Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082318\
Data File : VN050844.D
Acq On : 23 Aug 2018 11:29
Operator : MD\SY
Sample : J4612-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TOTE

Quant Time: Aug 24 11:56:44 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	635624	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	992694	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	818839	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276021	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	403623	52.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.50%				
35) Dibromofluoromethane	7.59	113	383298	48.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.06%				
50) Toluene-d8	10.09	98	1366082	46.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.54%				
62) 4-Bromofluorobenzene	12.40	95	356791	36.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 72.72%				
Target Compounds							Qvalue
16) Acetone	3.82	43	126797	64.74	ug/l		100
17) Carbon Disulfide	4.05	76	47049	1.97	ug/l		98
25) 2-Butanone	6.85	43	13456	4.36	ug/l		90
29) Tetrahydrofuran	7.22	42	7050	3.99	ug/l	#	84

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

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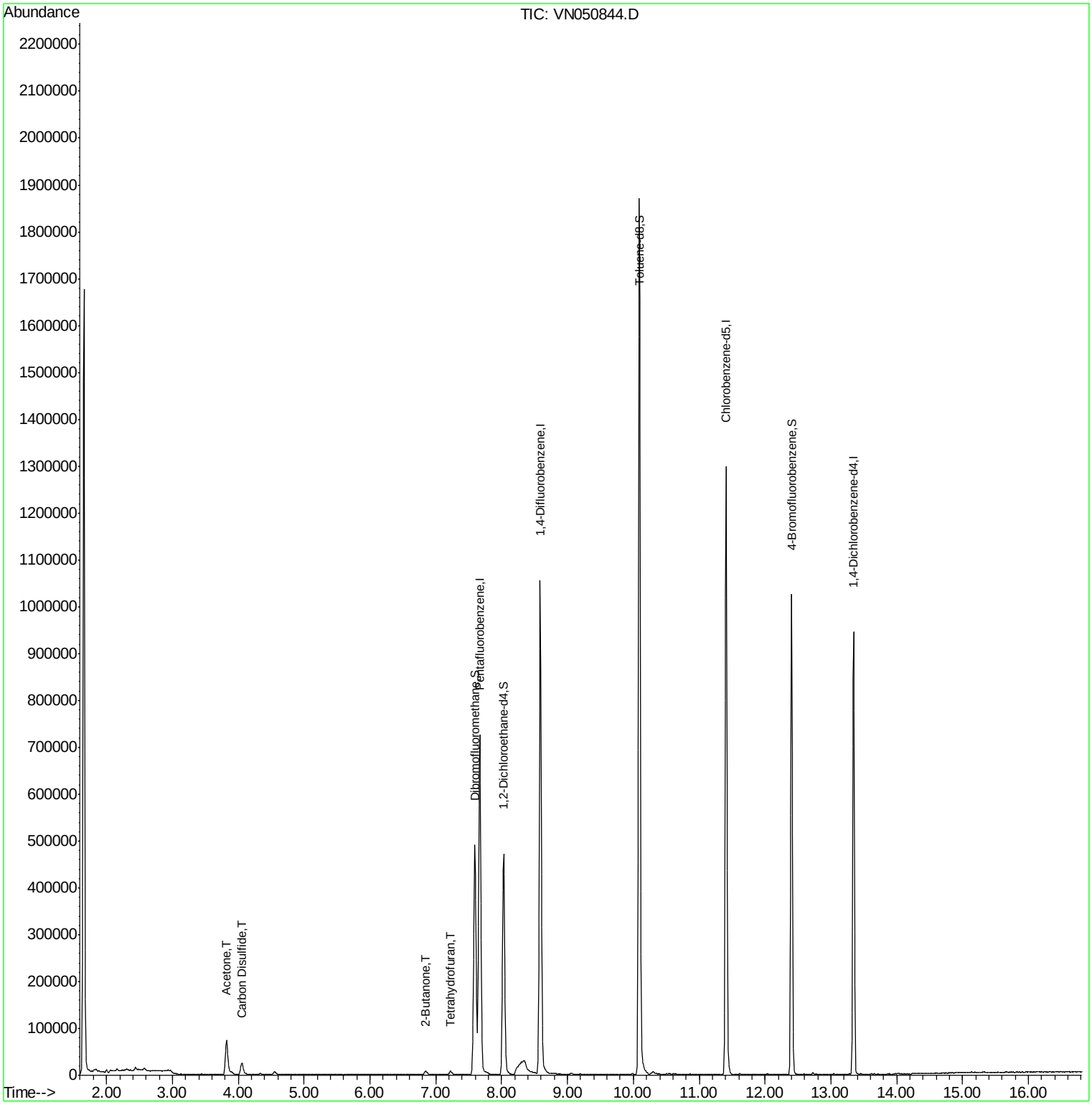
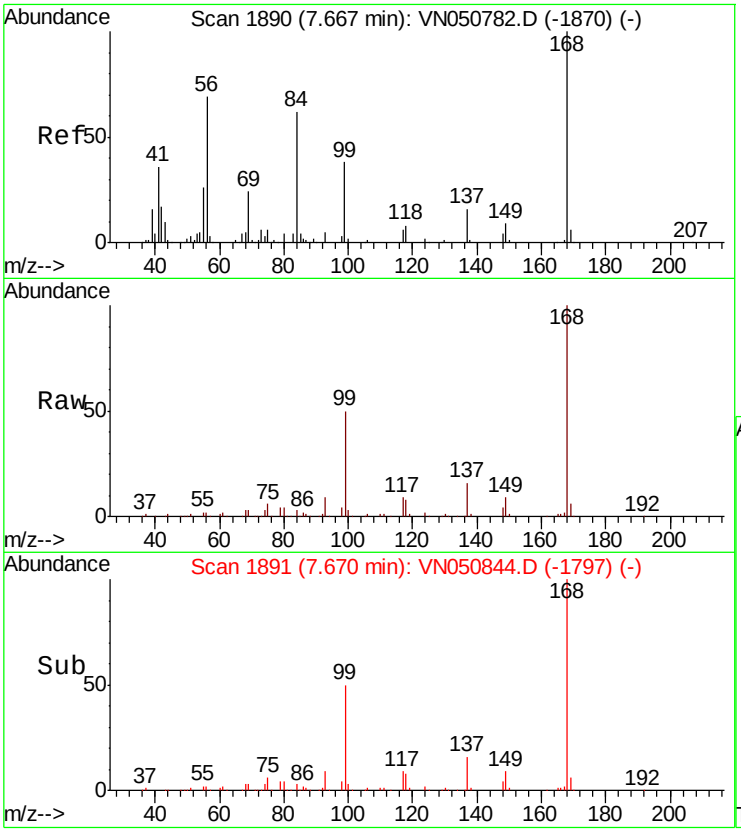


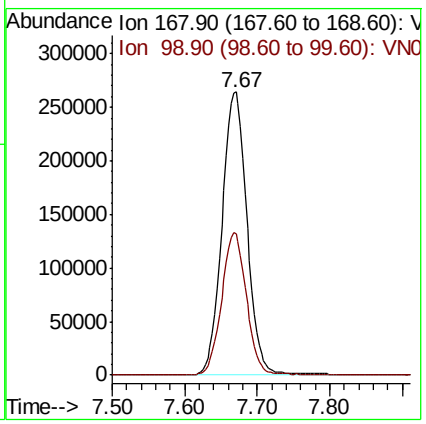


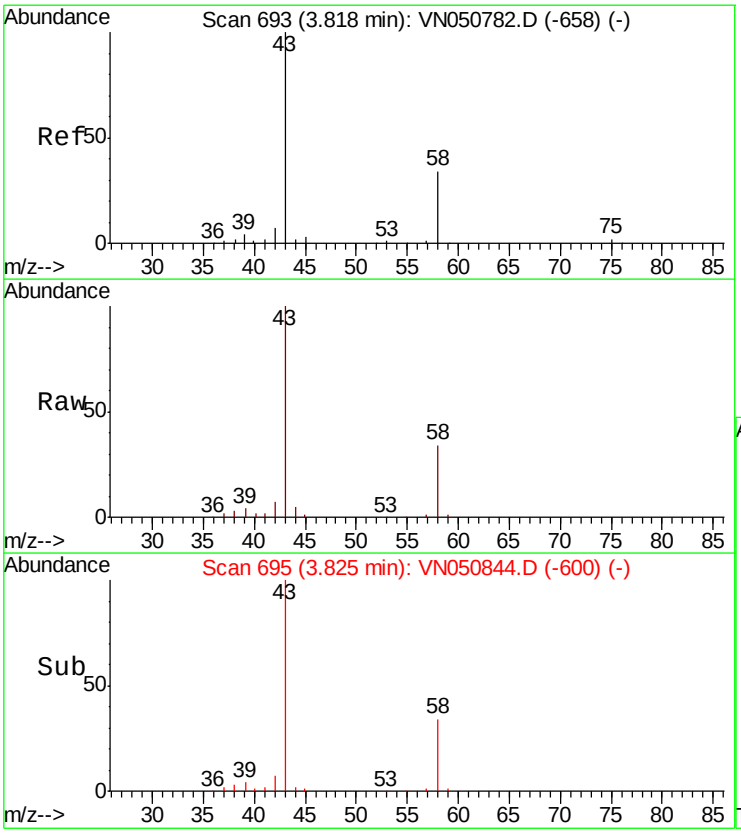
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
TOTE

Tgt Ion:168 Resp: 635624

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.6	59.4

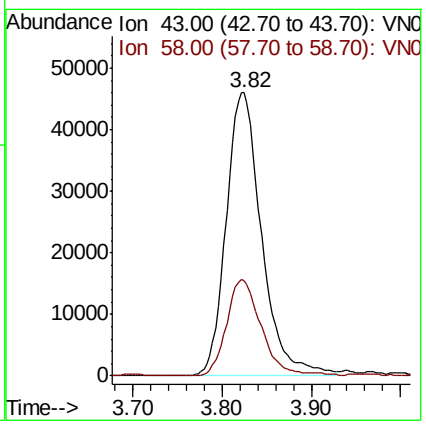


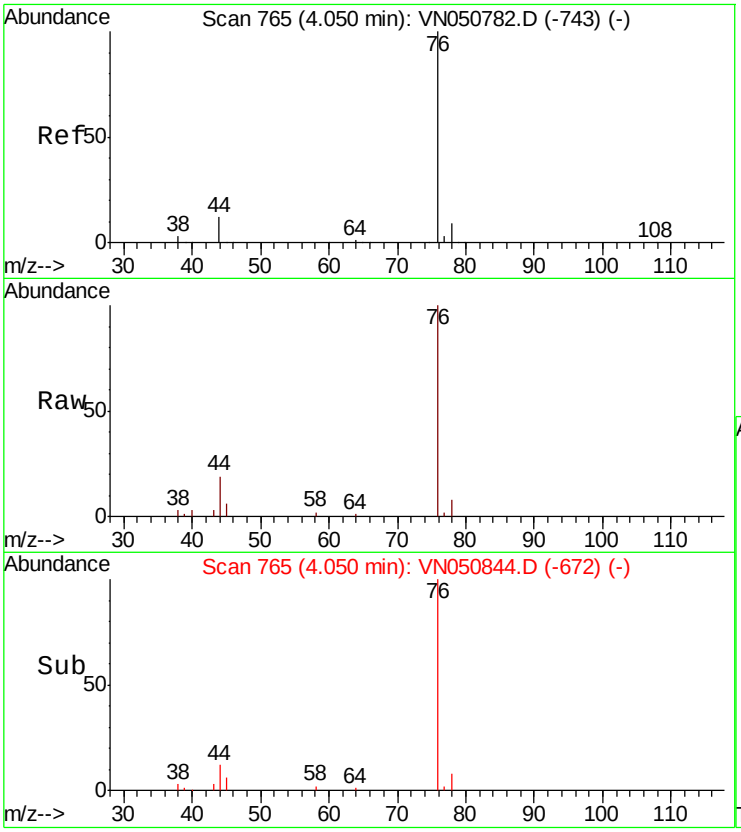


#16
Acetone
Concen: 64.74 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion: 43 Resp: 126797

Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.2	40.8



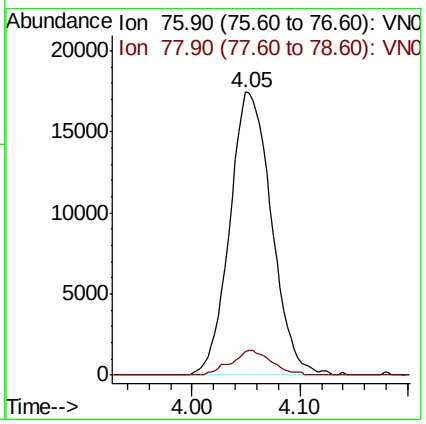


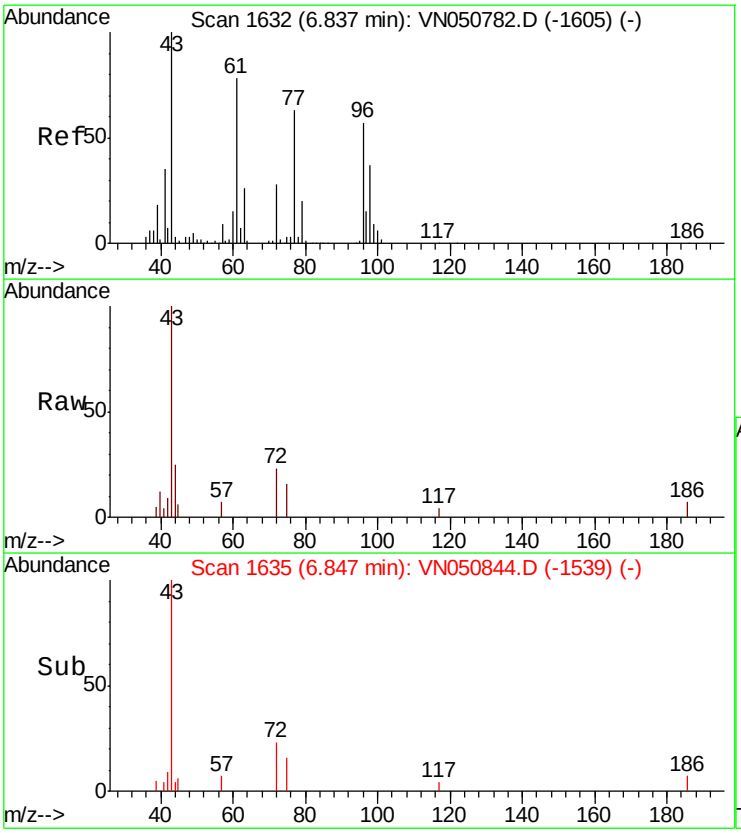
#17
Carbon Disulfide
Concen: 1.97 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
TOTE

Tgt Ion: 76 Resp: 47049

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.3	10.9

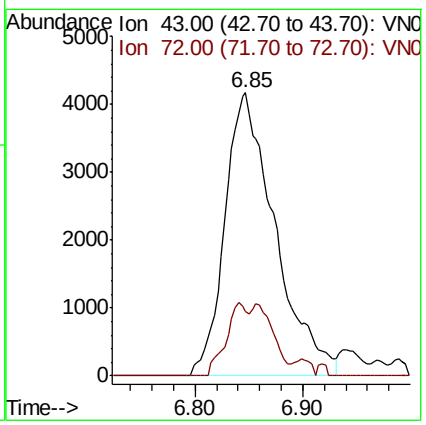


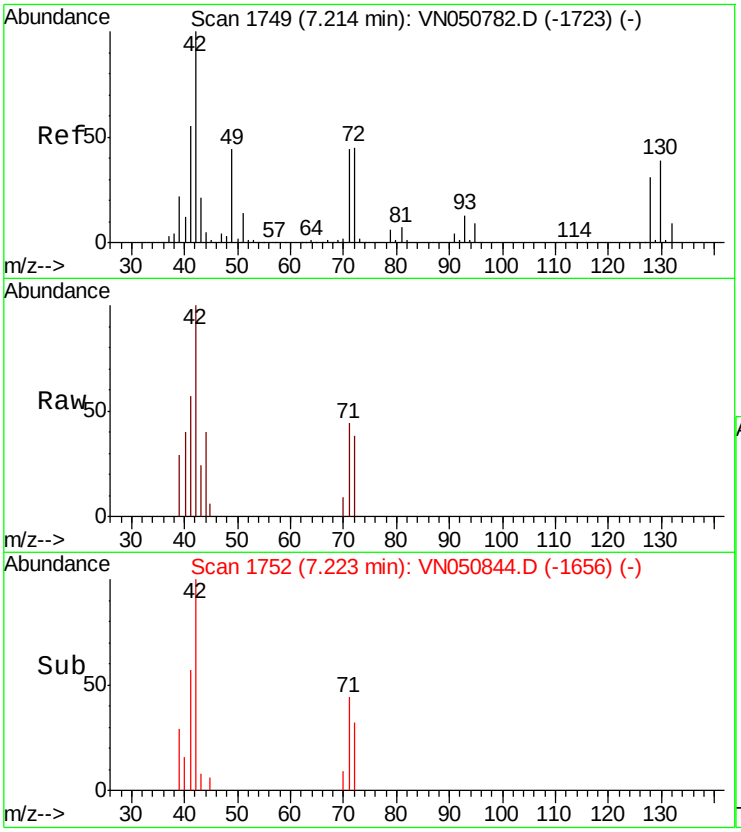


#25
2-Butanone
Concen: 4.36 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion: 43 Resp: 13456

Ion	Ratio	Lower	Upper
43	100		
72	22.6	22.3	33.5



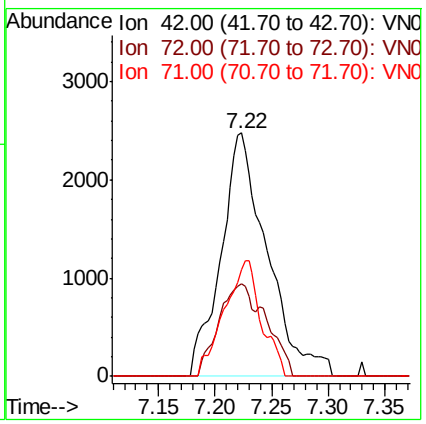


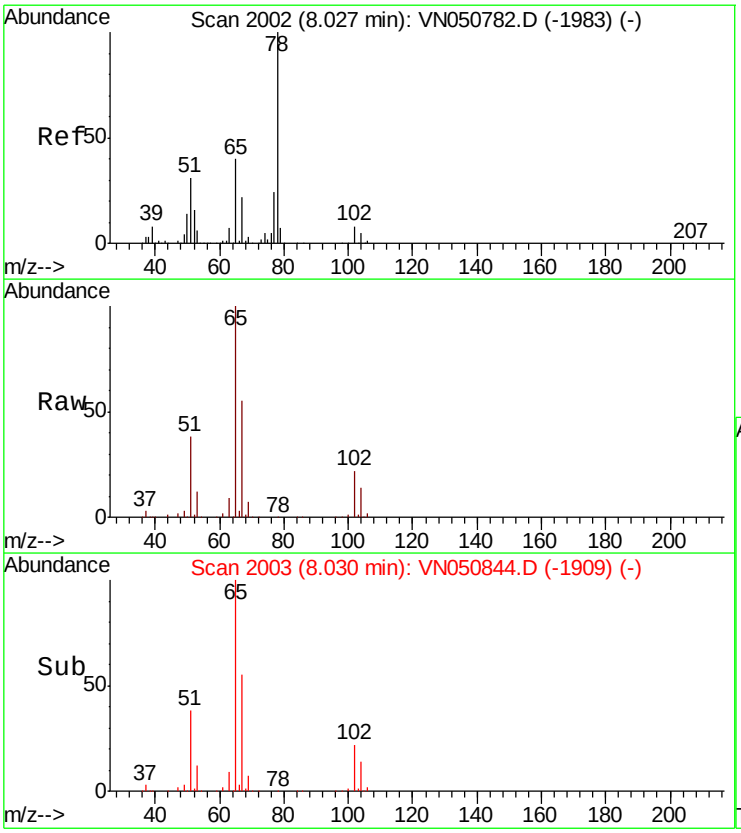
#29
Tetrahydrofuran
Concen: 3.99 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument : MSVOA_N
ClientSampleId : TOTE

Tgt Ion: 42 Resp: 7050

Ion	Ratio	Lower	Upper
42	100		
72	28.0	35.5	53.3#
71	38.1	33.7	50.5

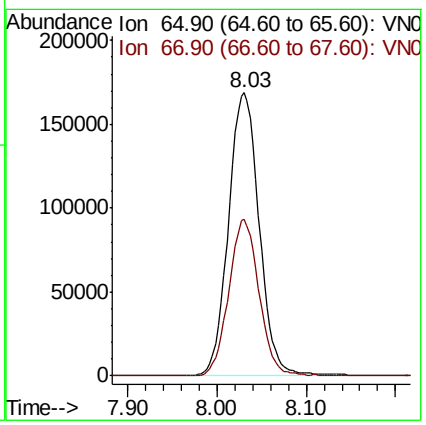


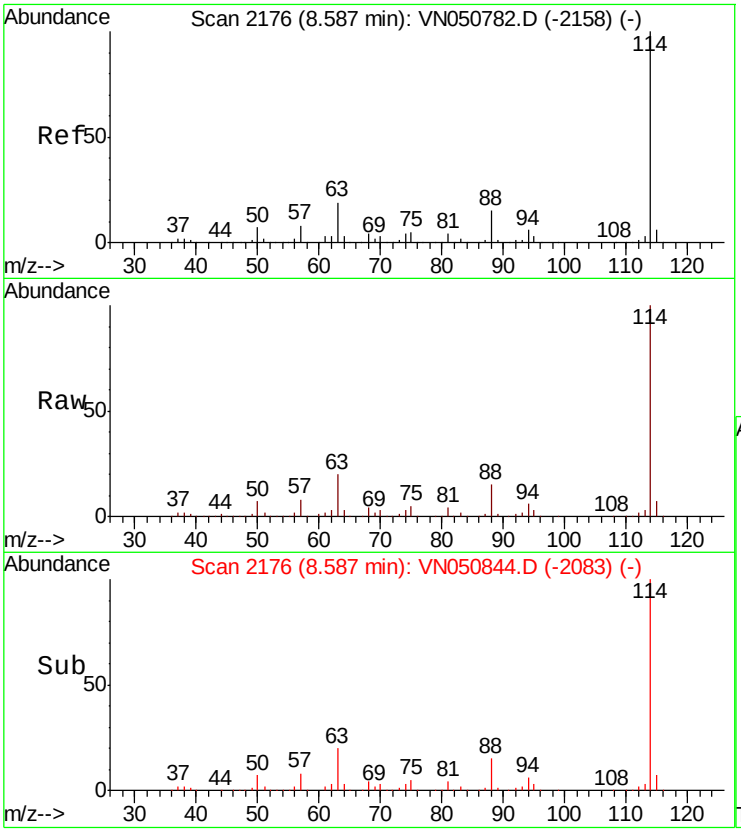


#33
1,2-Dichloroethane-d4
Concen: 52.75 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion: 65 Resp: 403623

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.4



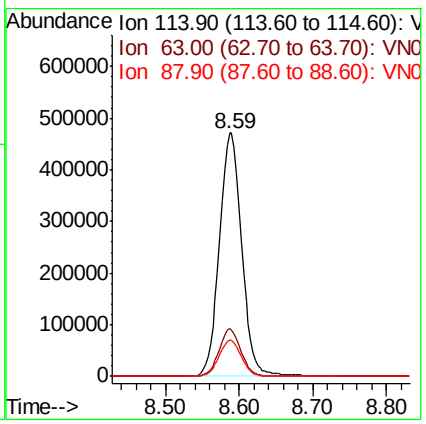


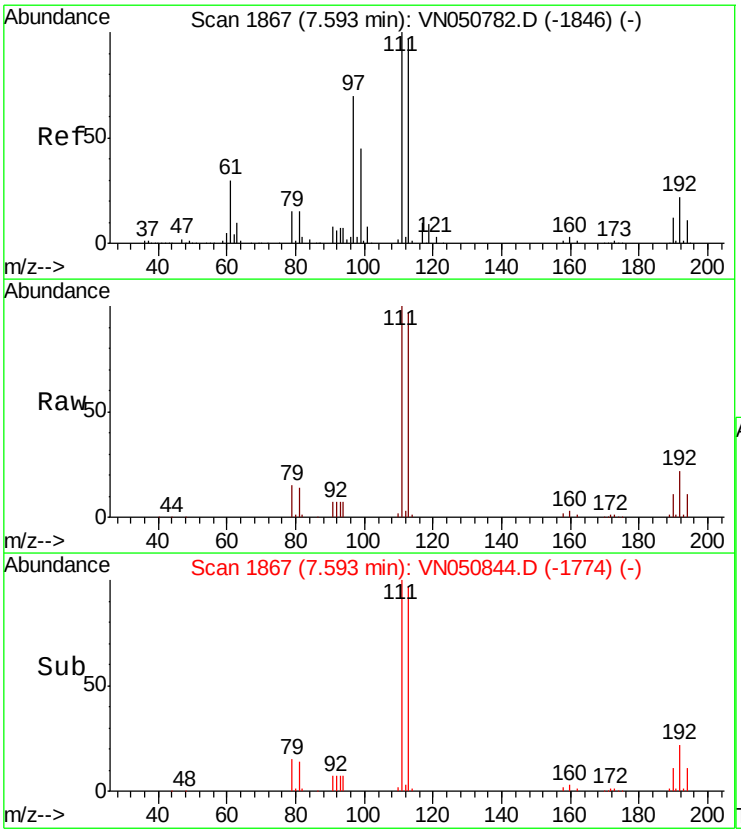
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
TOTE

Tgt Ion:114 Resp: 992694

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.0	0.0	30.6

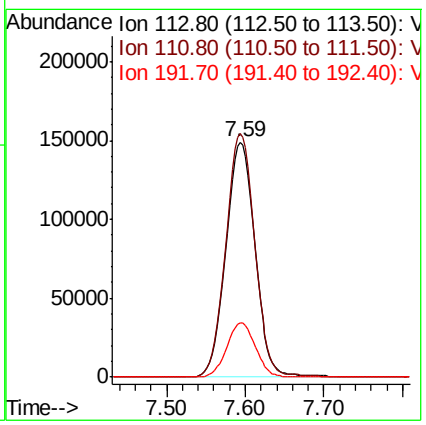


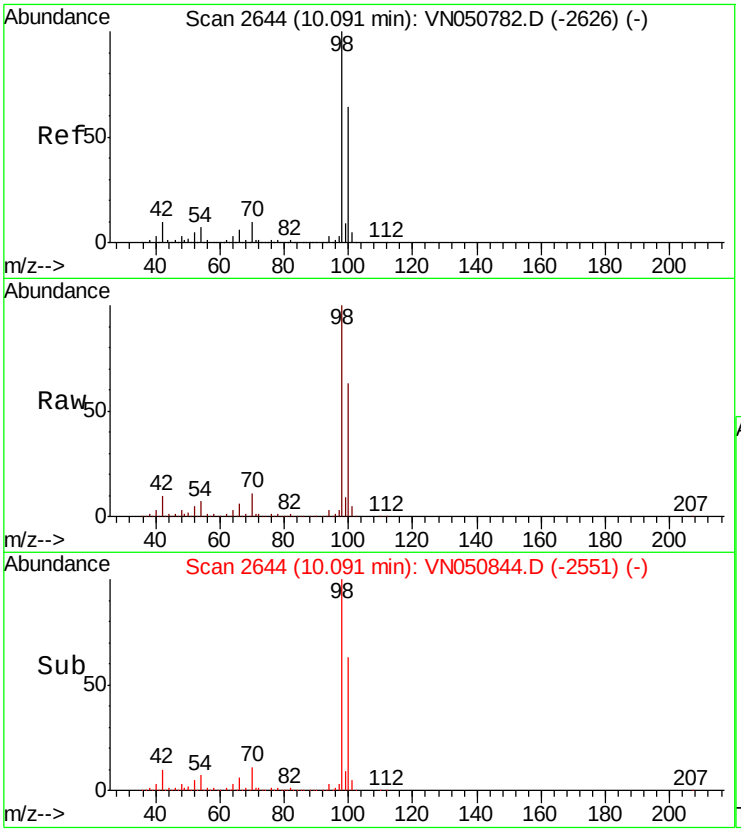


#35
Dibromofluoromethane
Concen: 48.53 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion:113 Resp: 383298

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	22.6	18.0	27.0



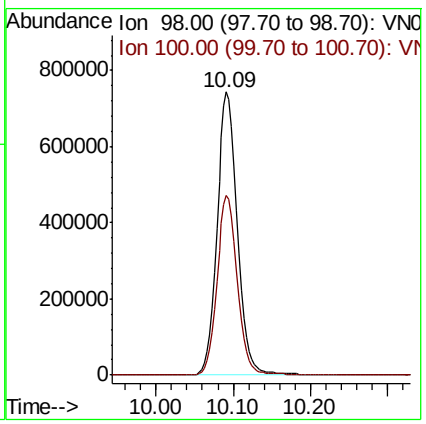


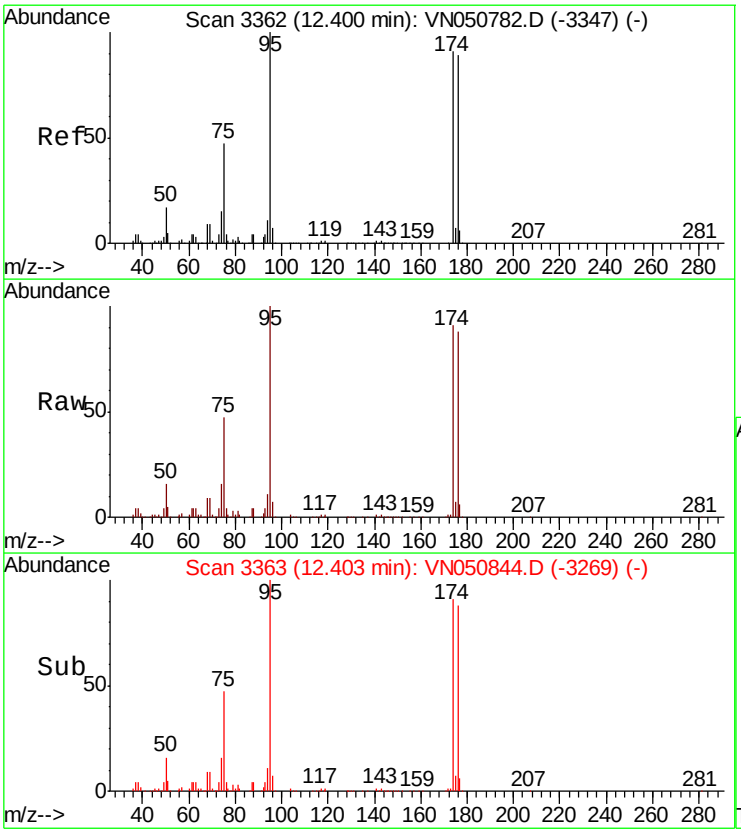
#50
Toluene-d8
Concen: 46.27 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument : MSVOA_N
ClientSampleId : TOTE

Tgt Ion: 98 Resp: 1366082

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3

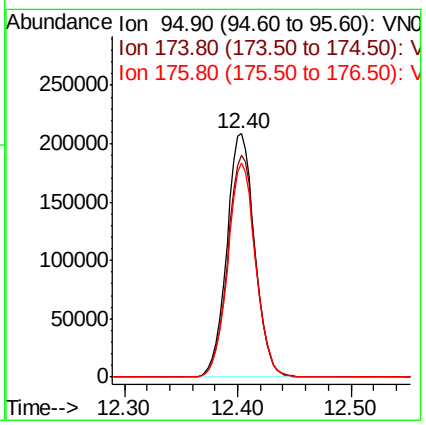


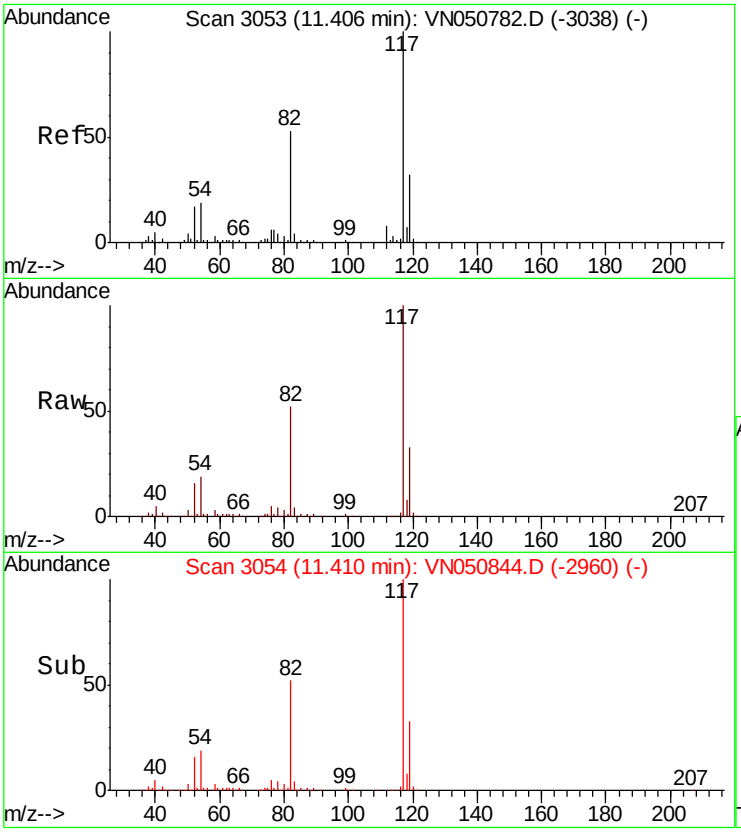


#62
4-Bromofluorobenzene
Concen: 36.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion: 95 Resp: 356791

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	183.0
176	87.9	0.0	178.8



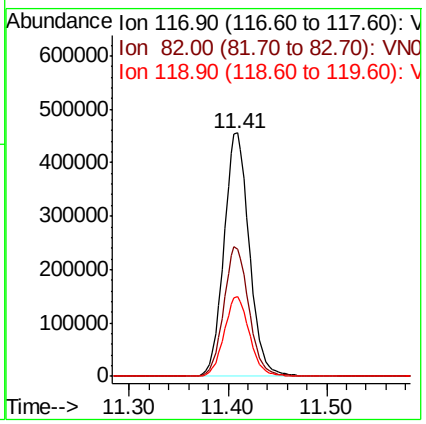


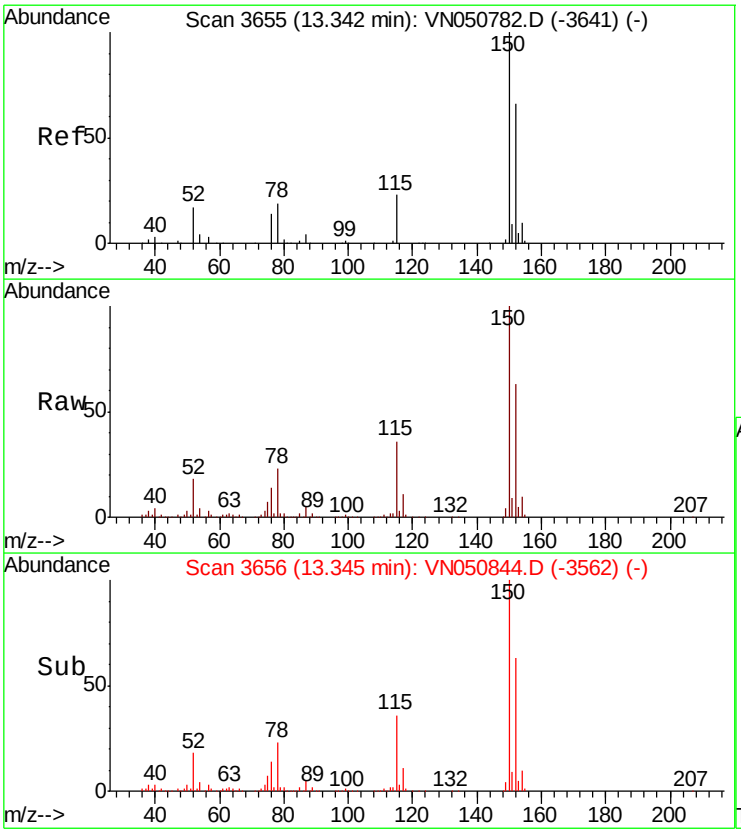
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050844.D
Acq: 23 Aug 2018 11:29

Instrument :
MSVOA_N
ClientSampleId :
TOTE

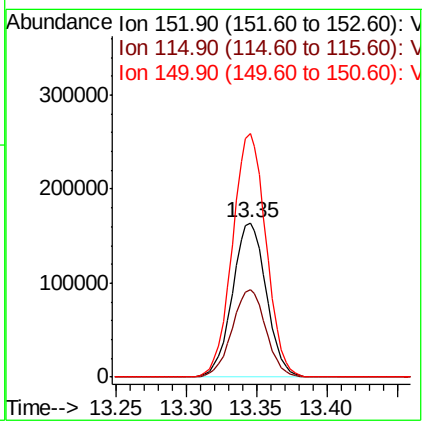
Tgt Ion:117 Resp: 818839

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	32.8	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: VN050844.D
Acq: 23 Aug 2018 11:29

Tgt Ion:152 Resp: 276021

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.4
150	157.1	0.0	351.4