Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082218\
Data File : VN050823.D
Acq On : 22 Aug 2018 16:41
Operator : MD\SY
Sample : PB112269ZHE#05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112269ZHE#05

Quant Time: Aug 23 02:25:05 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	789289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1239306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	403026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	485742	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.24%			
35) Dibromofluoromethane	7.59	113	457324	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.76%			
50) Toluene-d8	10.09	98	1703258	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
62) 4-Bromofluorobenzene	12.40	95	499306	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.52%			
Target Compounds						Qvalue
16) Acetone	3.83	43	22898	3.20	ug/l	98
18) Methyl Acetate	4.33	43	15990	1.78	ug/l	94
20) Methylene Chloride	4.55	84	57776	5.39	ug/l	97
43) Isopropyl Acetate	8.17	43	330783	22.90	ug/l	96
95) Naphthalene	15.13	128	56552	8.53	ug/l	97

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

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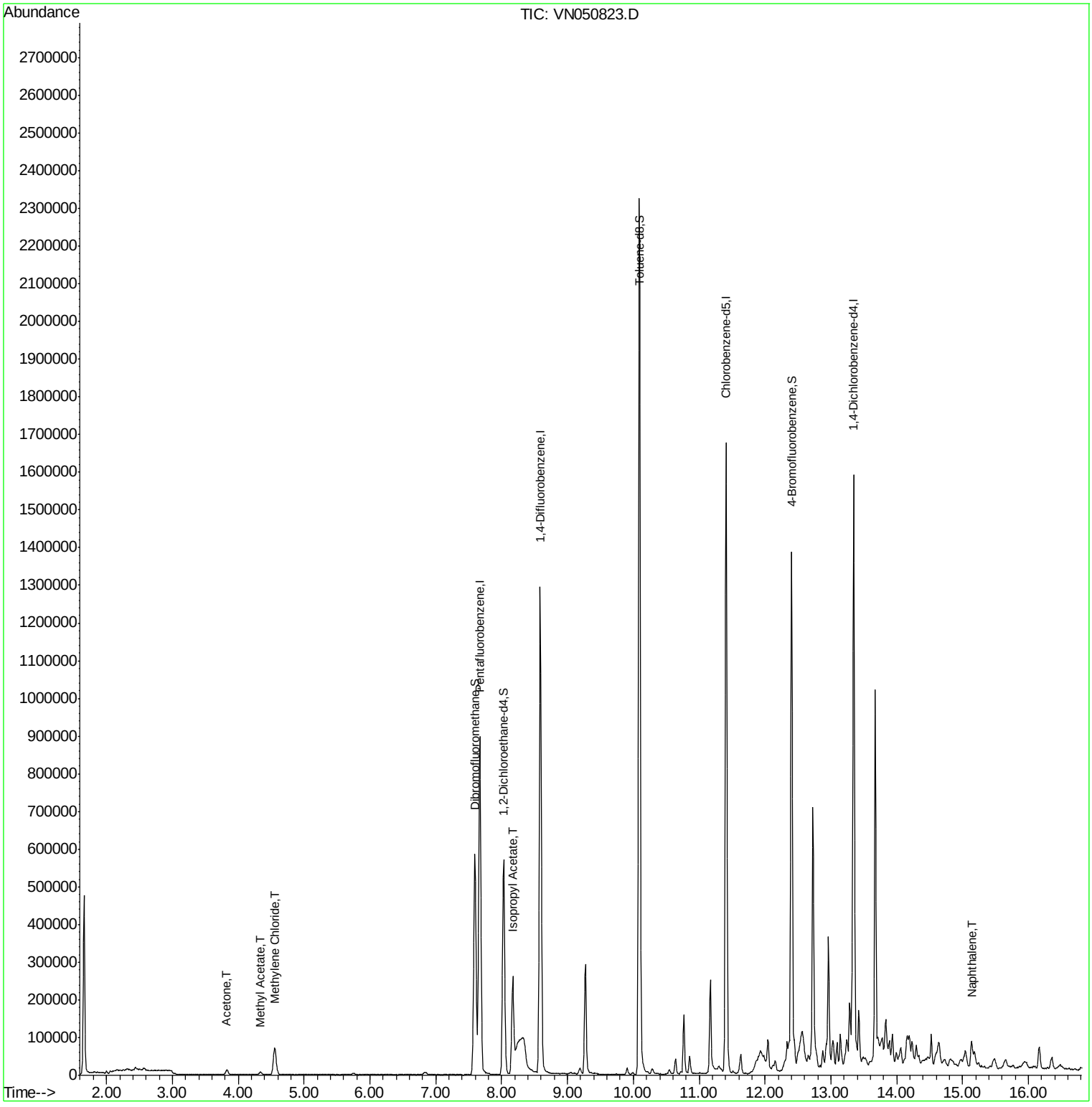
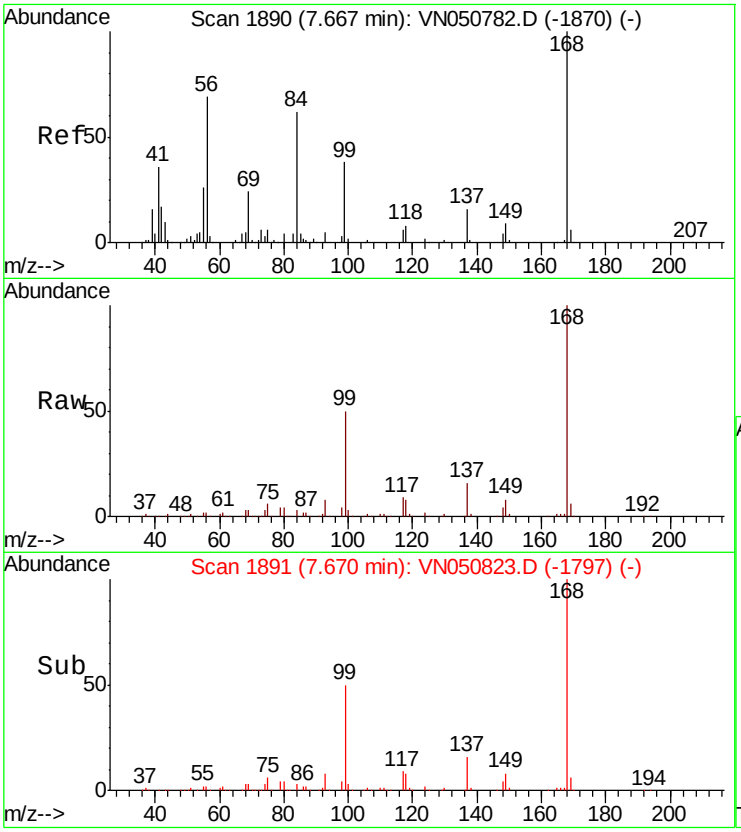


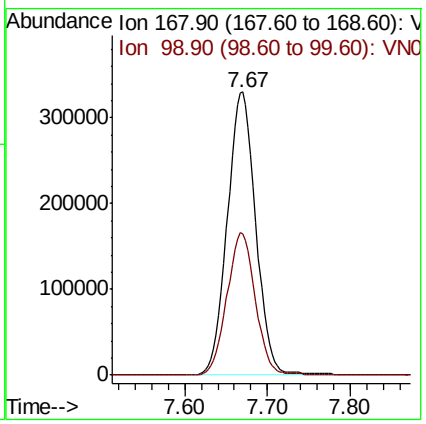


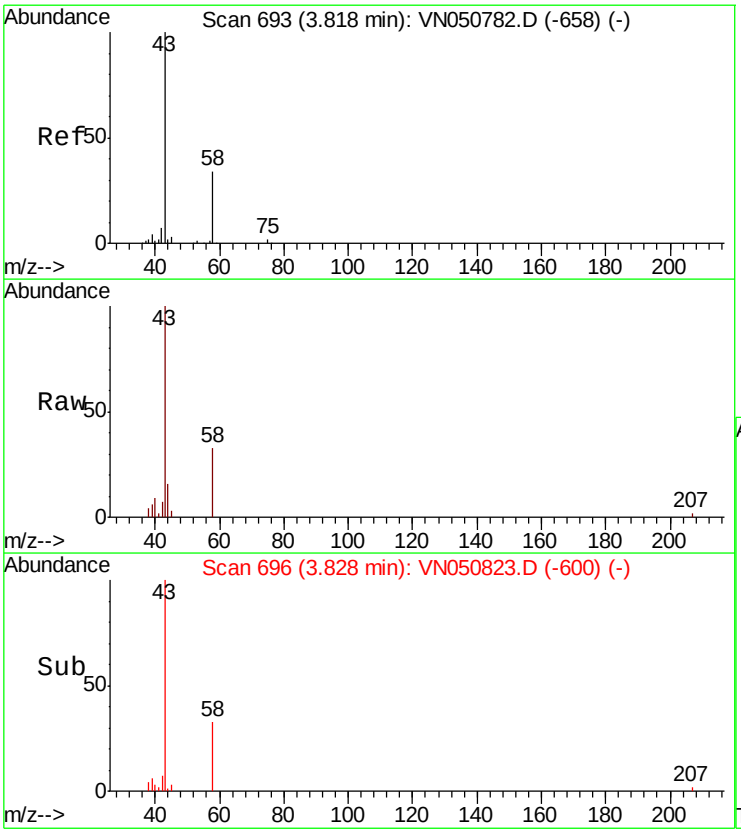
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

Tgt Ion:168 Resp: 789289

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.6	59.4

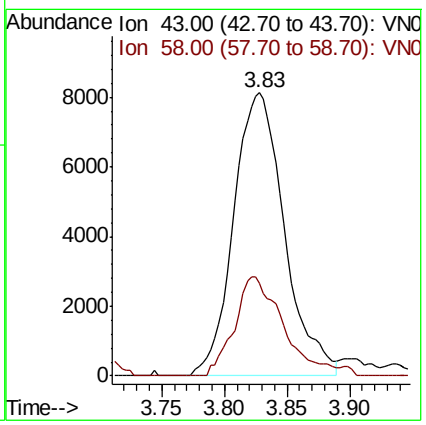


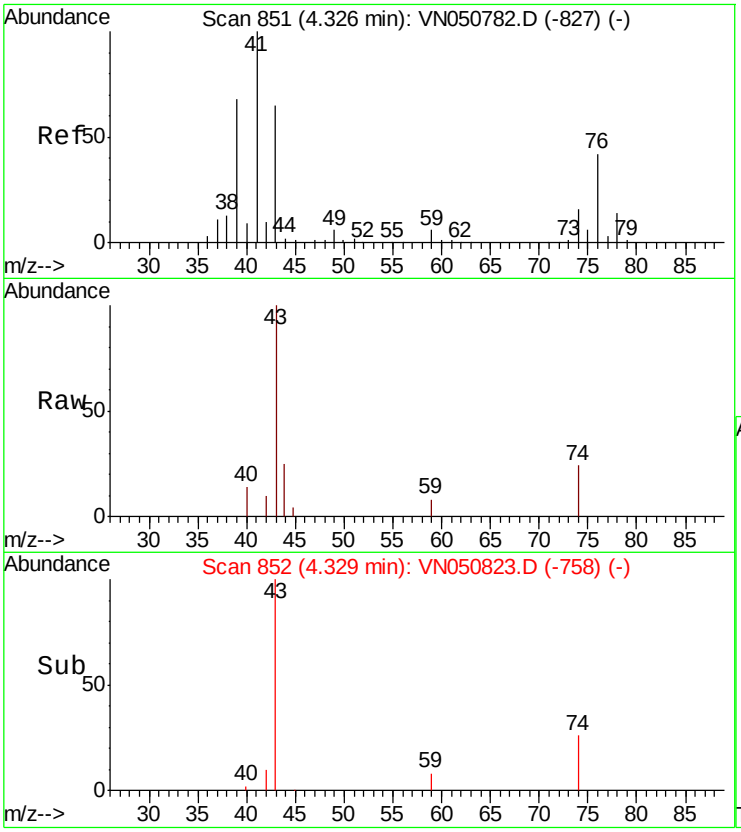


#16
Acetone
Concen: 3.20 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 22898

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.2	40.8



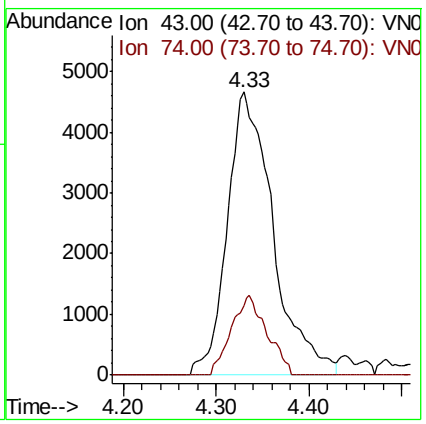


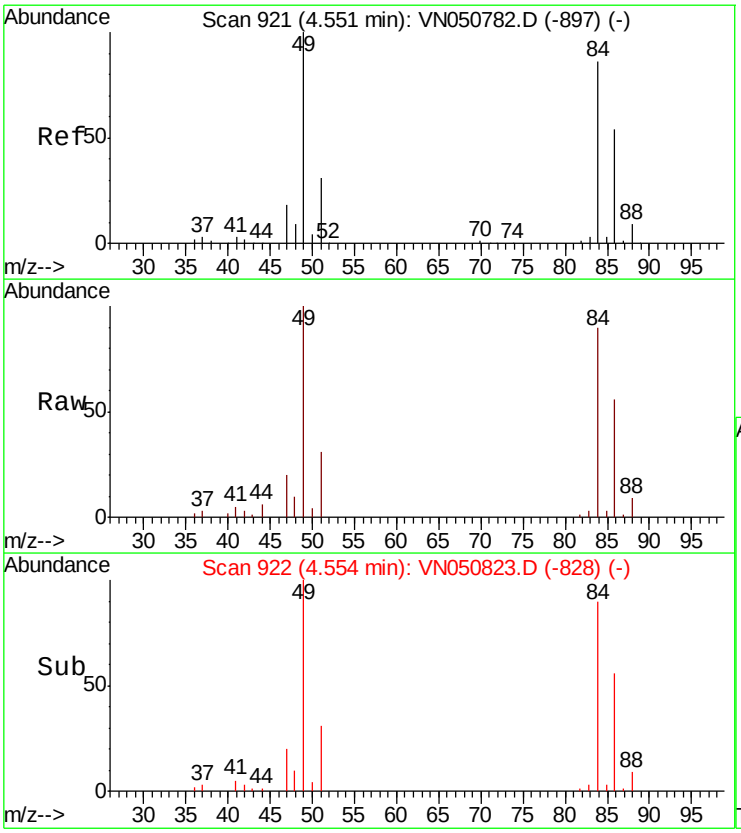
#18
Methyl Acetate
Concen: 1.78 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument : MSVOA_N
ClientSampleId : PB112269ZHE#05

Tgt Ion: 43 Resp: 15990

Ion	Ratio	Lower	Upper
43	100		
74	21.7	19.8	29.8

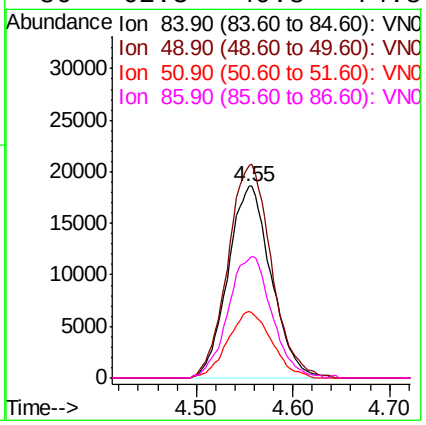


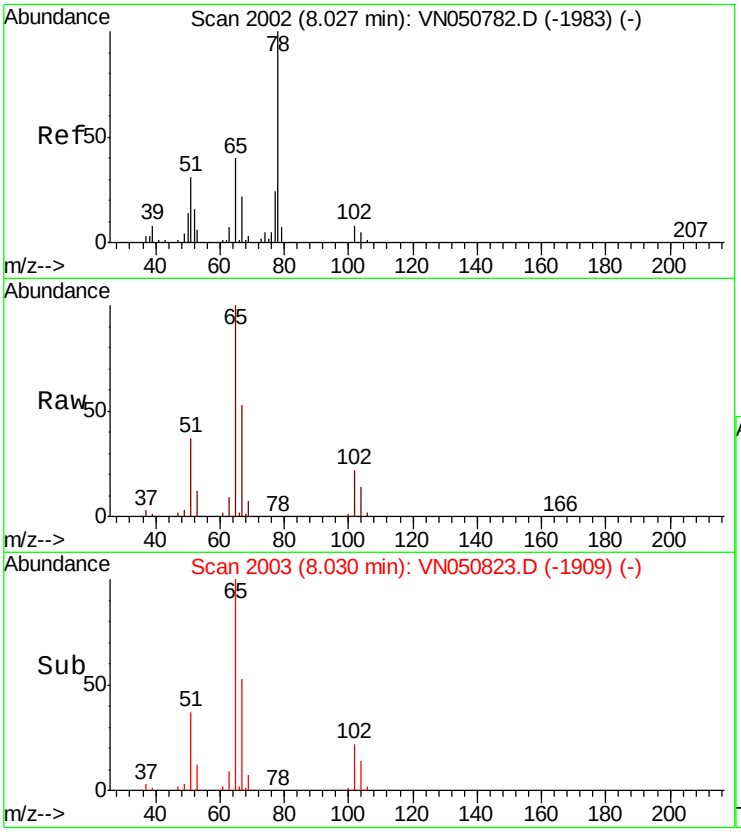


#20
Methylene Chloride
Concen: 5.39 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 84 Resp: 57776

Ion	Ratio	Lower	Upper
84	100		
49	111.0	93.2	139.8
51	34.9	29.0	43.6
86	62.3	49.8	74.8



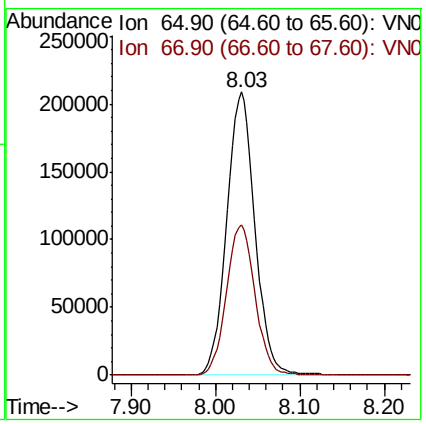


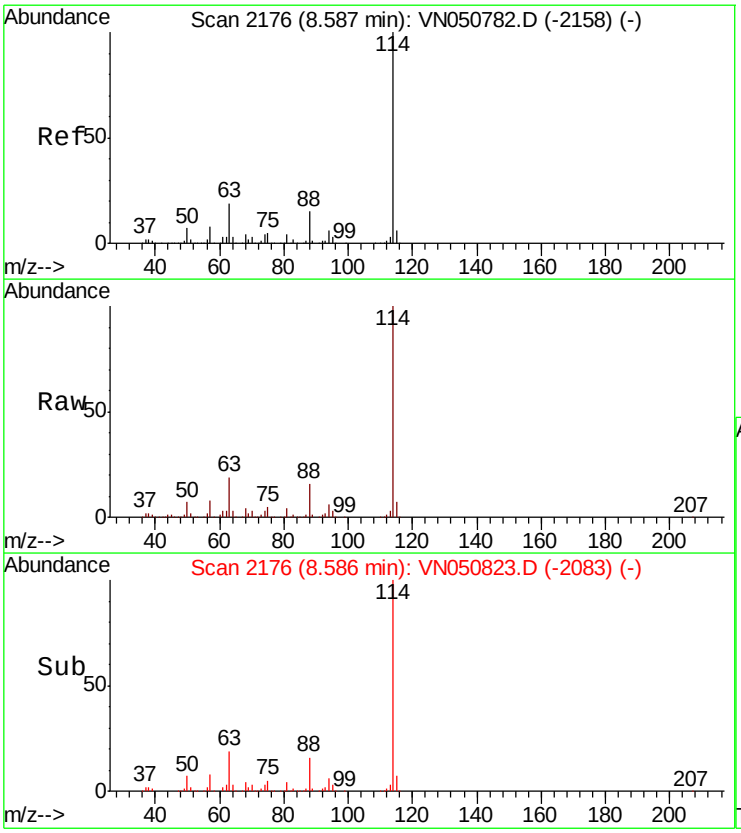
#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

Tgt Ion: 65 Resp: 485742

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.4

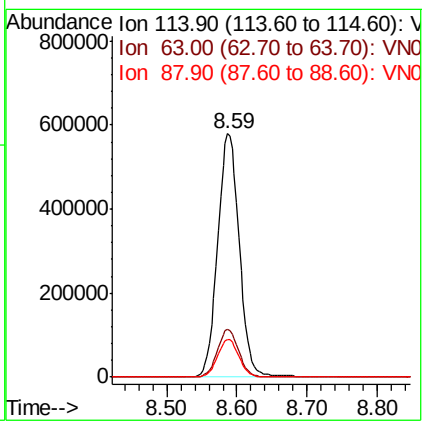


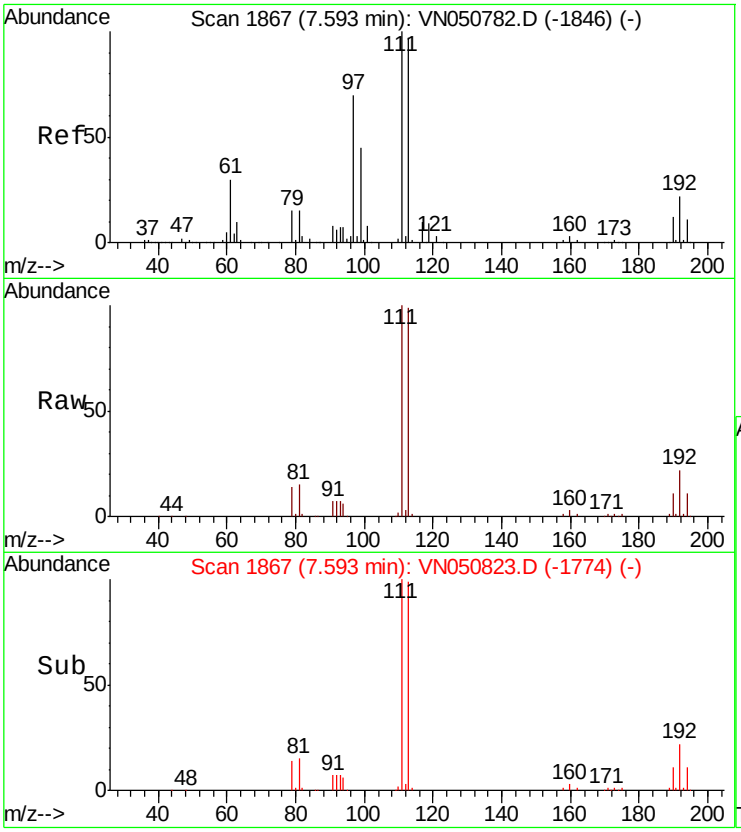


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion:114 Resp: 1239306

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.6	0.0	30.6



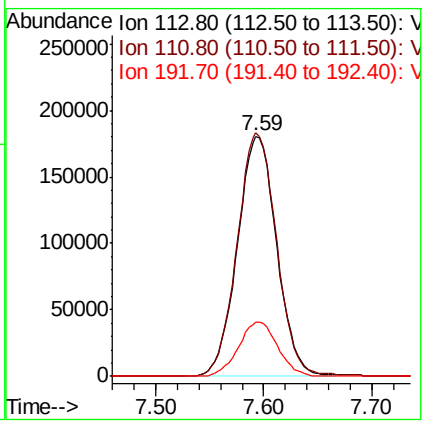


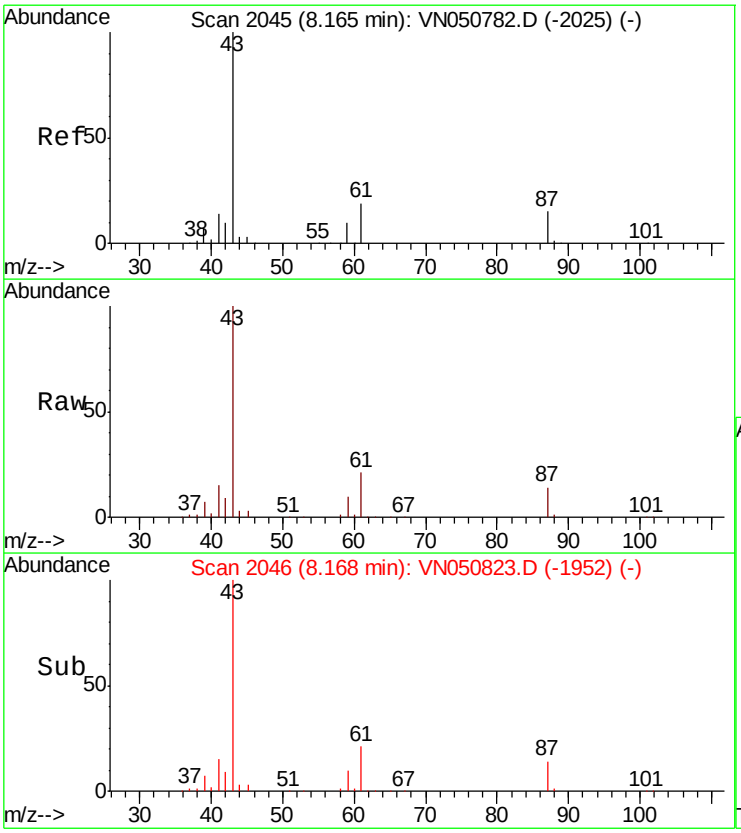
#35
Dibromofluoromethane
Concen: 46.38 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

Tgt Ion:113 Resp: 457324

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.7	18.0	27.0

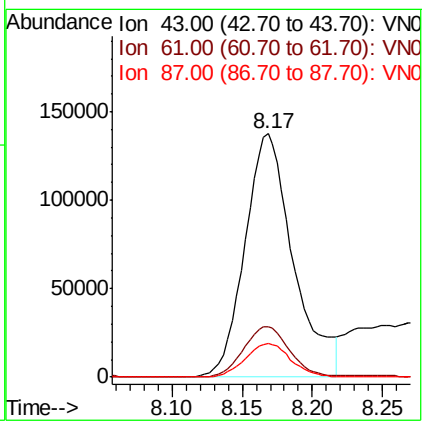


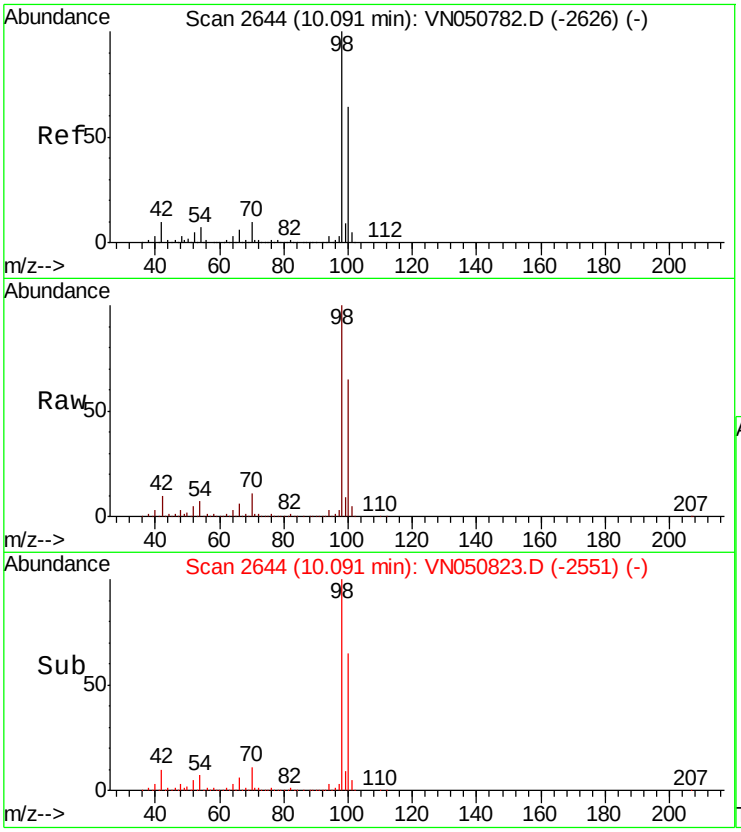


#43
Isopropyl Acetate
Concen: 22.90 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 330783

Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.5	26.3
87	13.0	11.3	16.9



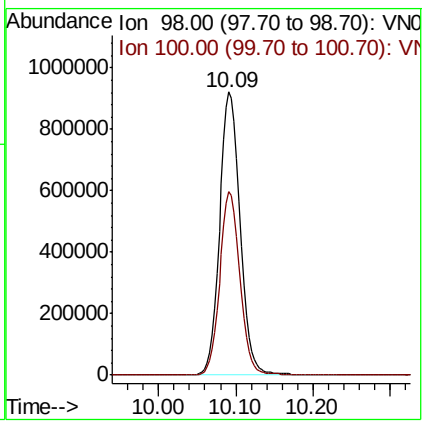


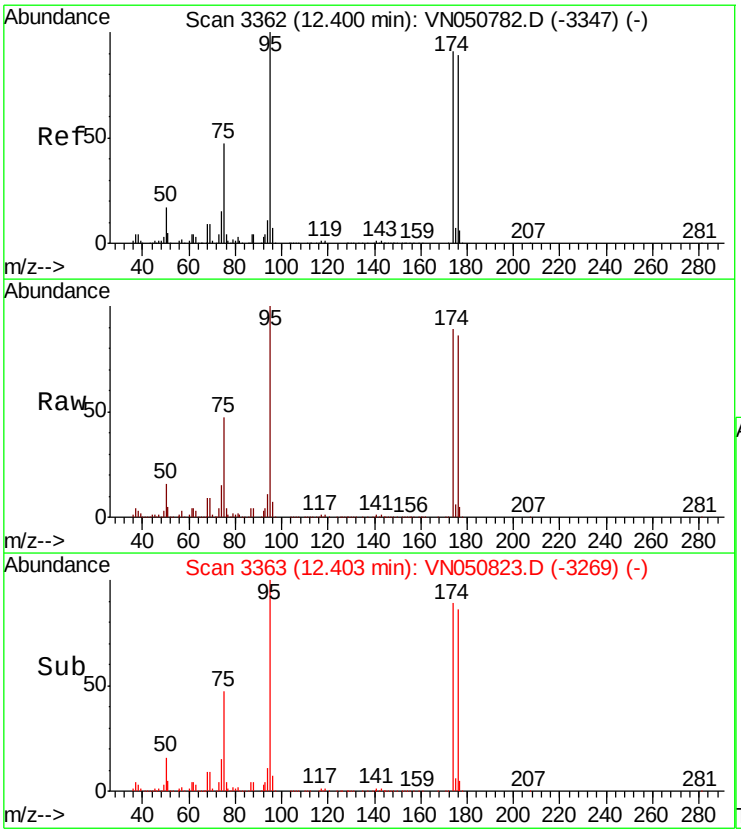
#50
Toluene-d8
Concen: 46.21 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

Tgt Ion: 98 Resp: 1703258

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

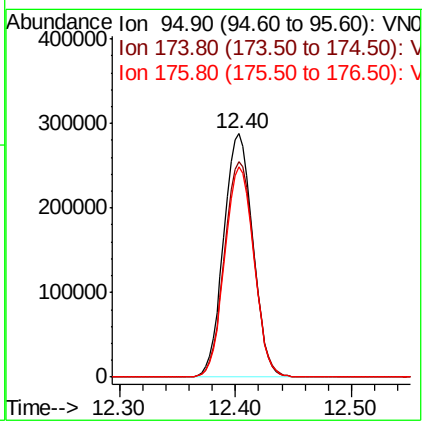


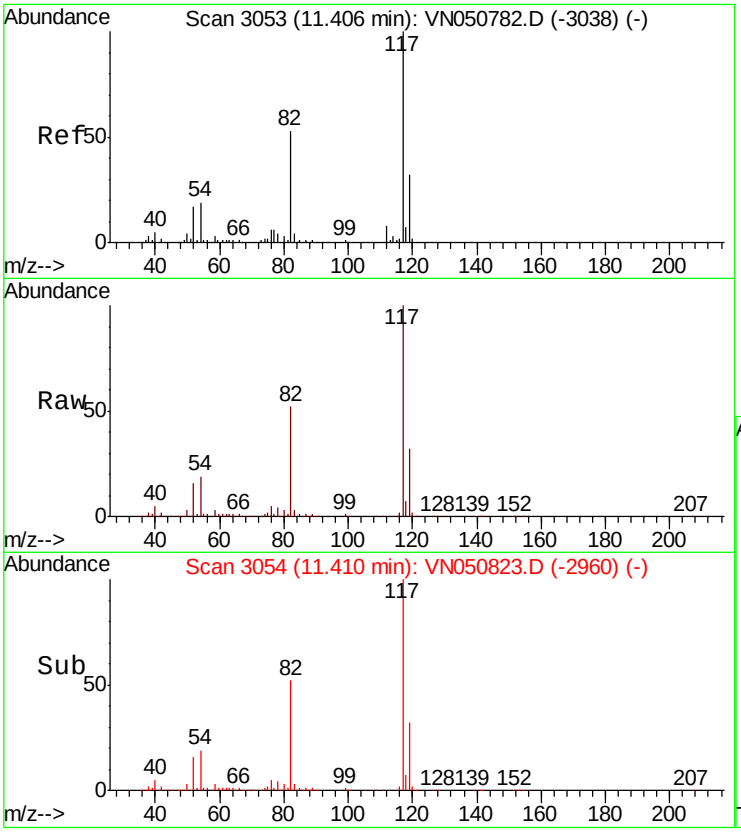


#62
4-Bromofluorobenzene
Concen: 40.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 95 Resp: 499306

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	183.0
176	86.7	0.0	178.8



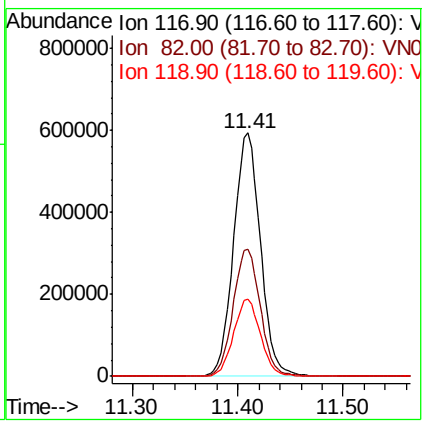


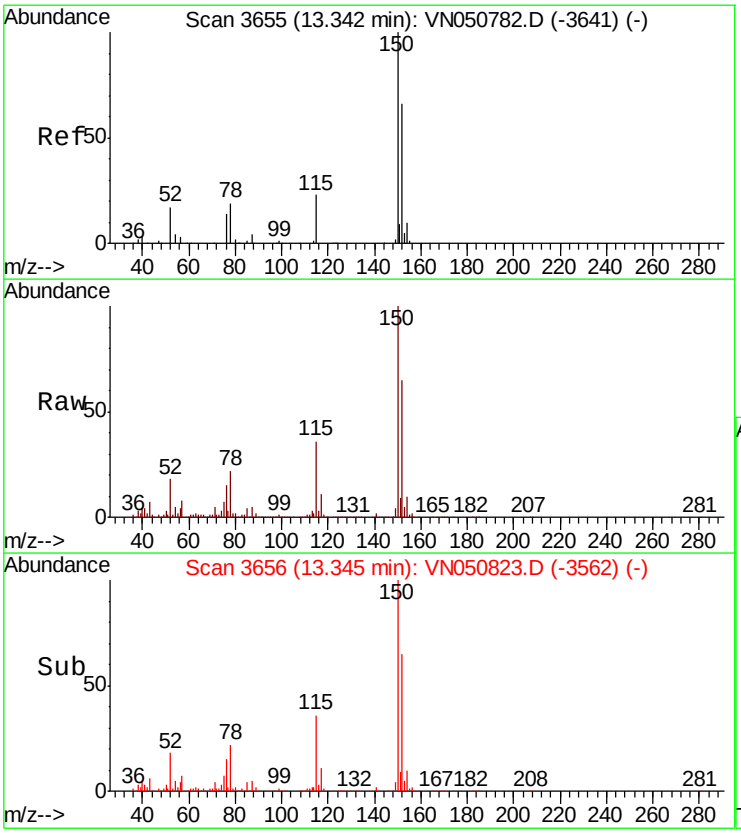
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument : MSVOA_N
ClientSampleId : PB112269ZHE#05

Tgt Ion:117 Resp: 1046649

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	64.0
119	31.6	25.8	38.6

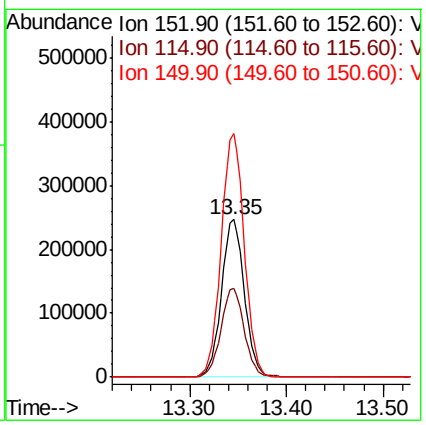


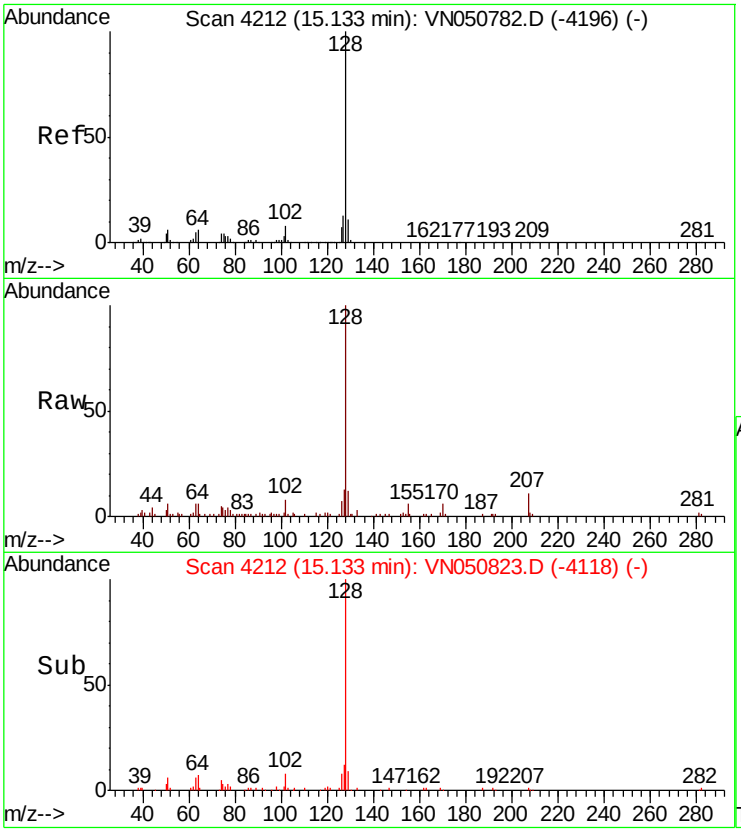


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion:152 Resp: 403026

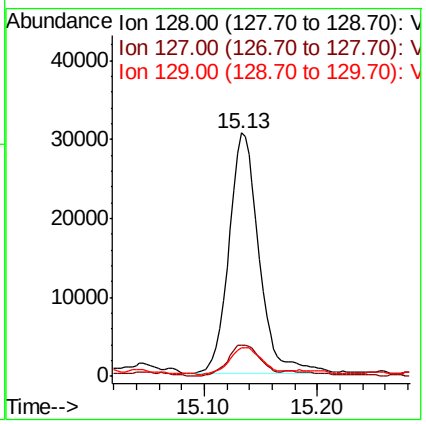
Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.8	83.4
150	156.2	0.0	351.4





#95
Naphthalene
Concen: 8.53 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

Tgt Ion:128 Resp: 56552

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	12.0	8.7	13.1