Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121418\
Data File : VN052905.D
Acq On : 14 Dec 2018 22:39
Operator : MD\SY
Sample : J6403-44
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Quant Time: Dec 15 03:57:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1419750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2203698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1912391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	774533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	724987	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.04%			
35) Dibromofluoromethane	7.59	113	569746	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.64%			
50) Toluene-d8	10.09	98	2653785	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
62) 4-Bromofluorobenzene	12.40	95	849303	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.98%			
Target Compounds						Qvalue
16) Acetone	3.82	43	31978	9.432	ug/l	99
20) Methylene Chloride	4.56	84	124429	8.155	ug/l	98
43) Isopropyl Acetate	8.17	43	74735	2.990	ug/l #	77
52) Toluene	10.16	92	356970	9.677	ug/l	100
67) Ethyl Benzene	11.51	91	313226	4.597	ug/l	100
68) m/p-Xylenes	11.62	106	519615	20.310	ug/l	99
69) o-Xylene	11.95	106	188166	7.532	ug/l	98
78) n-propylbenzene	12.59	91	169529	2.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	279346	5.984	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	983446	20.809	ug/l	100
95) Naphthalene	15.13	128	127288	4.497	ug/l	100

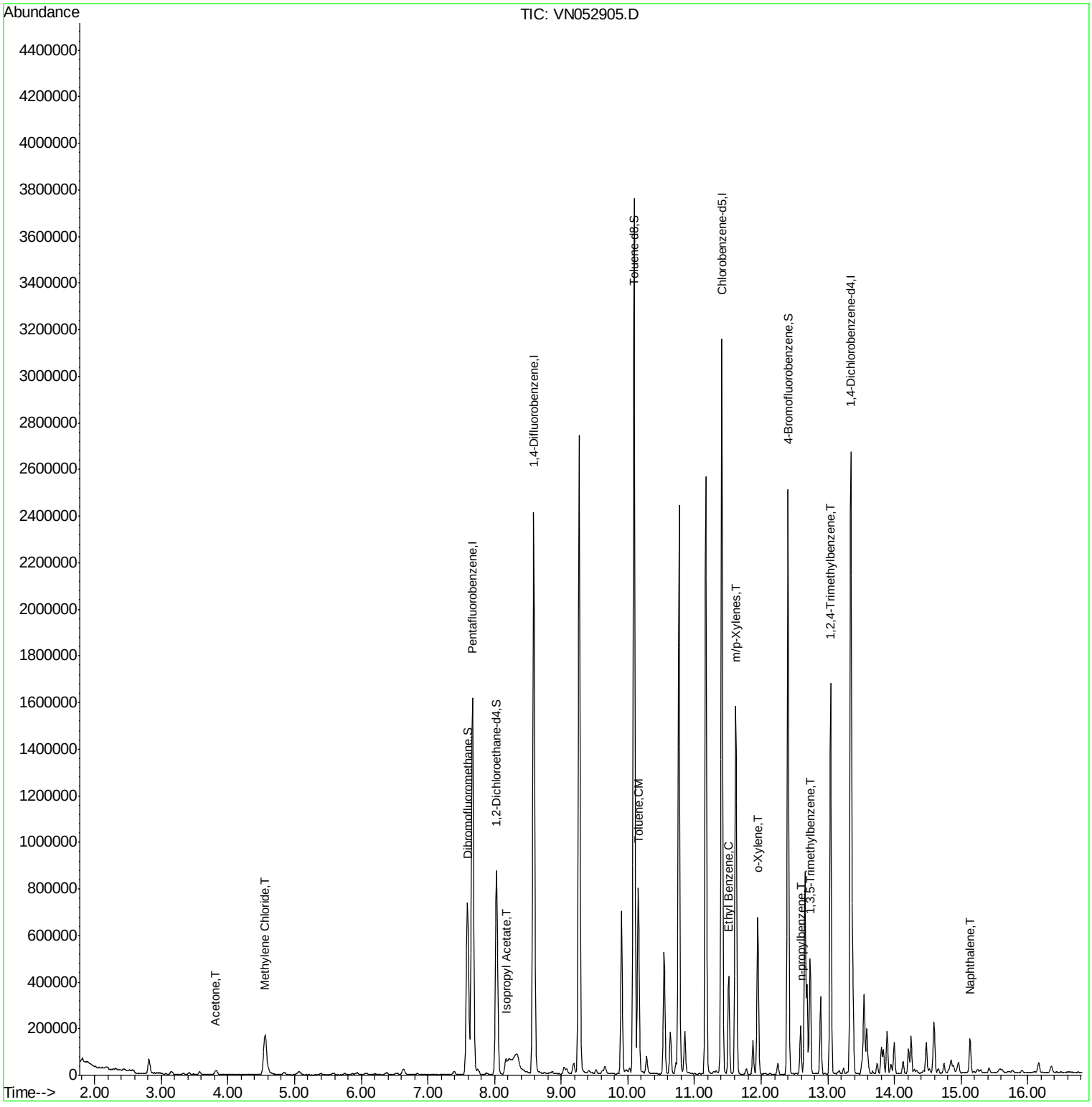
(#) = qualifier out of range (m) = manual integration (+) = signals summed

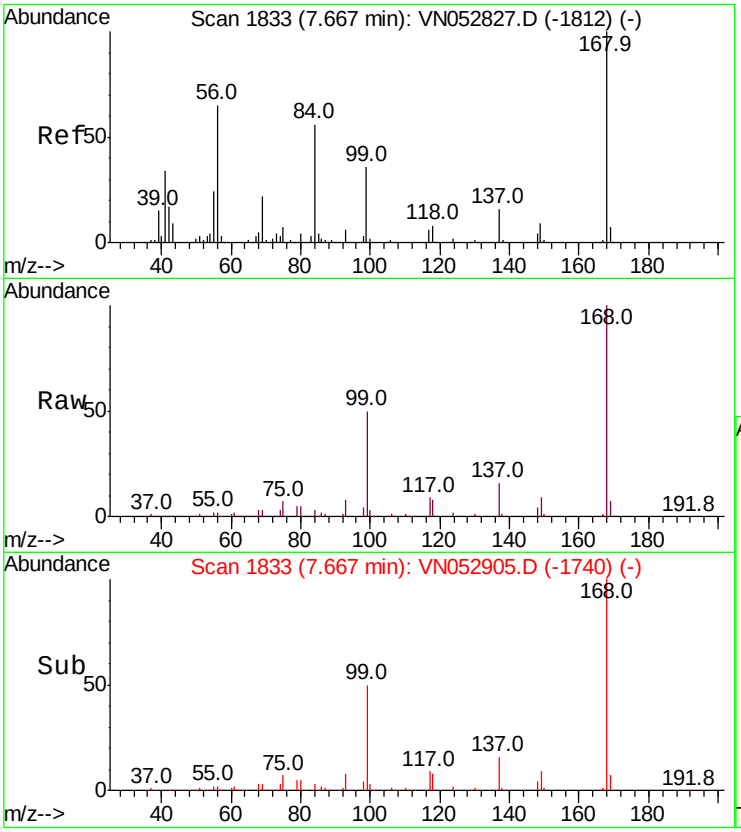
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121418\
Data File : VN052905.D
Acq On : 14 Dec 2018 22:39
Operator : MD\SY
Sample : J6403-44
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Quant Time: Dec 15 03:57:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



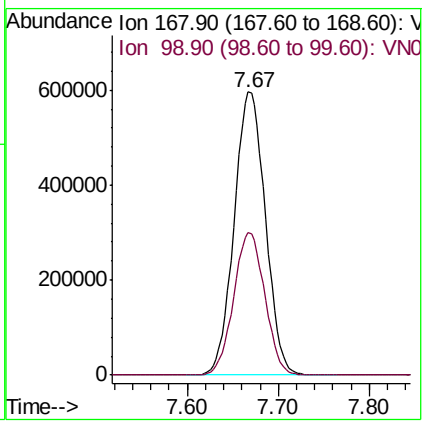


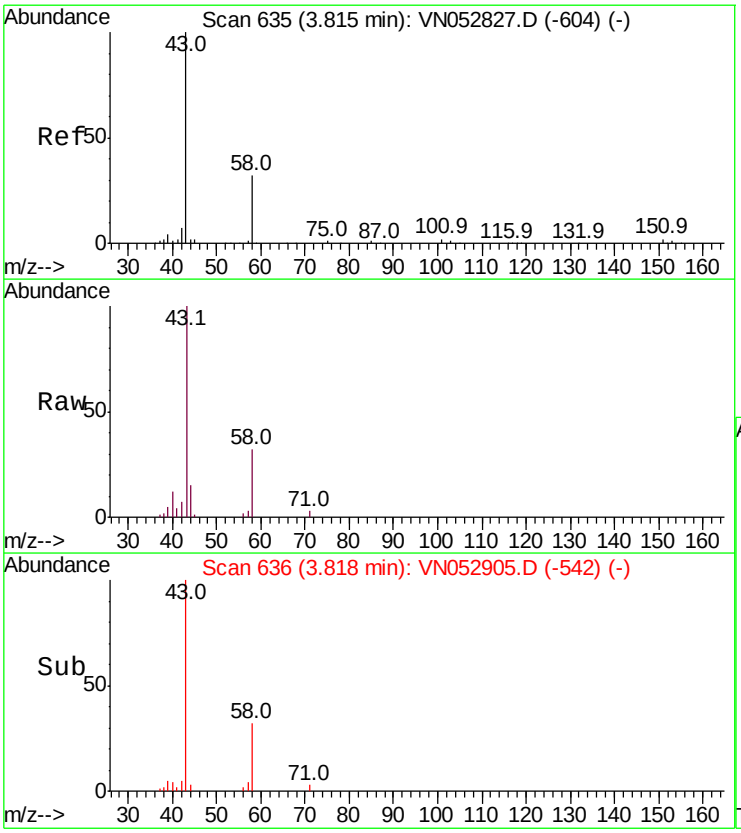
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:168 Resp: 1419750

Ion	Ratio	Lower	Upper
168	100		
99	50.5	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

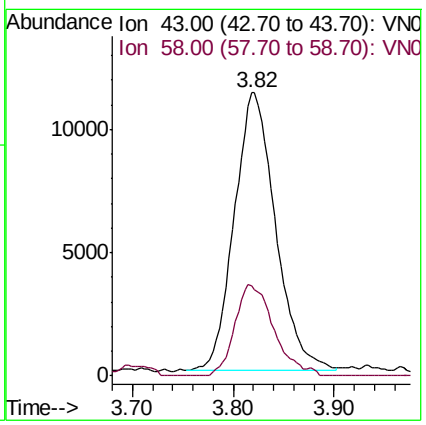


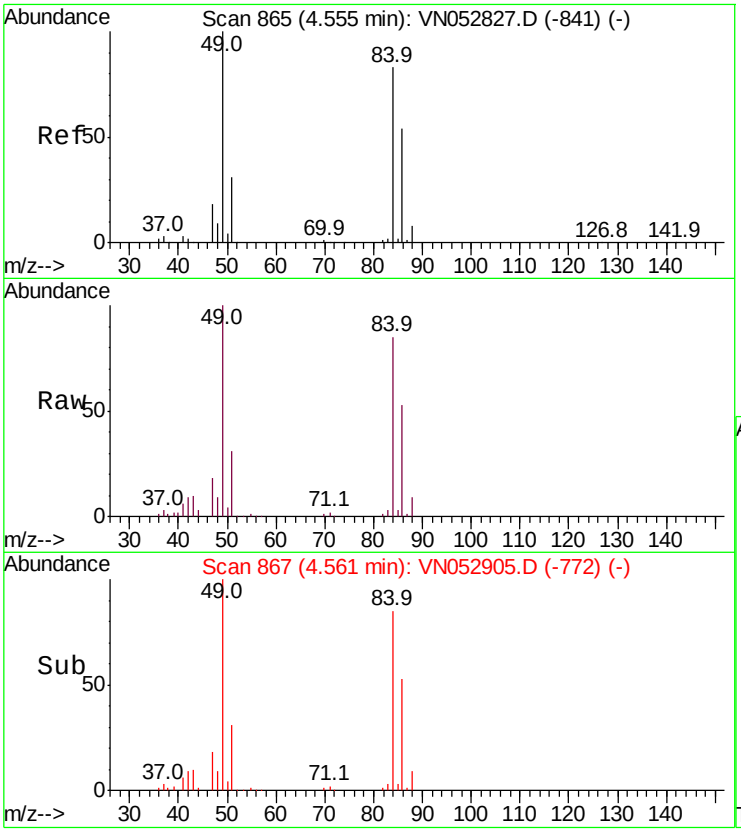


#16
Acetone
Concen: 9.432 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 43 Resp: 31978

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.4	38.0



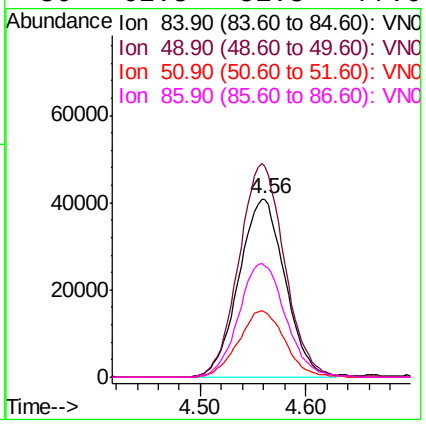


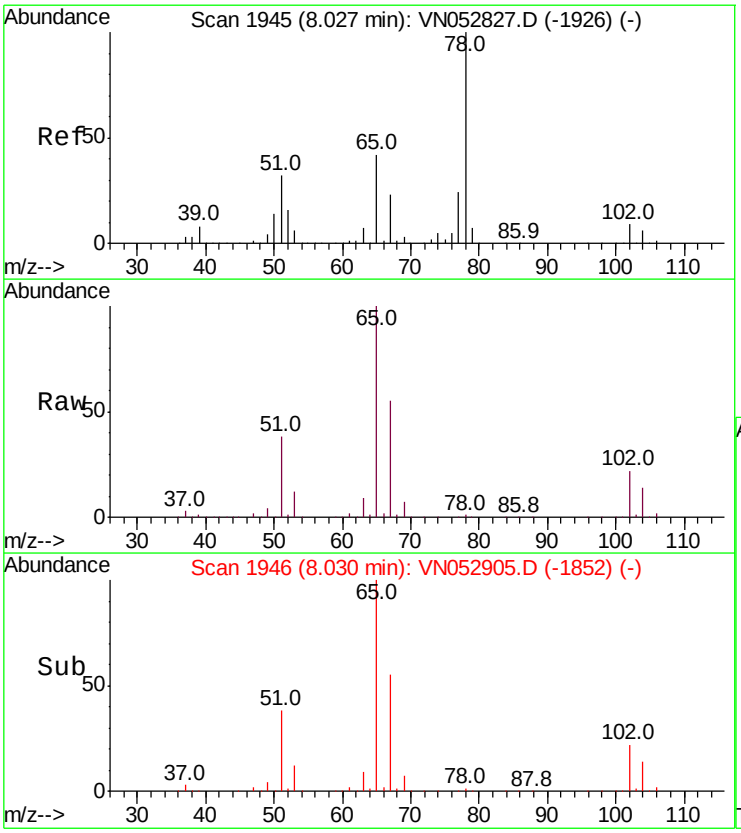
#20
Methylene Chloride
Concen: 8.155 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Tgt Ion: 84 Resp: 124429

Ion	Ratio	Lower	Upper
84	100		
49	118.2	96.8	145.2
51	36.7	29.9	44.9
86	62.8	51.8	77.6

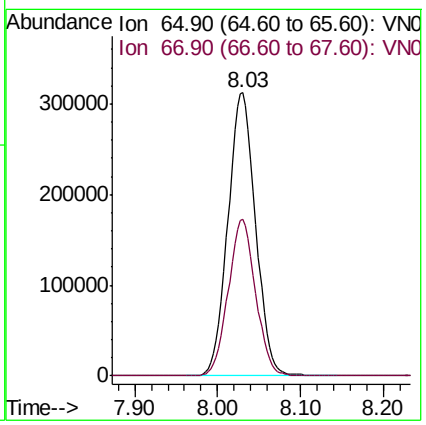


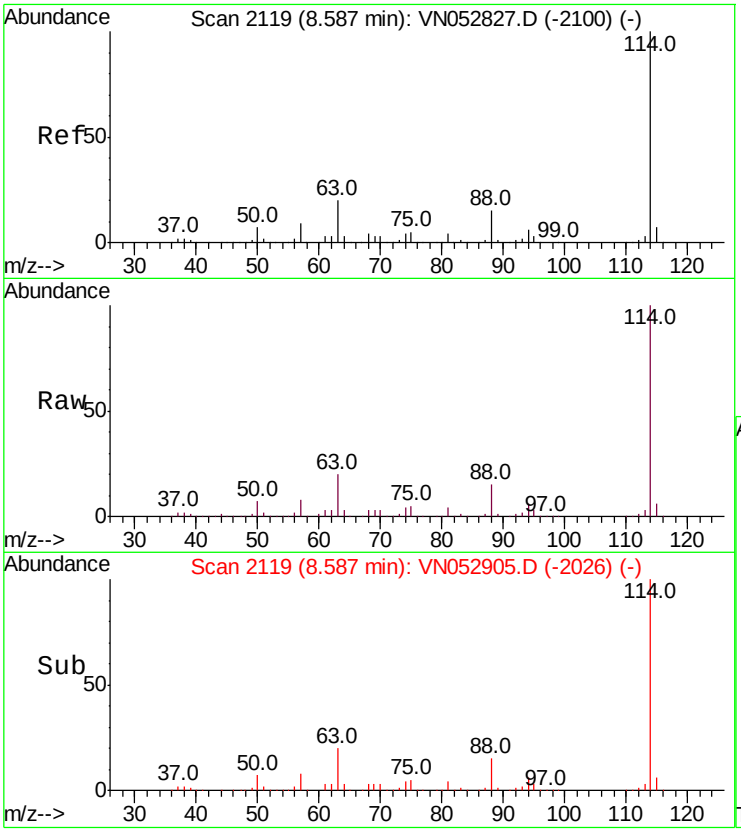


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 65 Resp: 724987

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4



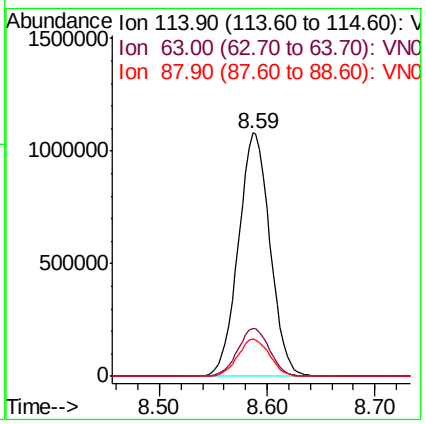


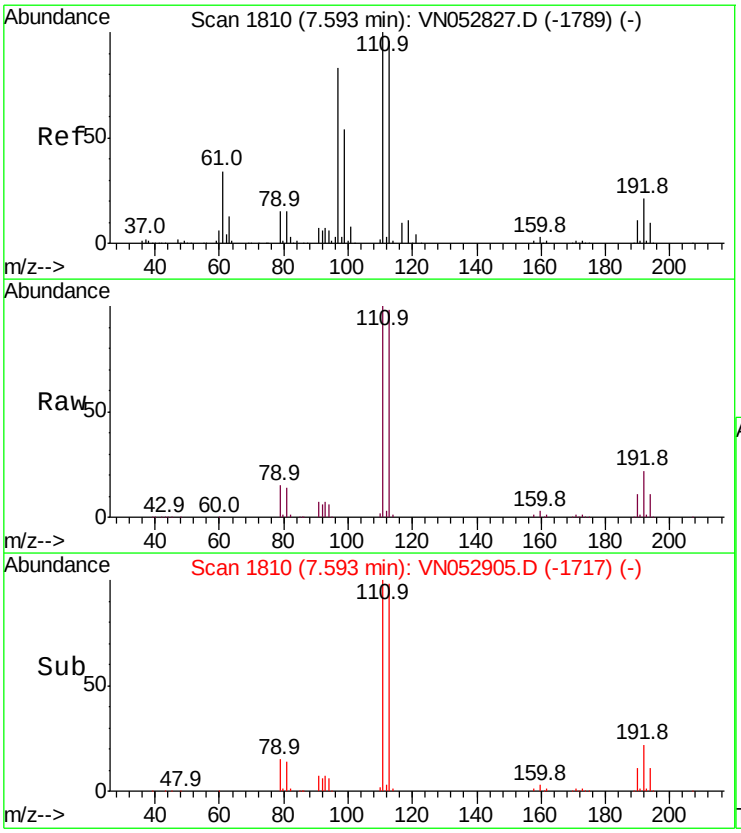
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

Tgt Ion:114 Resp: 2203698

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.4	0.0	31.0

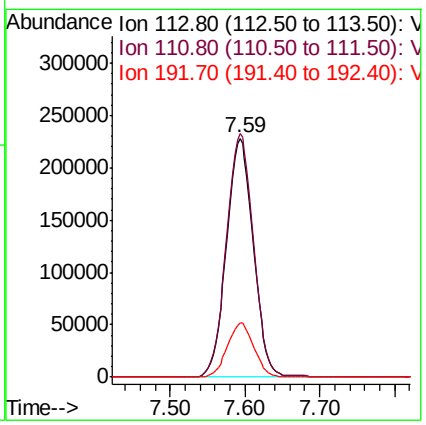


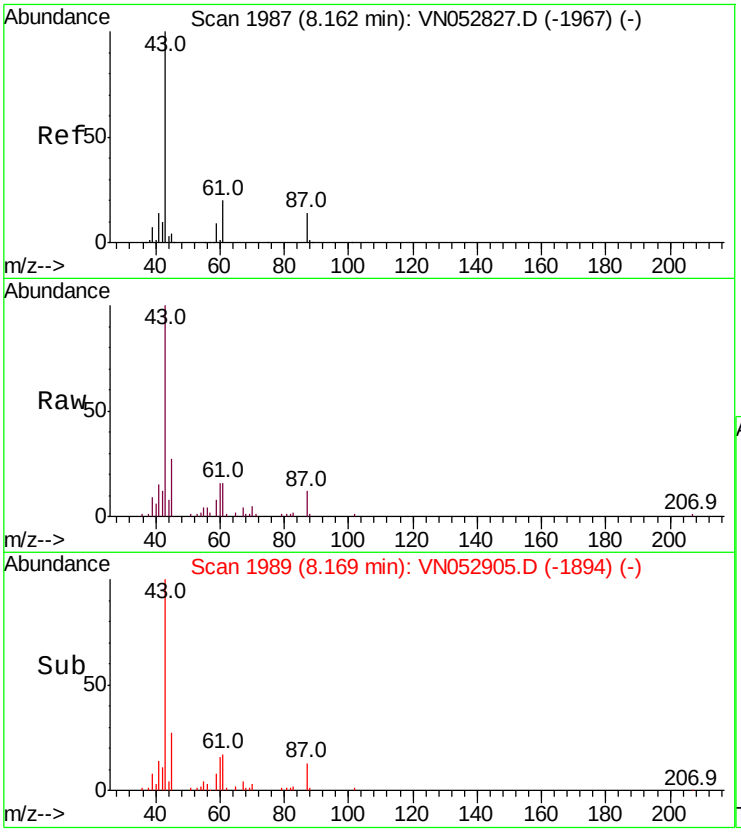


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:113 Resp: 569746

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	22.4	17.5	26.3



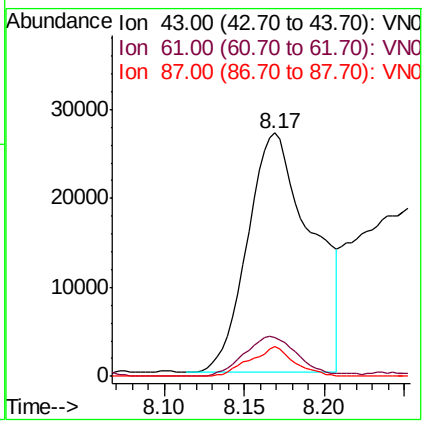


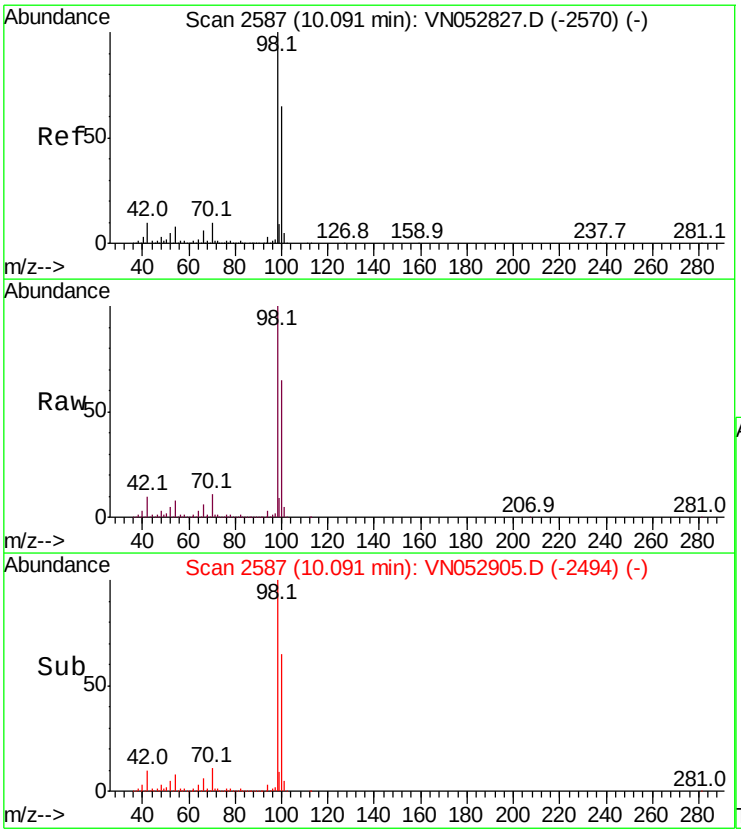
#43
Isopropyl Acetate
Concen: 2.990 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Tgt Ion: 43 Resp: 74735

Ion	Ratio	Lower	Upper
43	100		
61	13.8	22.9	34.3#
87	8.5	10.6	15.8#

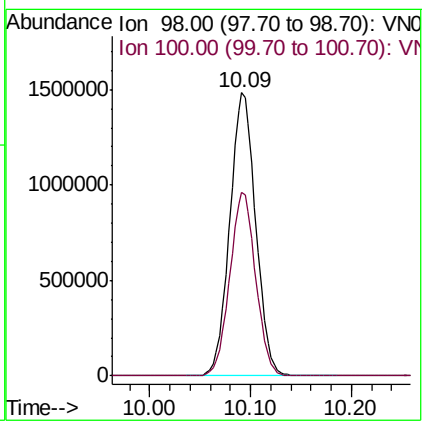


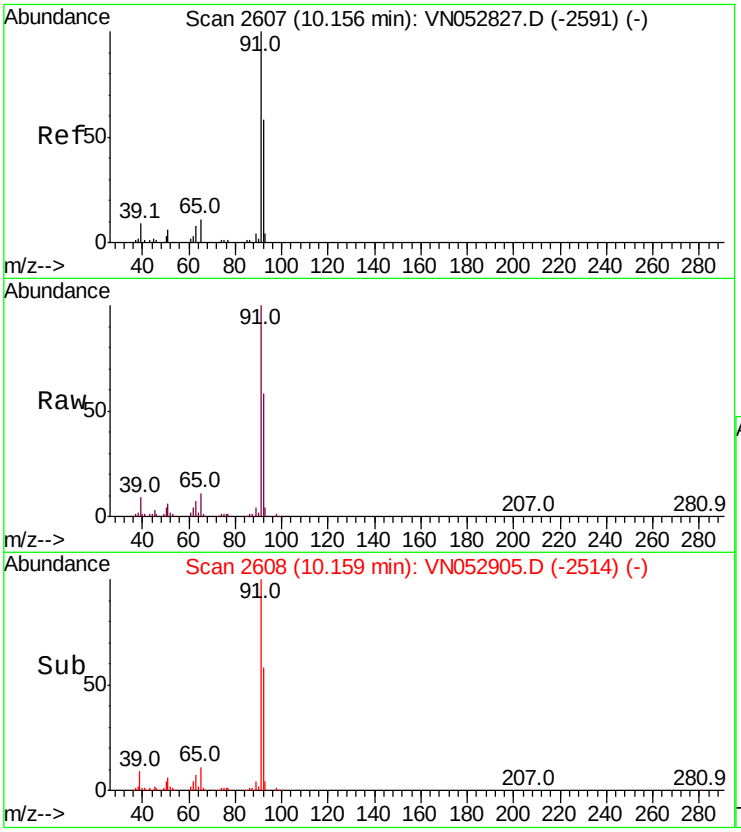


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 98 Resp: 2653785

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4



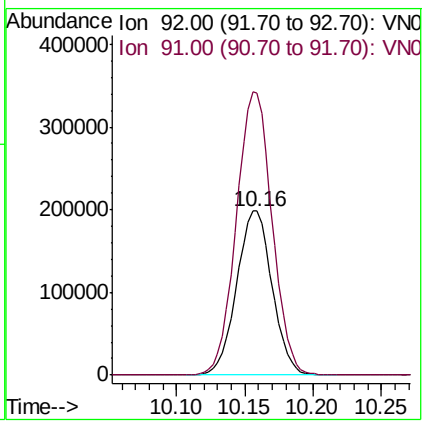


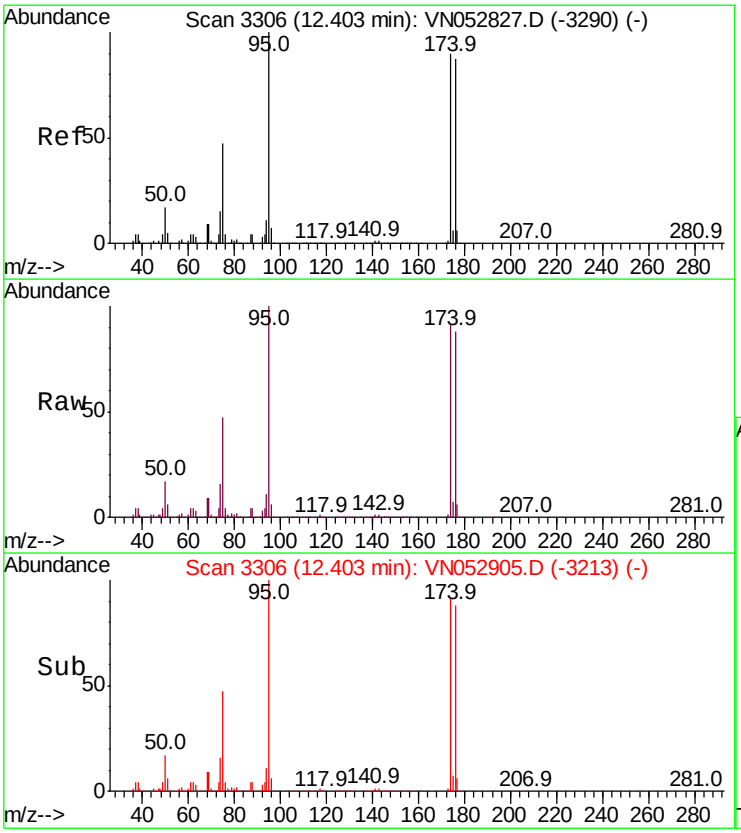
#52
Toluene
Concen: 9.677 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

Tgt Ion: 92 Resp: 356970

Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.8	209.6

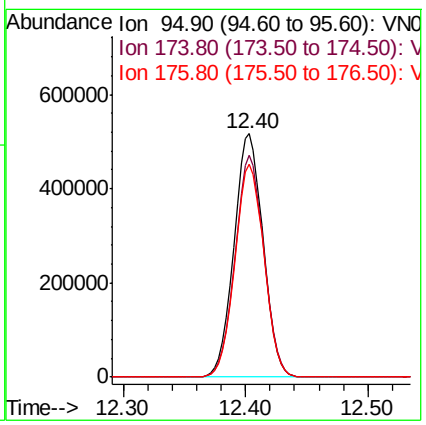


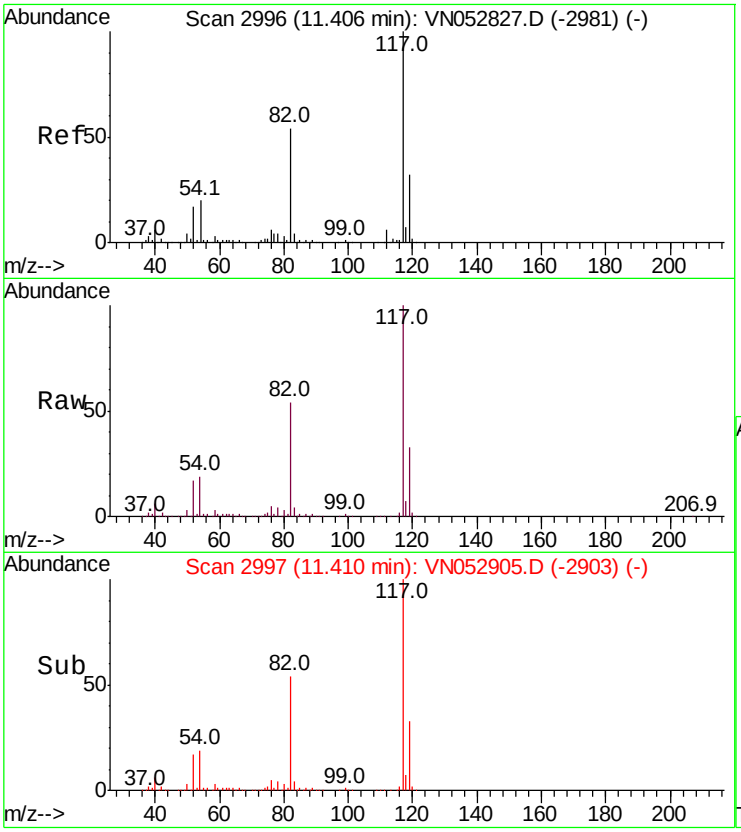


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 95 Resp: 849303

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	178.8
176	87.3	0.0	173.8



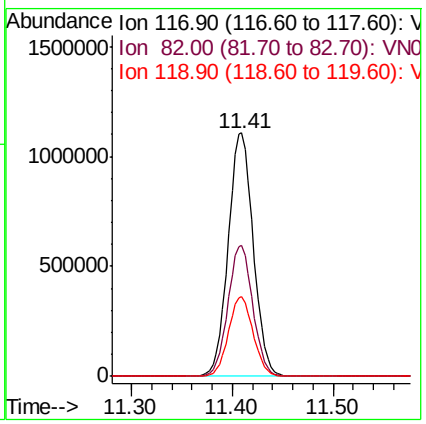


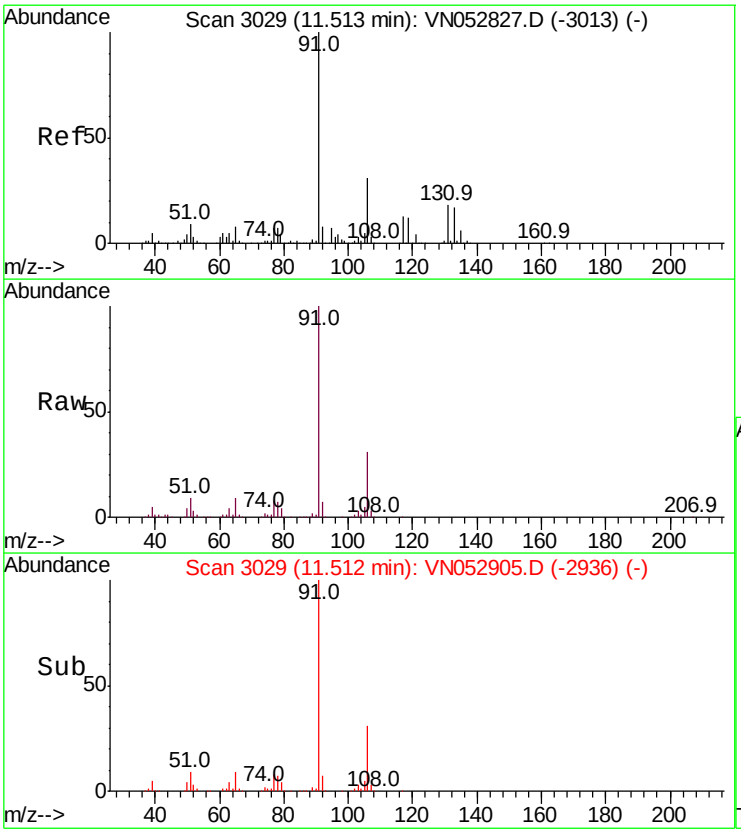
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Tgt Ion:117 Resp: 1912391

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.6	25.5	38.3

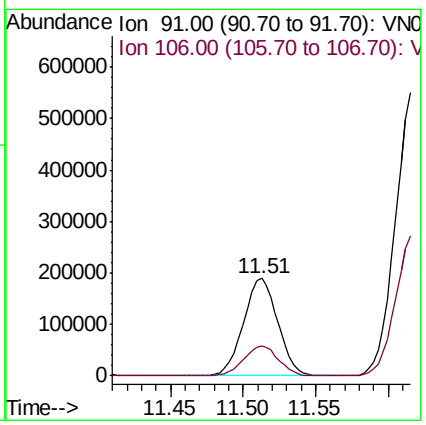


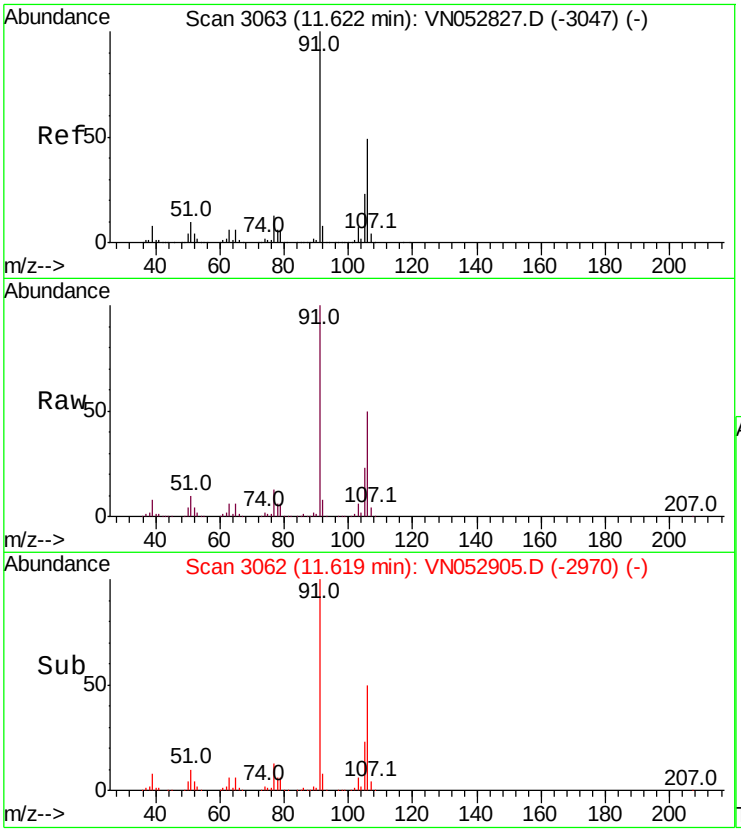


#67
Ethyl Benzene
Concen: 4.597 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 313226

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3



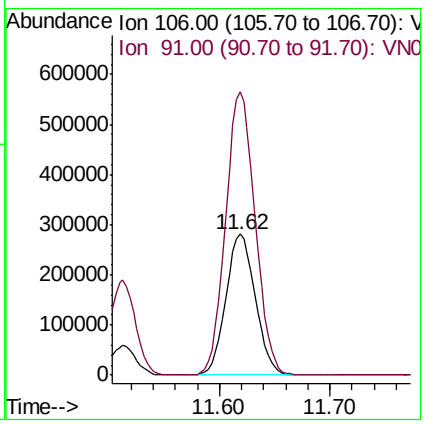


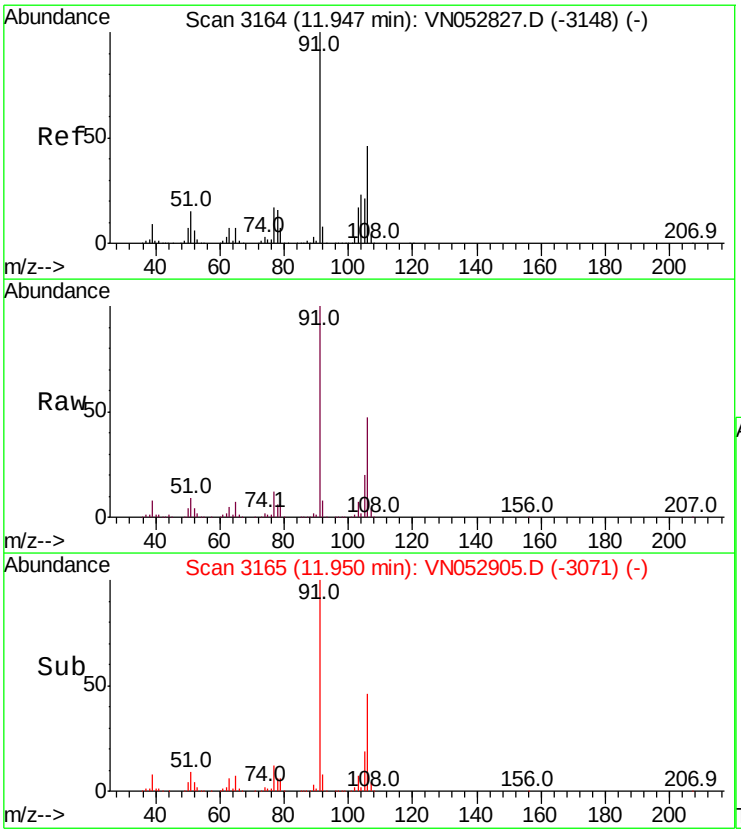
#68
m/p-Xylenes
Concen: 20.310 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

Tgt Ion:106 Resp: 519615

Ion	Ratio	Lower	Upper
106	100		
91	201.2	162.2	243.4

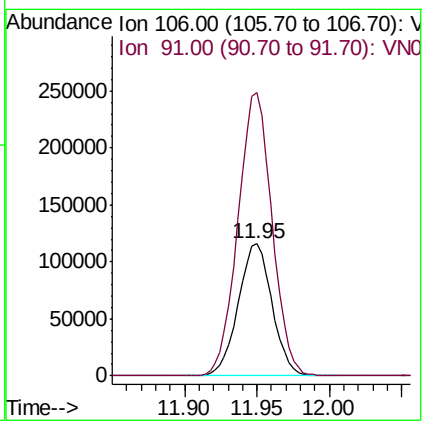


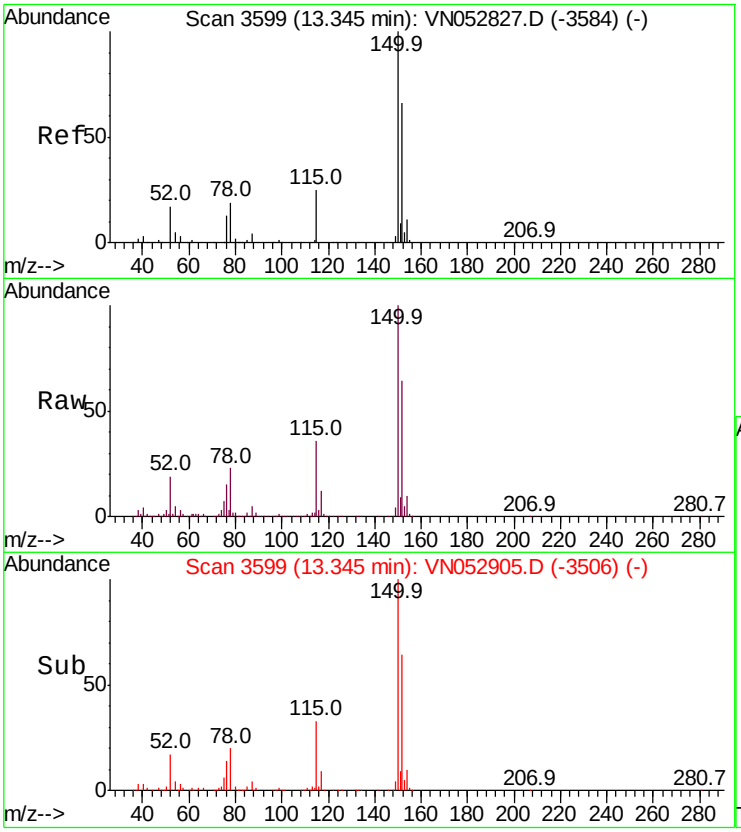


#69
o-Xylene
Concen: 7.532 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:106 Resp: 188166

Ion	Ratio	Lower	Upper
106	100		
91	216.4	106.6	319.8



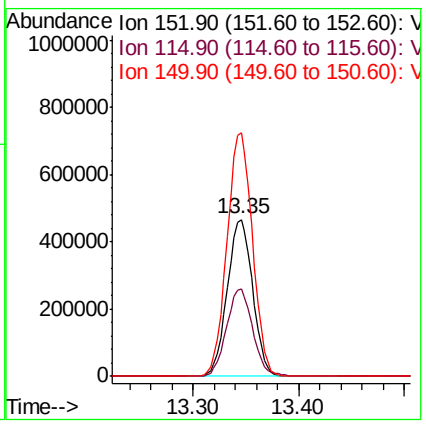


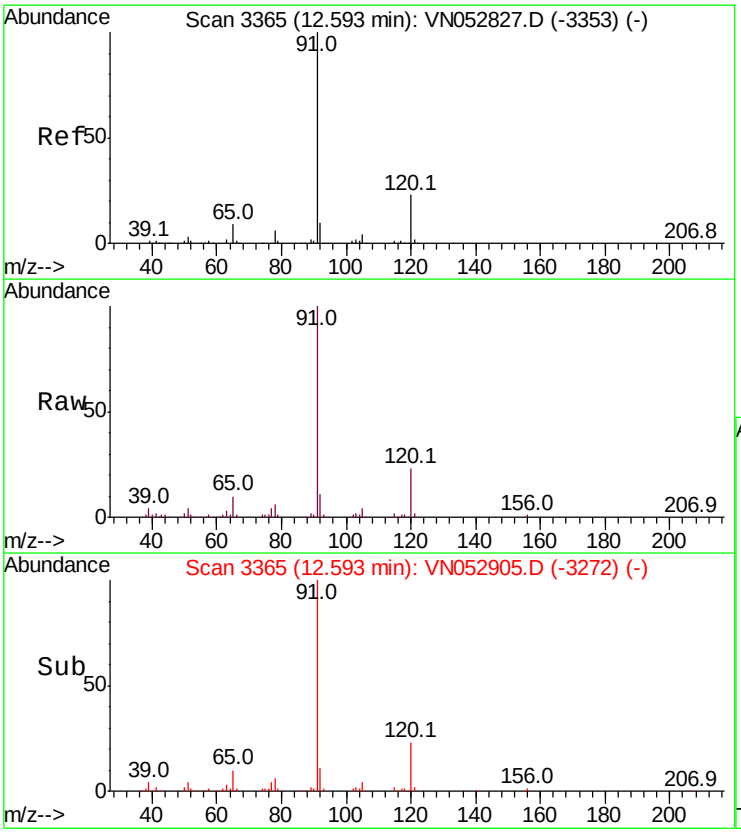
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument : MSVOA_N
ClientSampleId : TP-6-A

Tgt Ion:152 Resp: 774533

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.3	85.0
150	155.9	0.0	347.8

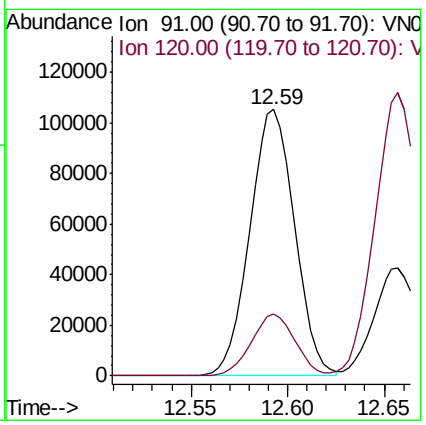


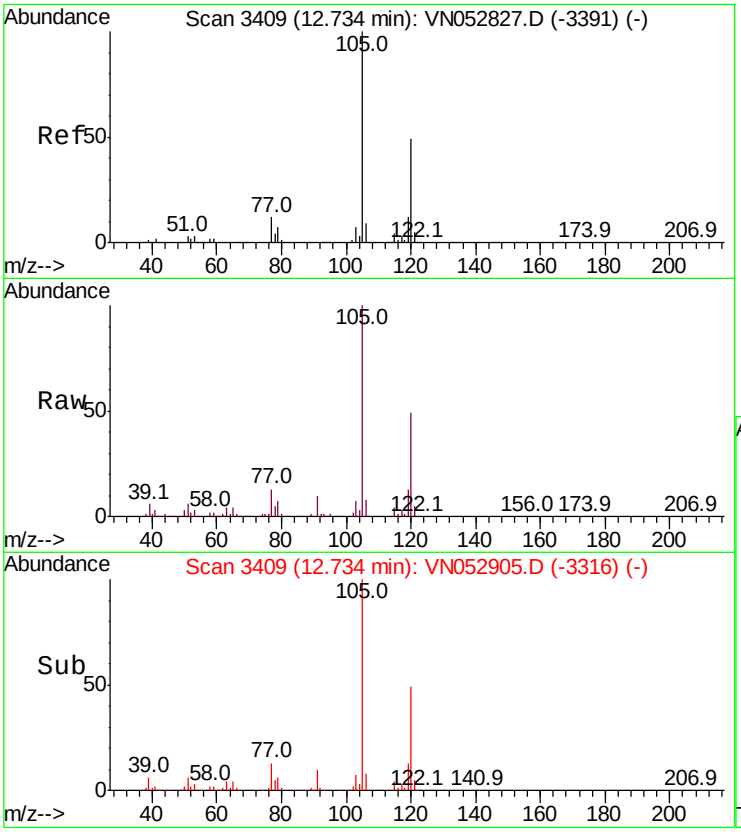


#78
n-propylbenzene
Concen: 2.570 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 169529

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5



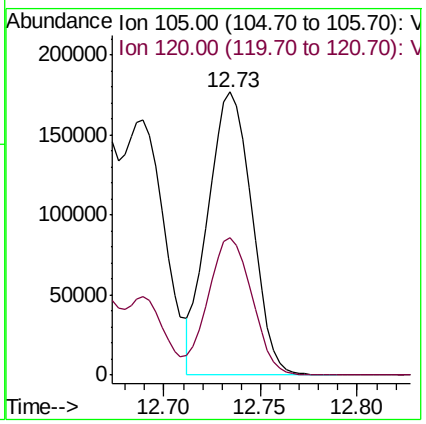


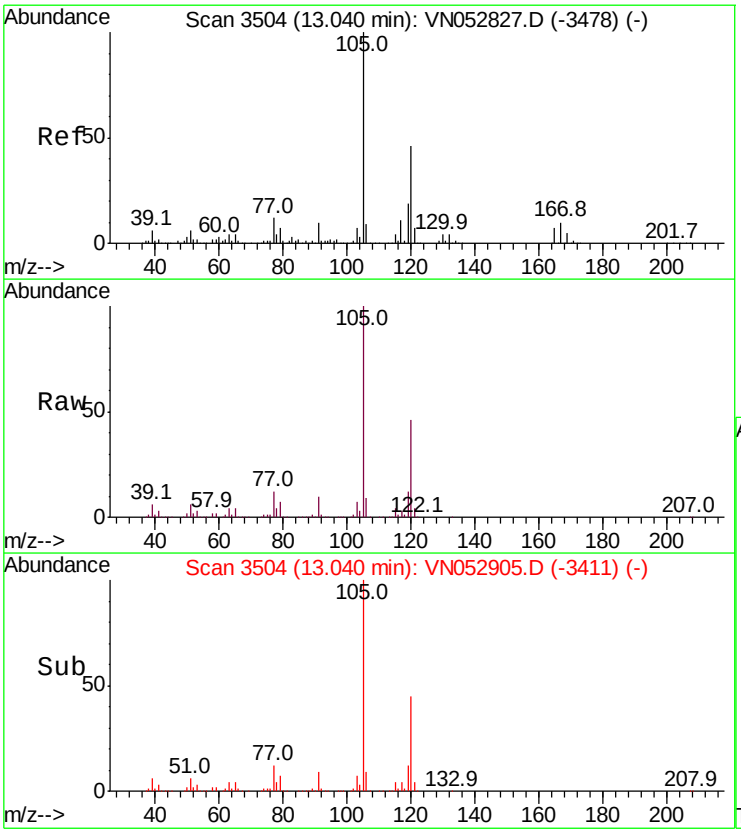
#80
1,3,5-Trimethylbenzene
Concen: 5.984 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

Tgt Ion:105 Resp: 279346

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.4	73.2

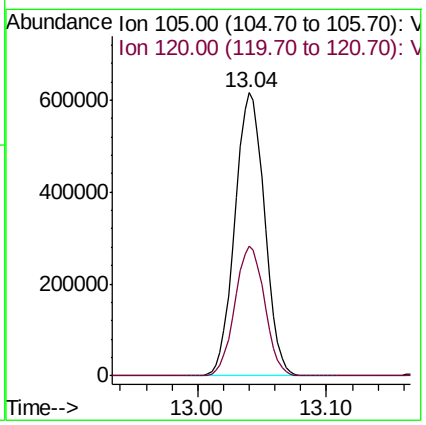


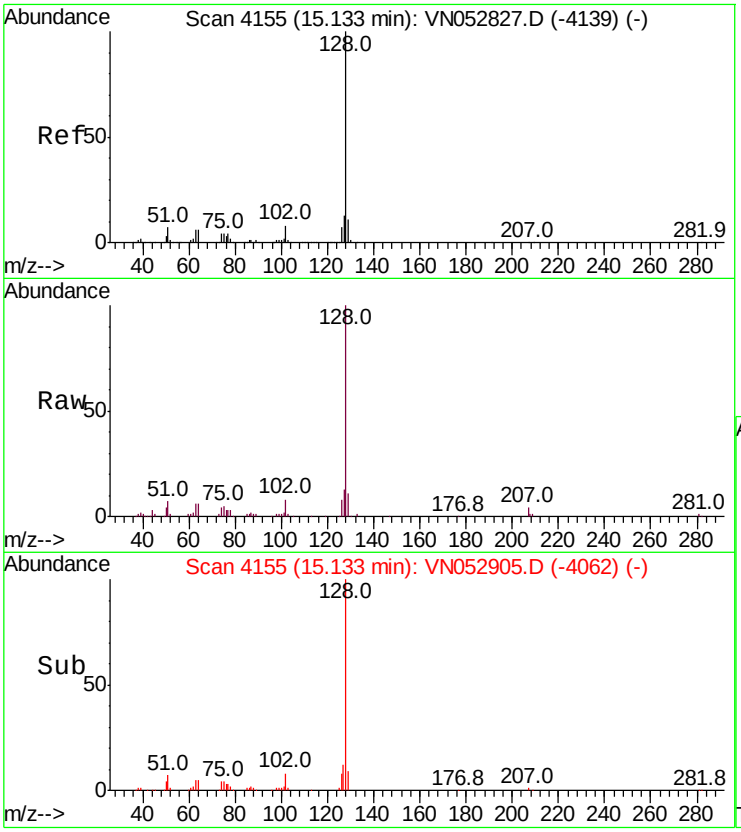


#84
1,2,4-Trimethylbenzene
Concen: 20.809 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:105 Resp: 983446

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





#95
Naphthalene
Concen: 4.497 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :
TP-6-A

Tgt Ion:128 Resp: 127288

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	13.0