Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
Data File : VN051741.D
Acq On : 8 Oct 2018 17:27
Operator : MD\SY
Sample : J5300-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : SR-STONE

Quant Time: Oct 09 05:39:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426600	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.30%			
35) Dibromofluoromethane	7.59	113	308943	39.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.04%			
50) Toluene-d8	10.09	98	1451595	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.28%			
62) 4-Bromofluorobenzene	12.40	95	421966	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.70%			
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	245759	31.612	ug/l	98
52) Toluene	10.16	92	21793	1.032	ug/l	96
68) m/p-Xylenes	11.62	106	27182	1.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	42184	1.521	ug/l	97
95) Naphthalene	15.13	128	750012	56.097	ug/l	99

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

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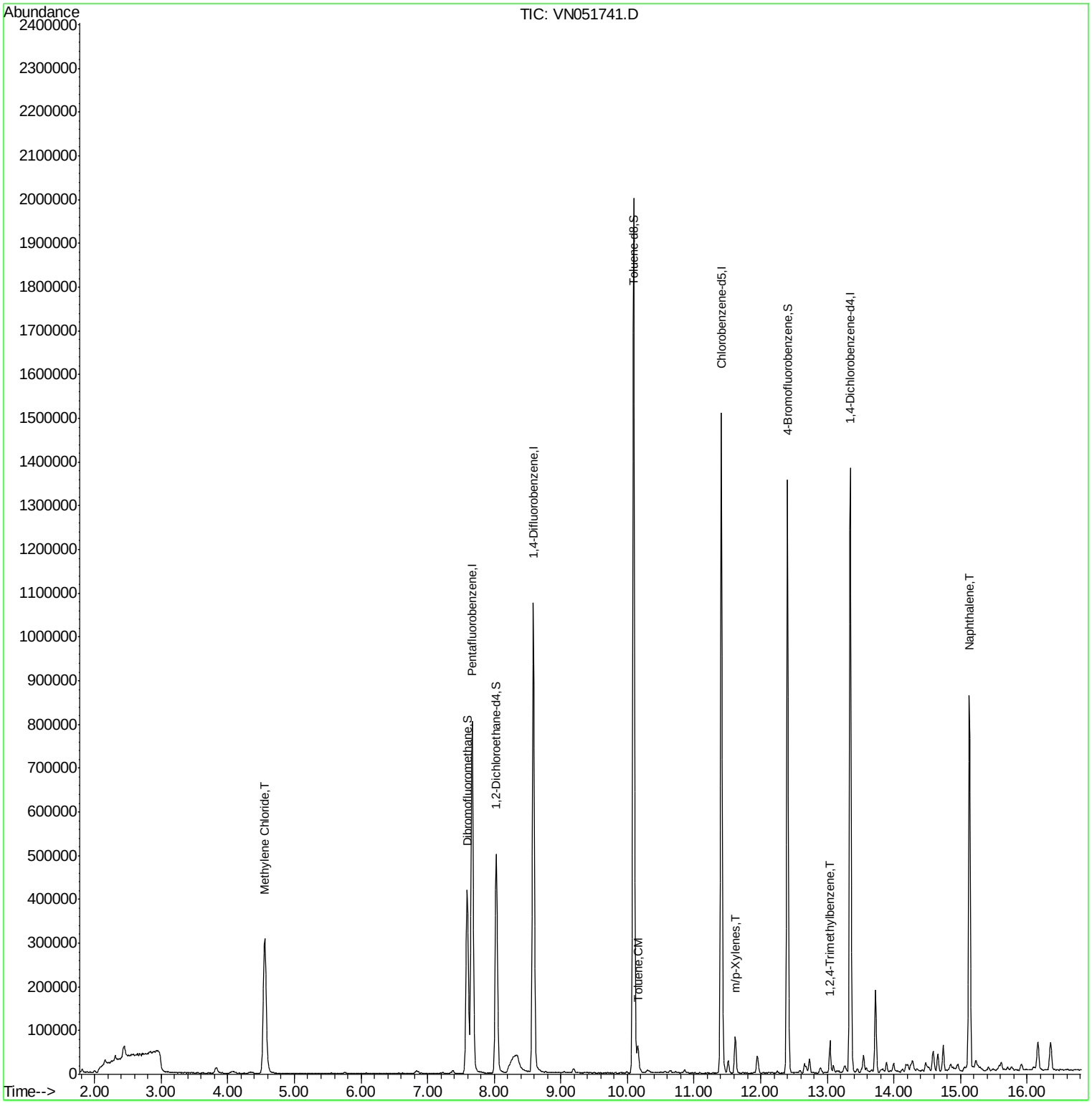
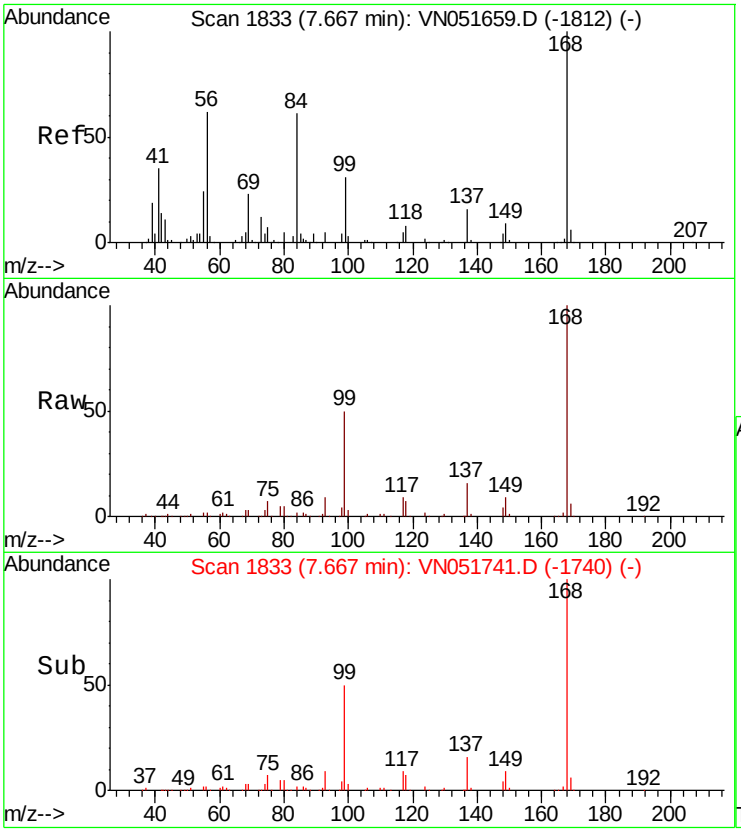


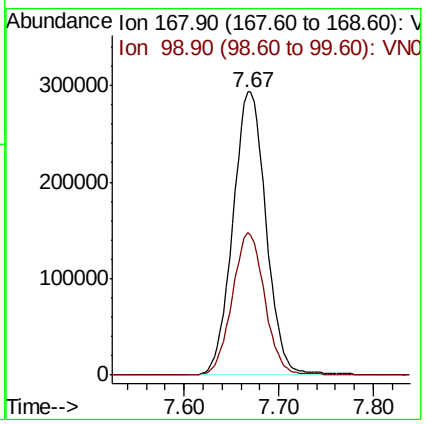


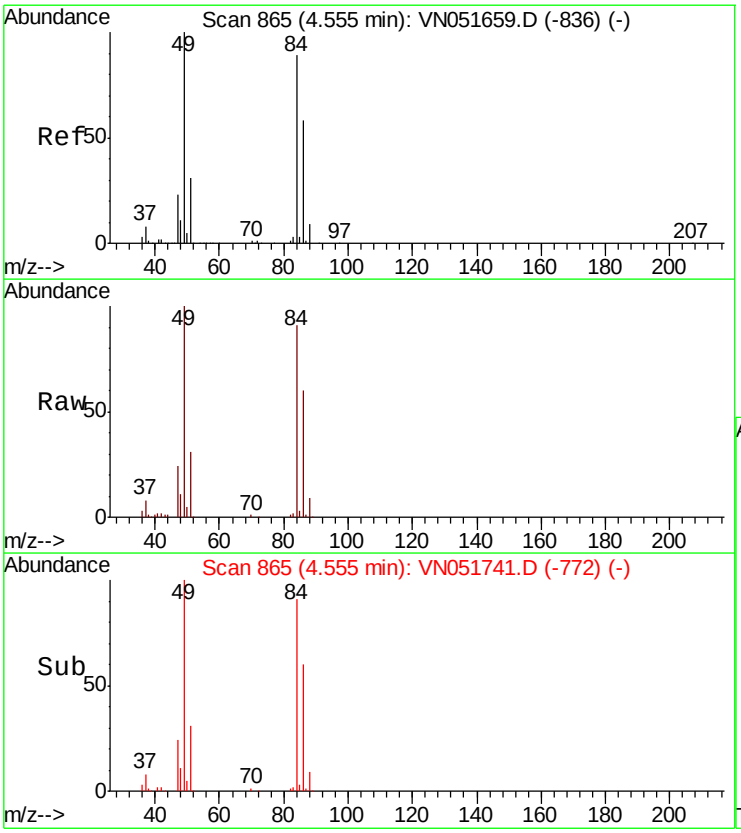
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion:168 Resp: 715280

Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.4	60.6

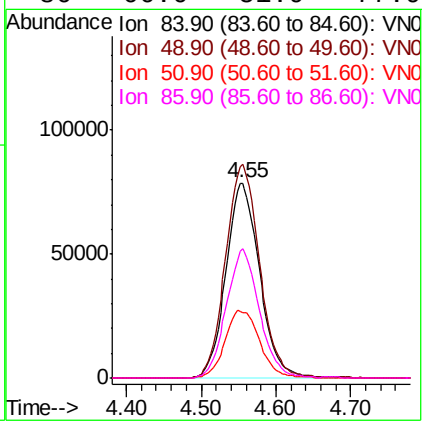


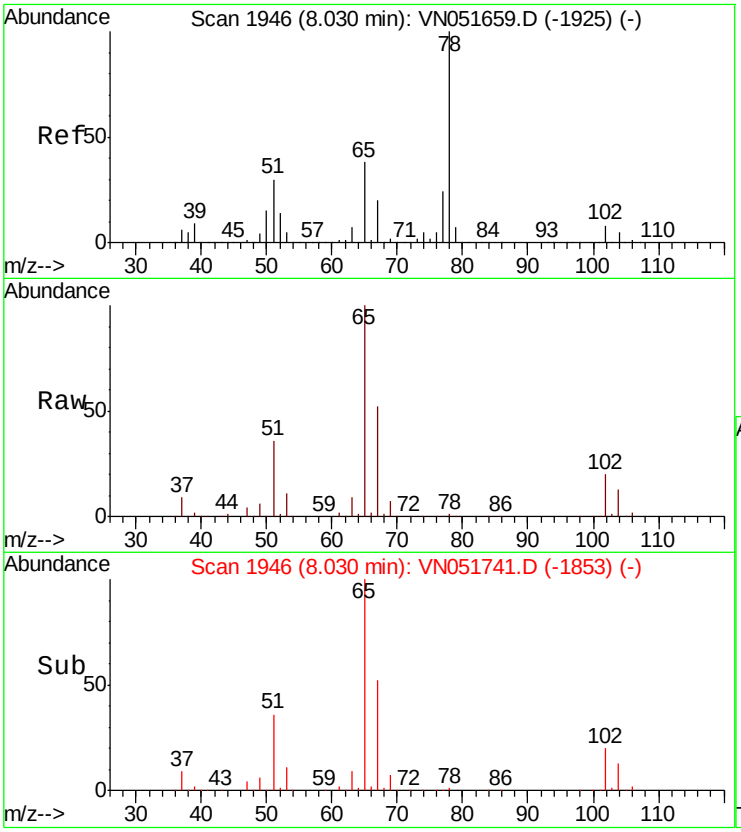


#20
Methylene Chloride
Concen: 31.612 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 84 Resp: 245759

Ion	Ratio	Lower	Upper
84	100		
49	109.3	89.5	134.3
51	33.7	27.4	41.0
86	66.0	51.9	77.9



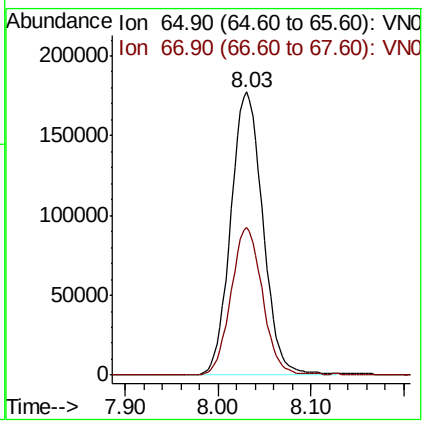


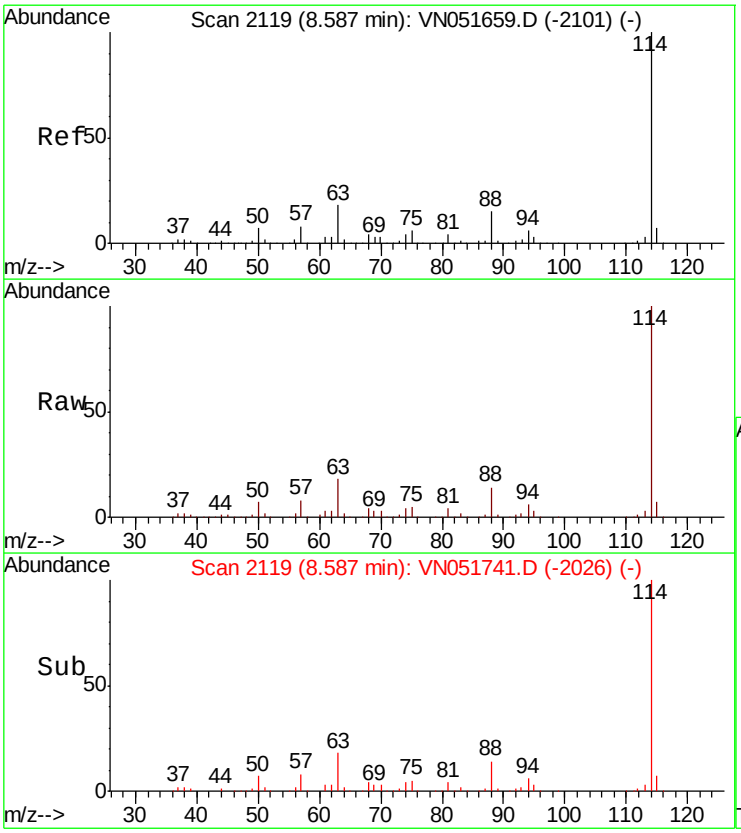
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion: 65 Resp: 426600

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.6

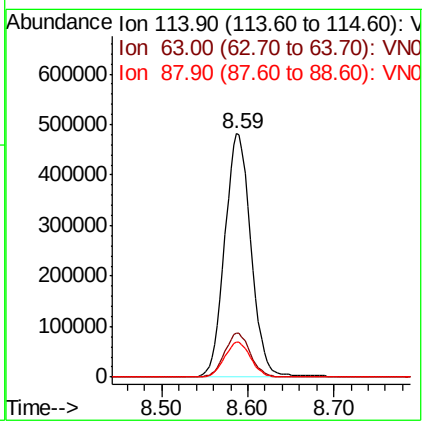


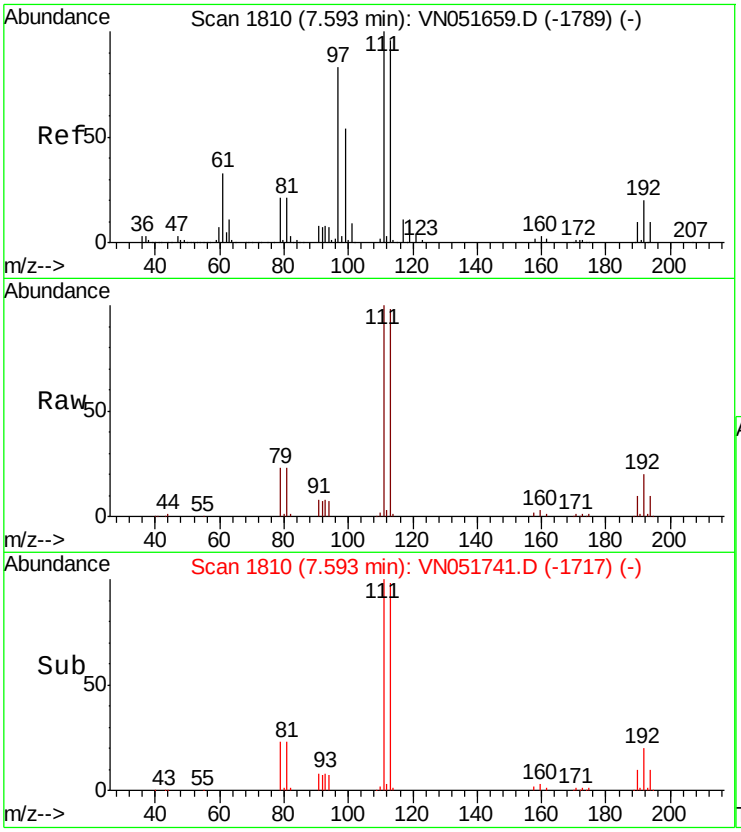


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion:114 Resp: 1024175

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.2
88	14.3	0.0	30.2



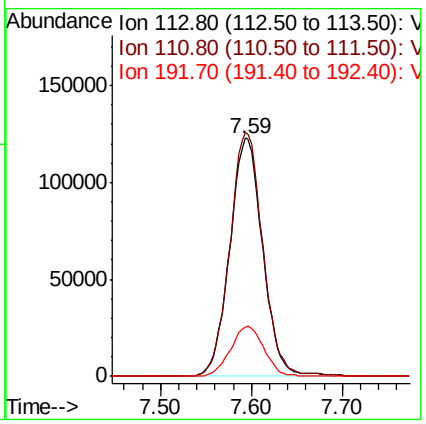


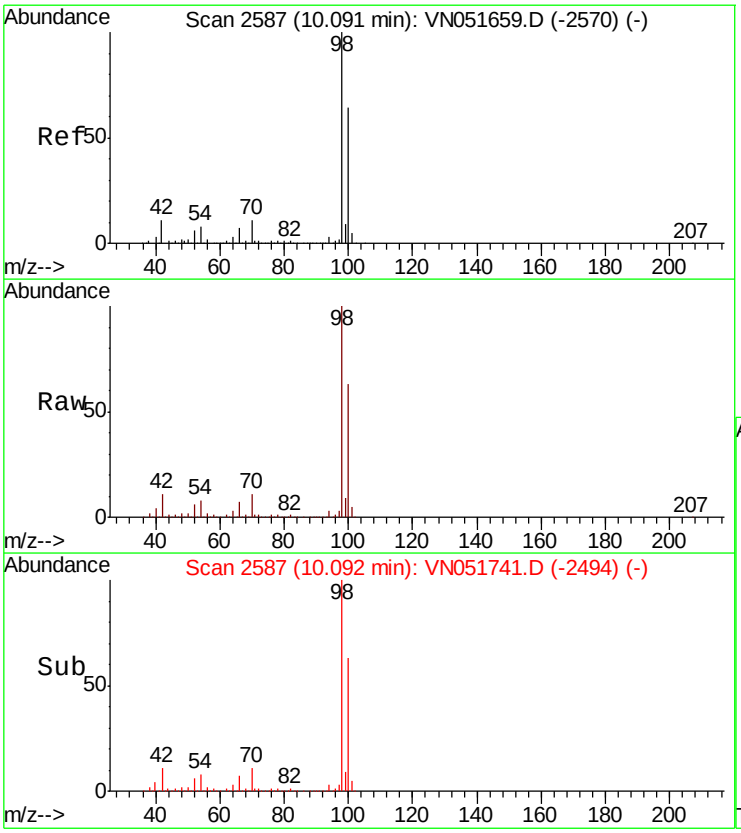
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion:113 Resp: 308943

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	21.4	16.5	24.7

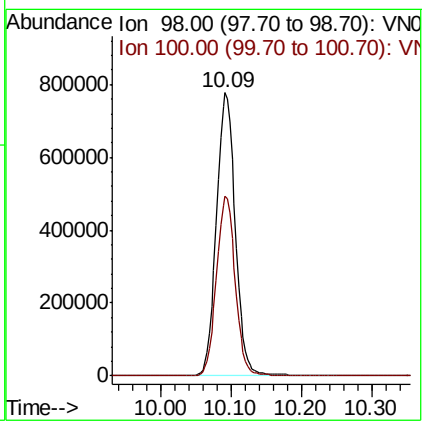


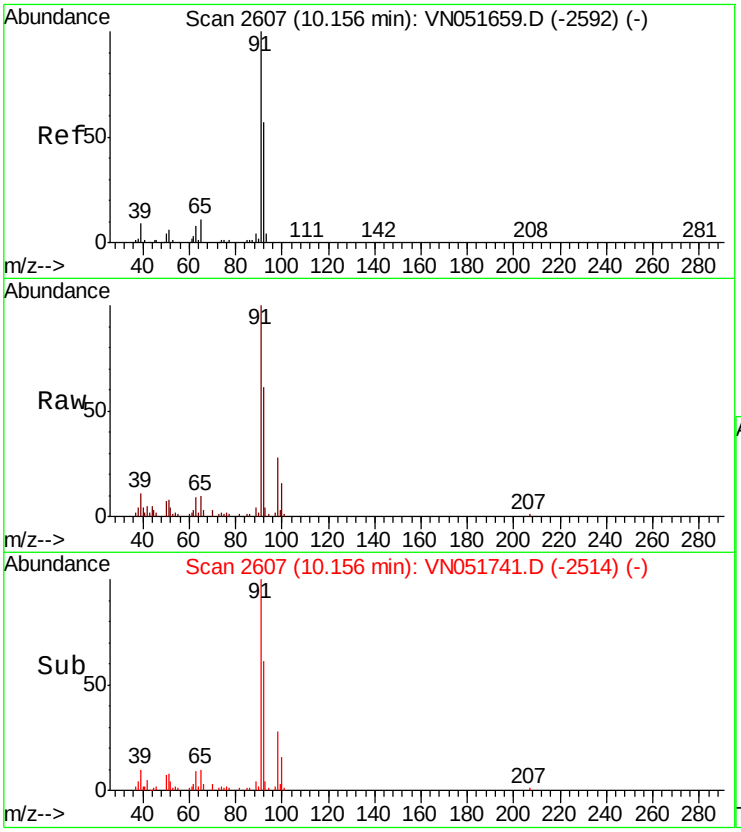


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 98 Resp: 1451595

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



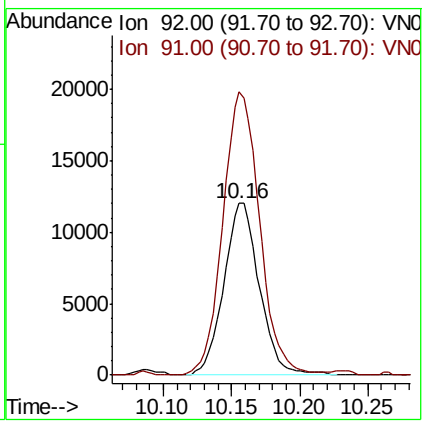


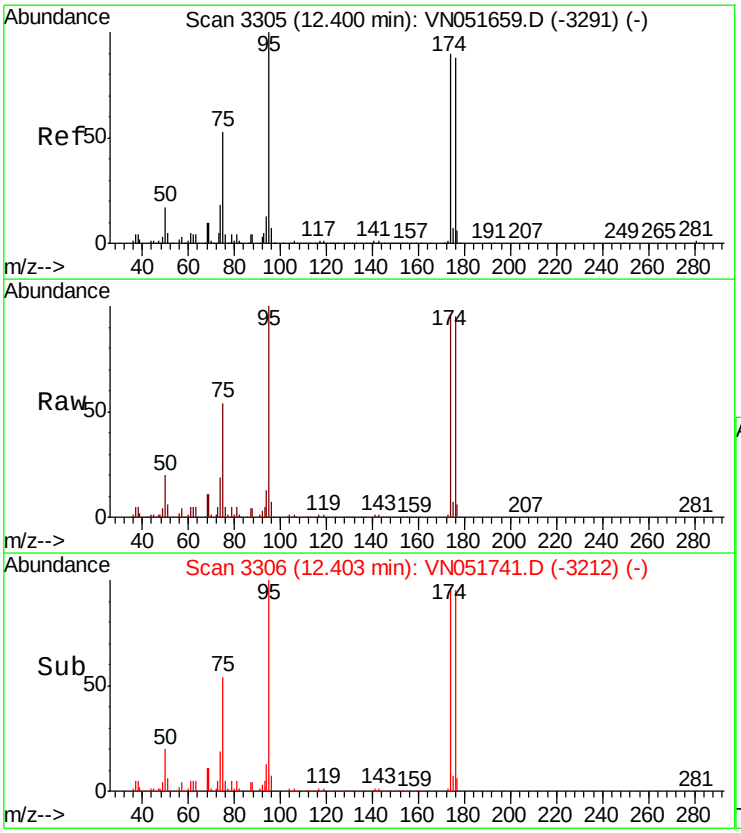
#52
Toluene
Concen: 1.032 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion: 92 Resp: 21793

Ion	Ratio	Lower	Upper
92	100		
91	170.3	140.3	210.5

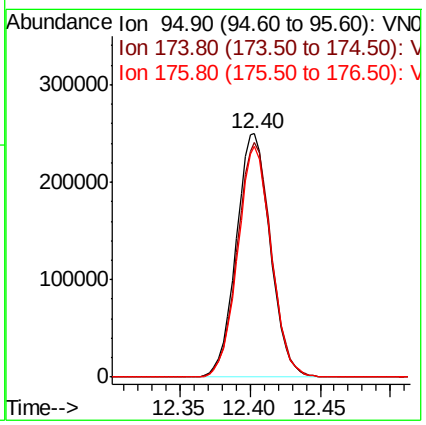


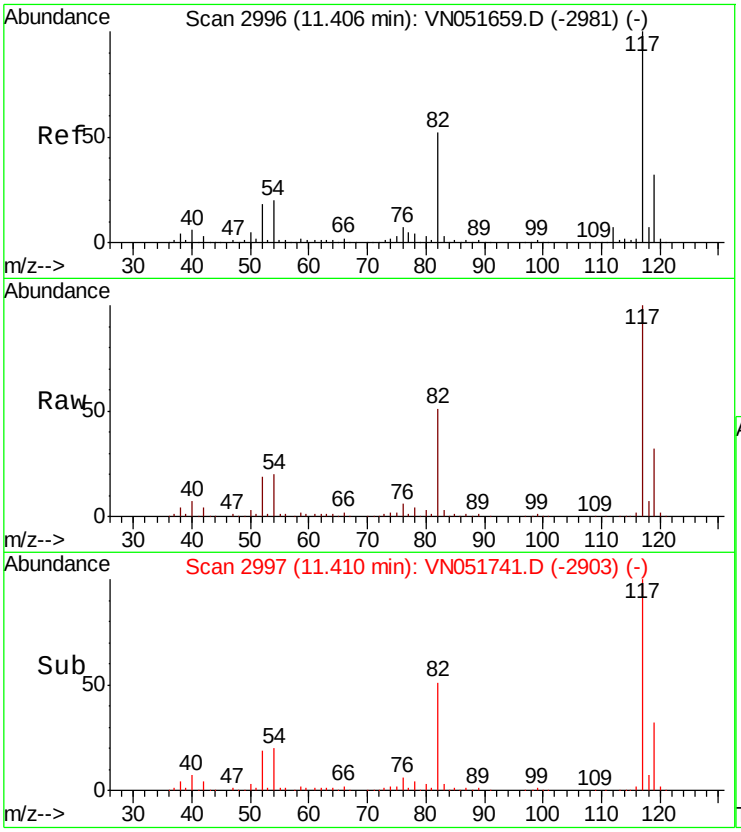


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion: 95 Resp: 421966

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	182.8
176	93.5	0.0	176.4



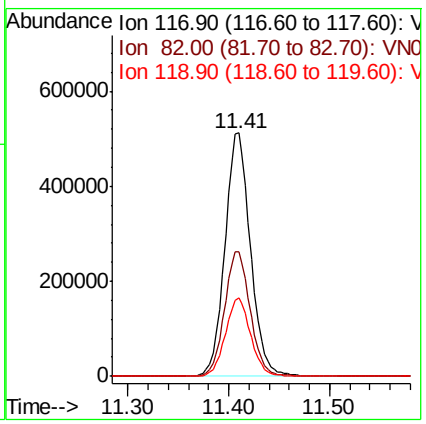


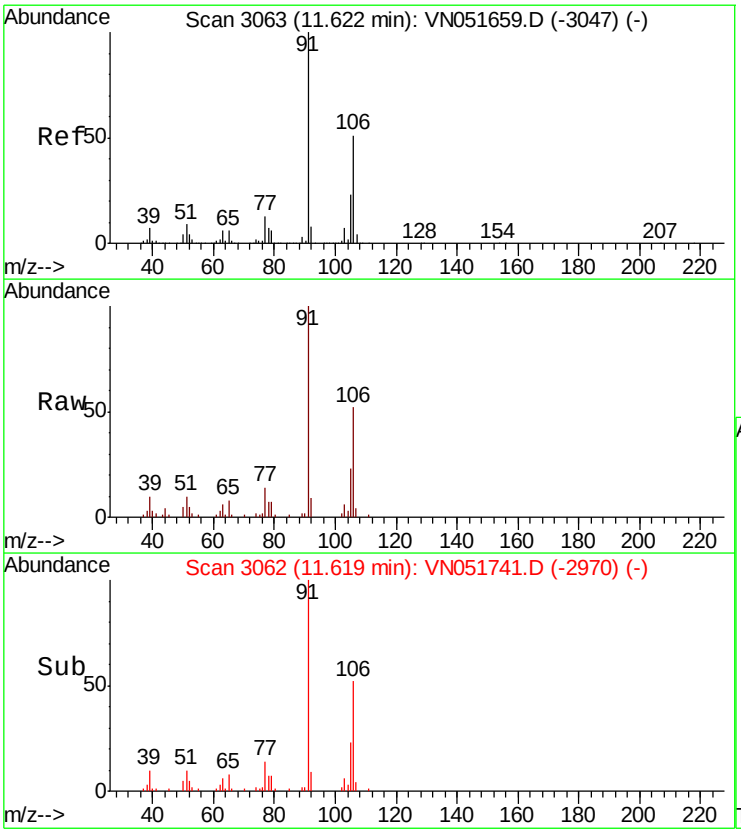
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion:117 Resp: 901978

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.3	61.9
119	32.2	25.9	38.9

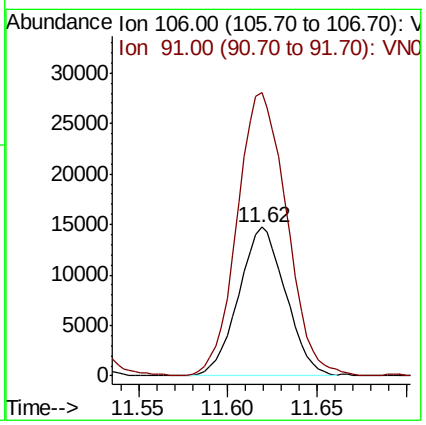


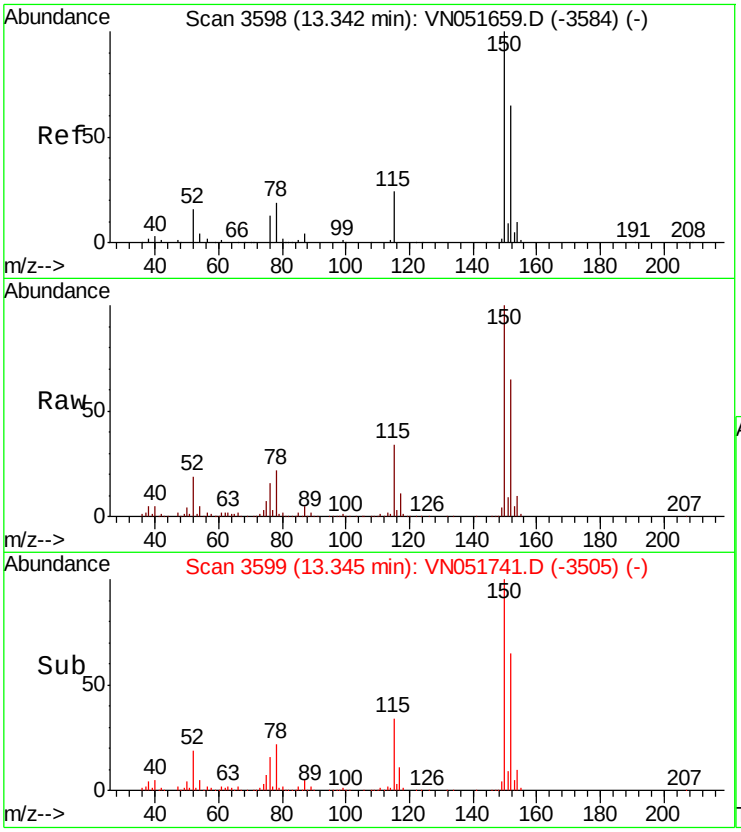


#68
m/p-Xylenes
Concen: 1.759 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion:106 Resp: 27182

Ion	Ratio	Lower	Upper
106	100		
91	200.8	158.4	237.6



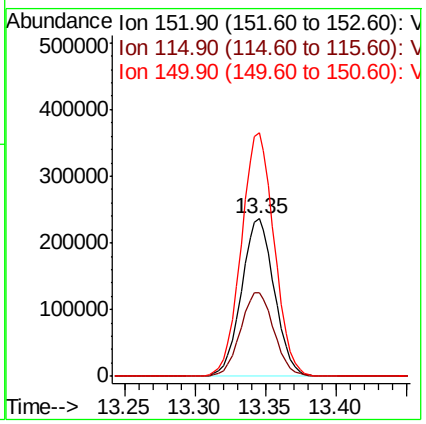


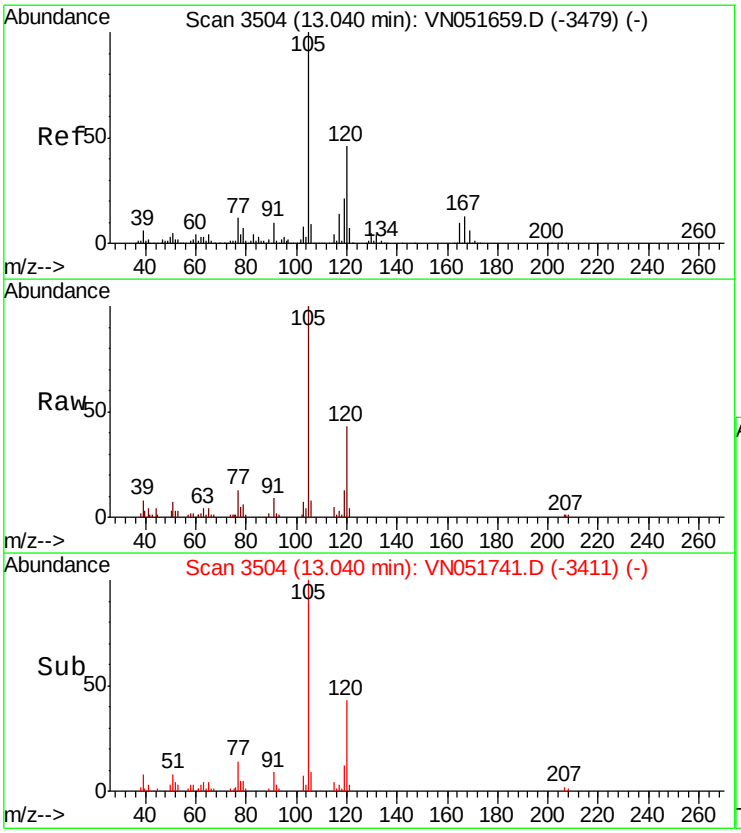
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion:152 Resp: 385363

Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.6	85.8
150	154.9	0.0	352.4

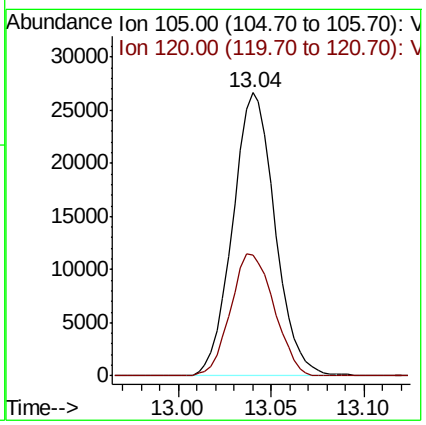


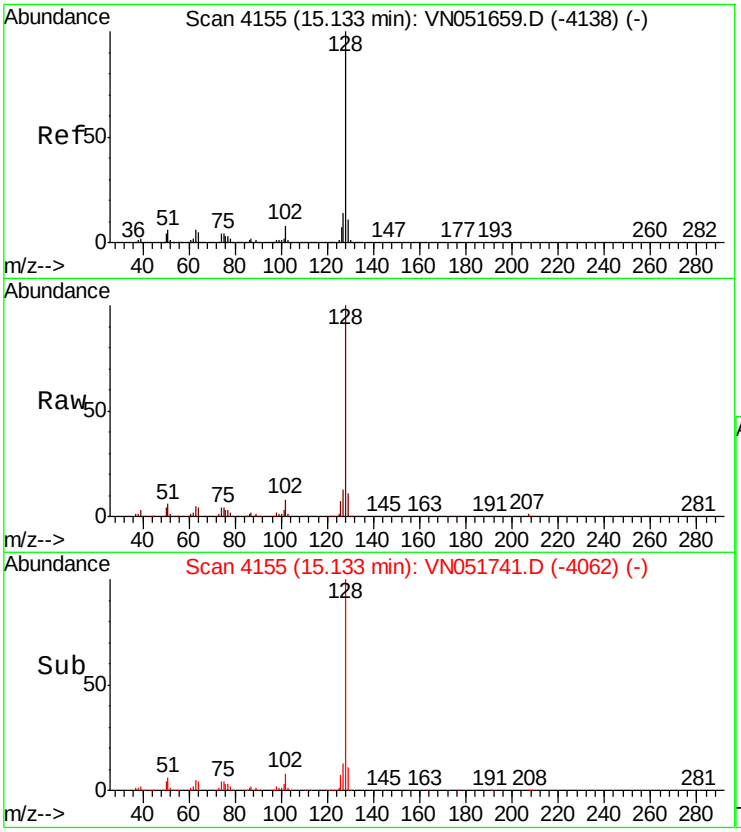


#84
1,2,4-Trimethylbenzene
Concen: 1.521 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Tgt Ion:105 Resp: 42184

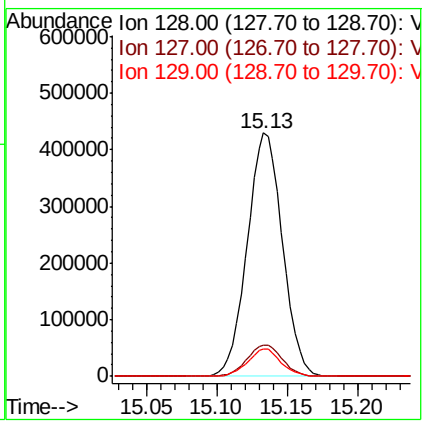
Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.9	68.7





#95
Naphthalene
Concen: 56.097 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051741.D
Acq: 8 Oct 2018 17:27

Instrument :
MSVOA_N
ClientSampleId :
SR-STONE

Tgt Ion:128 Resp: 750012

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	9.0	13.6