Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073119\
Data File : VN057001.D
Acq On : 31 Jul 2019 10:01
Operator : JC/SP
Sample : K4066-17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-13

Quant Time: Aug 01 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	567496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	804469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	653184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	271931	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.62%			
35) Dibromofluoromethane	7.58	113	251121	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	10.08	98	937561	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.48%			
62) 4-Bromofluorobenzene	12.40	95	247262	38.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.34%			
Target Compounds						Qvalue
16) Acetone	3.81	43	32810	15.590	ug/l	98
25) 2-Butanone	6.82	43	66919	22.424	ug/l	99
29) Tetrahydrofuran	7.20	42	50754	26.067	ug/l	99
52) Toluene	10.15	92	30407	2.321	ug/l	99
68) m/p-Xylenes	11.61	106	5122	0.603	ug/l	89
69) o-Xylene	11.94	106	2987	0.360	ug/l	81
84) 1,2,4-Trimethylbenzene	13.04	105	7602	0.600	ug/l	98
95) Naphthalene	15.13	128	6639	4.370	ug/l	96

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

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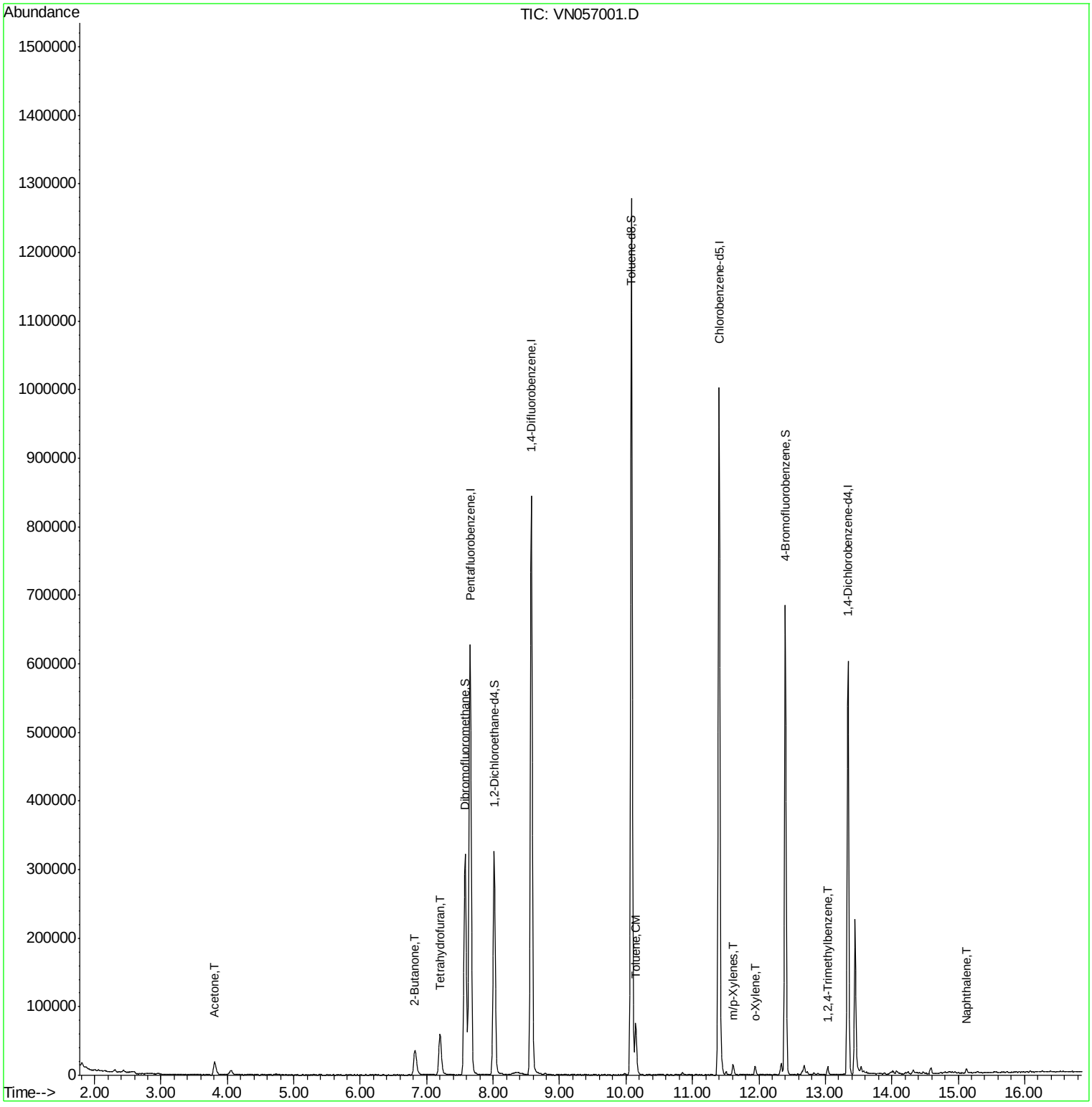
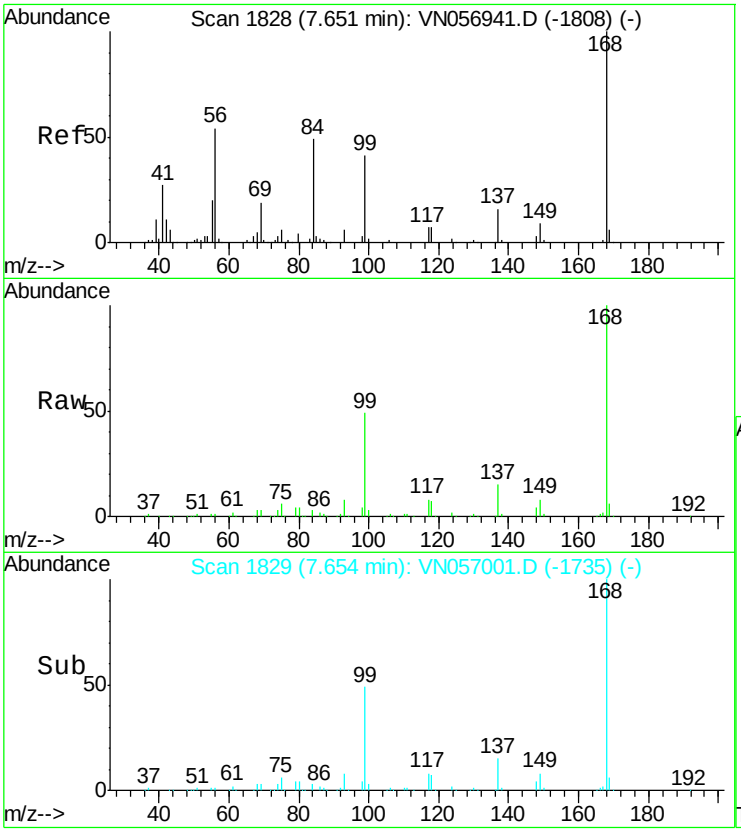


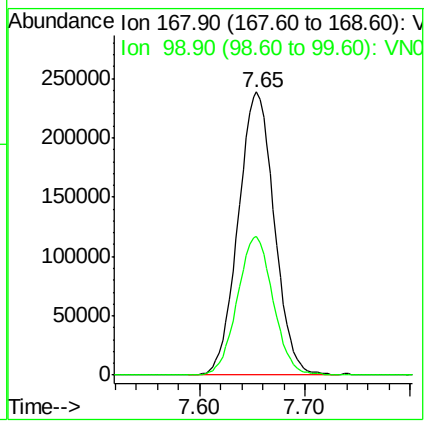


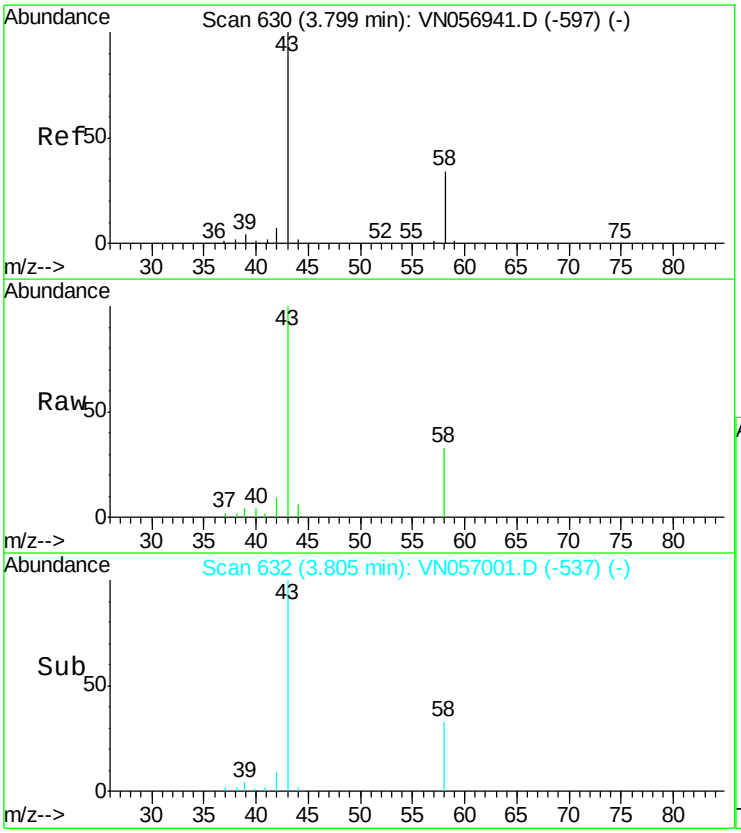
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:168 Resp: 567496

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.0	58.4

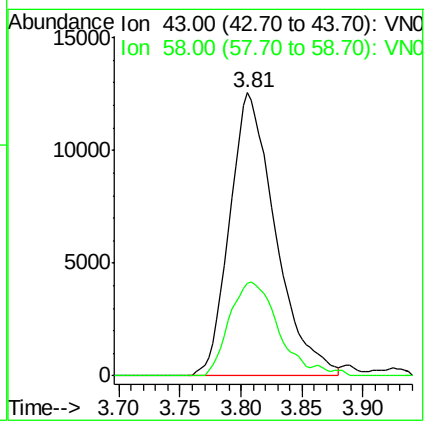


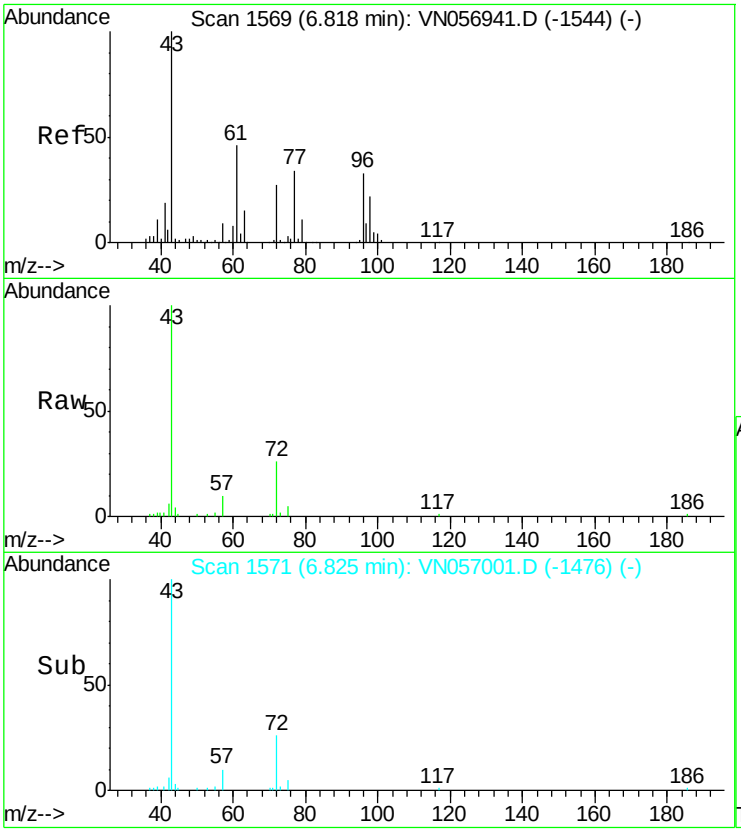


#16
Acetone
Concen: 15.590 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 43 Resp: 32810

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.2	40.8



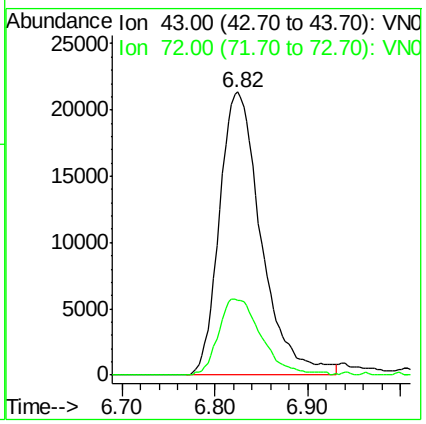


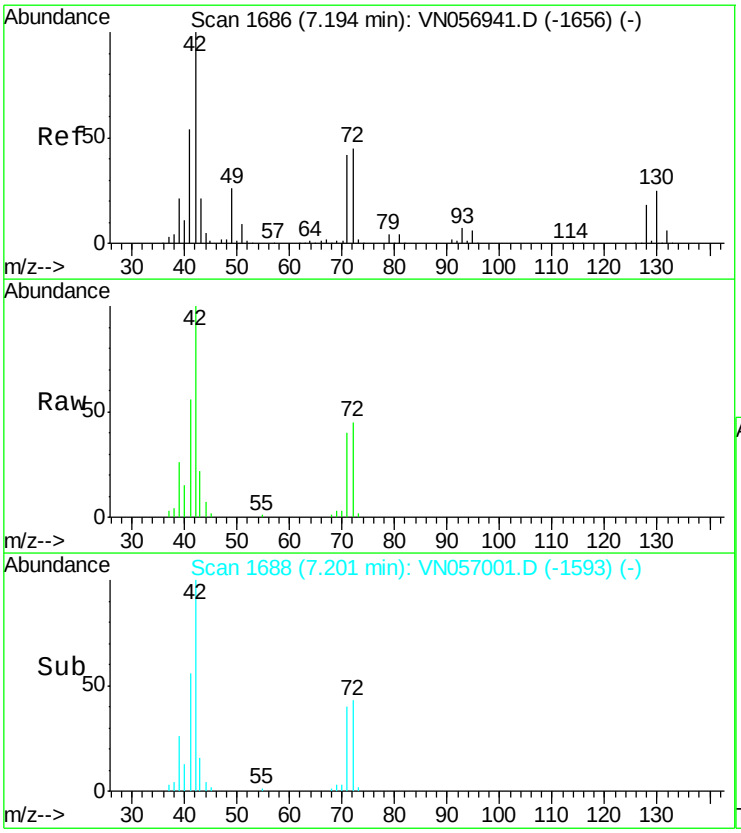
#25
2-Butanone
Concen: 22.424 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument : MSVOA_N
ClientSampleId : TP-13

Tgt Ion: 43 Resp: 66919

Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.5	32.3

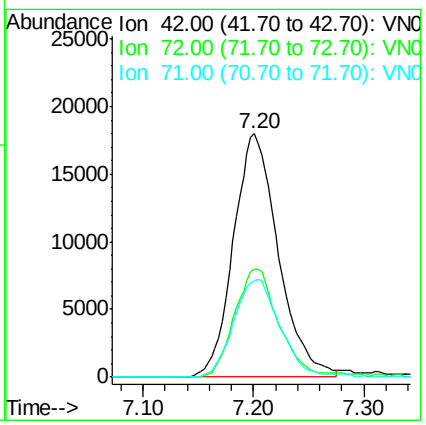


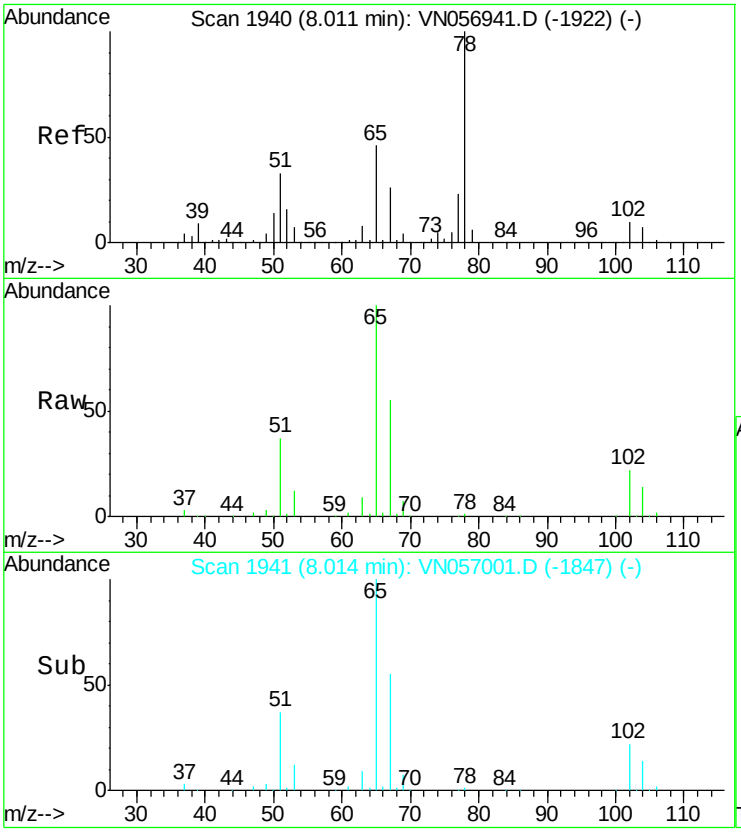


#29
Tetrahydrofuran
Concen: 26.067 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 42 Resp: 50754

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.6	53.4
71	40.8	33.5	50.3



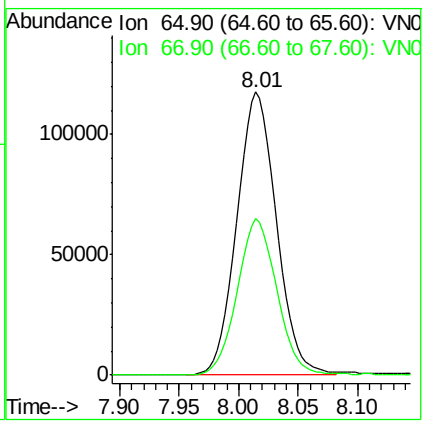


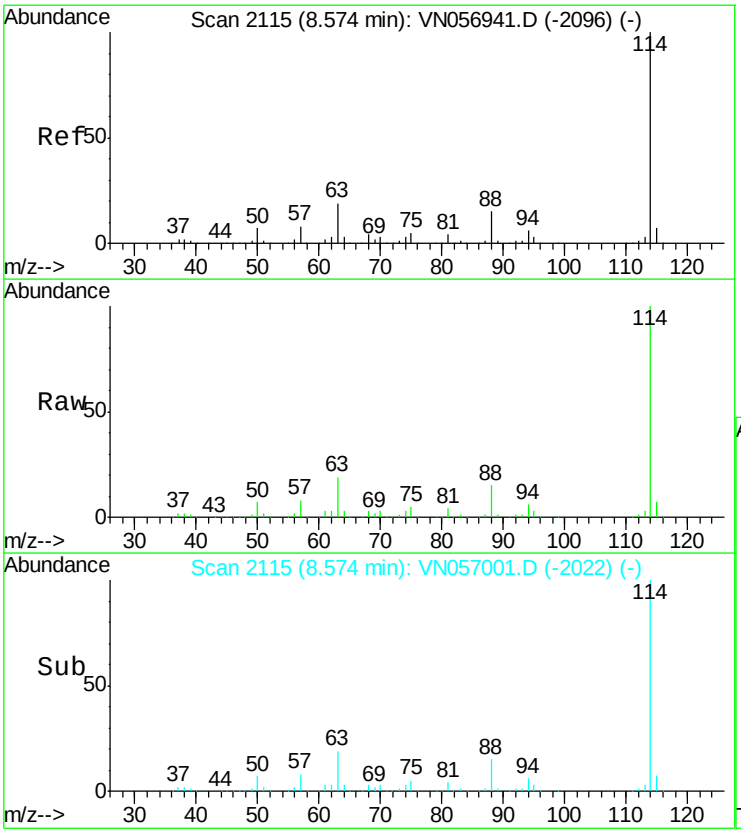
#33
1,2-Dichloroethane-d4
Concen: 46.811 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion: 65 Resp: 271931

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	112.0

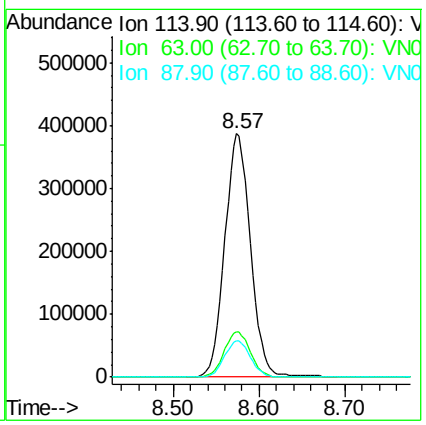


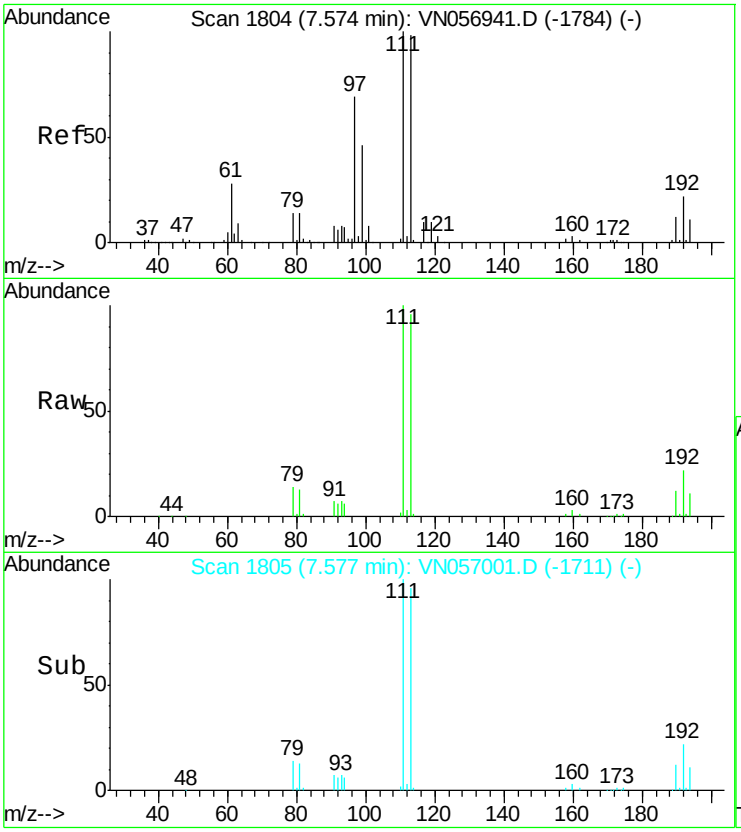


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:114 Resp: 804469

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.0
88	15.1	0.0	30.0



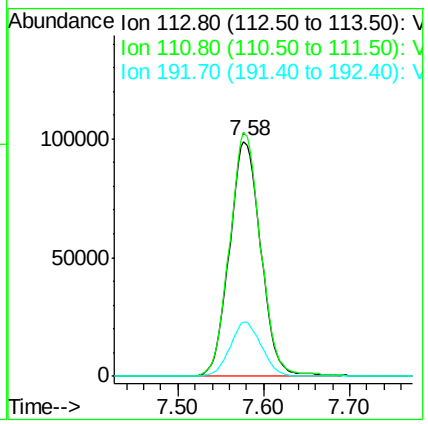


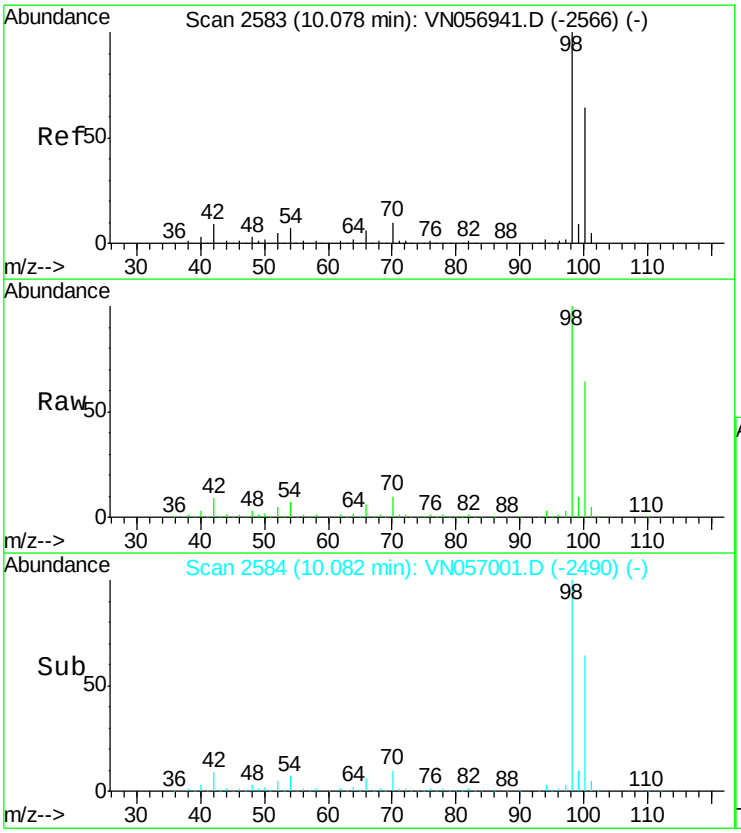
#35
Dibromofluoromethane
Concen: 48.762 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:113 Resp: 251121

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.1	18.4	27.6

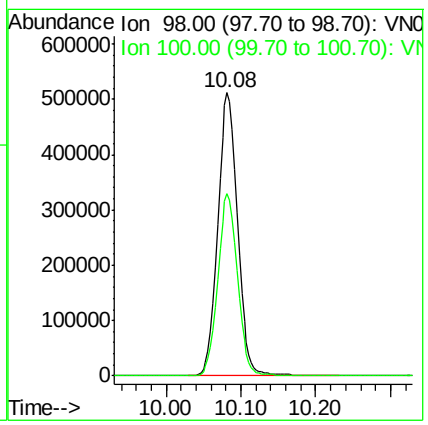


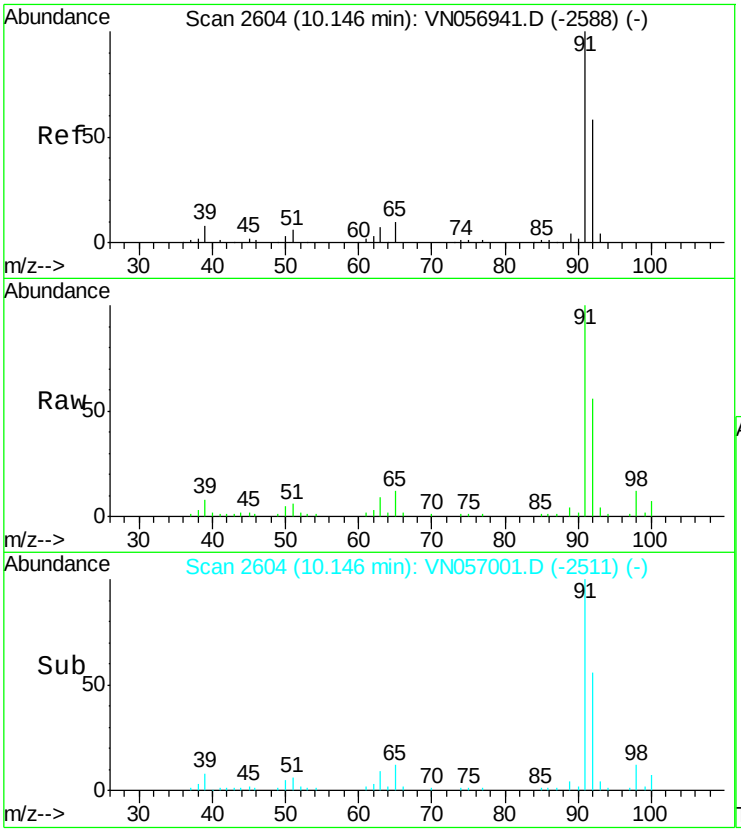


#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 98 Resp: 937561

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9



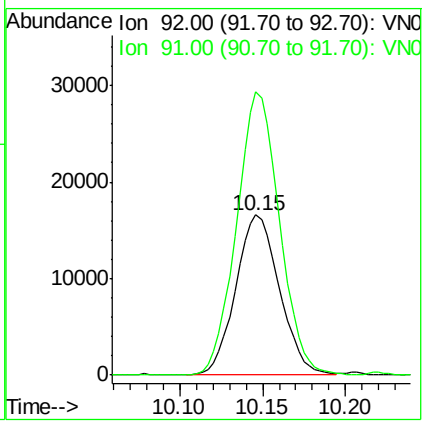


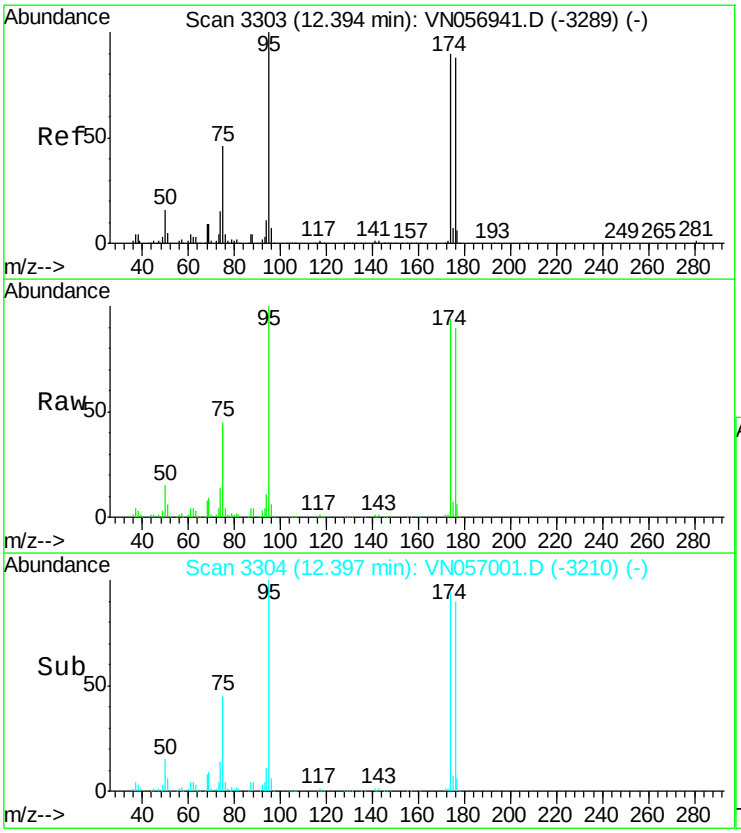
#52
Toluene
Concen: 2.321 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion: 92 Resp: 30407

Ion	Ratio	Lower	Upper
92	100		
91	173.5	138.0	207.0

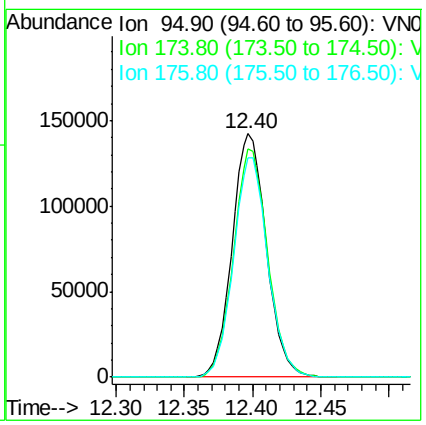


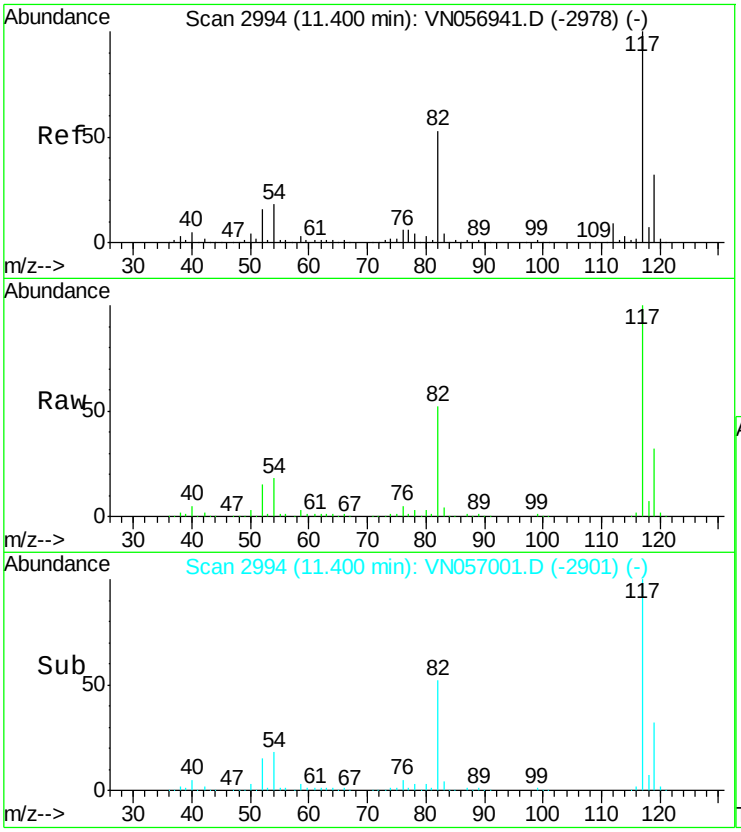


#62
4-Bromofluorobenzene
Concen: 38.674 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 95 Resp: 247262

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	182.2
176	90.3	0.0	179.4



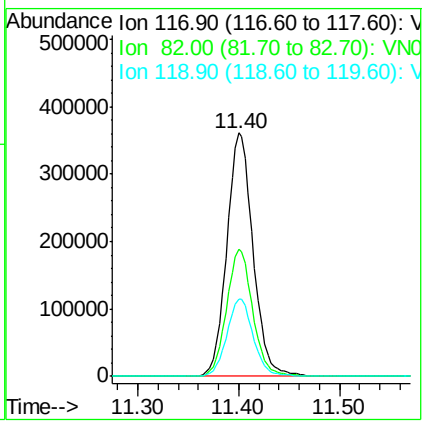


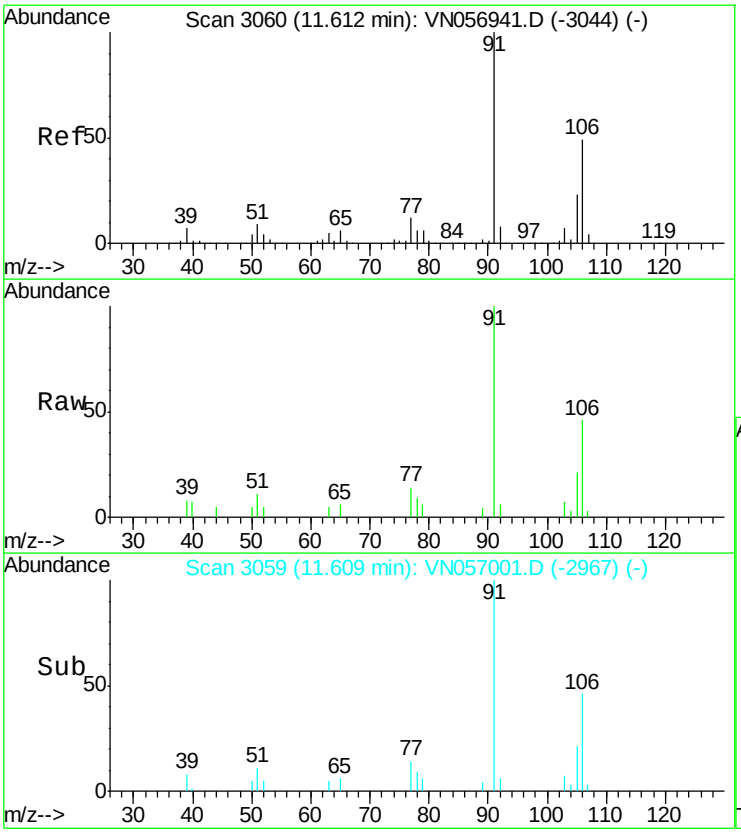
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument : MSVOA_N
ClientSampleId : TP-13

Tgt Ion:117 Resp: 653184

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.4
119	31.7	25.8	38.6

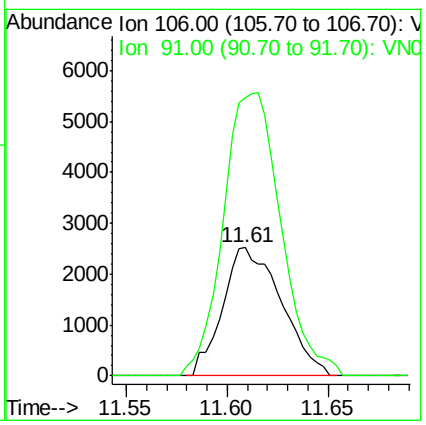


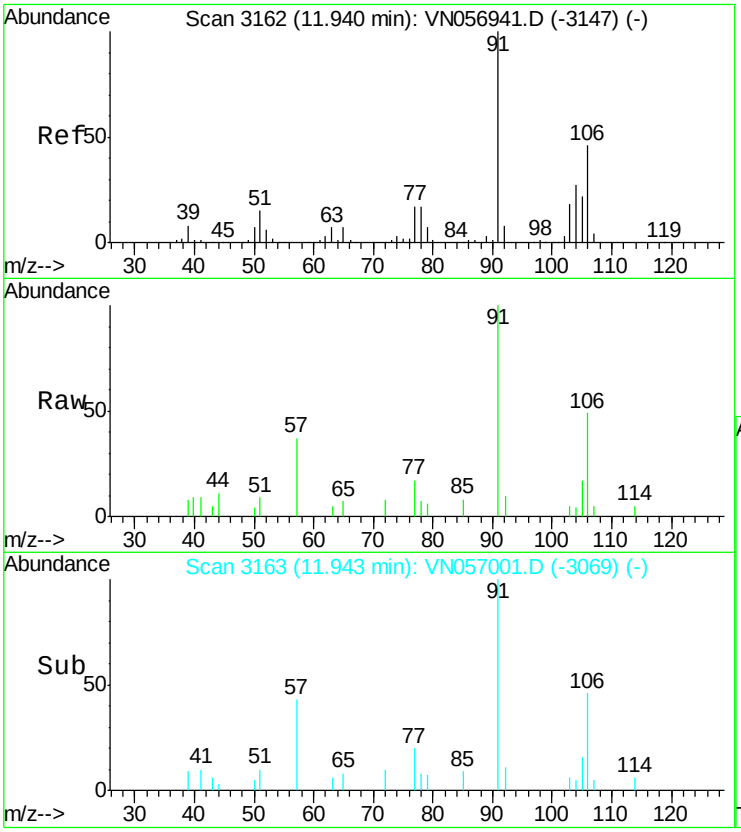


#68
m/p-Xylenes
Concen: 0.603 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:106 Resp: 5122

Ion	Ratio	Lower	Upper
106	100		
91	217.0	160.0	240.0



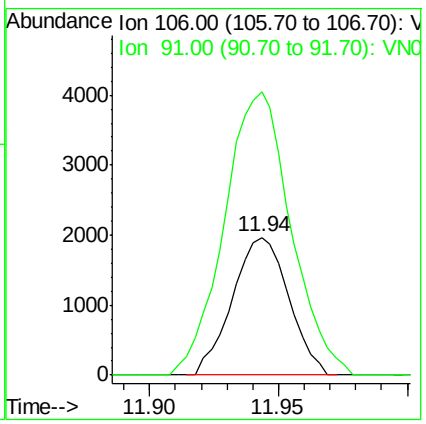


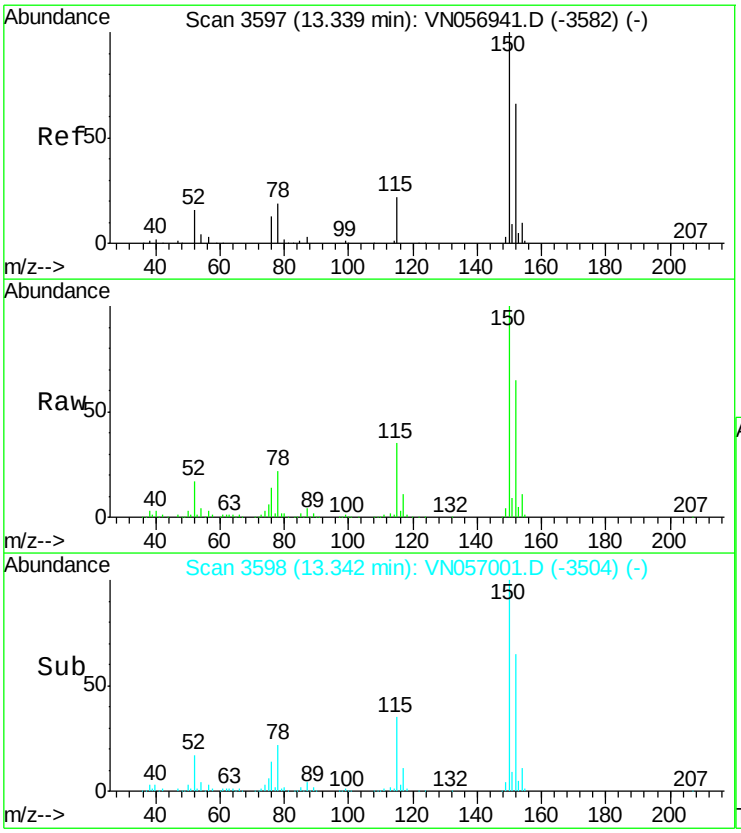
#69
o-Xylene
Concen: 0.360 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument : MSVOA_N
ClientSampleId : TP-13

Tgt Ion:106 Resp: 2987

Ion	Ratio	Lower	Upper
106	100		
91	242.5	106.2	318.6

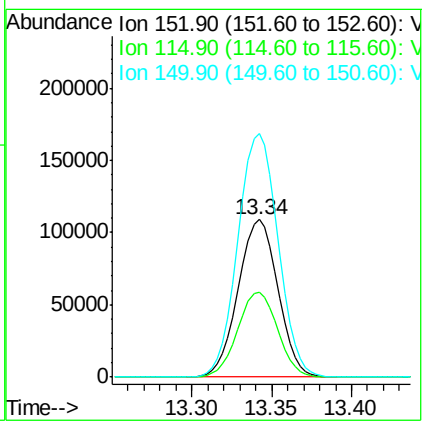


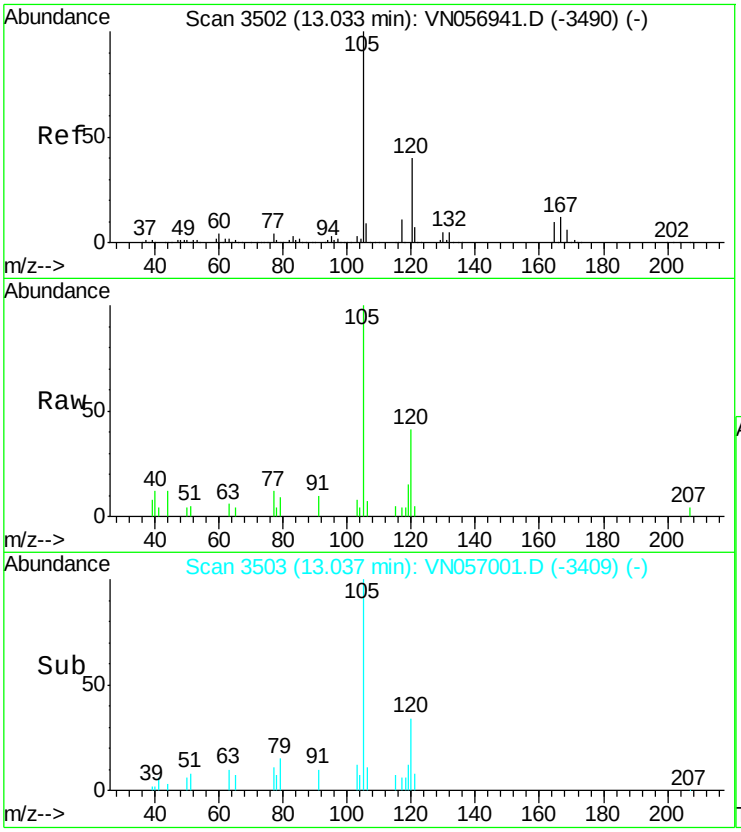


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:152 Resp: 185531

Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.6
150	155.7	0.0	349.4



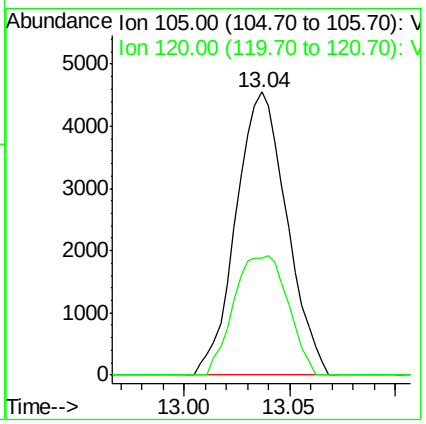


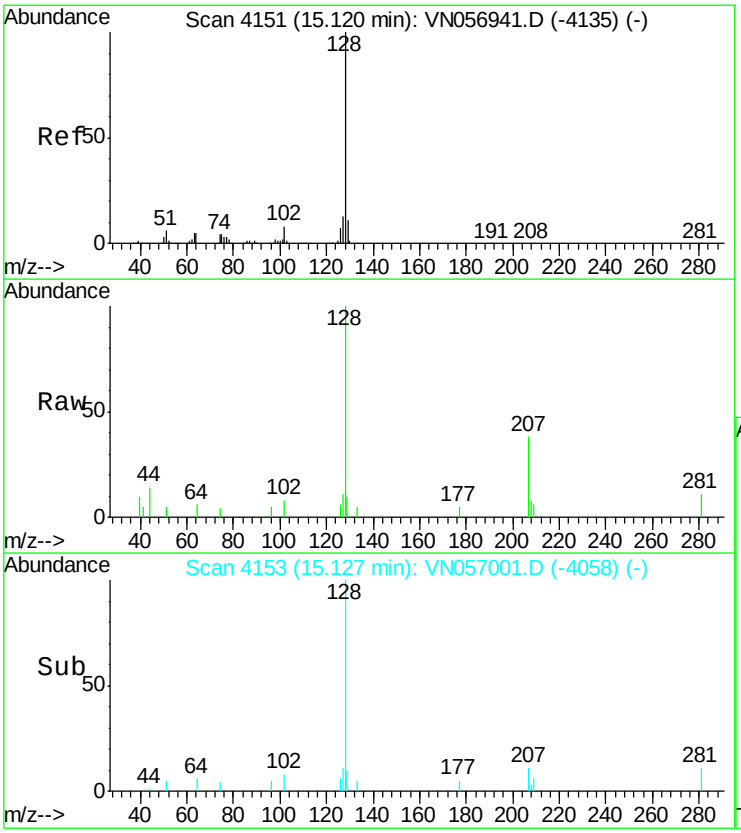
#84
1,2,4-Trimethylbenzene
Concen: 0.600 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleId :
TP-13

Tgt Ion:105 Resp: 7602

Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6





#95
Naphthalene
Concen: 4.370 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:128 Resp: 6639

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.0	15.0
129	9.0	8.7	13.1