Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030520\
Data File : VN060362.D
Acq On : 5 Mar 2020 13:22
Operator : JC/MD
Sample : L1777-03
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40681-40683

Quant Time: Mar 06 01:07:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	164216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	262397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	117125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101237	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
35) Dibromofluoromethane	7.56	113	61752	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
50) Toluene-d8	10.08	98	323596	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
62) 4-Bromofluorobenzene	12.40	95	117071	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.20%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	2886	1.101	ug/l	96
39) Methylcyclohexane	9.06	83	51153	17.349	ug/l	98
52) Toluene	10.14	92	4055502	886.993	ug/l	76
68) m/p-Xylenes	11.61	106	6709	1.975	ug/l	91
69) o-Xylene	11.94	106	3263	1.007	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	13286	1.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	29378	3.982	ug/l	98

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

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Instrument :
MSVOA_N
ClientSampleId :
40681-40683

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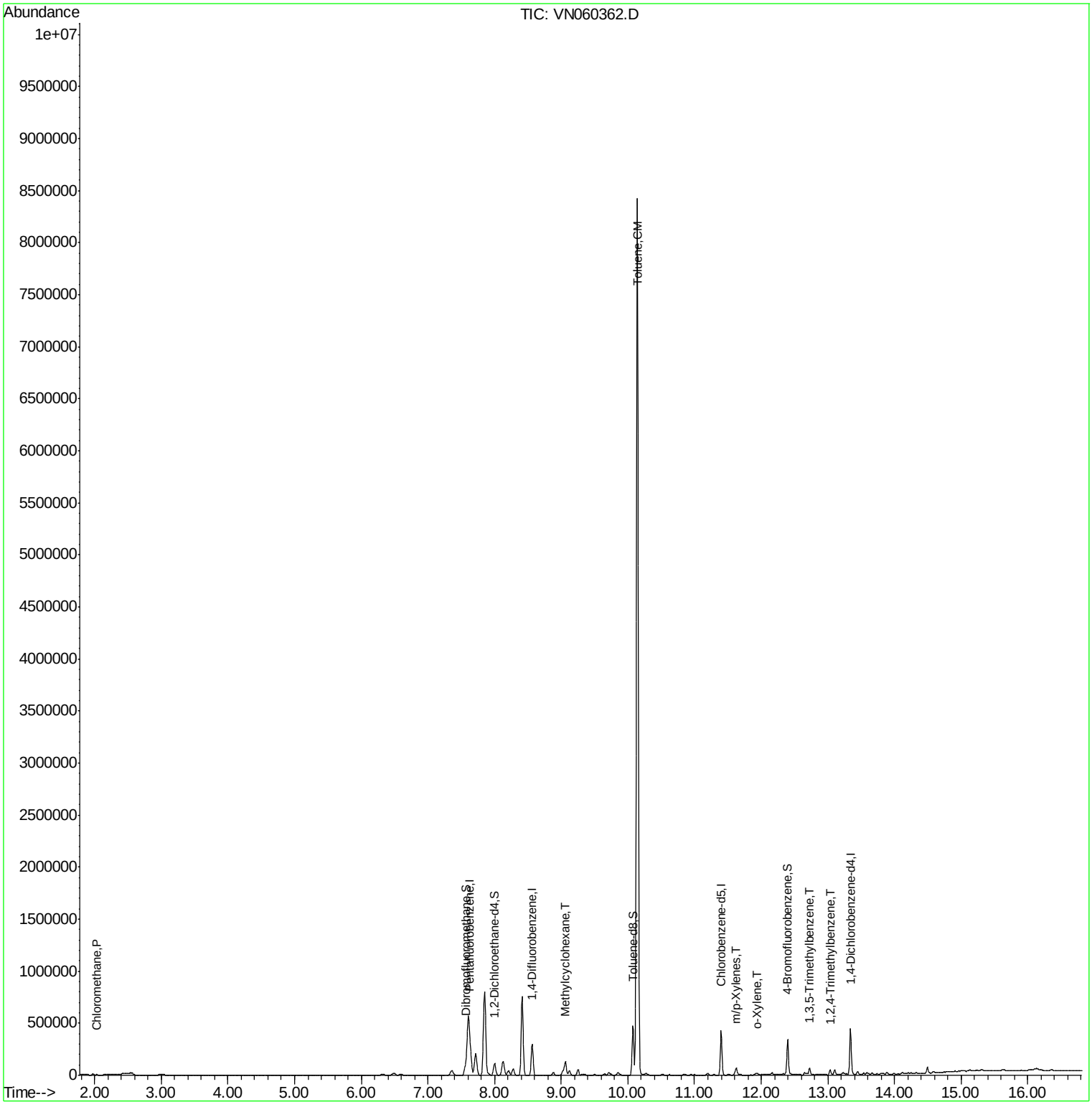
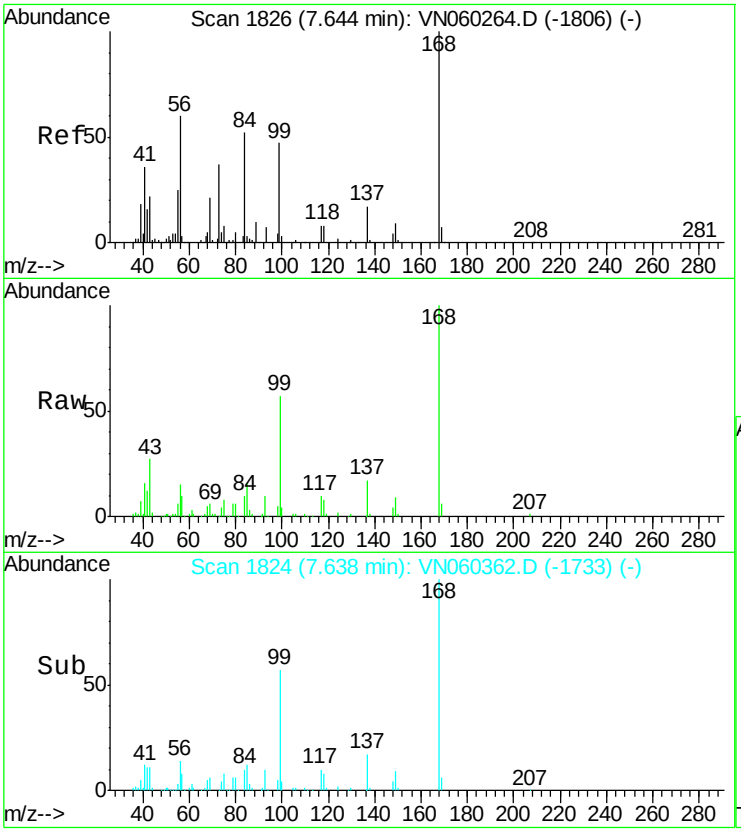
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

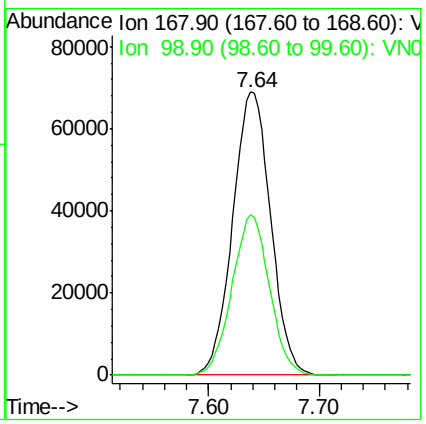




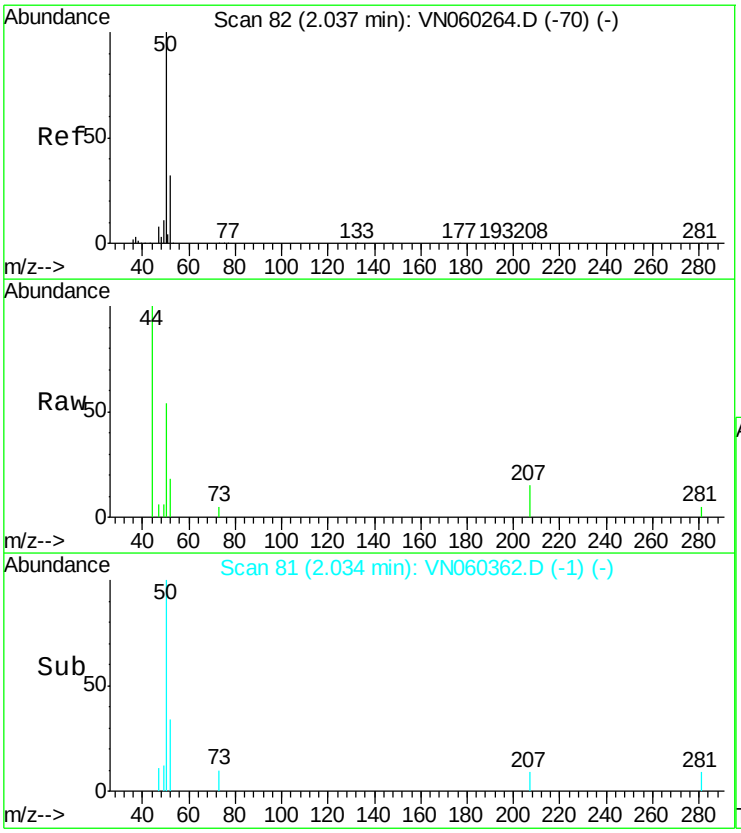
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:168 Resp: 164216

Ion	Ratio	Lower	Upper
168	100		
99	56.9	44.7	67.1



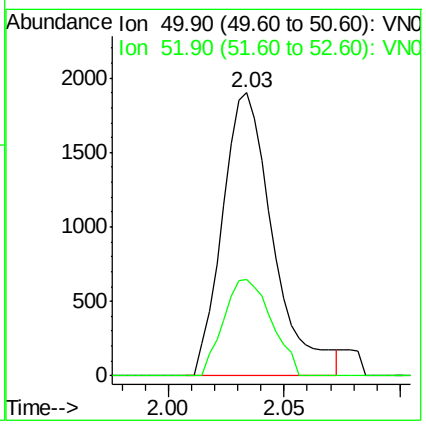
Instrument :
MSVOA_N
ClientSampleId :
40681-40683

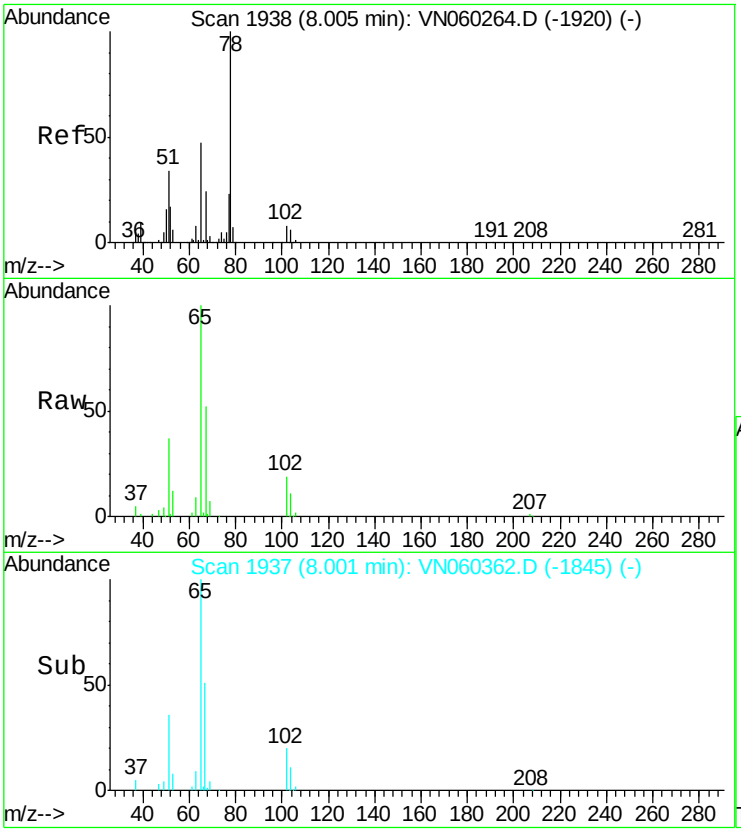


#3
Chloromethane
Concen: 1.101 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion: 50 Resp: 2886

Ion	Ratio	Lower	Upper
50	100		
52	34.0	25.6	38.4



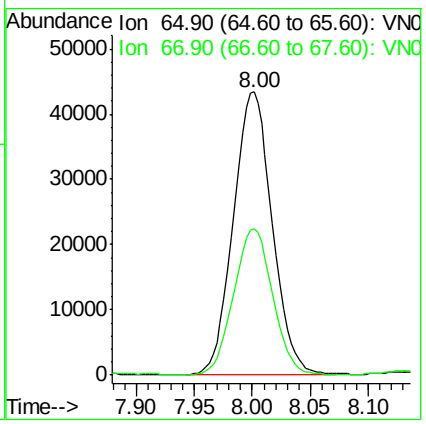


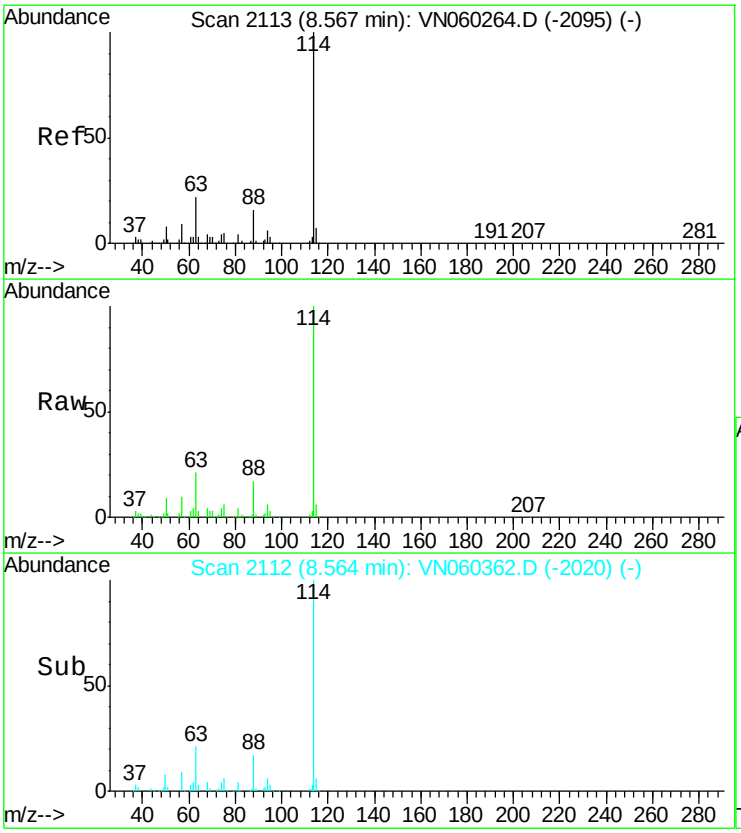
#33
1,2-Dichloroethane-d4
Concen: 48.050 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion: 65 Resp: 101237

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

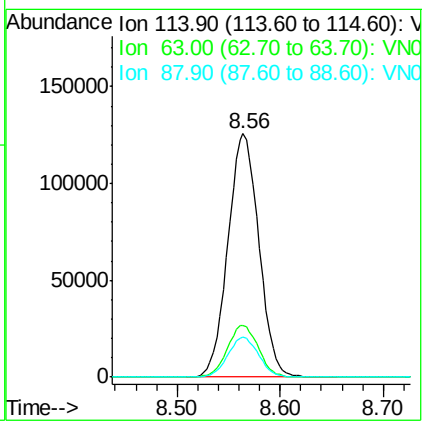


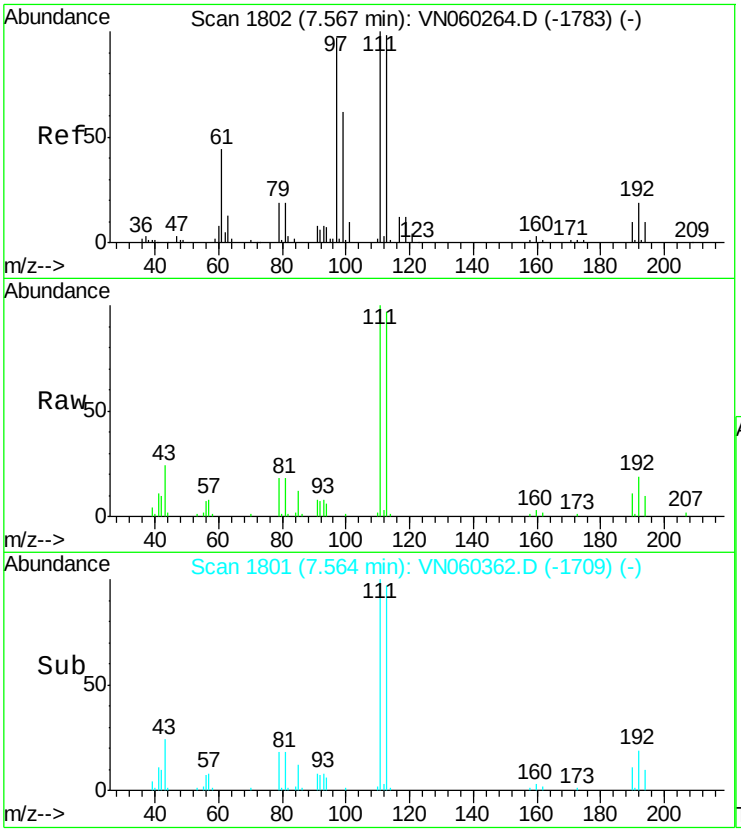


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:114 Resp: 262397

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	16.5	0.0	31.6



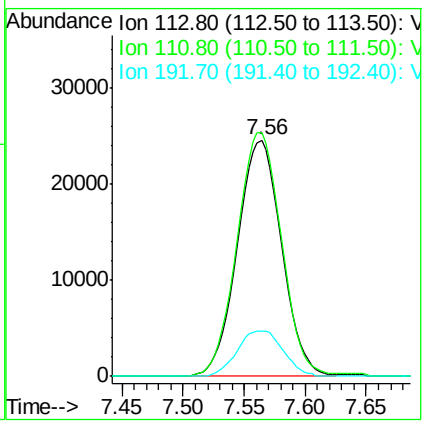


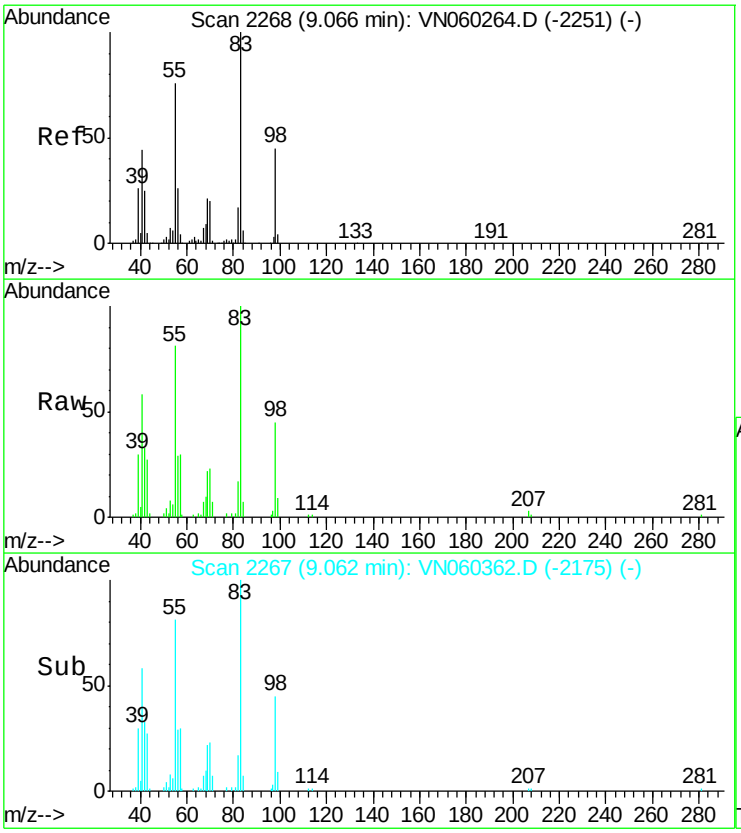
#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion:113 Resp: 61752

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	20.0	16.2	24.2

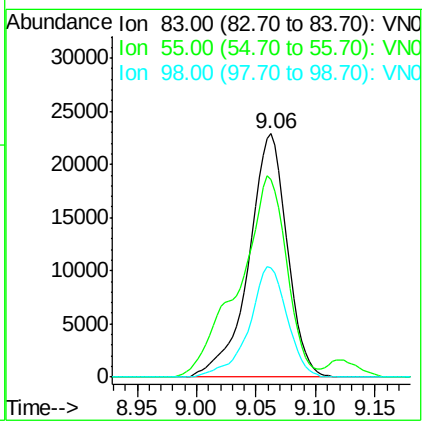


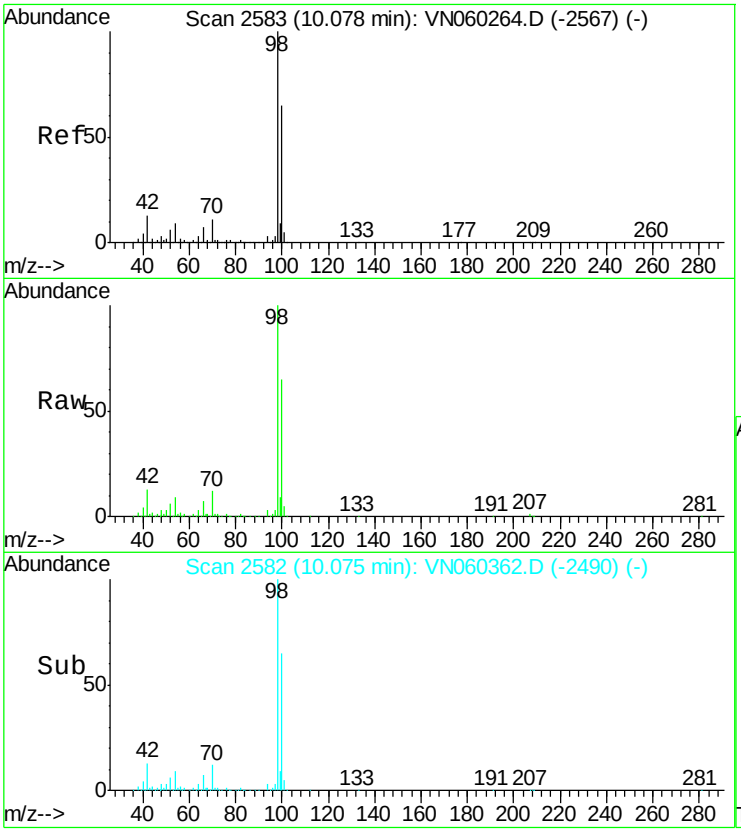


#39
Methylcyclohexane
Concen: 17.349 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion: 83 Resp: 51153

Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.0	91.4
98	45.1	36.1	54.1



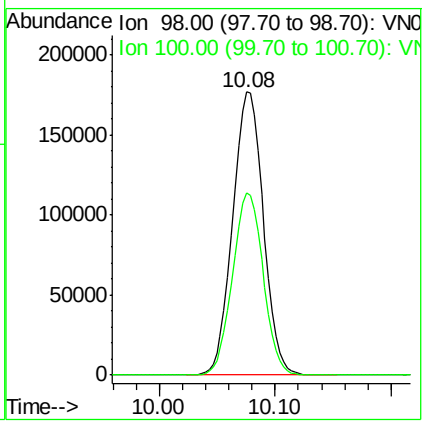


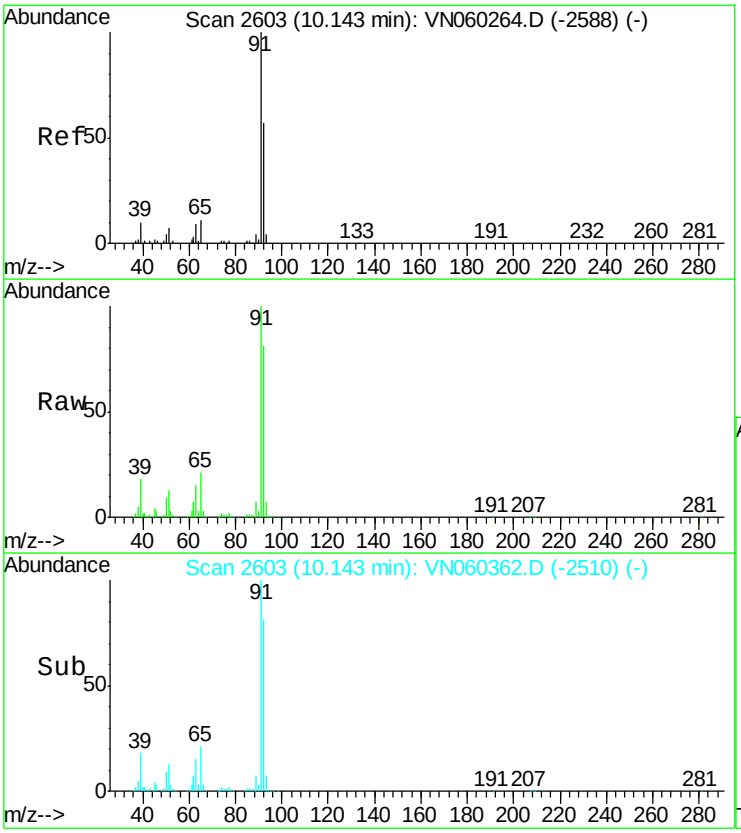
#50
Toluene-d8
Concen: 52.495 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion: 98 Resp: 323596

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

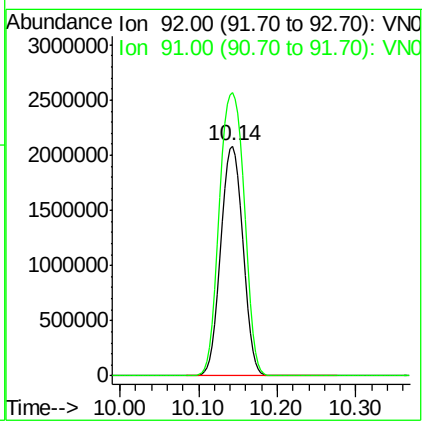


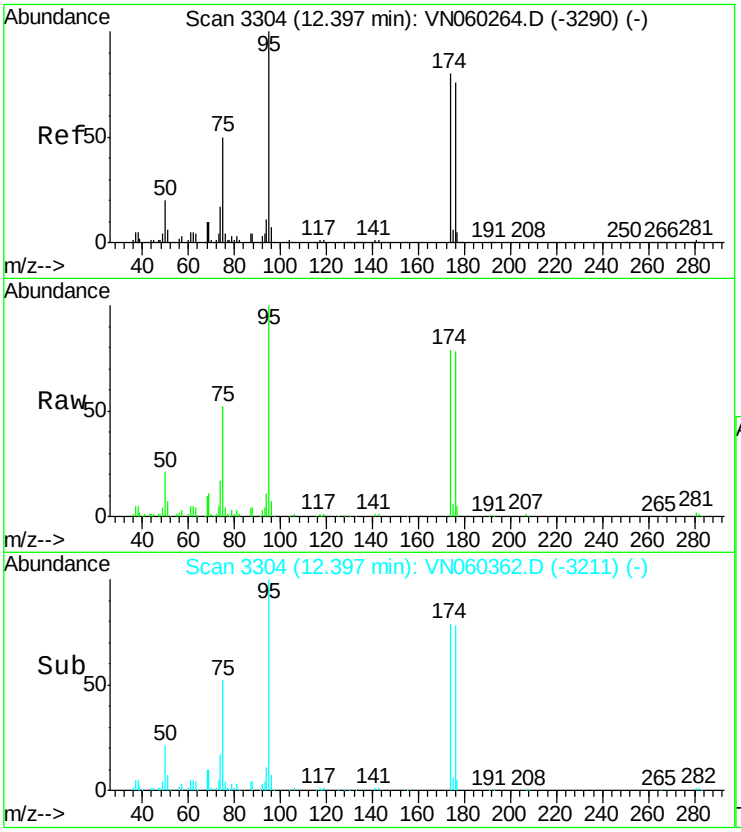


#52
Toluene
Concen: 886.993 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion: 92 Resp: 4055502

Ion	Ratio	Lower	Upper
92	100		
91	139.1	138.1	207.1



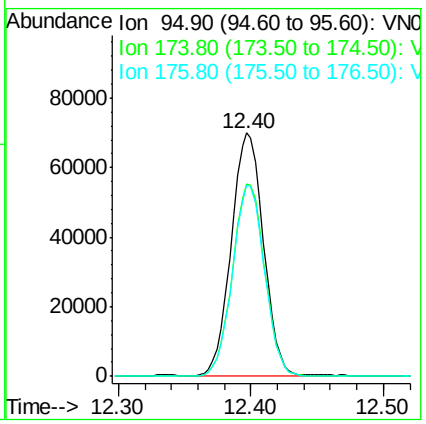


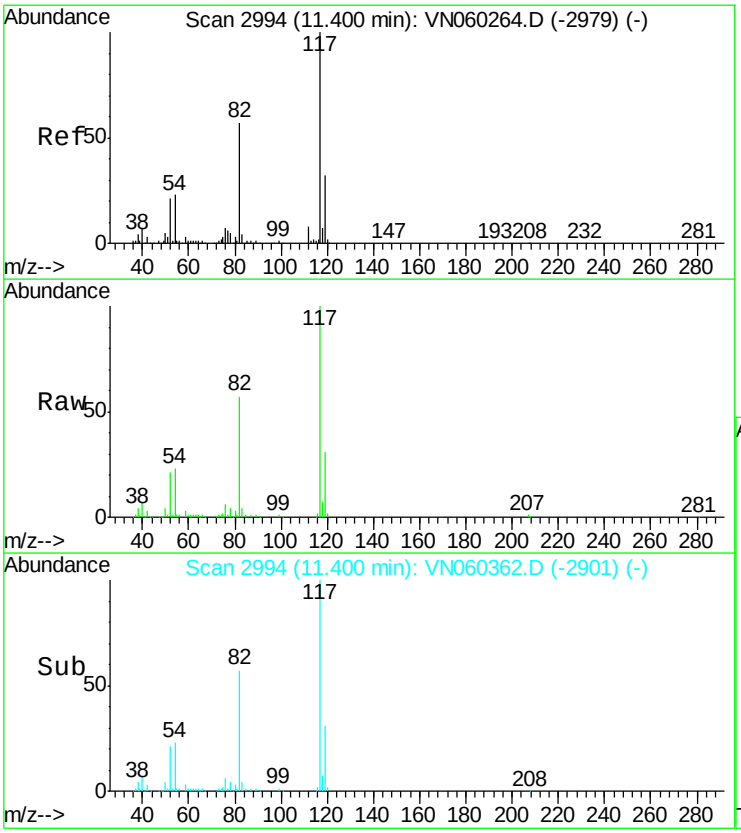
#62
4-Bromofluorobenzene
Concen: 50.101 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion: 95 Resp: 117071

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	159.2
176	78.5	0.0	153.8

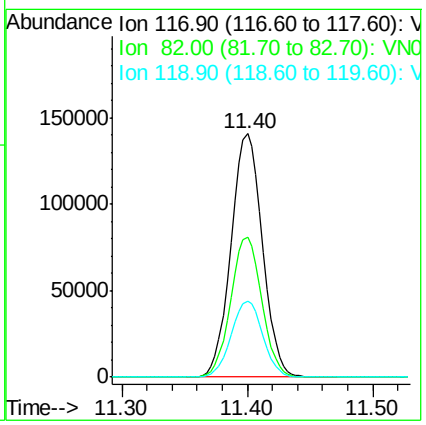


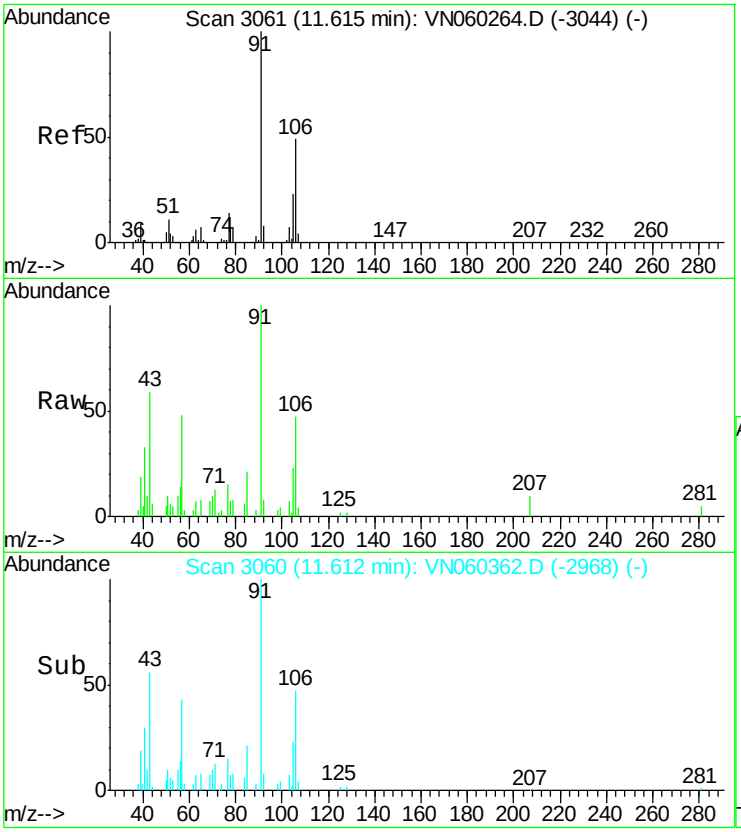


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:117 Resp: 244841

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.6
119	31.3	25.8	38.8



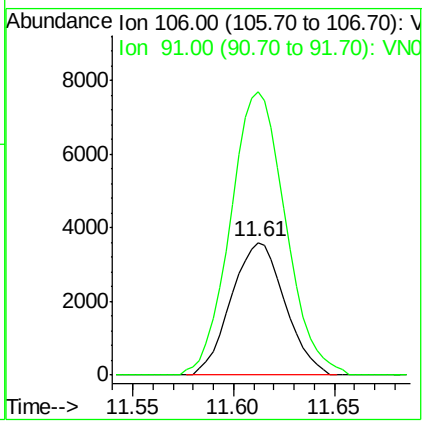


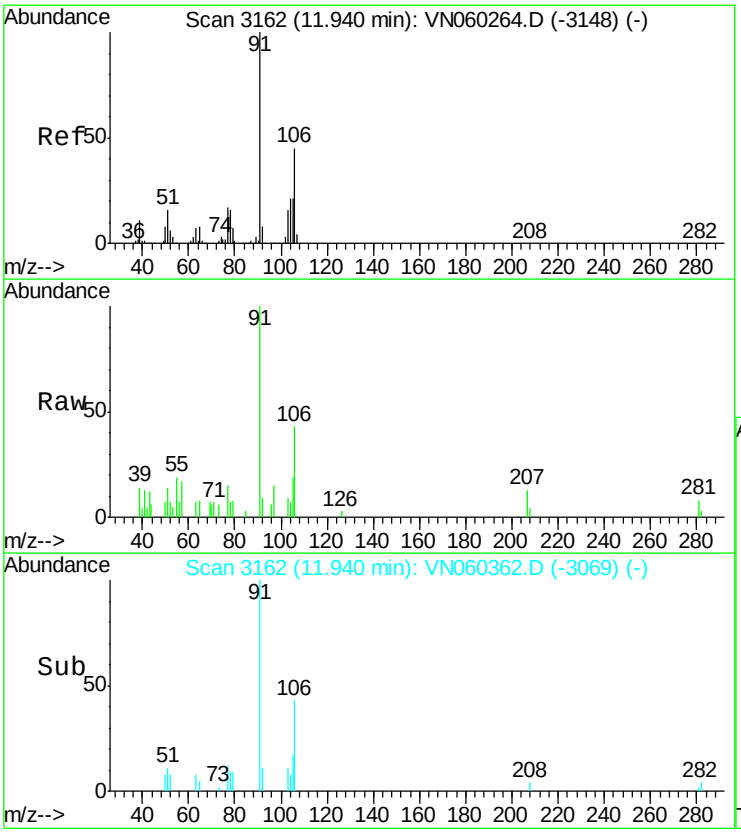
#68
m/p-Xylenes
Concen: 1.975 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion:106 Resp: 6709

Ion	Ratio	Lower	Upper
106	100		
91	219.6	164.5	246.7

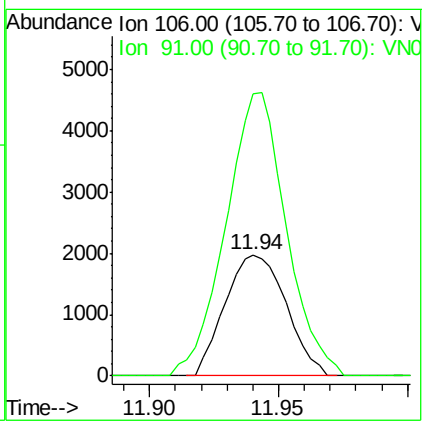


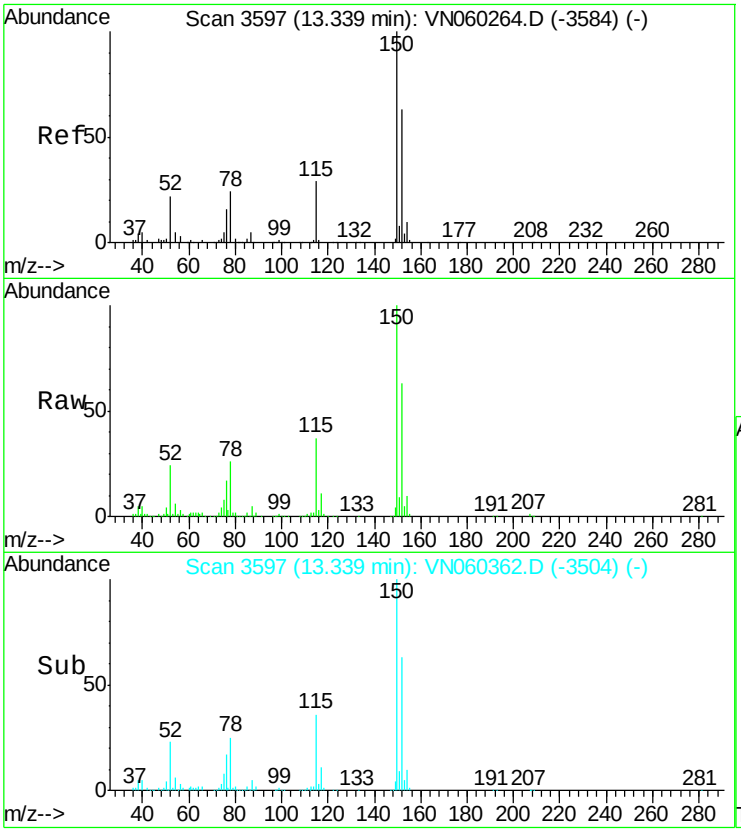


#69
o-Xylene
Concen: 1.007 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:106 Resp: 3263

Ion	Ratio	Lower	Upper
106	100		
91	231.2	109.5	328.4



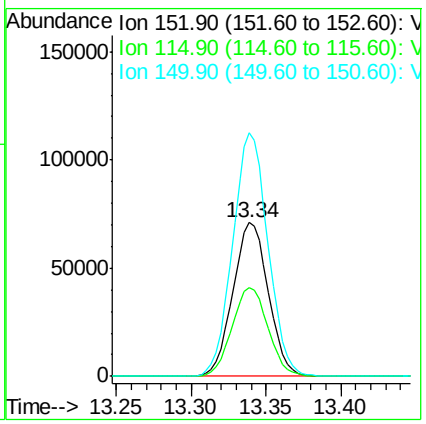


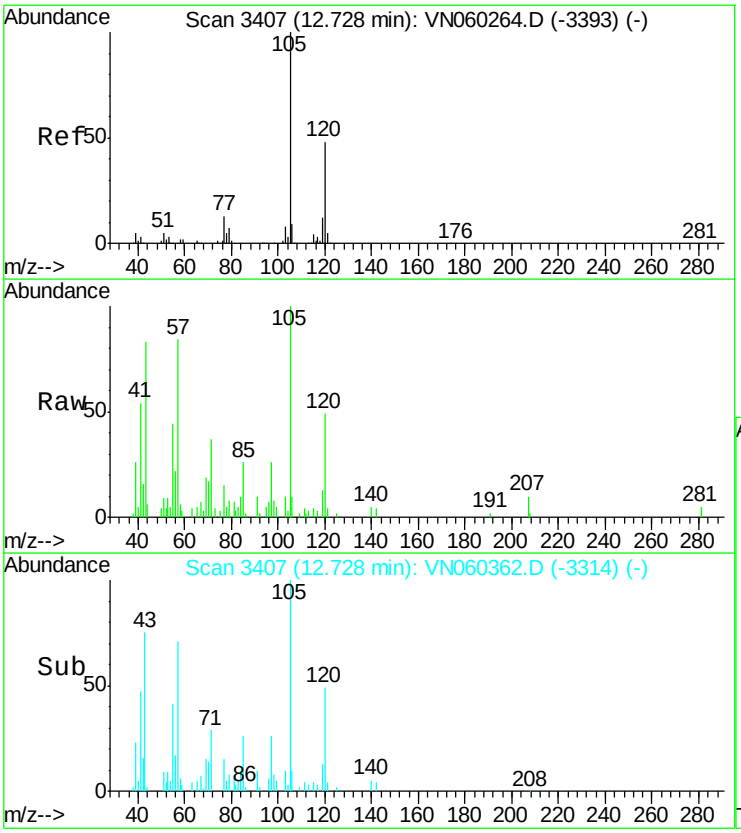
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
40681-40683

Tgt Ion:152 Resp: 117125

Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	157.6	0.0	349.6

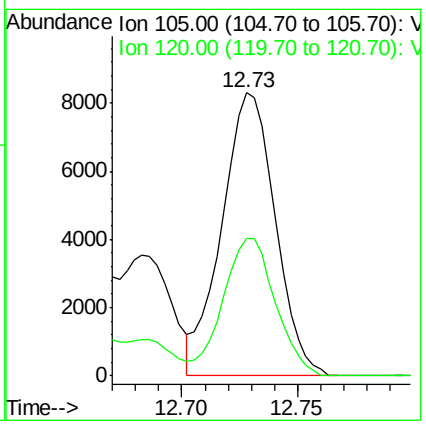


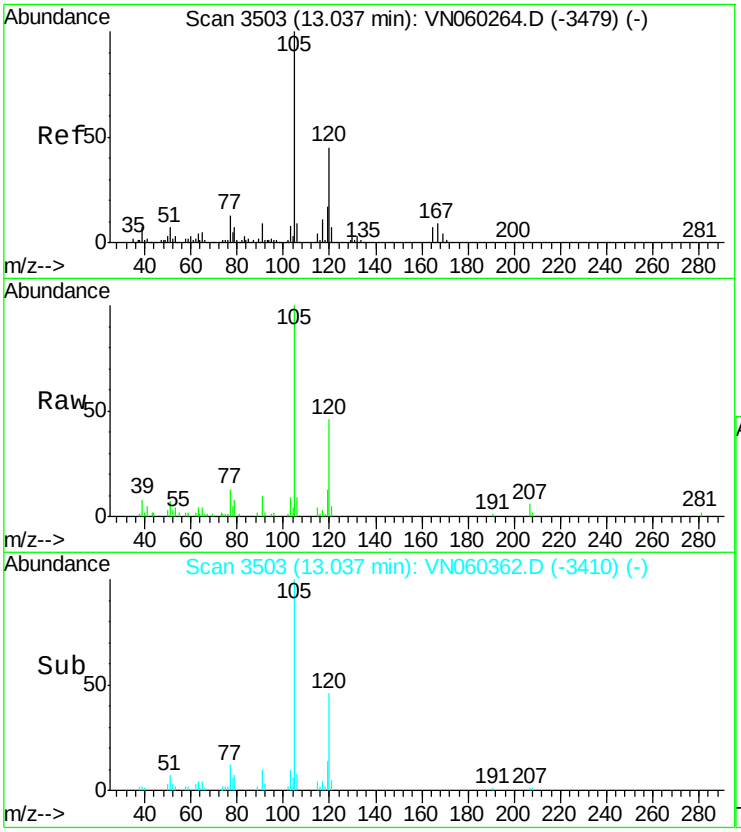


#80
1,3,5-Trimethylbenzene
Concen: 1.818 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:105 Resp: 13286

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.1	72.4





#84
1,2,4-Trimethylbenzene
Concen: 3.982 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060362.D
Acq: 5 Mar 2020 13:22

Tgt Ion:105 Resp: 29378

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9

Instrument :
MSVOA_N
ClientSampleId :
40681-40683