Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055628.D
Acq On : 17 May 2019 22:16
Operator : JC/SP
Sample : K2823-06ME
Misc : 5.95g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 12-B2ME

Quant Time: May 18 04:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	356623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	508707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	168192	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.04%			
35) Dibromofluoromethane	7.59	113	151853	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.98%			
50) Toluene-d8	10.09	98	602627	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
62) 4-Bromofluorobenzene	12.40	95	213117	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
Target Compounds						Qvalue
31) Cyclohexane	7.63	56	153924	26.548	ug/l #	52
39) Methylcyclohexane	9.08	83	224340	41.032	ug/l	90
73) Isopropylbenzene	12.25	105	61443	1.653	ug/l	100
78) n-propylbenzene	12.59	91	429408	21.993	ug/l	100
85) sec-Butylbenzene	13.17	105	159118	9.075	ug/l #	49
89) n-Butylbenzene	13.62	91	427560	35.439	ug/l #	85

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

Quantitation Report (QT Reviewed)

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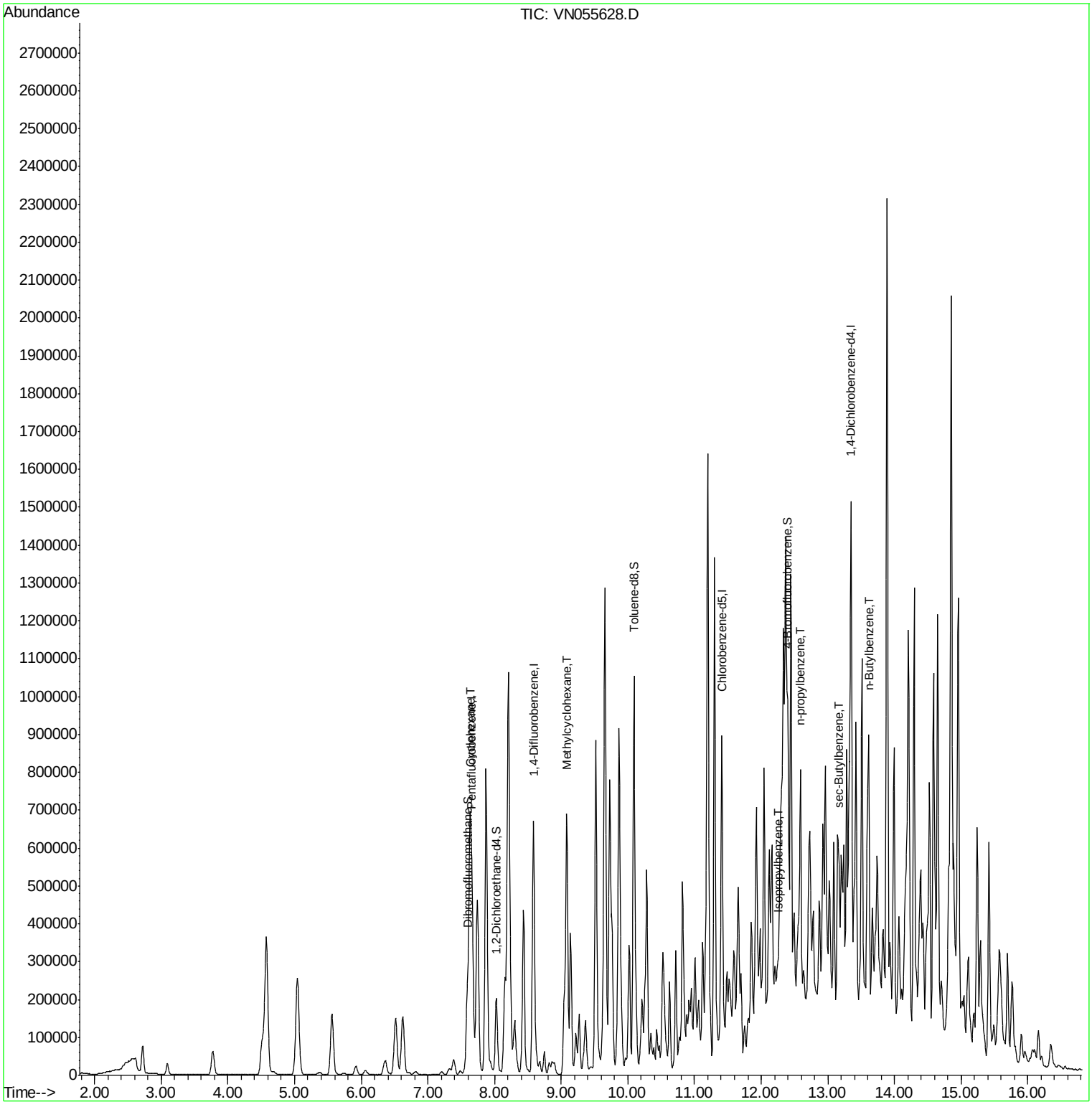
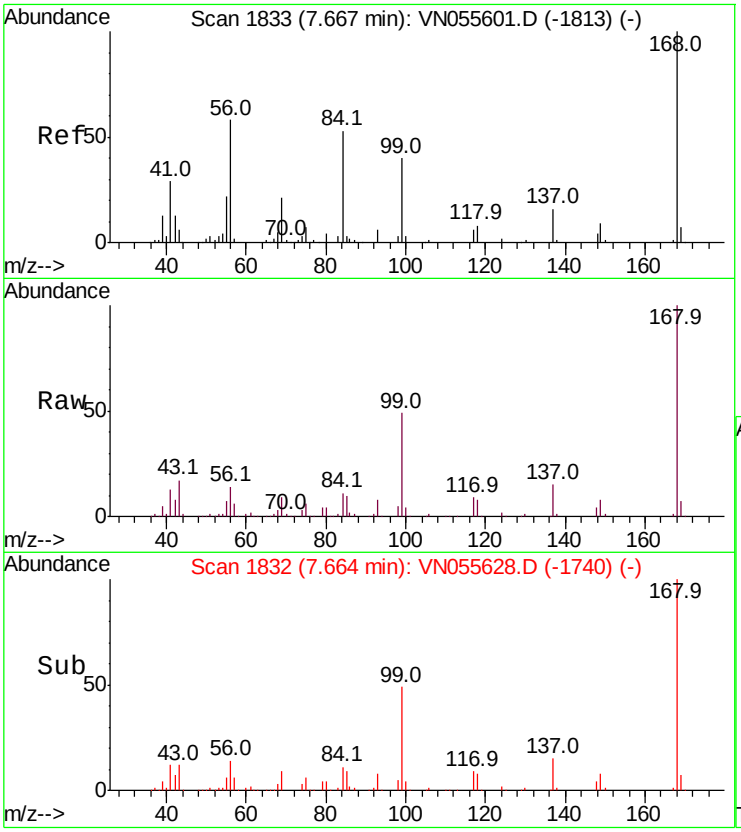


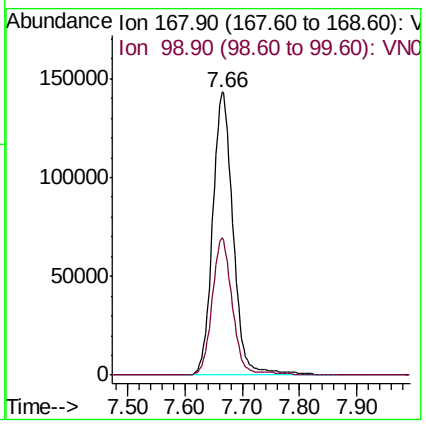


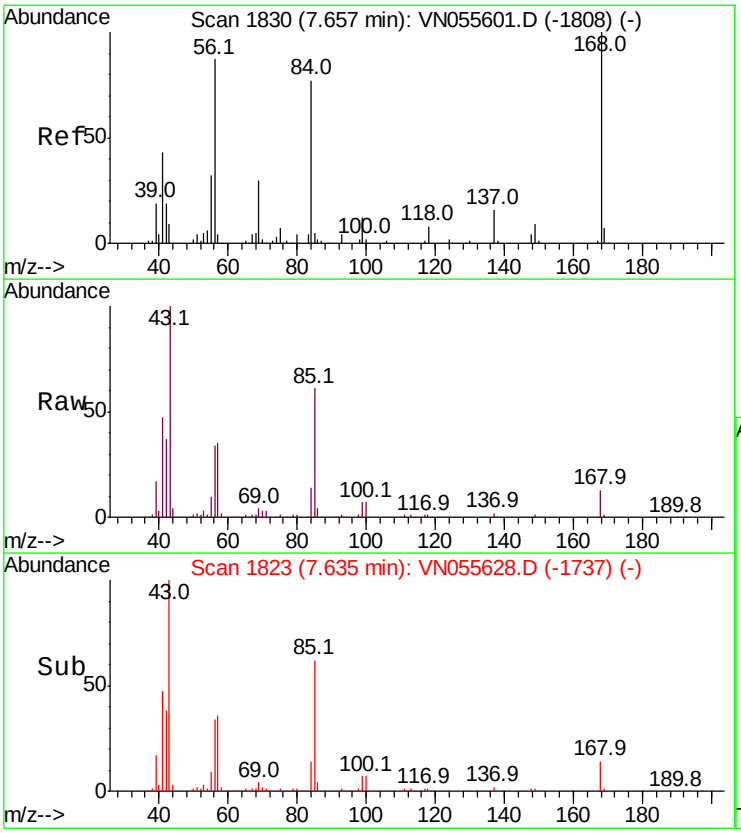
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tgt Ion:168 Resp: 356623

Ion	Ratio	Lower	Upper
168	100		
99	48.6	40.2	60.2

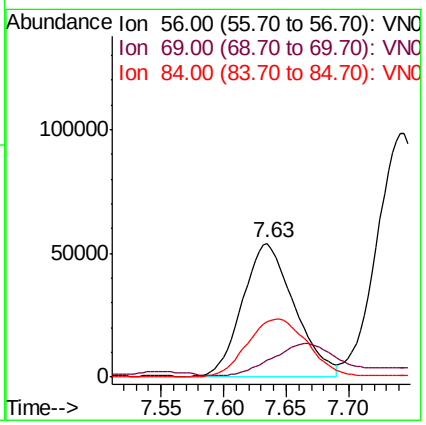


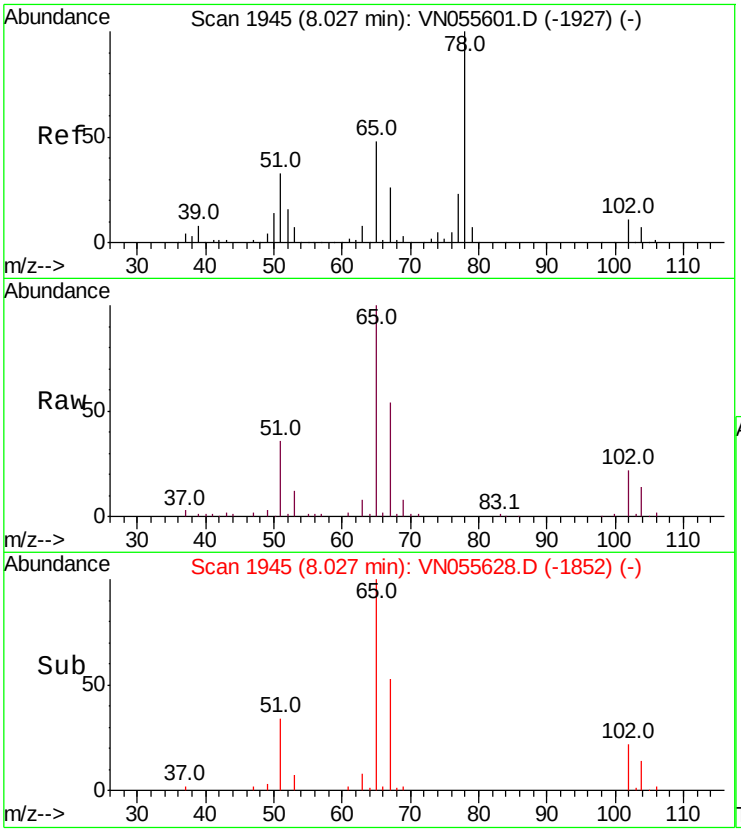


#31
Cyclohexane
Concen: 26.548 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.02 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 56 Resp: 153924

Ion	Ratio	Lower	Upper
56	100		
69	9.2	27.2	40.8#
84	41.8	71.3	106.9#



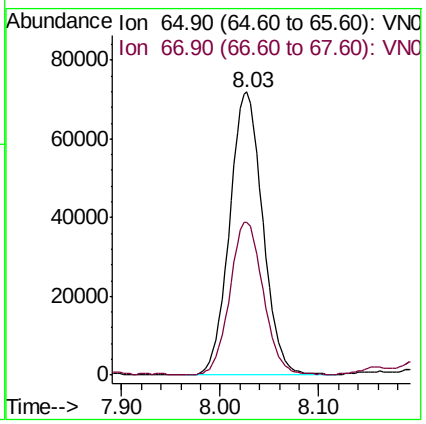


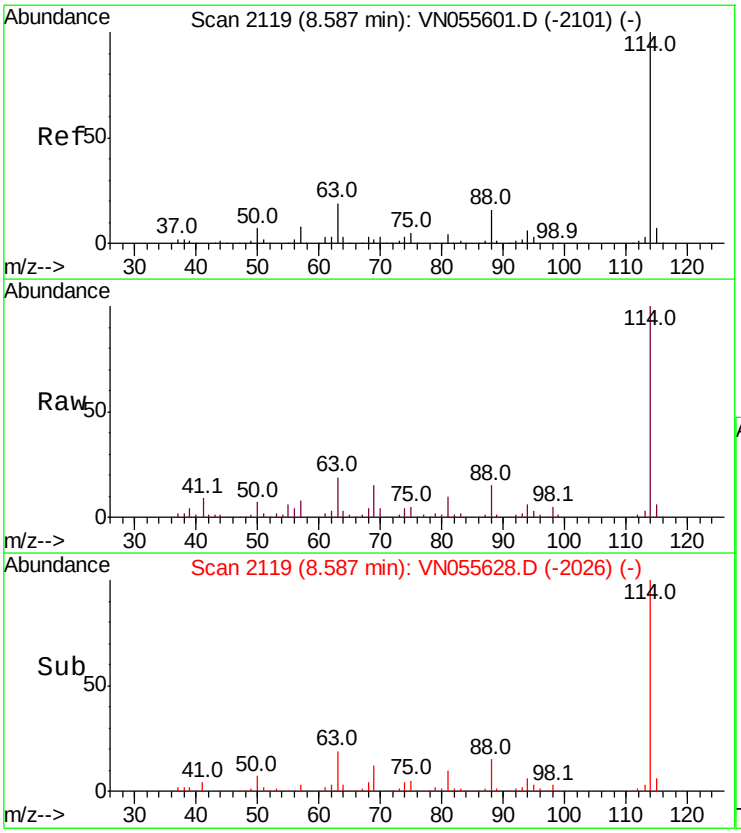
#33
1,2-Dichloroethane-d4
Concen: 43.023 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tgt Ion: 65 Resp: 168192

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6

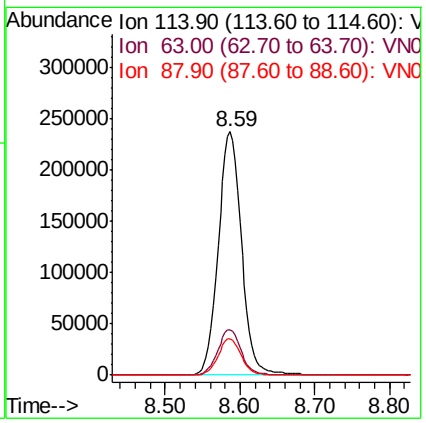


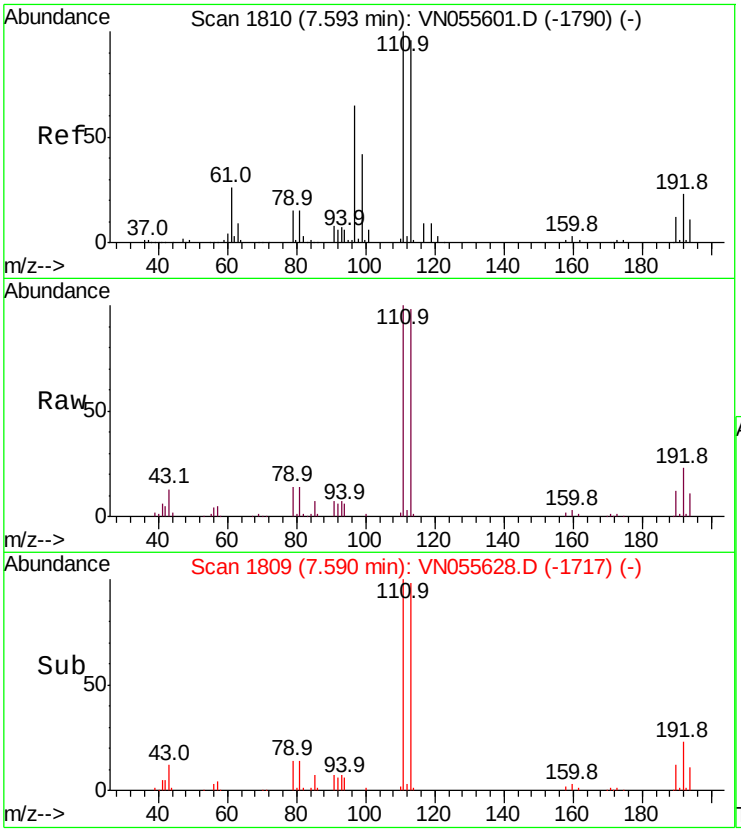


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion:114 Resp: 508707

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.2
88	15.0	0.0	31.0



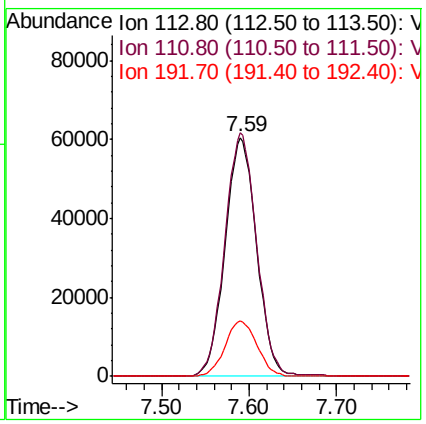


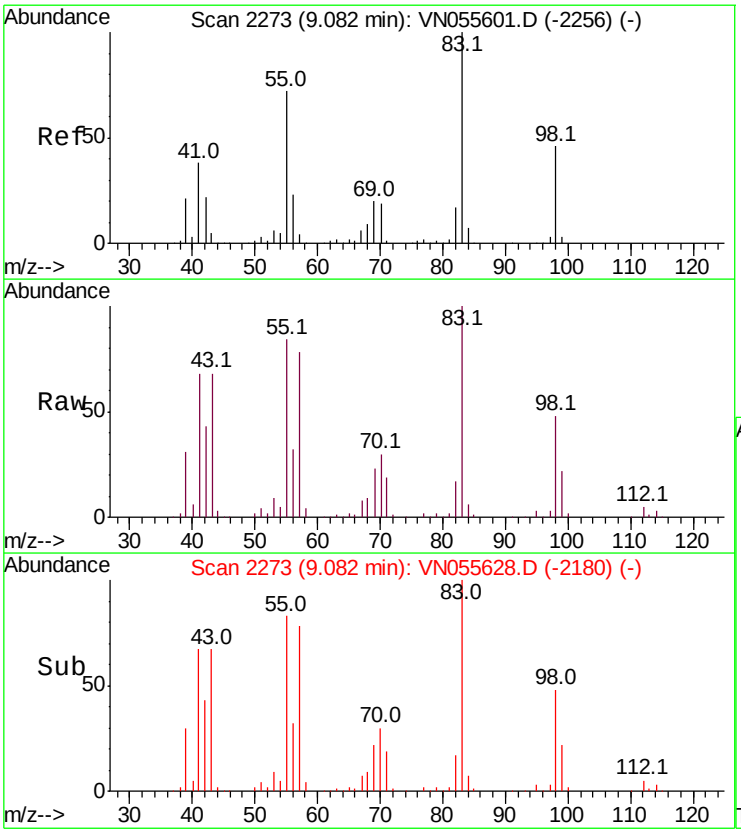
#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tgt Ion:113 Resp: 151853

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	23.4	18.7	28.1

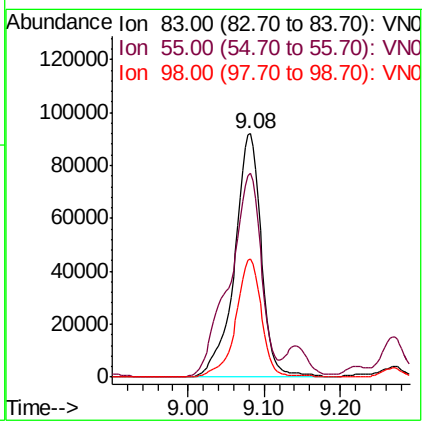


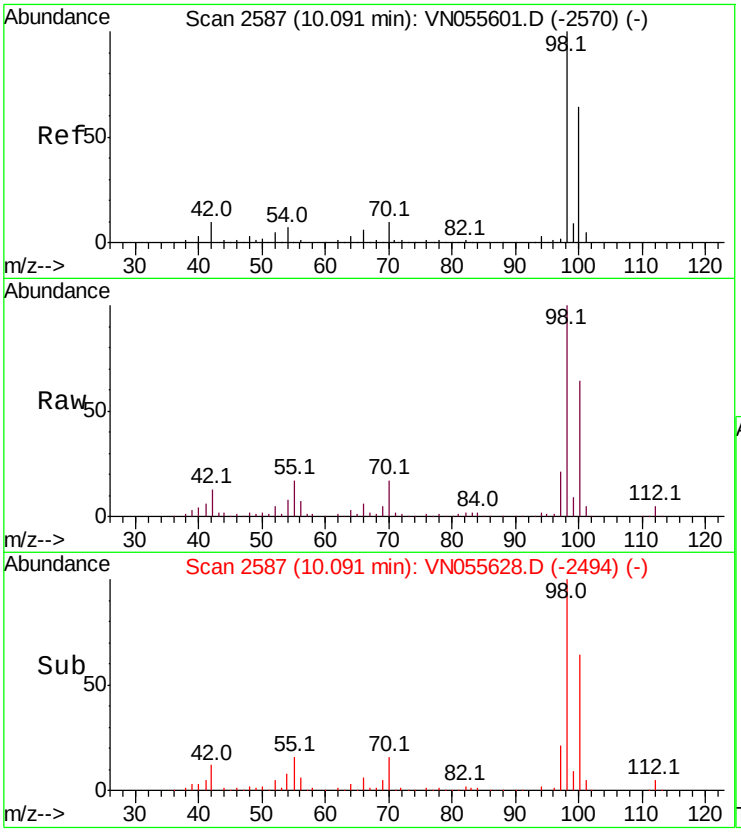


#39
Methylcyclohexane
Concen: 41.032 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 83 Resp: 224340

Ion	Ratio	Lower	Upper
83	100		
55	83.6	57.8	86.6
98	48.4	36.7	55.1



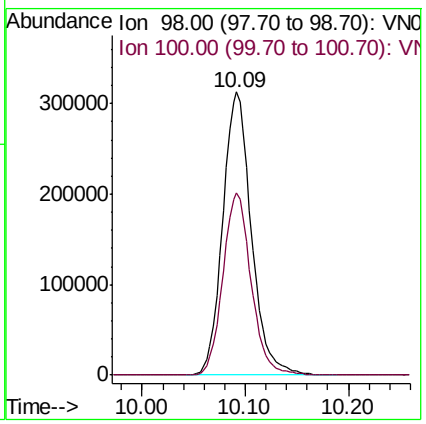


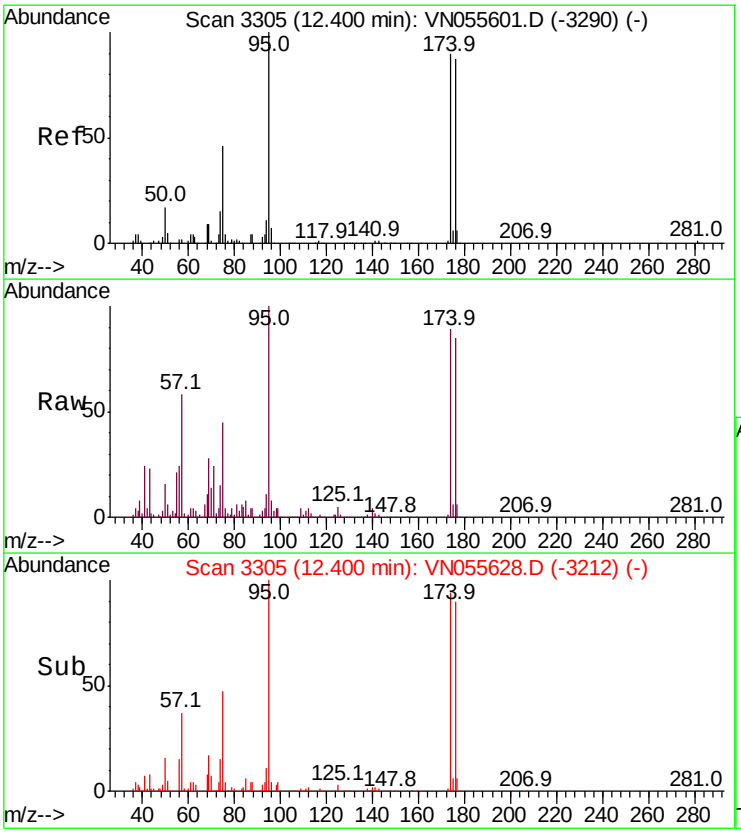
#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tgt Ion: 98 Resp: 602627

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9

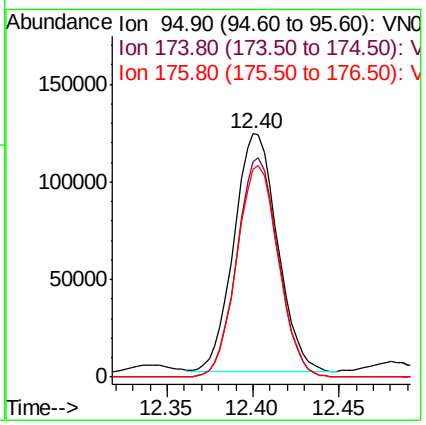


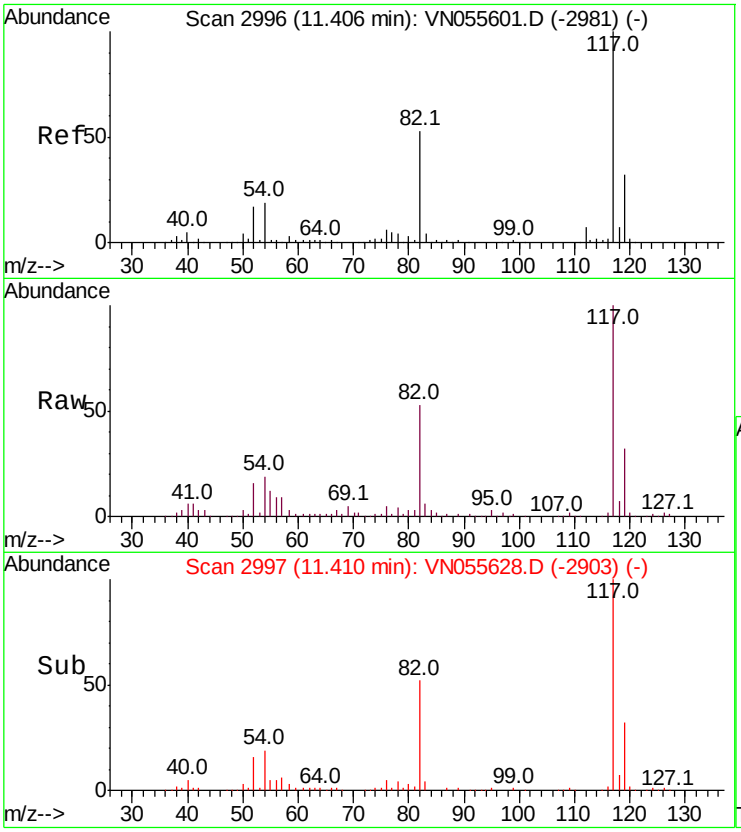


#62
4-Bromofluorobenzene
Concen: 50.509 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 95 Resp: 213117

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	180.6
176	86.0	0.0	177.4



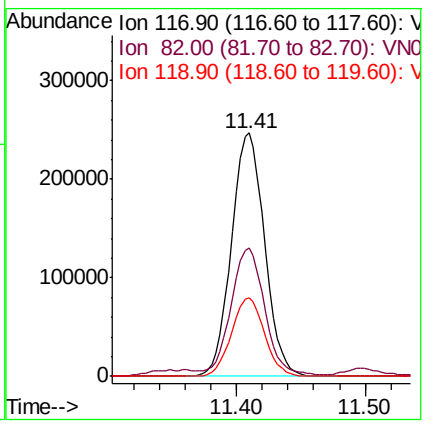


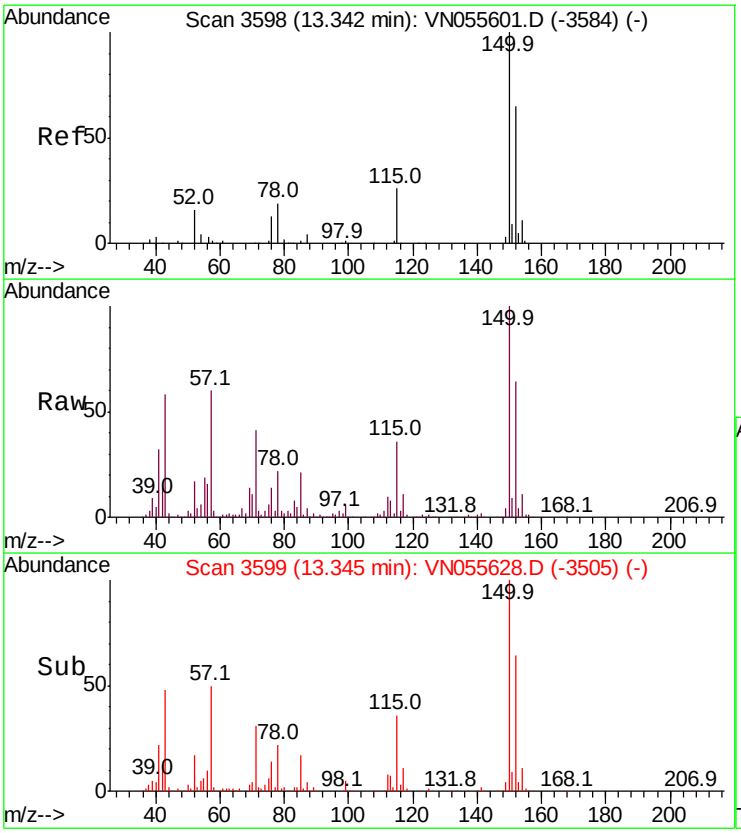
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument : MSVOA_N
ClientSampleId : 12-B2ME

Tgt Ion:117 Resp: 441184

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.3	63.5
119	32.5	25.4	38.2

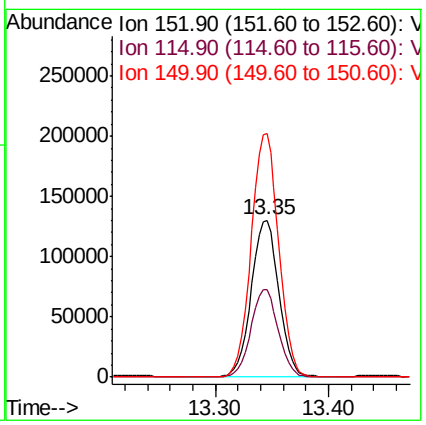


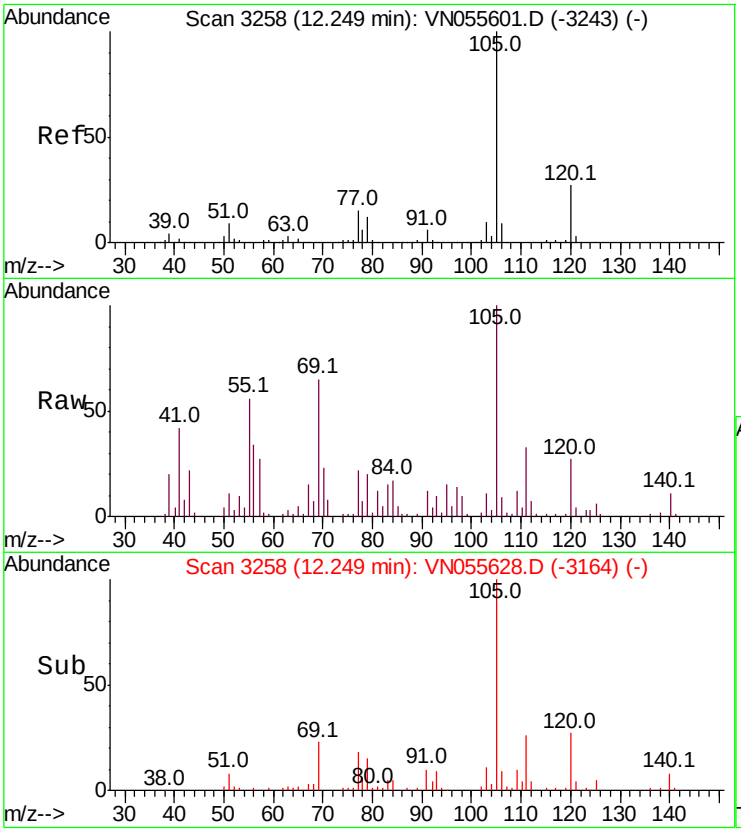


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion:152 Resp: 219864

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.1	84.2
150	154.5	0.0	348.0



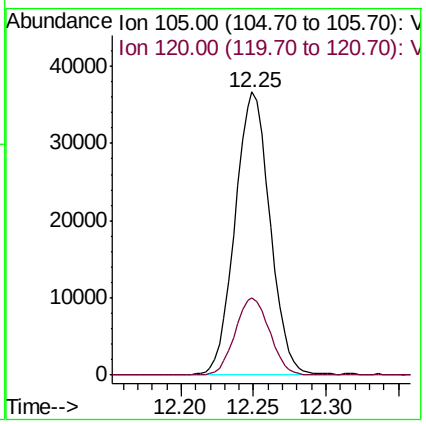


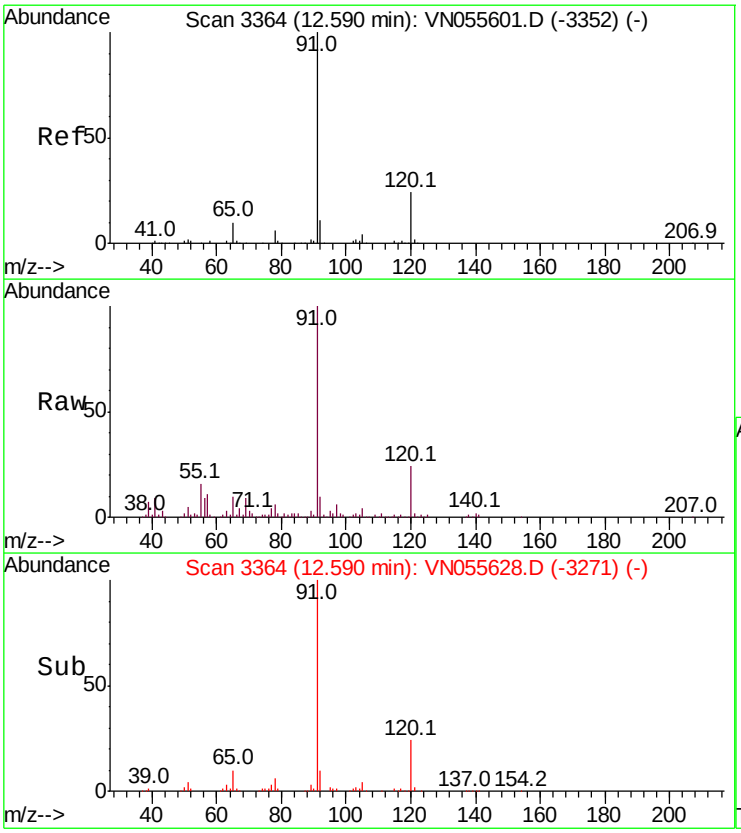
#73
Isopropylbenzene
Concen: 1.653 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument :
MSVOA_N
ClientSampleId :
12-B2ME

Tgt Ion:105 Resp: 61443

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

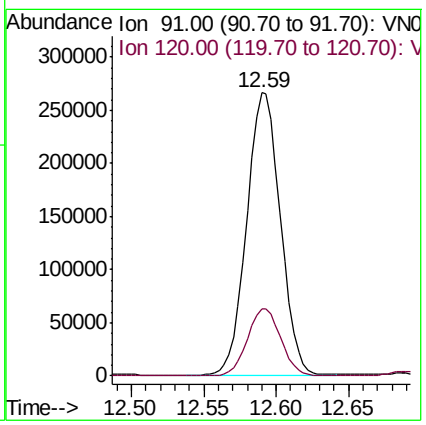


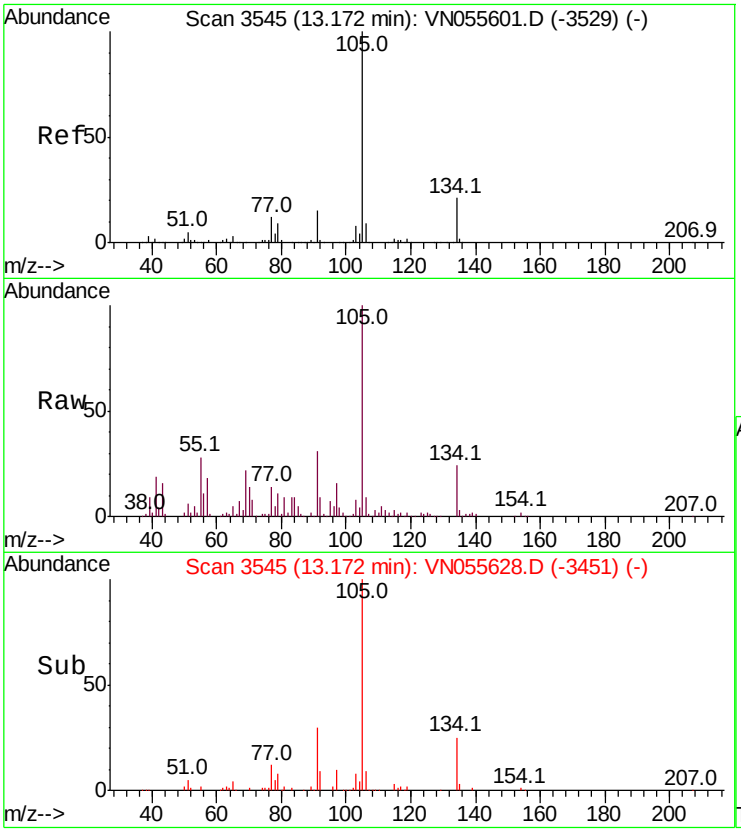


#78
n-propylbenzene
Concen: 21.993 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 91 Resp: 429408

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5



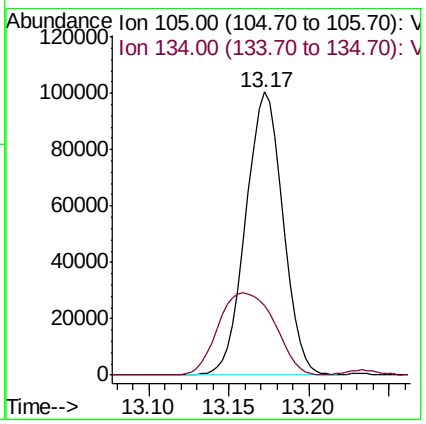


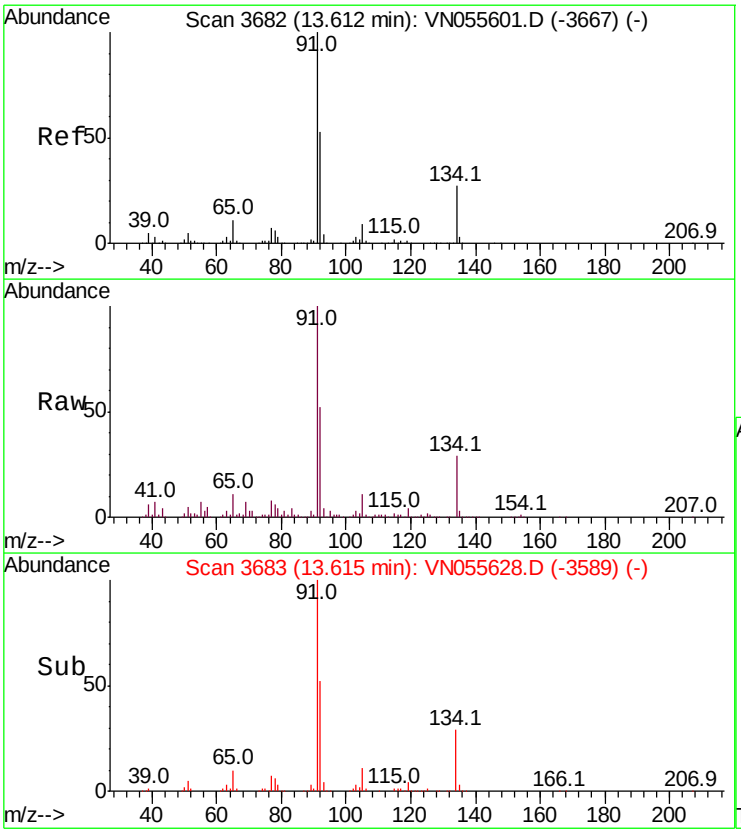
#85
sec-Butylbenzene
Concen: 9.075 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Instrument : MSVOA_N
ClientSampleId : 12-B2ME

Tgt Ion:105 Resp: 159118

Ion	Ratio	Lower	Upper
105	100		
134	44.5	10.3	30.9#





#89
n-Butylbenzene
Concen: 35.439 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055628.D
Acq: 17 May 2019 22:16

Tgt Ion: 91 Resp: 427560

Ion	Ratio	Lower	Upper
91	100		
92	47.4	26.4	79.0
134	43.0	13.7	41.1#