Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
Data File : VN055718.D
Acq On : 21 May 2019 18:43
Operator : JC/SP
Sample : K2977-04 50X
Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Quant Time: May 22 06:36:21 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	7.67	168	442468	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	586704	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	518557	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239650	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	180771	37.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.54%				
35) Dibromofluoromethane	7.59	113	176650	47.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.80%				
50) Toluene-d8	10.09	98	679925	48.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.50%				
62) 4-Bromofluorobenzene	12.40	95	255069	52.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.84%				
Target Compounds							Qvalue
39) Methylcyclohexane	9.08	83	8753	1.388	ug/l		91
67) Ethyl Benzene	11.51	91	10635	0.569	ug/l		96
68) m/p-Xylenes	11.63	106	51910	7.357	ug/l		98
73) Isopropylbenzene	12.25	105	130241	5.605	ug/l		99
78) n-propylbenzene	12.59	91	399343	18.765	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	2464055	176.179	ug/l		98
85) sec-Butylbenzene	13.17	105	248685	13.982	ug/l	#	63
86) p-Isopropyltoluene	13.29	119	271004	17.015	ug/l		98
89) n-Butylbenzene	13.61	91	175170	13.320	ug/l	#	68
95) Naphthalene	15.13	128	24880	3.690	ug/l		98

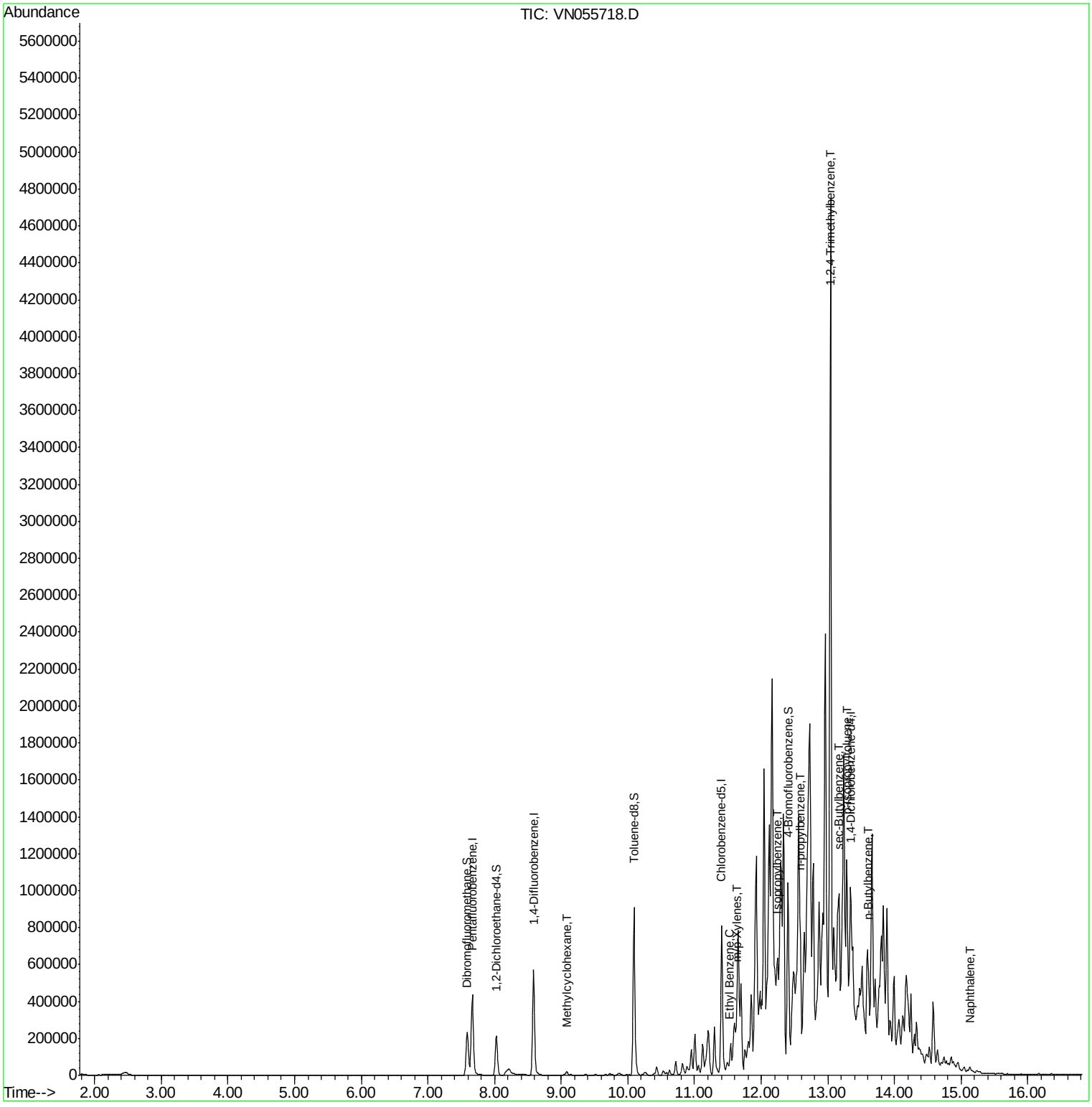
(#) = qualifier out of range (m) = manual integration (+) = signals summed

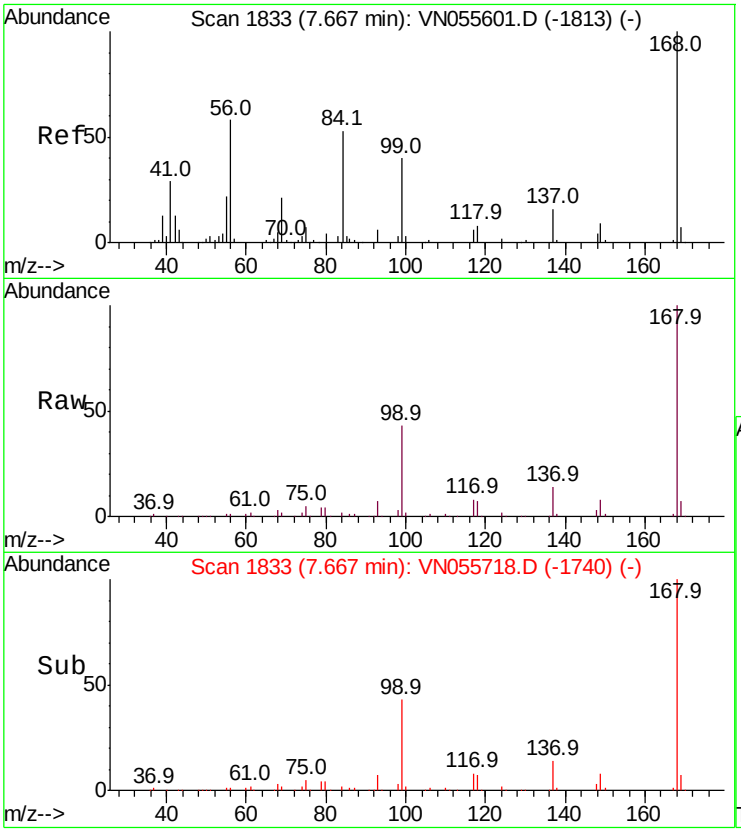
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
Data File : VN055718.D
Acq On : 21 May 2019 18:43
Operator : JC/SP
Sample : K2977-04 50X
Misc : 5.61g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Quant Time: May 22 06:36:21 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



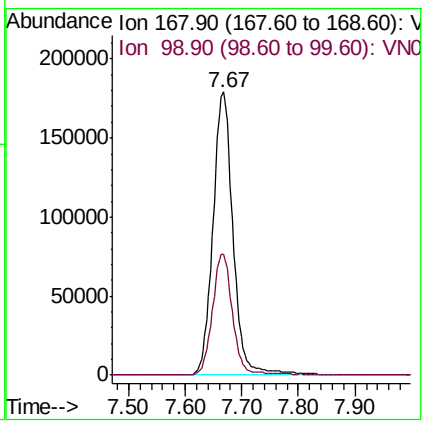


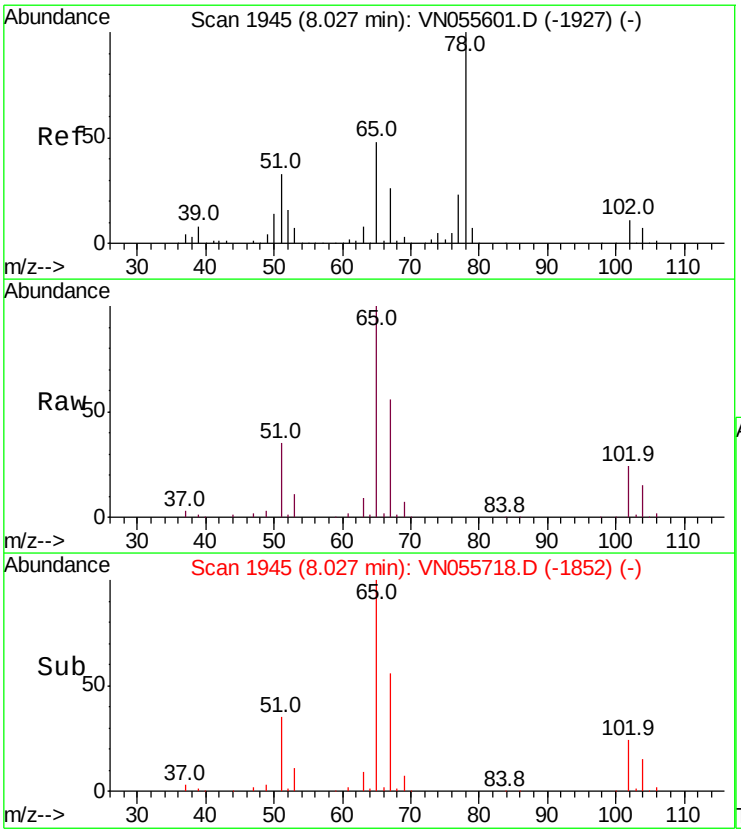
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:168 Resp: 442468

Ion	Ratio	Lower	Upper
168	100		
99	42.6	40.2	60.2

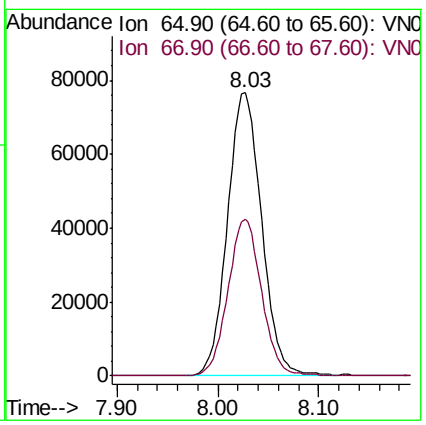


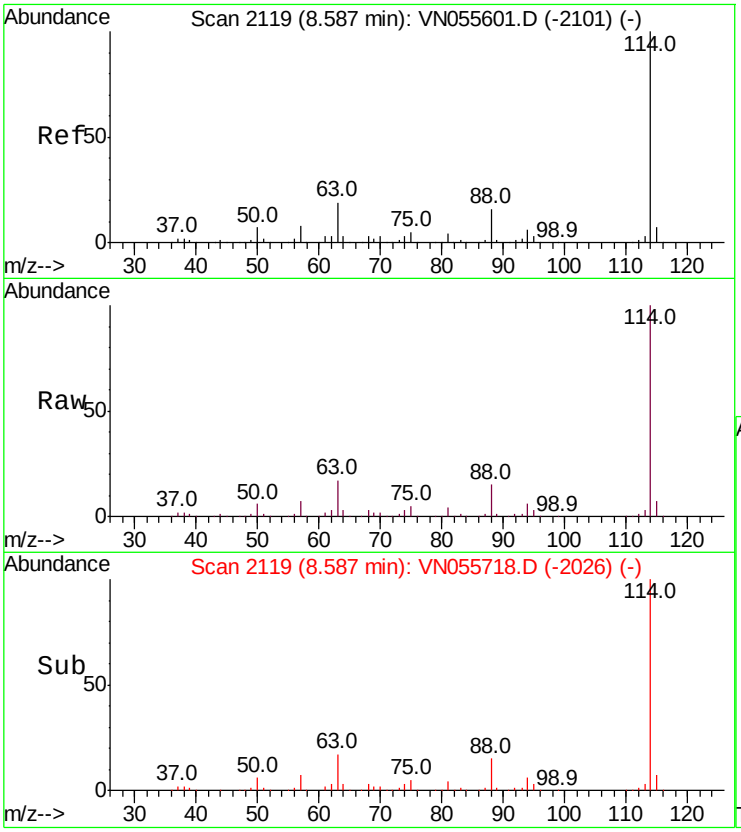


#33
1,2-Dichloroethane-d4
Concen: 37.270 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 65 Resp: 180771

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.6



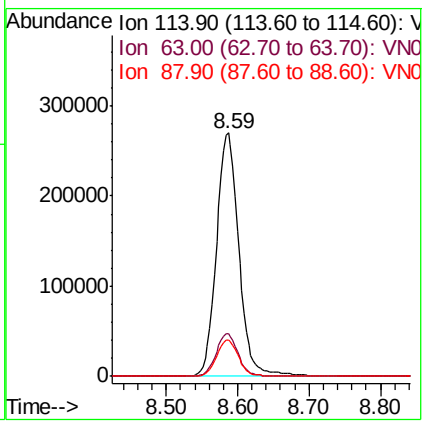


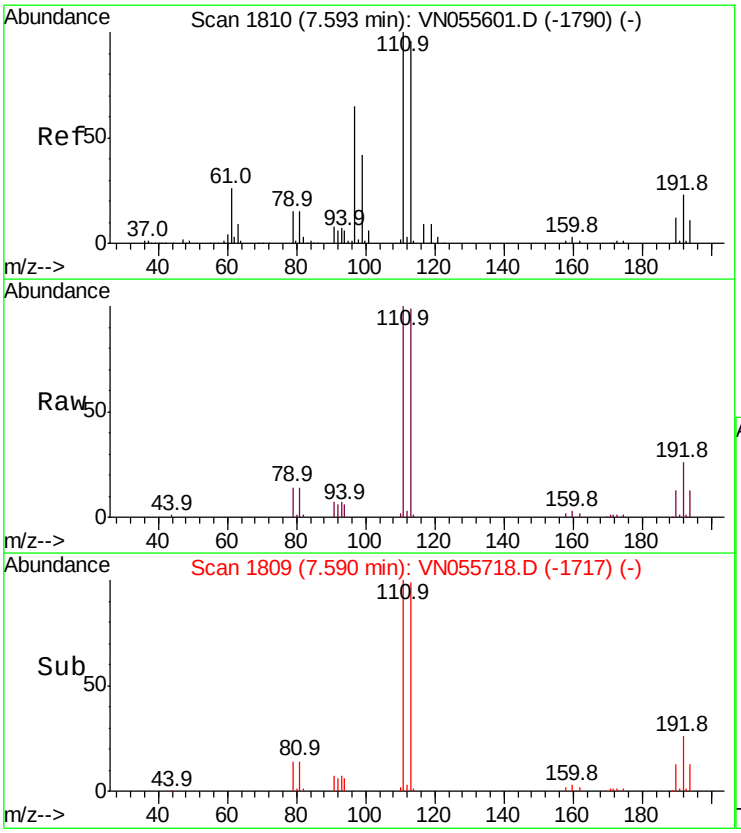
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:114 Resp: 586704

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	38.2
88	15.2	0.0	31.0

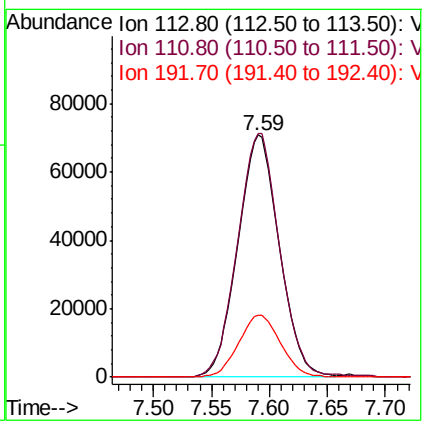


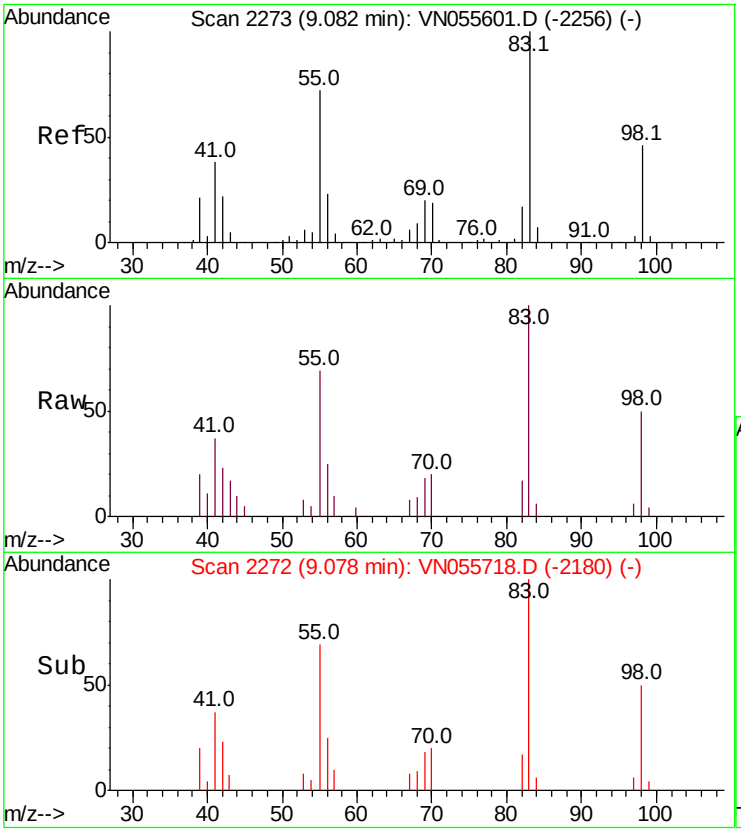


#35
Dibromofluoromethane
Concen: 47.397 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:113 Resp: 176650

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	25.9	18.7	28.1



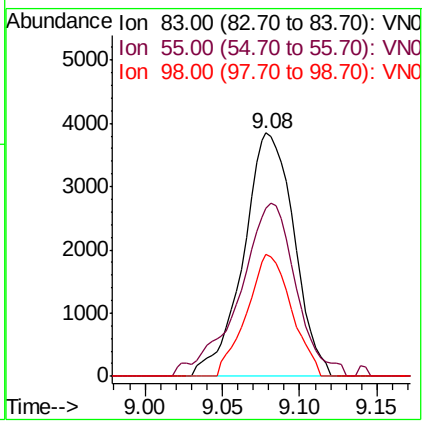


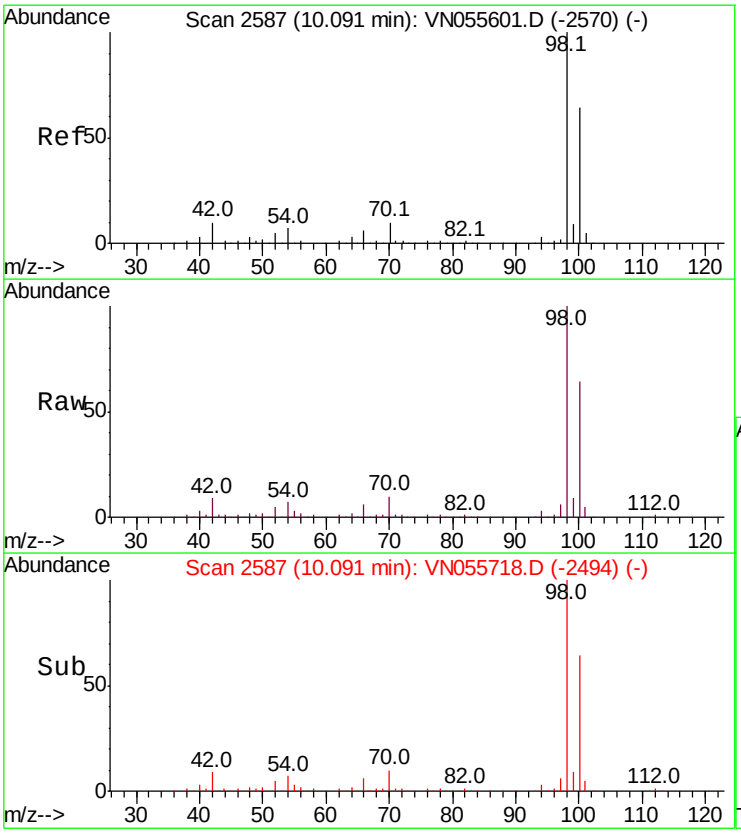
#39
Methylcyclohexane
Concen: 1.388 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 83 Resp: 8753

Ion	Ratio	Lower	Upper
83	100		
55	63.7	57.8	86.6
98	49.9	36.7	55.1

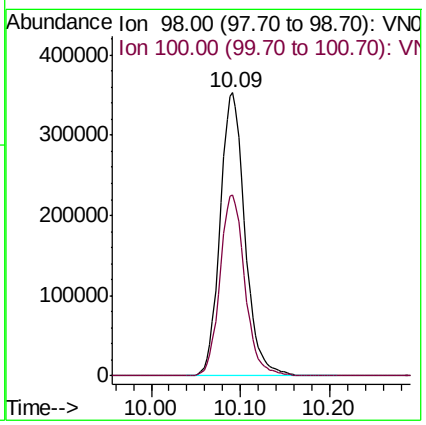


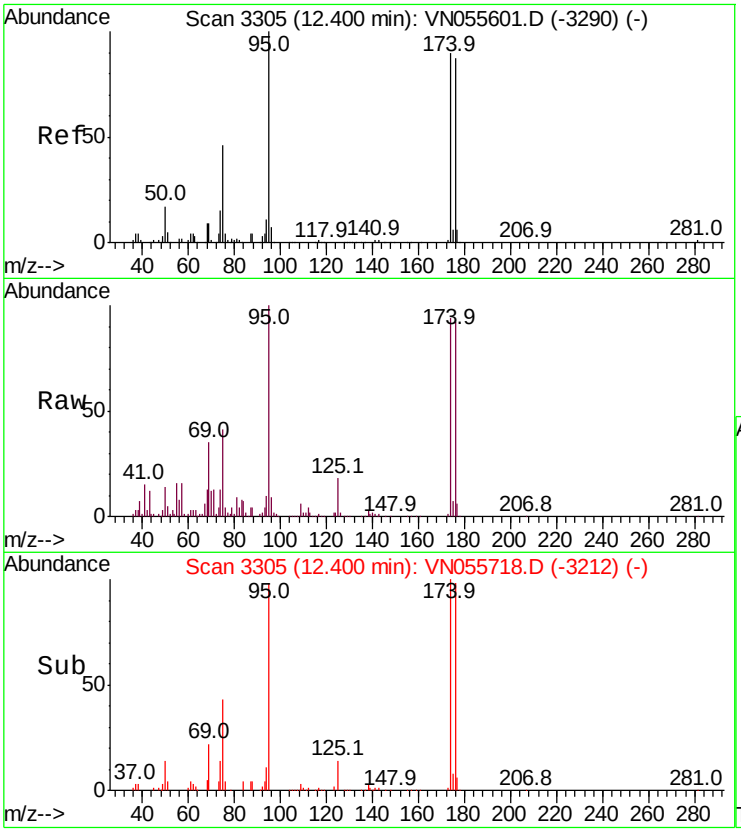


#50
Toluene-d8
Concen: 48.248 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion: 98 Resp: 679925

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9



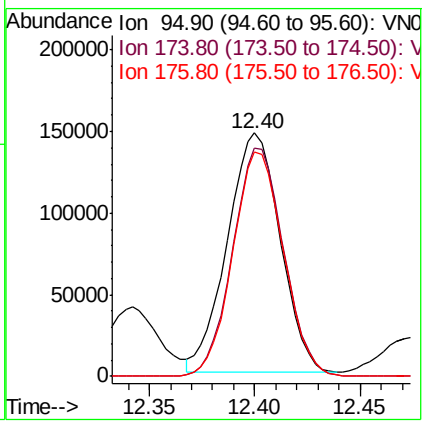


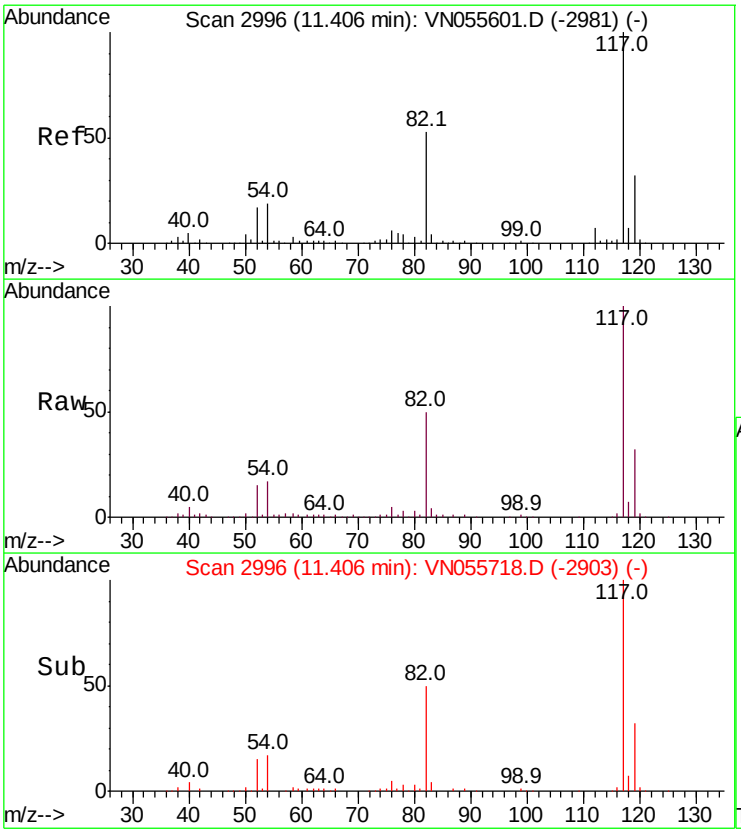
#62
4-Bromofluorobenzene
Concen: 52.416 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 95 Resp: 255069

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	180.6
176	90.0	0.0	177.4

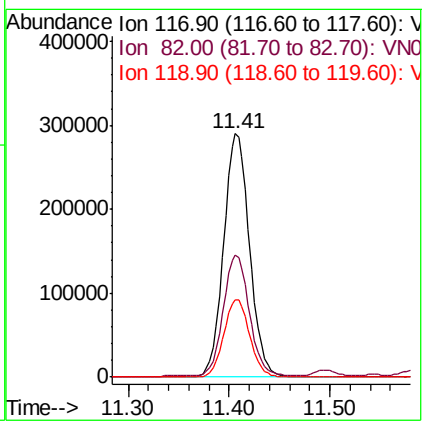


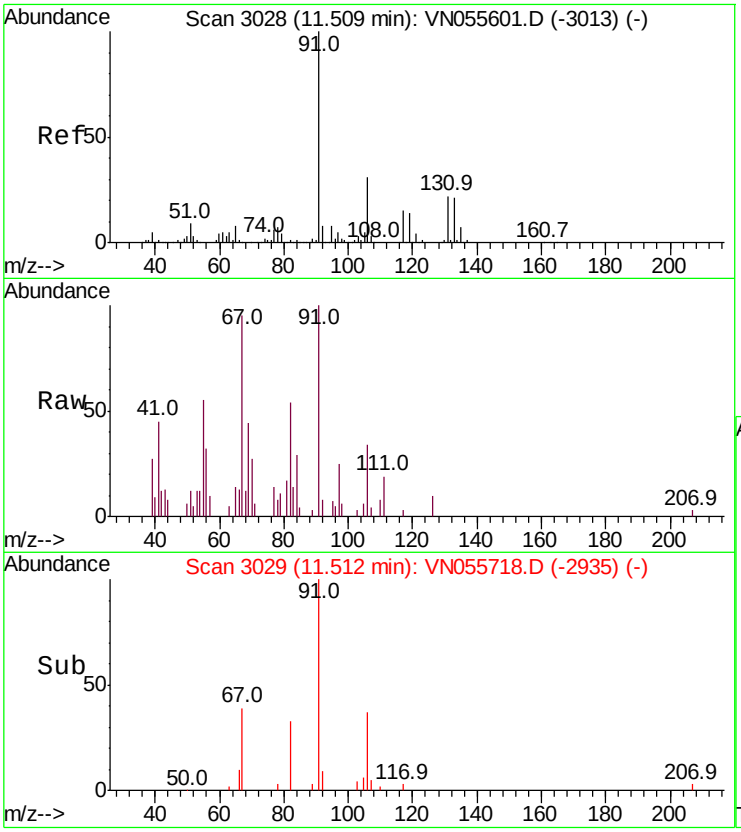


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:117 Resp: 518557

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.3	63.5
119	31.9	25.4	38.2



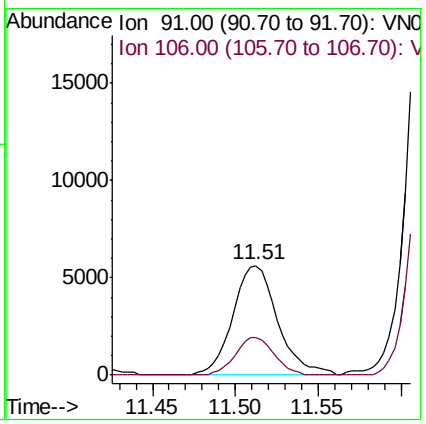


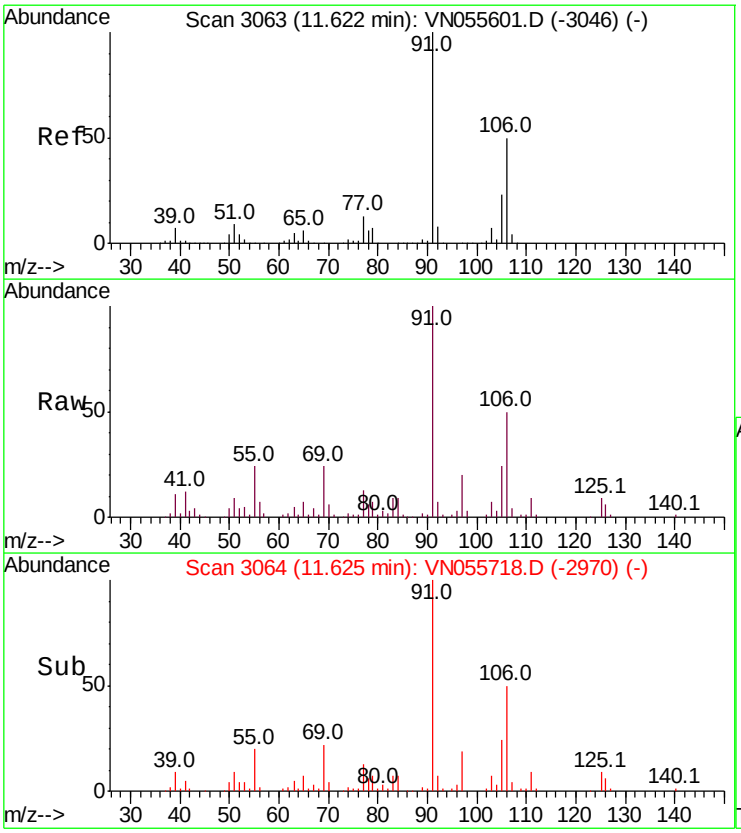
#67
Ethyl Benzene
Concen: 0.569 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 10635

Ion	Ratio	Lower	Upper
91	100		
106	33.9	25.2	37.8

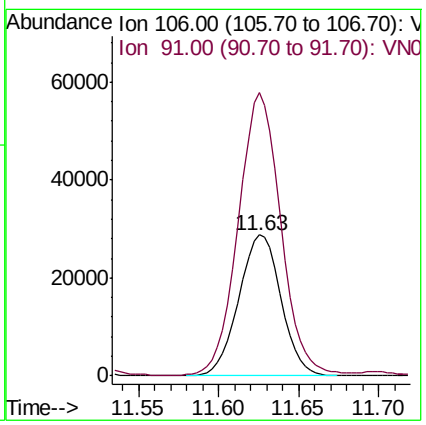


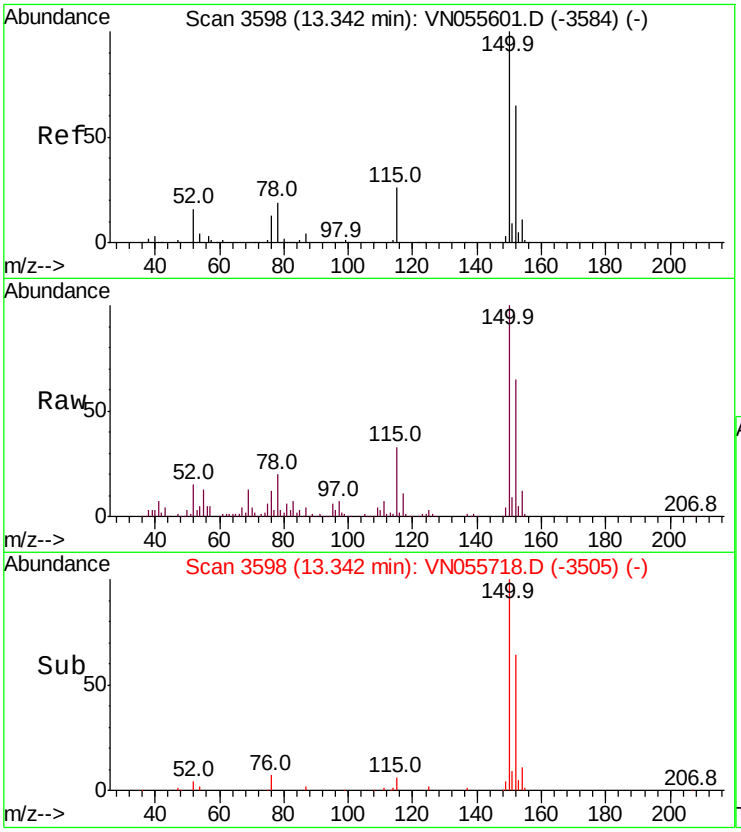


#68
m/p-Xylenes
Concen: 7.357 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:106 Resp: 51910

Ion	Ratio	Lower	Upper
106	100		
91	203.9	160.5	240.7



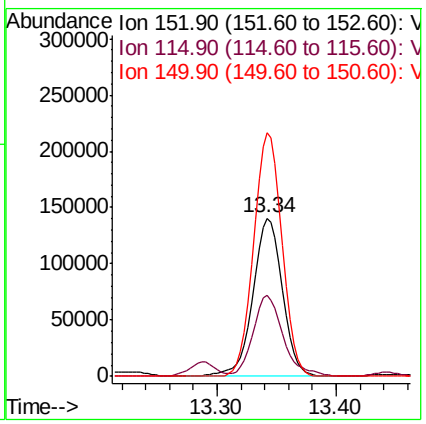


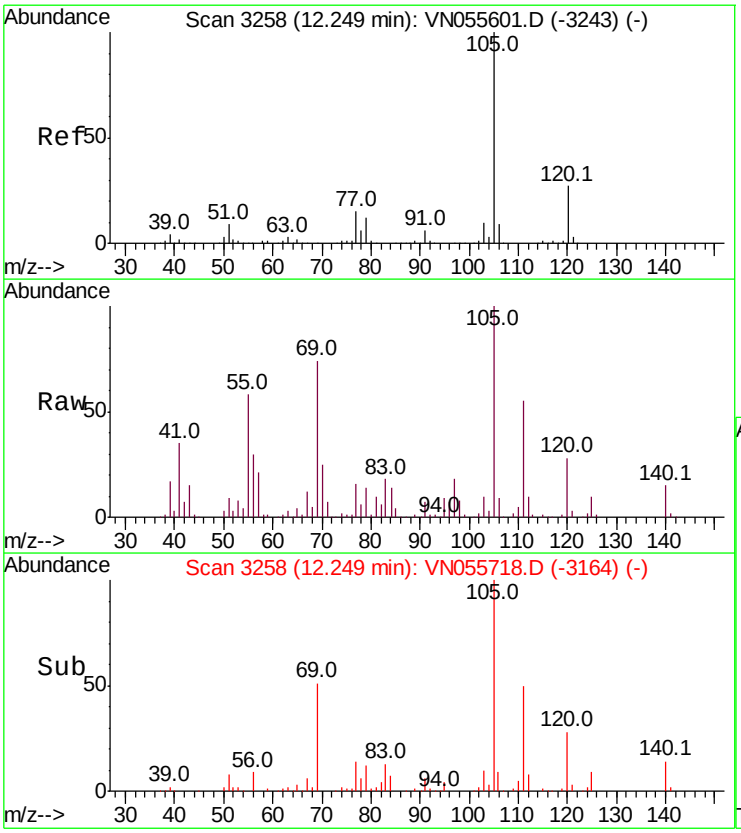
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion:152 Resp: 239650

Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.1	84.2
150	148.3	0.0	348.0

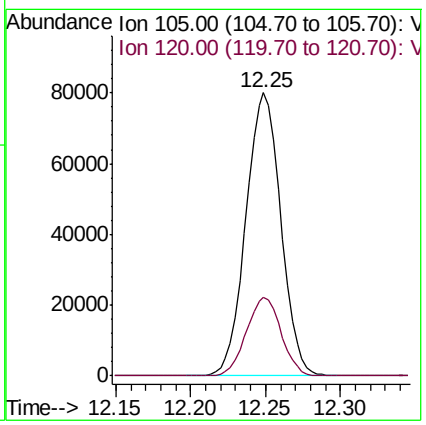


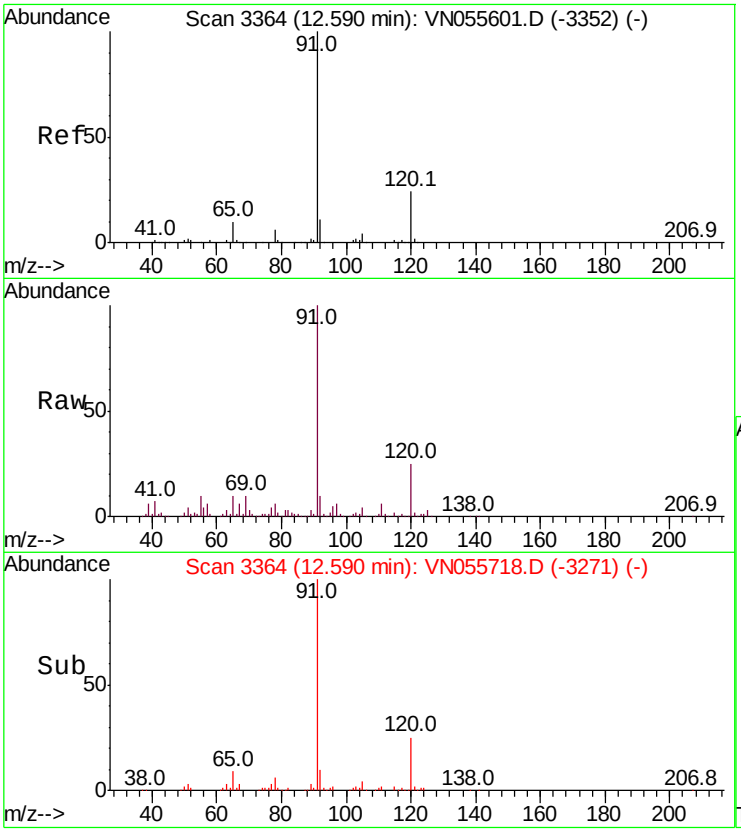


#73
Isopropylbenzene
Concen: 5.605 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:105 Resp: 130241

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.4	40.2



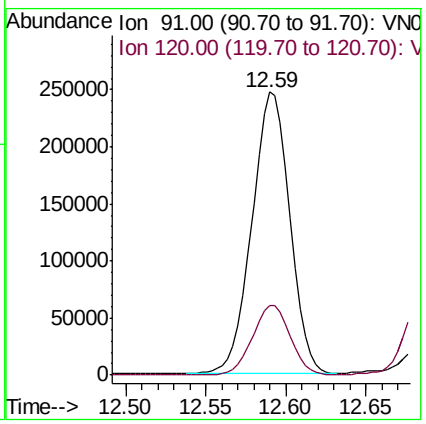


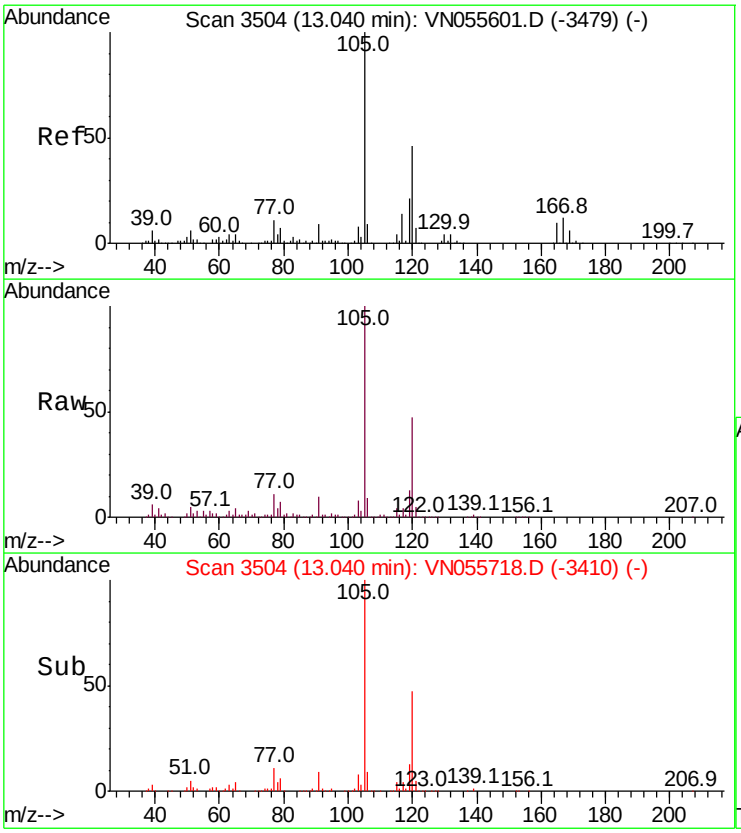
#78
n-propylbenzene
Concen: 18.765 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 399343

Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.9	35.5

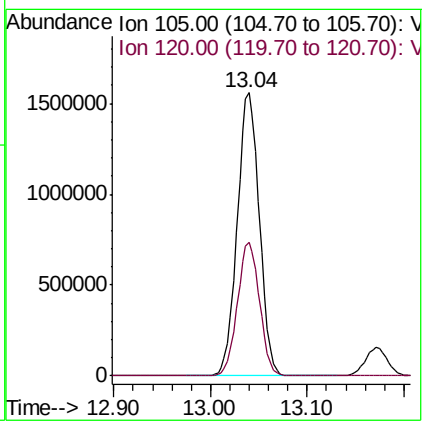


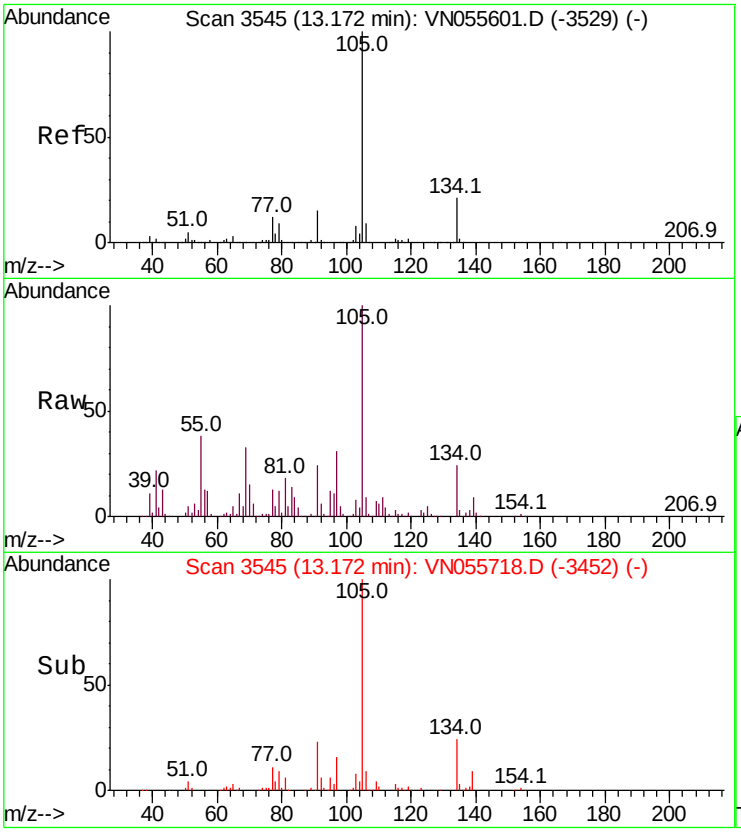


#84
1,2,4-Trimethylbenzene
Concen: 176.179 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:105 Resp: 2464055

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.1	69.2



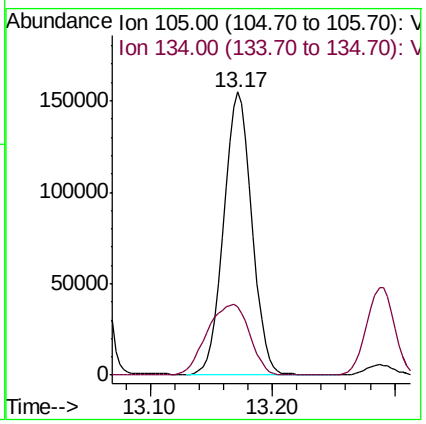


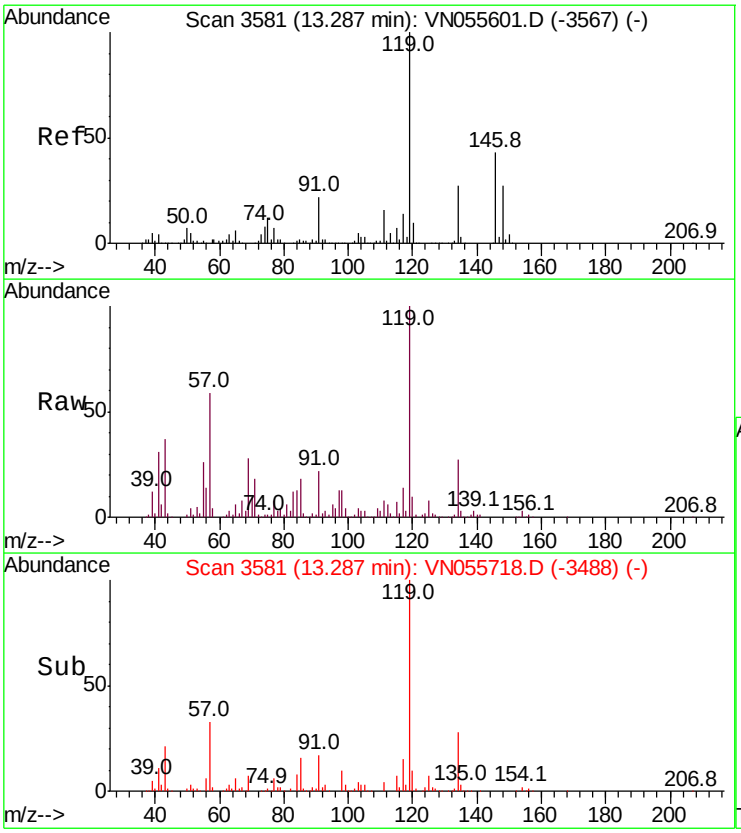
#85
sec-Butylbenzene
Concen: 13.982 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:105 Resp: 248685

Ion	Ratio	Lower	Upper
105	100		
134	37.7	10.3	30.9#

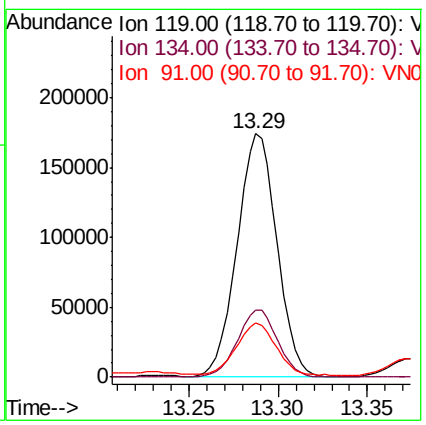


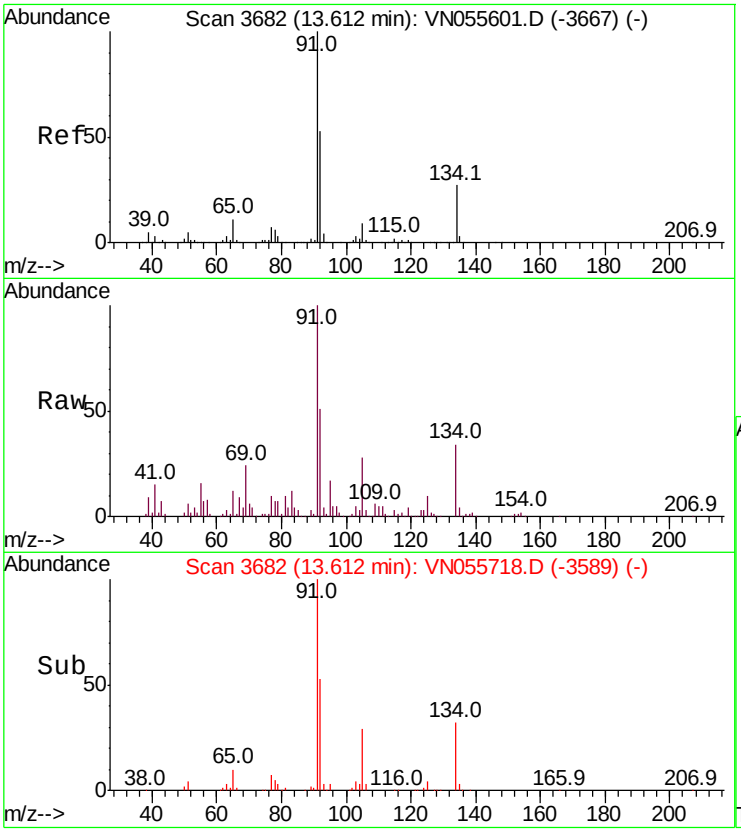


#86
p-Isopropyltoluene
Concen: 17.015 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:119 Resp: 271004

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.2
91	21.3	11.0	33.0



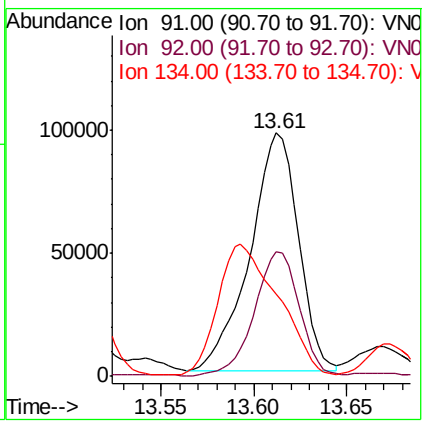


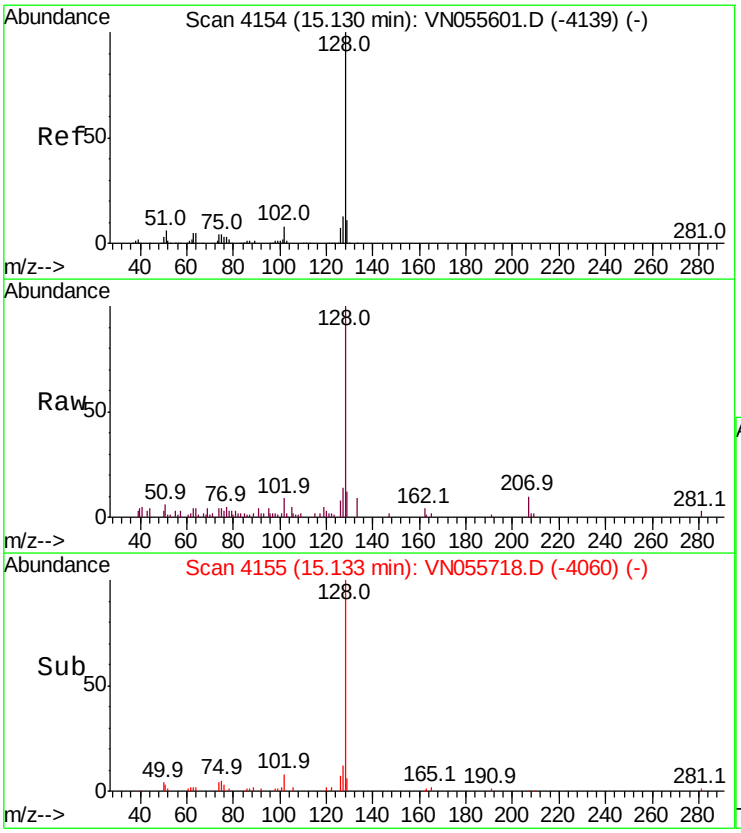
#89
n-Butylbenzene
Concen: 13.320 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 175170

Ion	Ratio	Lower	Upper
91	100		
92	47.9	26.4	79.0
134	69.7	13.7	41.1#





#95
Naphthalene
Concen: 3.690 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055718.D
Acq: 21 May 2019 18:43

Tgt Ion:128 Resp: 24880

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.8	8.6	12.8