Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : EP1-SBR-1A(8-9FT)1218

Quant Time: Dec 20 09:10:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1403714	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2134927	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1954766	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	831504	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	664755	46.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.34%				
35) Dibromofluoromethane	7.59	113	547265	56.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.24%				
50) Toluene-d8	10.09	98	2658228	50.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.54%				
62) 4-Bromofluorobenzene	12.40	95	1082990	58.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.84%				
Target Compounds							Qvalue
39) Methylcyclohexane	9.08	83	69695	2.800	ug/l		98
68) m/p-Xylenes	11.63	106	47407	1.673	ug/l	#	62
73) Isopropylbenzene	12.25	105	1914106	29.422	ug/l		99
78) n-propylbenzene	12.59	91	4967126	67.037	ug/l		100
83) tert-Butylbenzene	12.99	119	374401	7.983	ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	5336391	100.105	ug/l		100
85) sec-Butylbenzene	13.17	105	2818552	44.433	ug/l	#	75
86) p-Isopropyltoluene	13.29	119	406410	7.415	ug/l		97
89) n-Butylbenzene	13.62	91	2610941	55.368	ug/l	#	85

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

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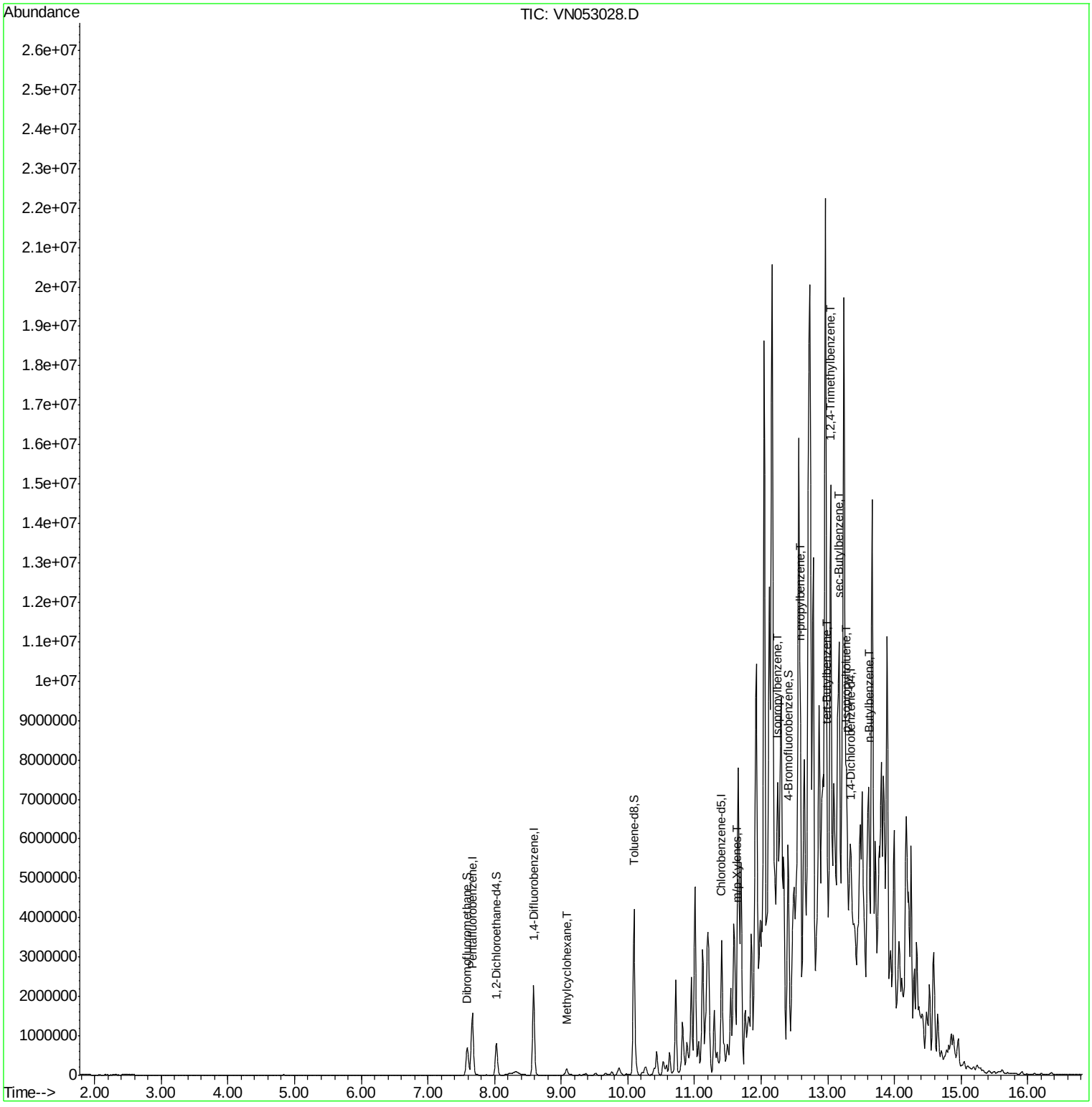
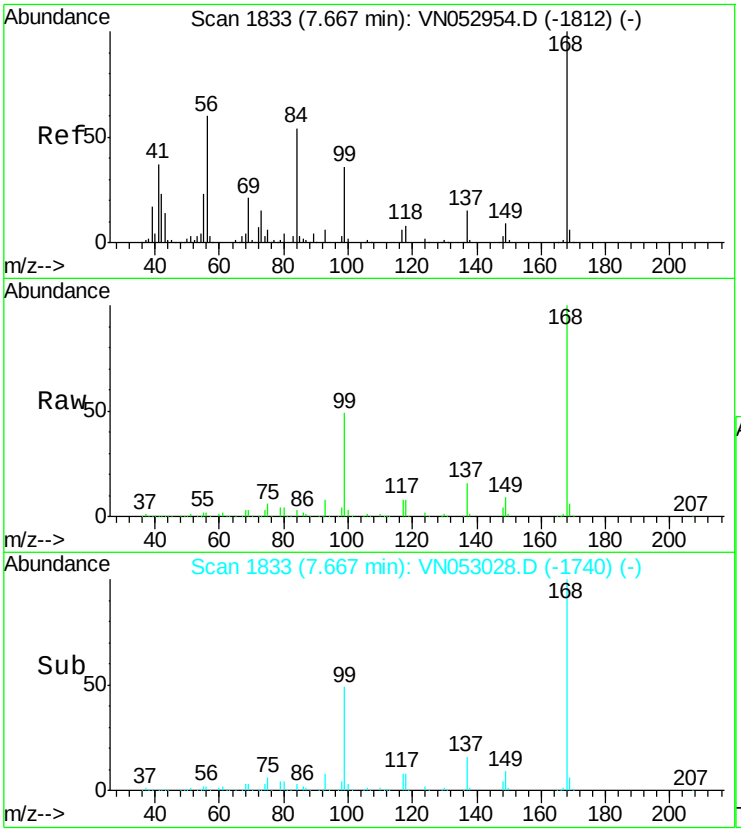
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Quant Time: Dec 20 09:10:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



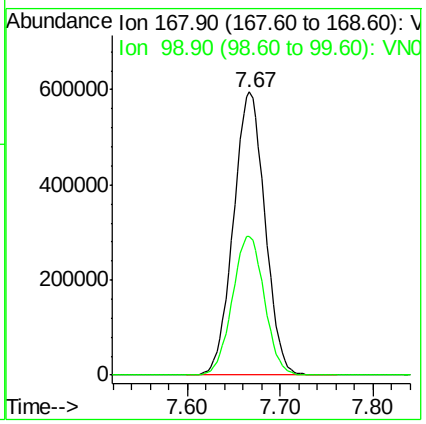


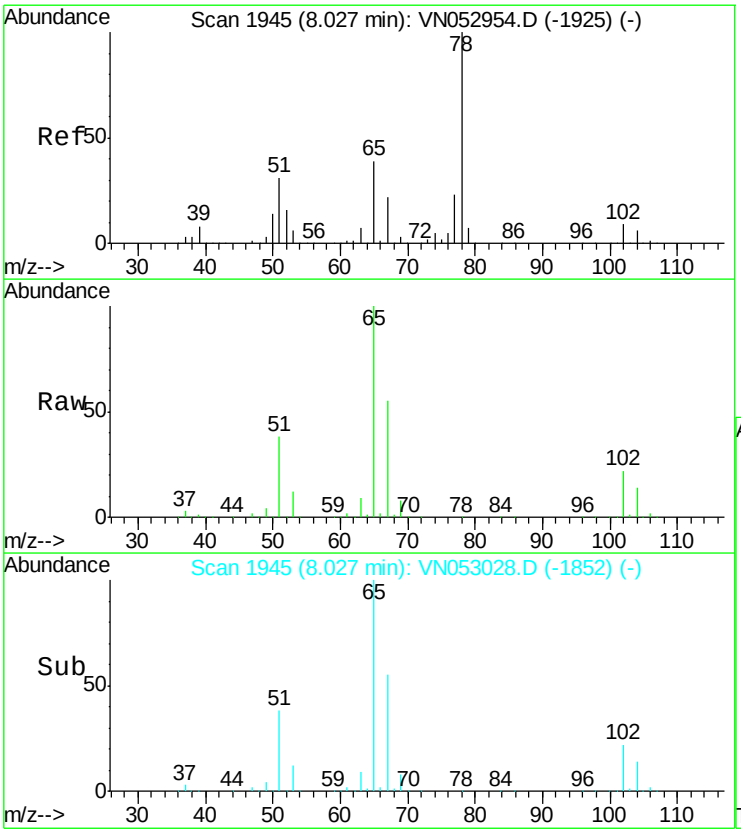
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:168 Resp: 1403714

Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.2	60.2

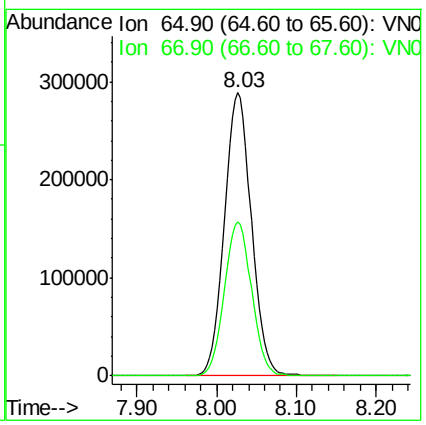


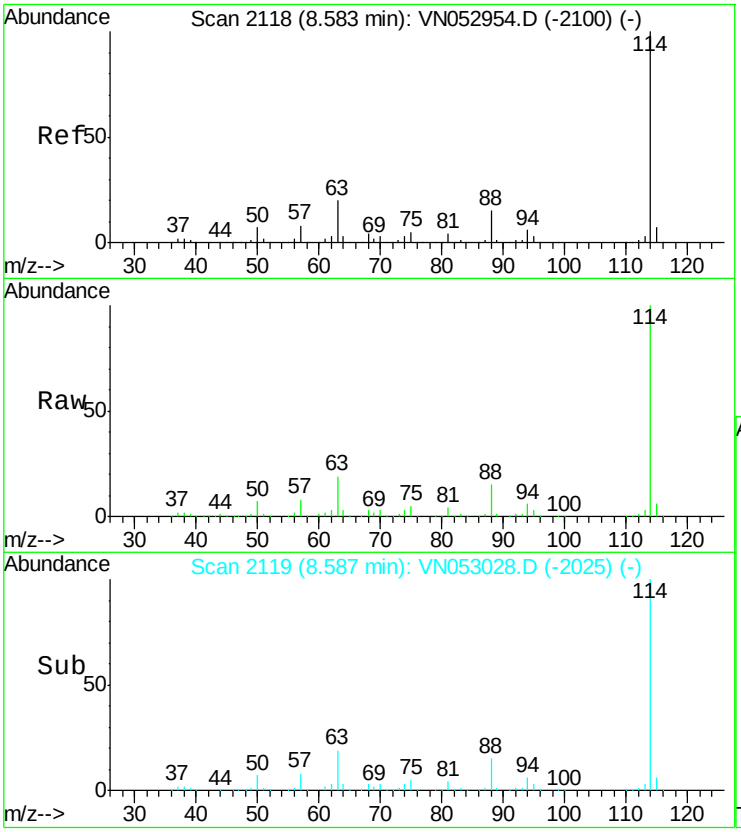


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion: 65 Resp: 664755

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.4



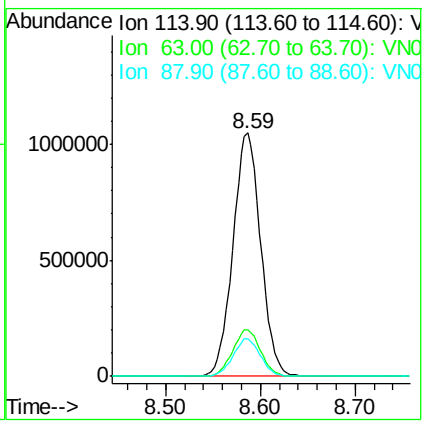


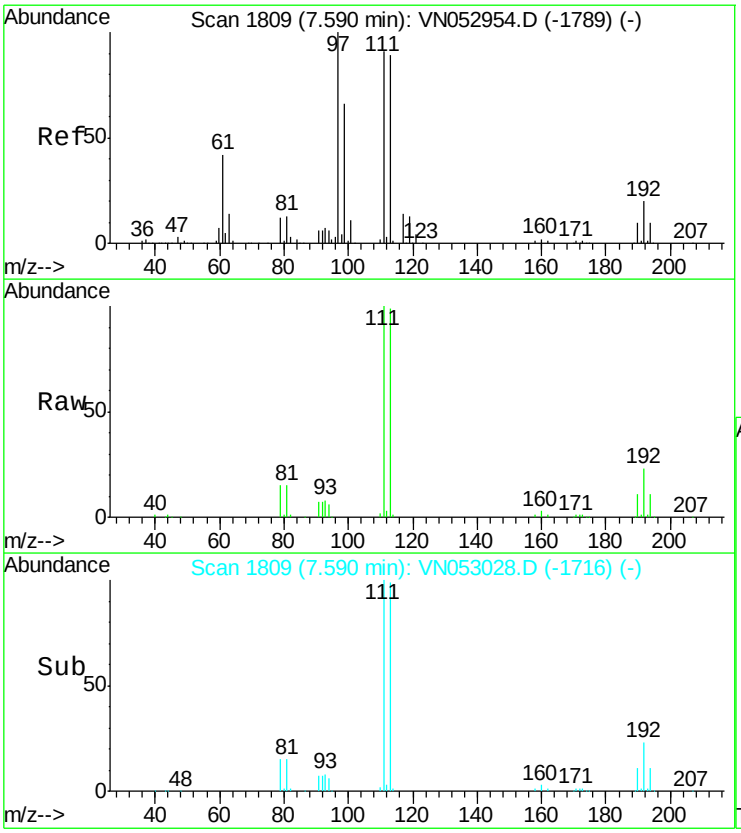
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:114 Resp: 2134927

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.8
88	15.5	0.0	31.0

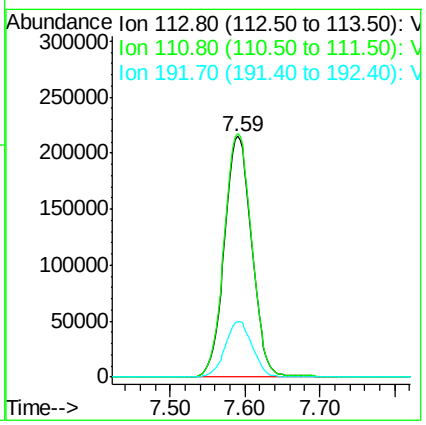


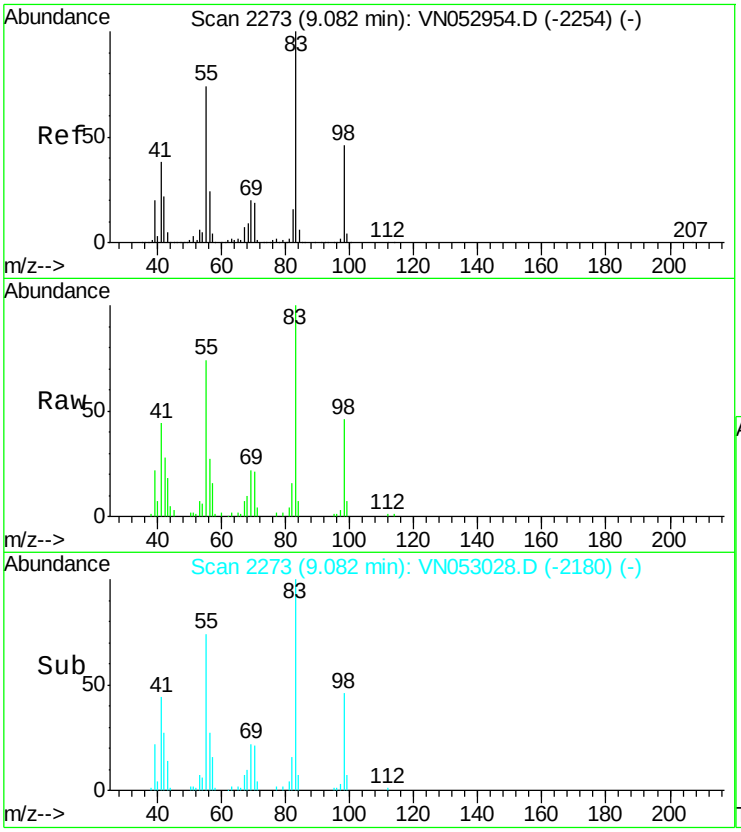


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:113 Resp: 547265

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	22.8	17.5	26.3



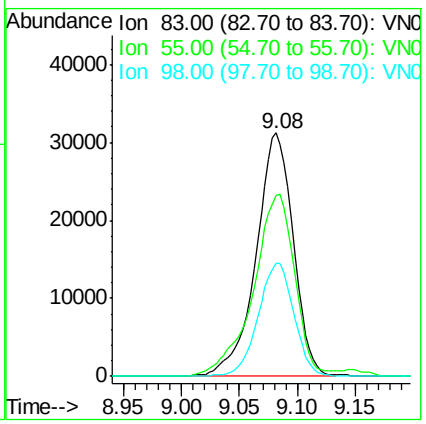


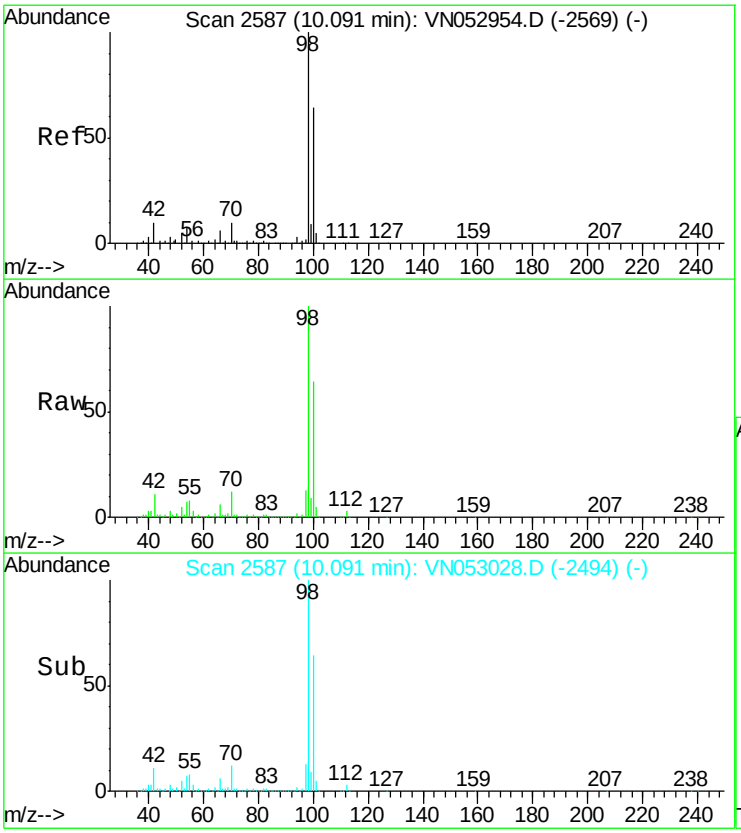
#39
Methylcyclohexane
Concen: 2.800 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion: 83 Resp: 69695

Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.3	91.9
98	46.3	37.0	55.4

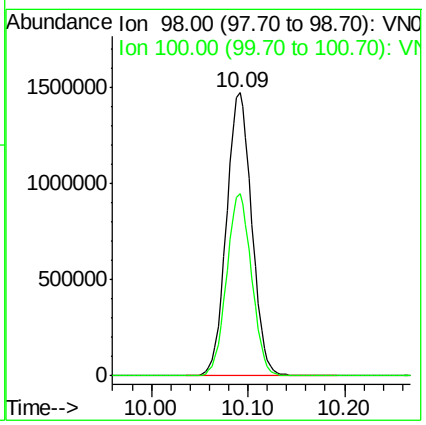


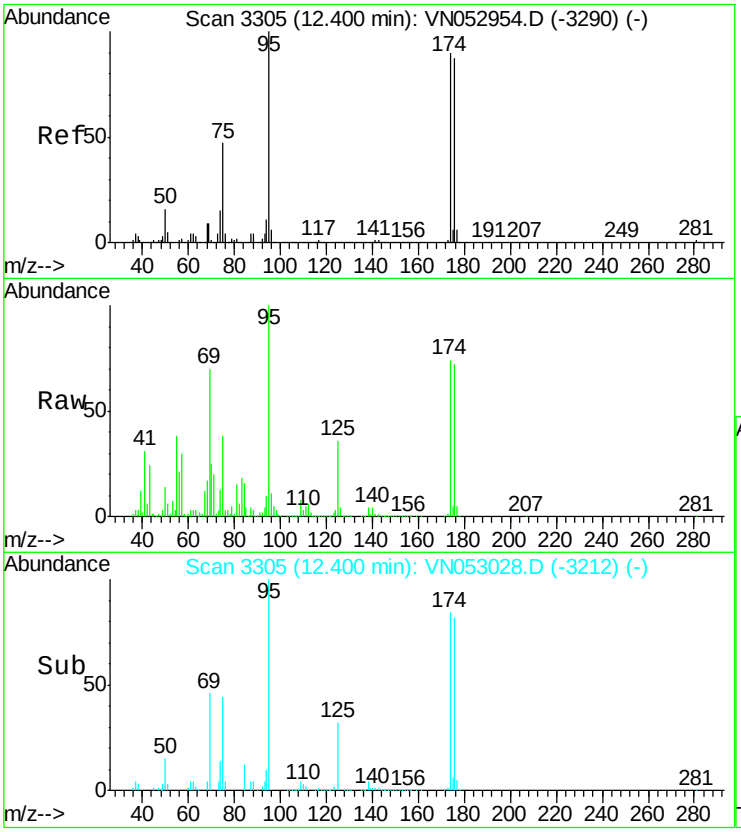


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion: 98 Resp: 2658228

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



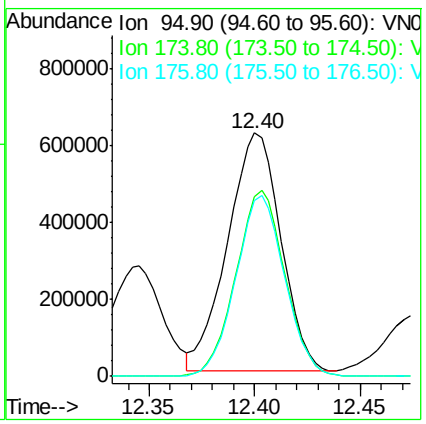


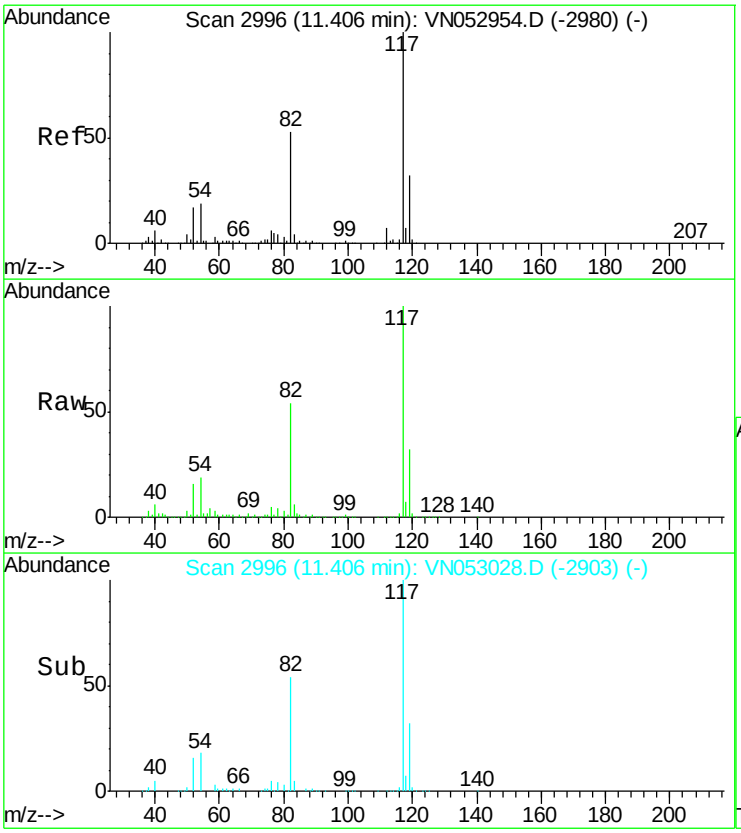
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion: 95 Resp: 1082990

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	178.8
176	70.1	0.0	173.8

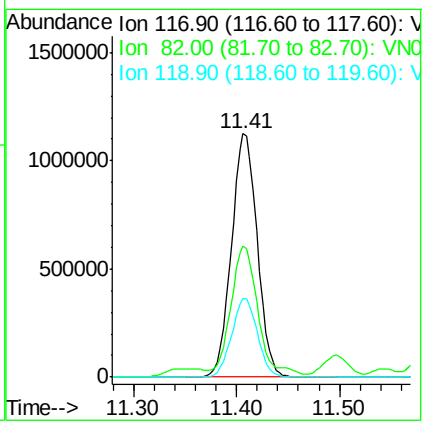


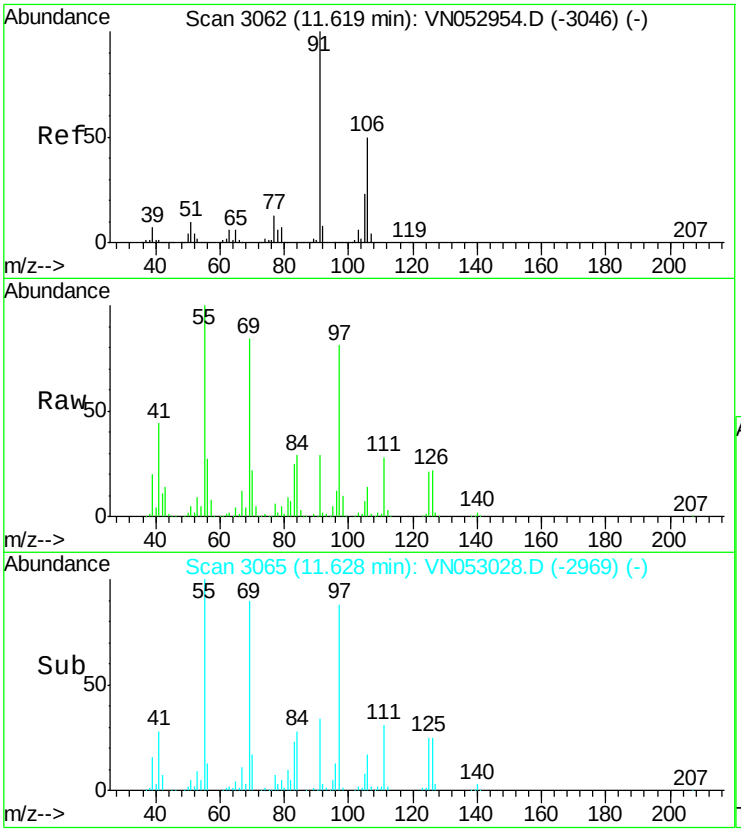


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:117 Resp: 1954766

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.8	64.2
119	32.3	25.5	38.3



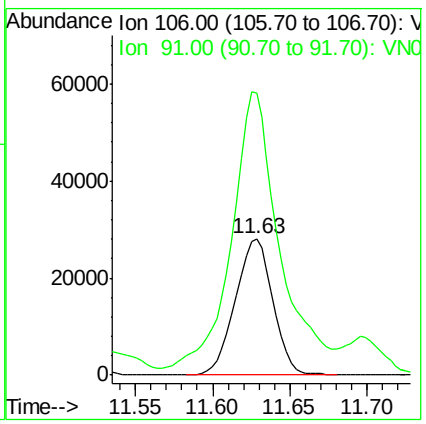


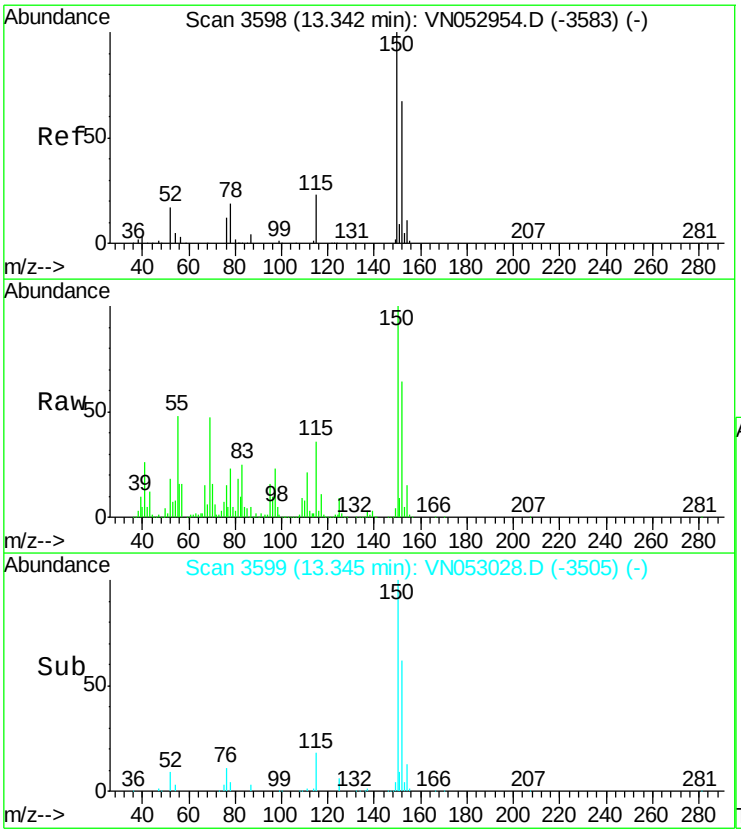
#68
m/p-Xylenes
Concen: 1.673 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:106 Resp: 47407

Ion	Ratio	Lower	Upper
106	100		
91	261.2	162.2	243.4#

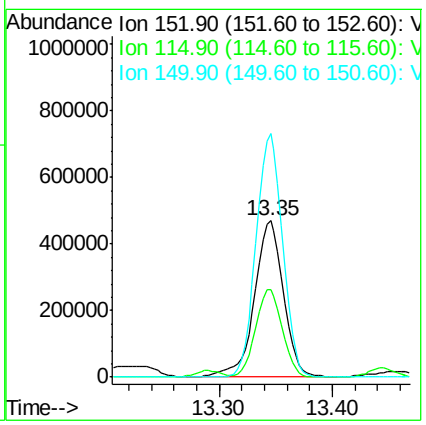


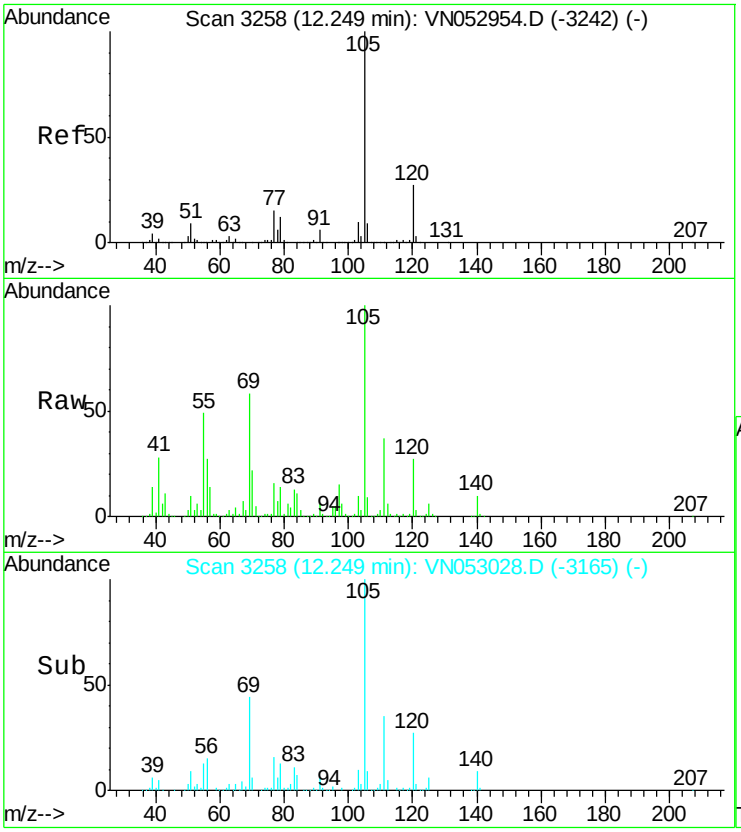


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:152 Resp: 831504

Ion	Ratio	Lower	Upper
152	100		
115	51.4	28.3	85.0
150	143.3	0.0	347.8



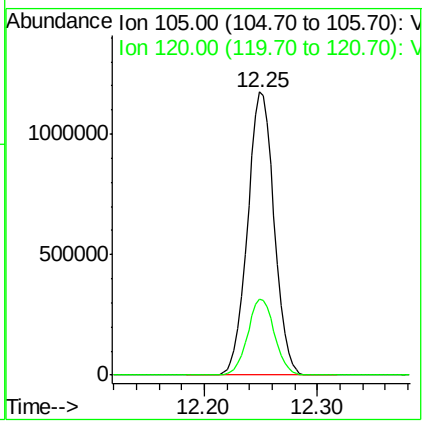


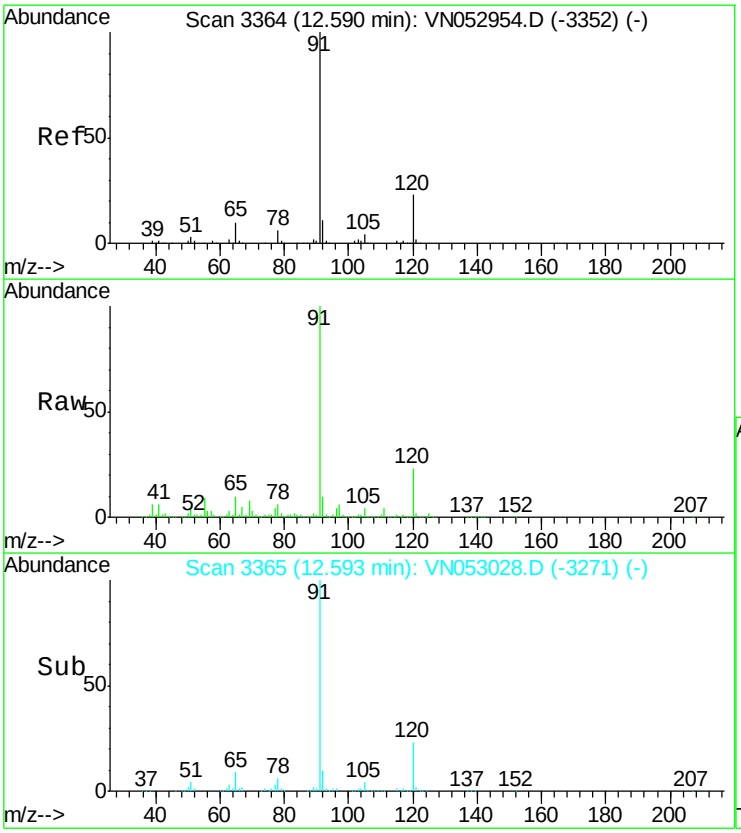
#73
Isopropylbenzene
Concen: 29.422 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:105 Resp: 1914106

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9

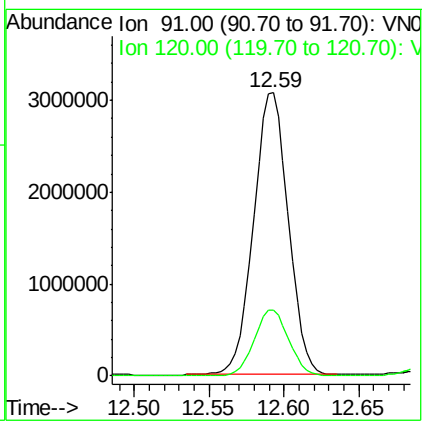


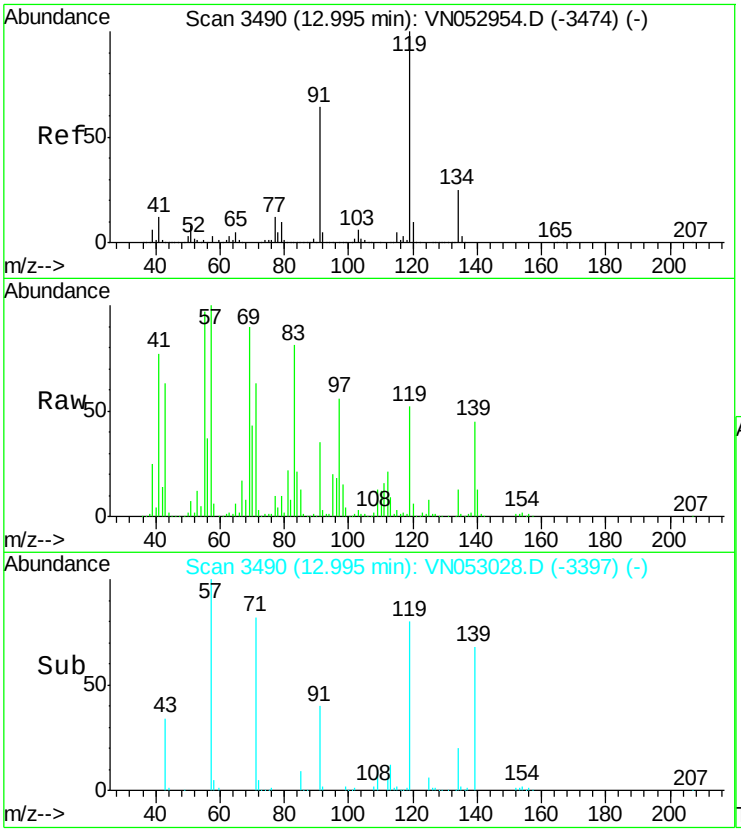


#78
n-propylbenzene
Concen: 67.037 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion: 91 Resp: 4967126

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5



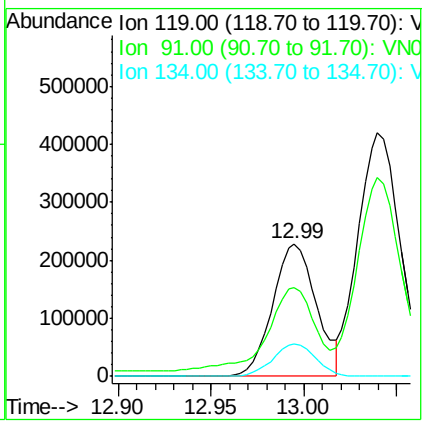


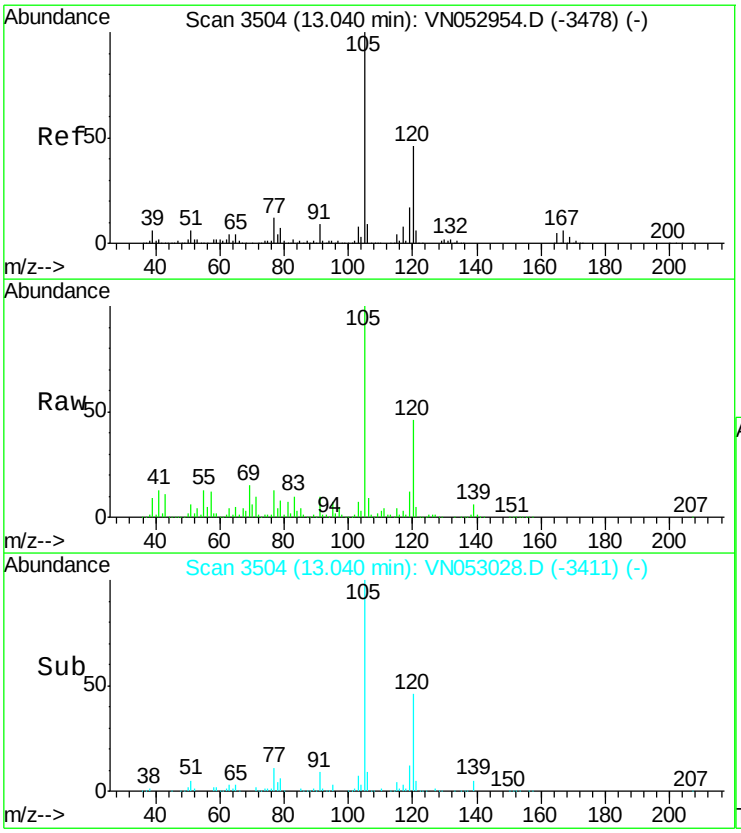
#83
tert-Butylbenzene
Concen: 7.983 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:119 Resp: 374401

Ion	Ratio	Lower	Upper
119	100		
91	67.6	31.9	95.5
134	23.9	12.8	38.4

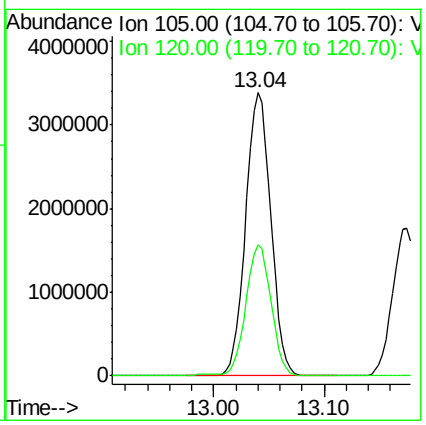


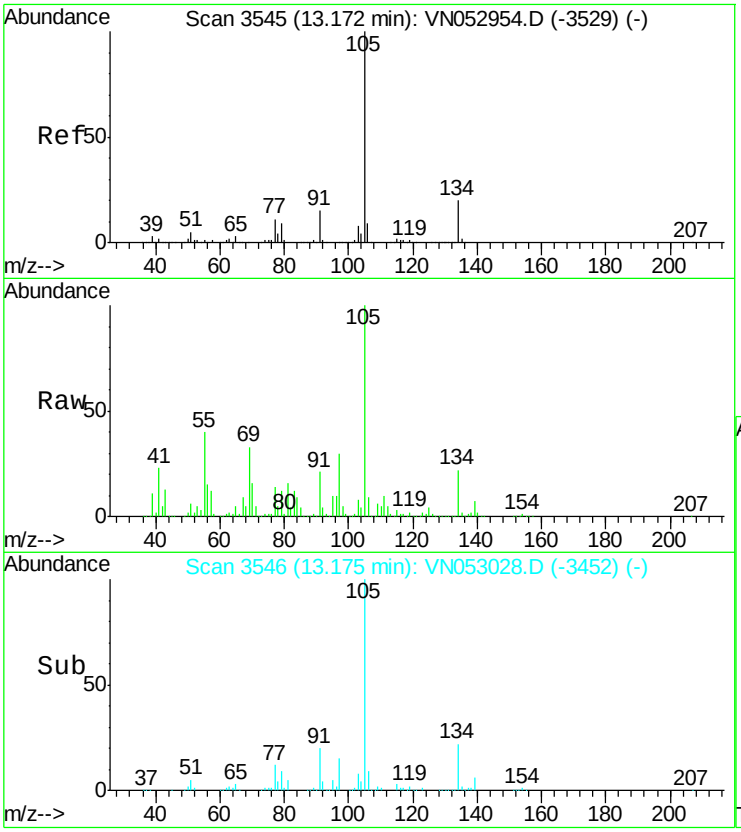


#84
1,2,4-Trimethylbenzene
Concen: 100.105 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:105 Resp: 5336391

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.8



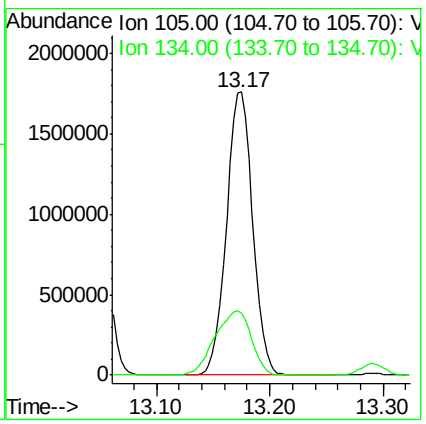


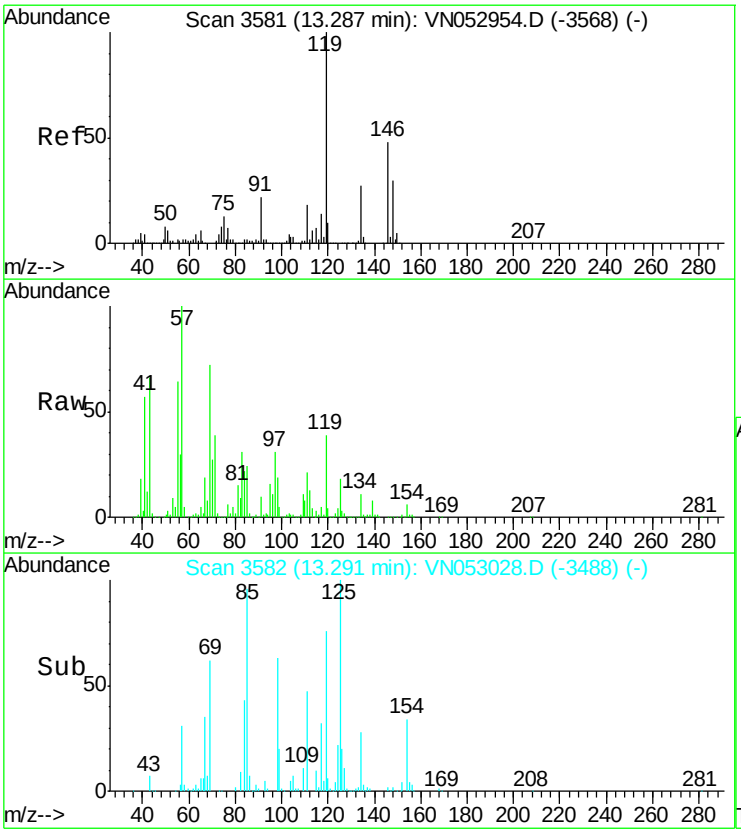
#85
sec-Butylbenzene
Concen: 44.433 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion:105 Resp: 2818552

Ion	Ratio	Lower	Upper
105	100		
134	31.8	10.1	30.3#

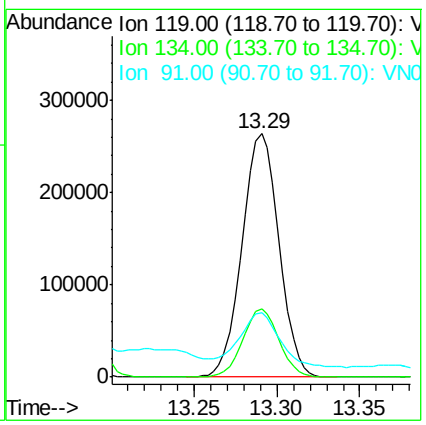


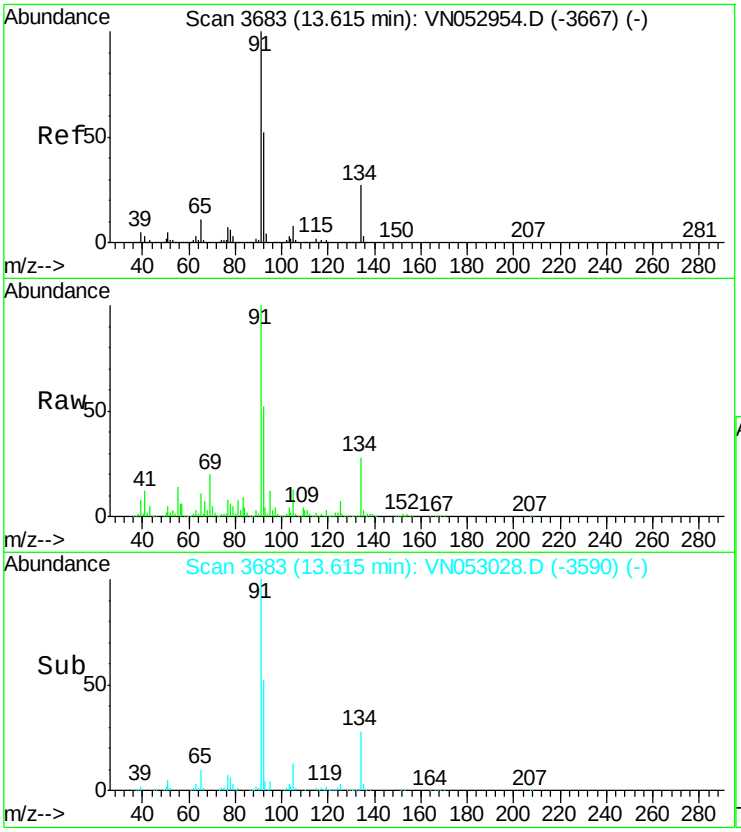


#86
p-Isopropyltoluene
Concen: 7.415 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Tgt Ion:119 Resp: 406410

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.4	40.2
91	24.6	11.1	33.3





#89
n-Butylbenzene
Concen: 55.368 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053028.D
Acq: 19 Dec 2018 23:43

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Tgt Ion: 91 Resp: 2610941

Ion	Ratio	Lower	Upper
91	100		
92	49.2	26.3	78.9
134	44.2	13.3	39.8#