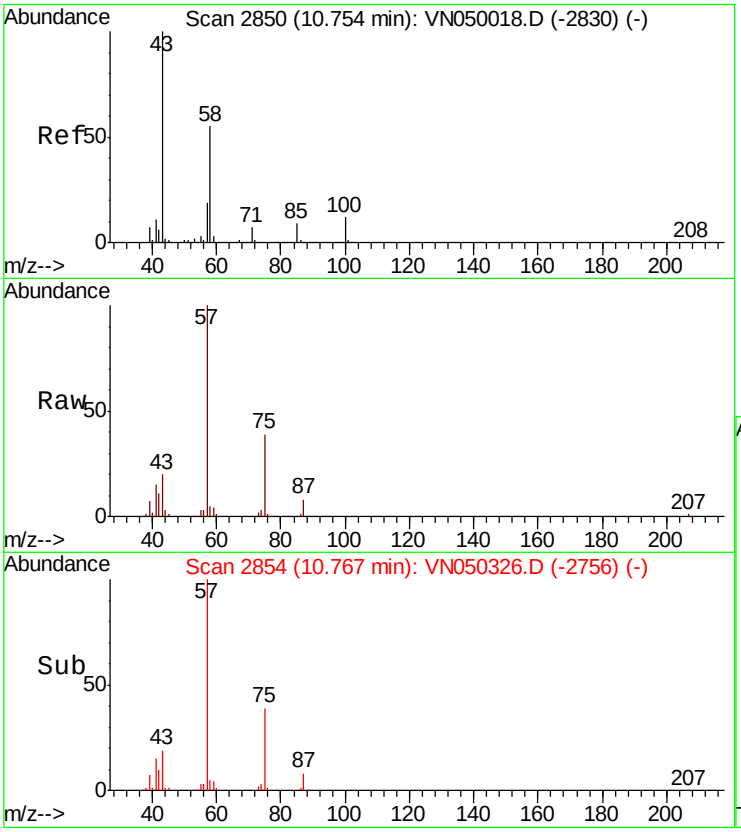


#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 69 Resp: 3301

Ion	Ratio	Lower	Upper
69	100		
41	69.3	51.0	76.4
39	53.0	26.6	40.0#



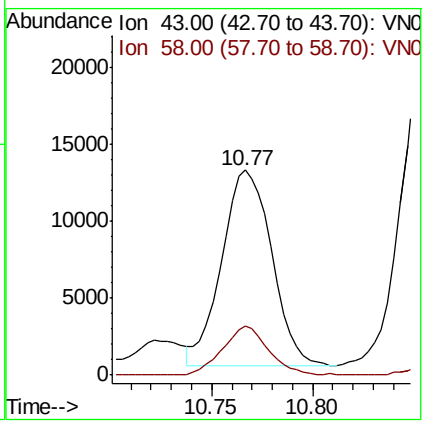


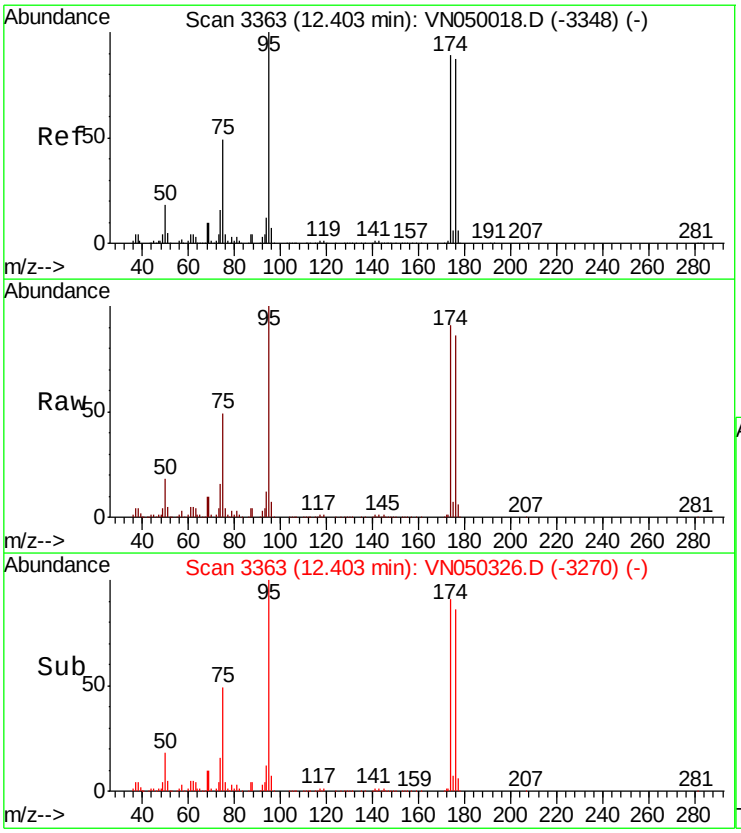
#59
2-Hexanone
Concen: 8.66 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 43 Resp: 21989

Ion	Ratio	Lower	Upper
43	100		
58	23.1	27.6	82.7#

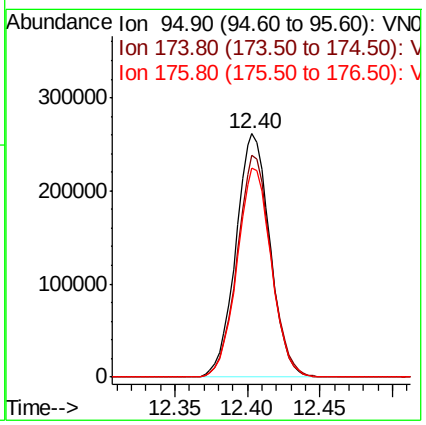


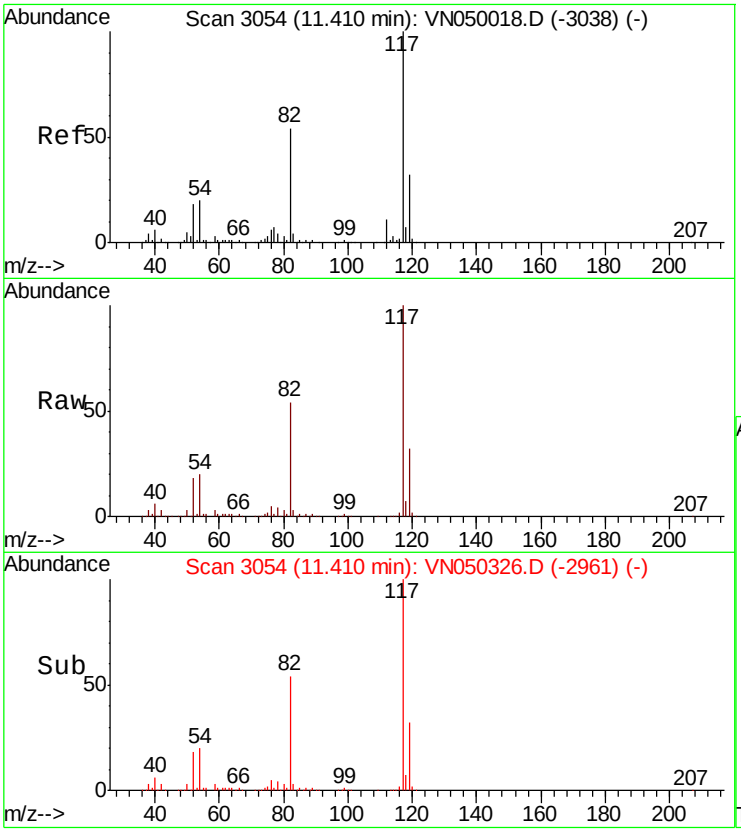


#62
4-Bromofluorobenzene
Concen: 39.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 95 Resp: 427070

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	178.2
176	86.2	0.0	173.4



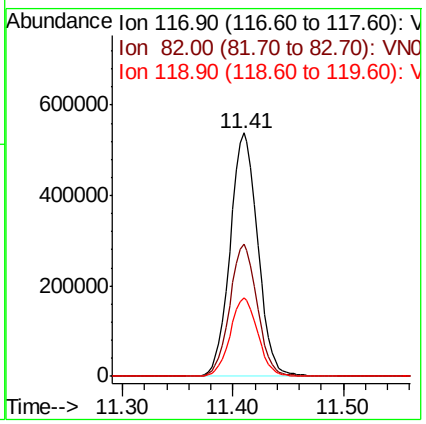


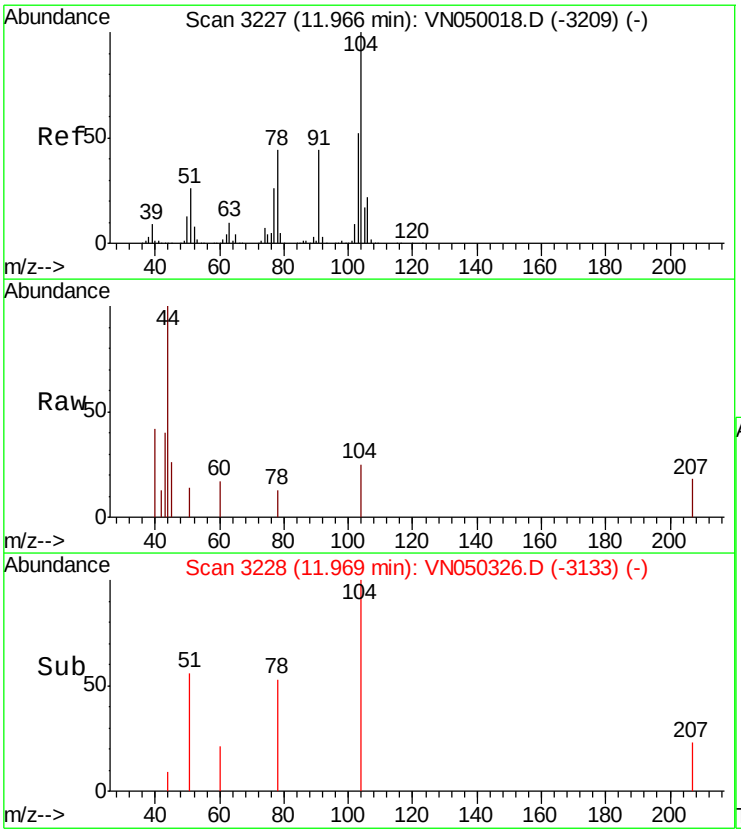
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion:117 Resp: 934624

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.1	26.1	39.1

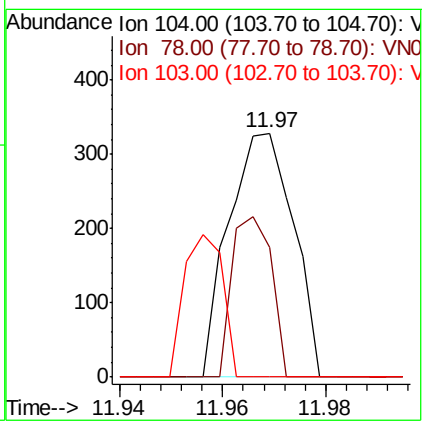


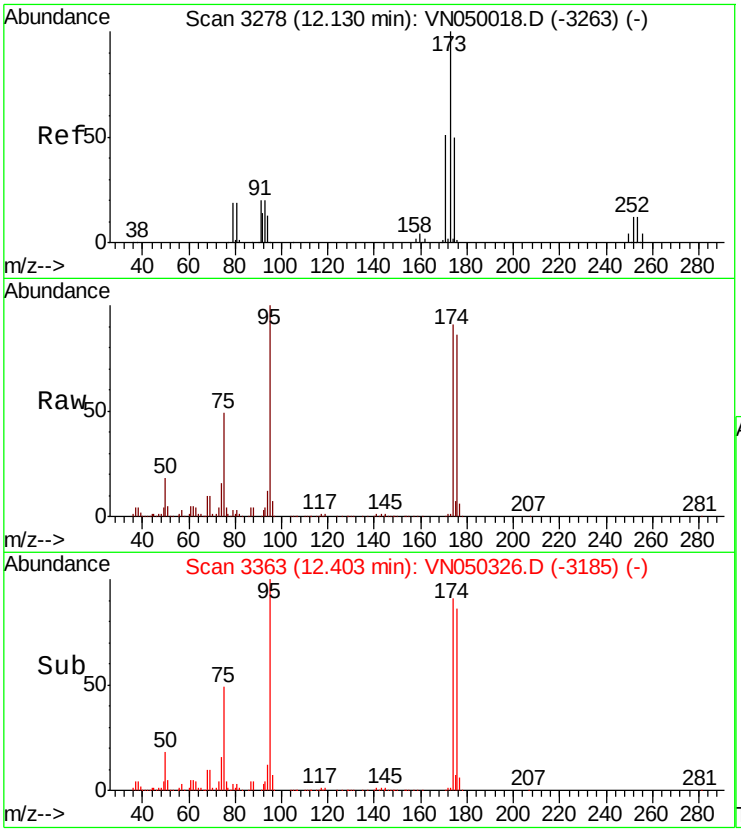


#70
Styrene
Concen: 0.93 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion:104 Resp: 284

Ion	Ratio	Lower	Upper
104	100		
78	40.1	39.3	58.9
103	34.9	45.0	67.6#



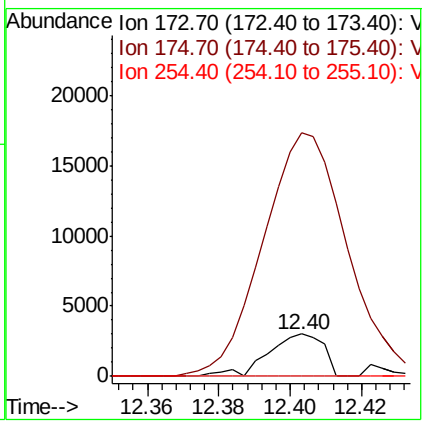


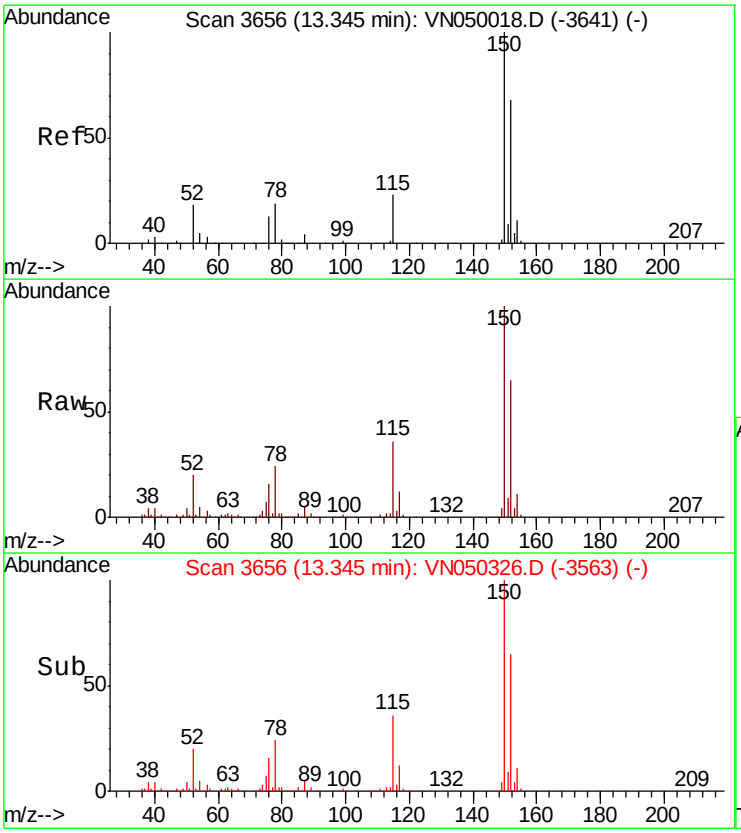
#71
Bromoform
Concen: 0.49 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#11

Tgt Ion:173 Resp: 3215

Ion	Ratio	Lower	Upper
173	100		
175	777.6	24.1	72.2#
254	0.0	0.2	0.2#

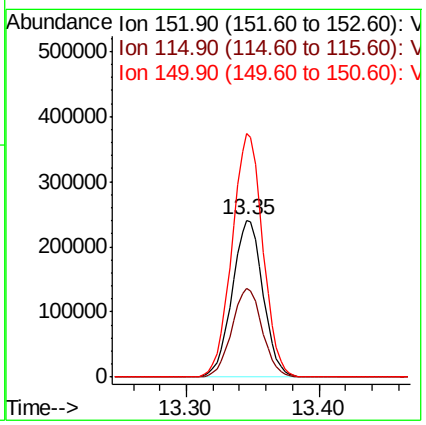


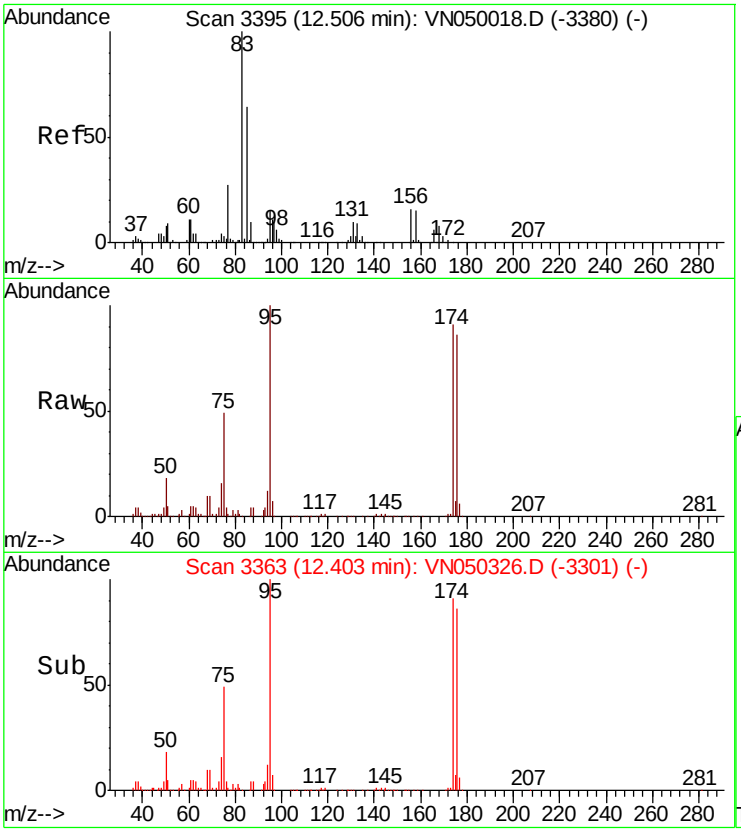


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion:152 Resp: 386526

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.3
150	155.6	0.0	348.6



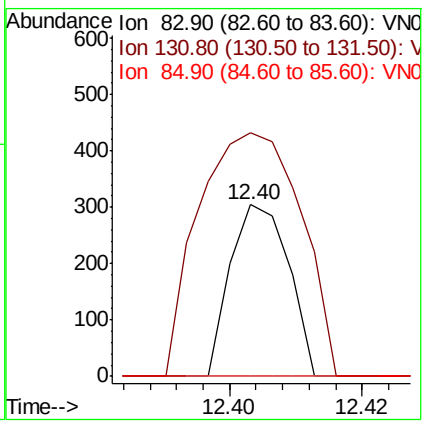


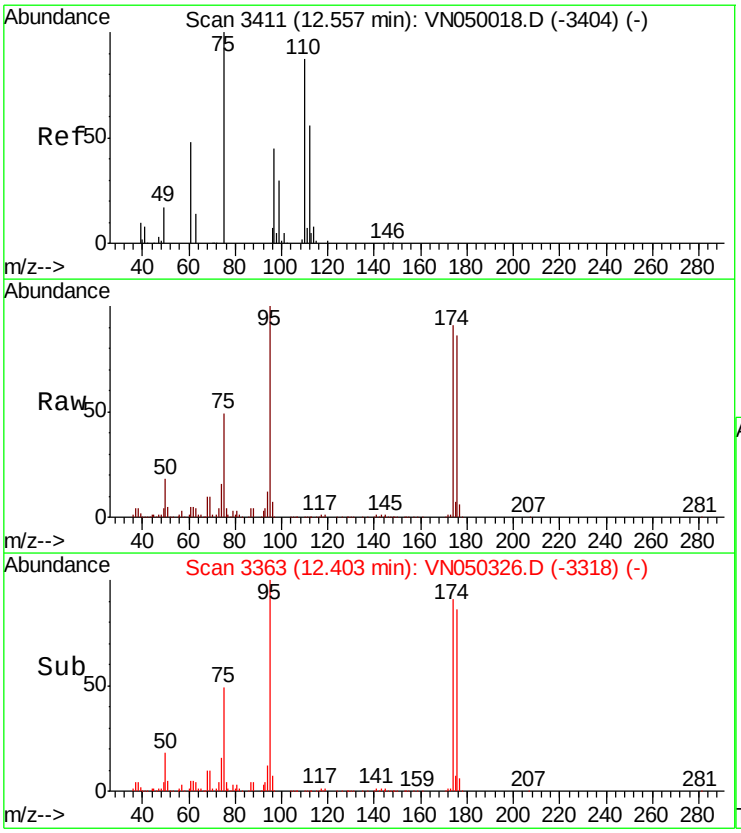
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3363
Delta R.T. -0.10 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 83 Resp: 187

Ion	Ratio	Lower	Upper
83	100		
131	247.6	5.1	15.3#
85	0.0	32.3	96.8#

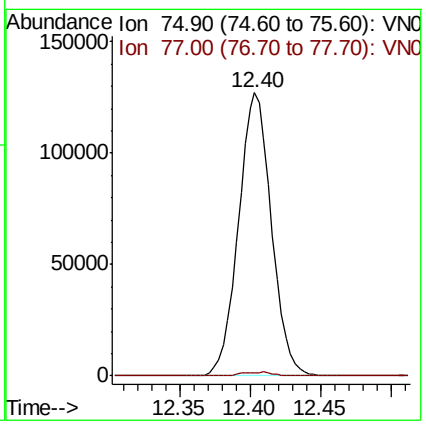


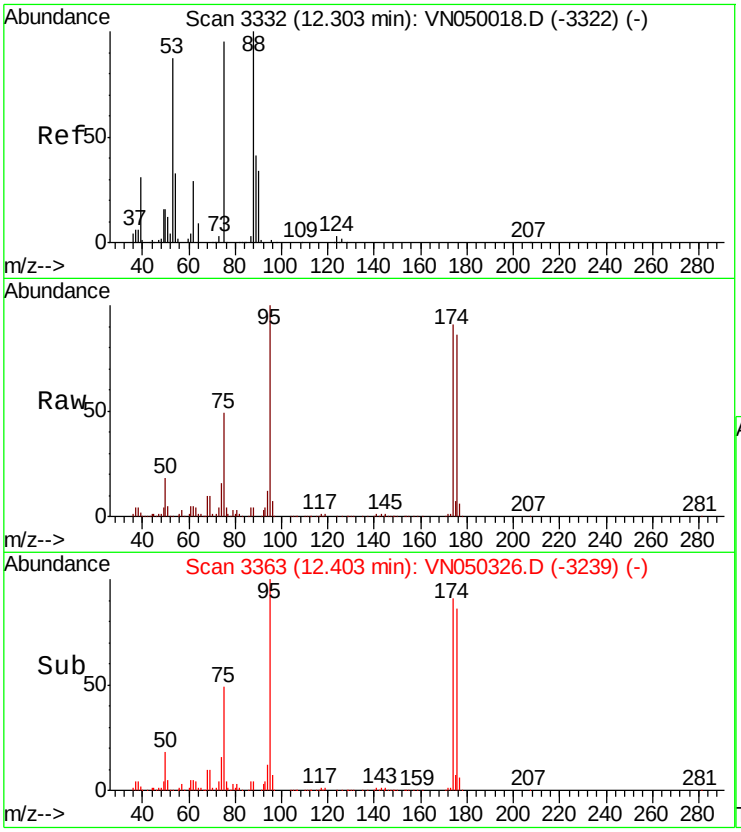


#76
1,2,3-Trichloropropane
Concen: 28.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 75 Resp: 207537

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



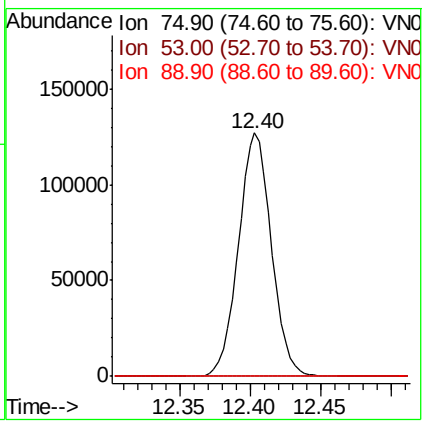


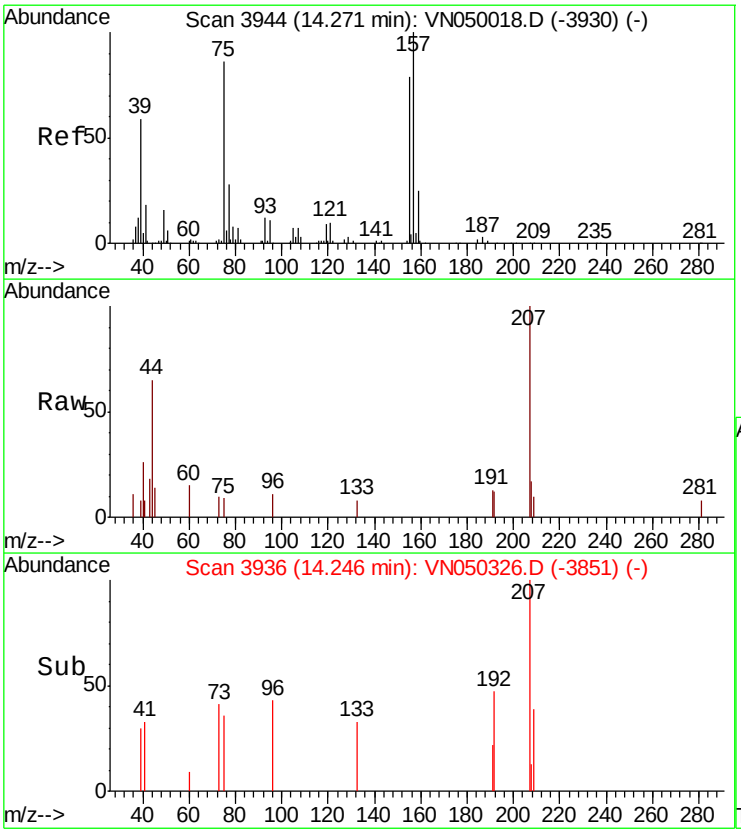
#81
trans-1,4-Dichloro-2-butene
Concen: 91.64 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion: 75 Resp: 207537

Ion	Ratio	Lower	Upper
75	100		
53	0.3	73.5	110.3#
89	0.0	36.0	54.0#

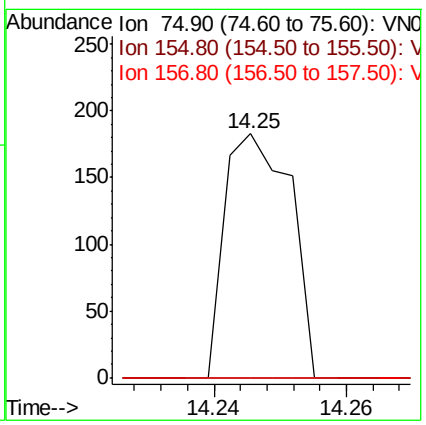


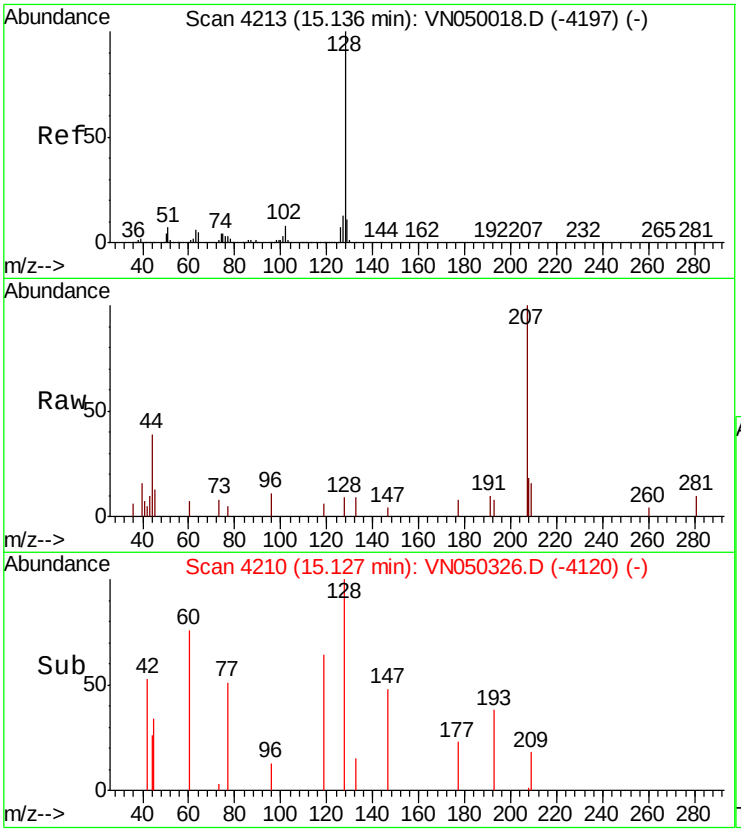


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.25 min Scan# 3936
Delta R.T. -0.03 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Tgt Ion: 75 Resp: 127

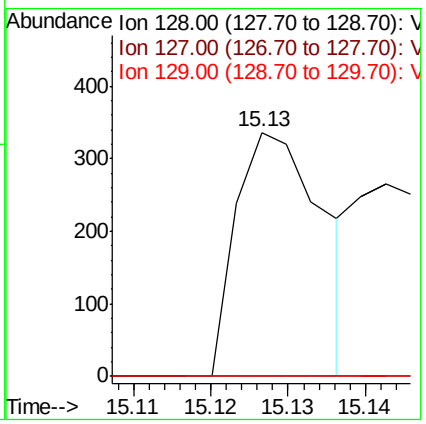
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.2	171.6#





#95
Naphthalene
Concen: 4.43 ug/l
RT: 15.13 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VN050326.D
Acq: 3 Aug 2018 20:47

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#11

Tgt Ion:128 Resp: 261

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#