Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
Data File : VN051062.D
Acq On : 7 Sep 2018 18:44
Operator : MD\SY
Sample : J4693-15DL 50X
Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-D(10-15)DL

Quant Time: Sep 10 11:32:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	675476	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1035366	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	945961	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391070	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	409046	50.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.60%				
35) Dibromofluoromethane	7.59	113	390301	47.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.76%				
50) Toluene-d8	10.09	98	1458499	47.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.72%				
62) 4-Bromofluorobenzene	12.40	95	485937	47.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.98%				
Target Compounds							Qvalue
68) m/p-Xylenes	11.63	106	16078	1.05	ug/l		81
73) Isopropylbenzene	12.25	105	110452	3.41	ug/l		100
78) n-propylbenzene	12.59	91	297668	8.23	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	421910	16.15	ug/l		100
83) tert-Butylbenzene	12.99	119	27978	1.24	ug/l		91
84) 1,2,4-Trimethylbenzene	13.04	105	1603595	61.01	ug/l		100
85) sec-Butylbenzene	13.17	105	191584	6.46	ug/l	#	66
86) p-Isopropyltoluene	13.29	119	162641	6.44	ug/l		99
89) n-Butylbenzene	13.61	91	123845	6.13	ug/l	#	77

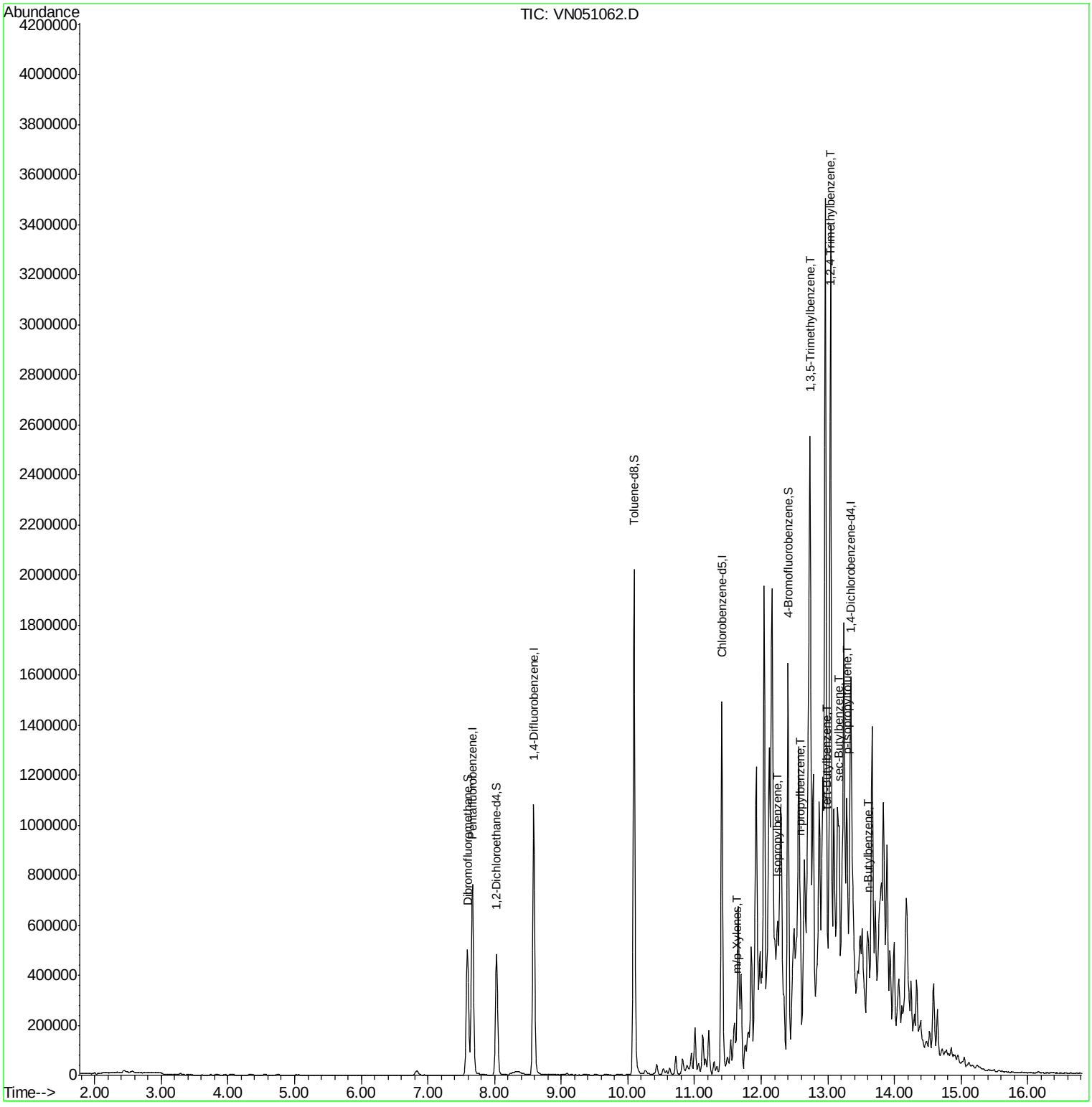
(#) = qualifier out of range (m) = manual integration (+) = signals summed

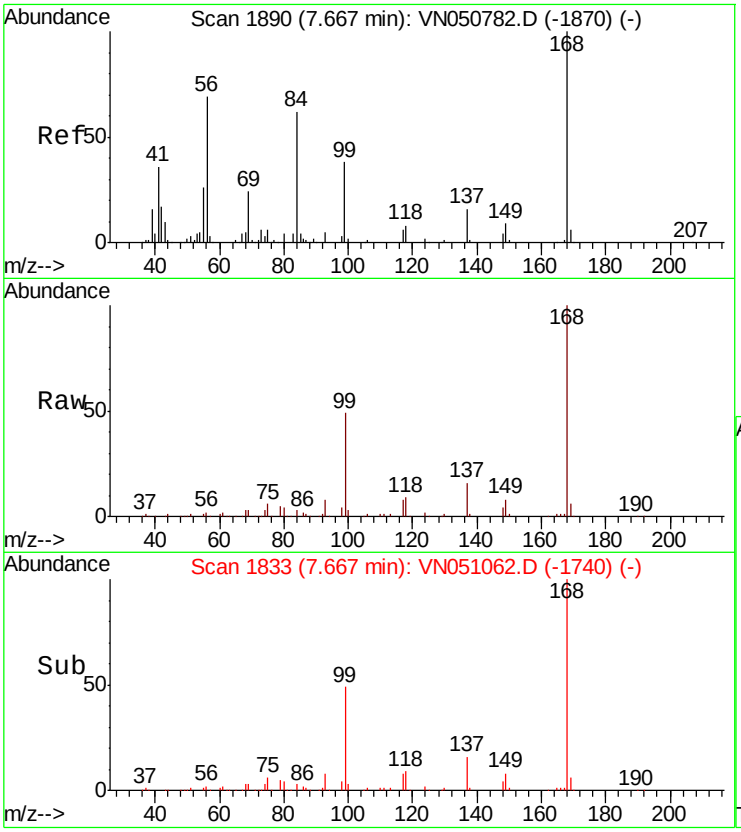
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
Data File : VN051062.D
Acq On : 7 Sep 2018 18:44
Operator : MD\SY
Sample : J4693-15DL 50X
Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Quant Time: Sep 10 11:32:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration



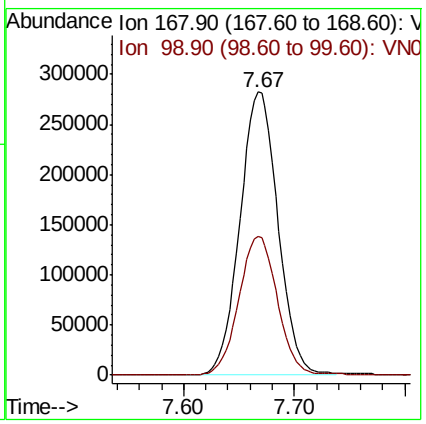


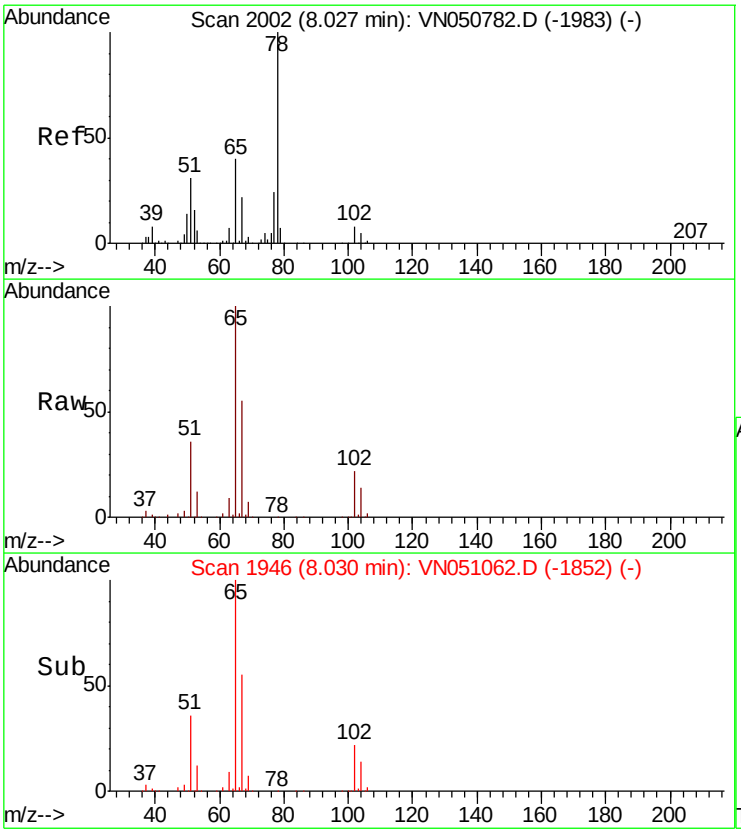
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:168 Resp: 675476

Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.6	59.4

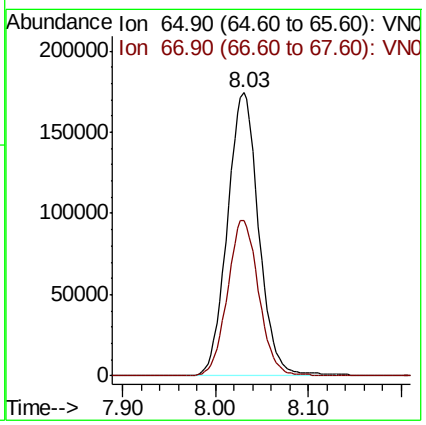


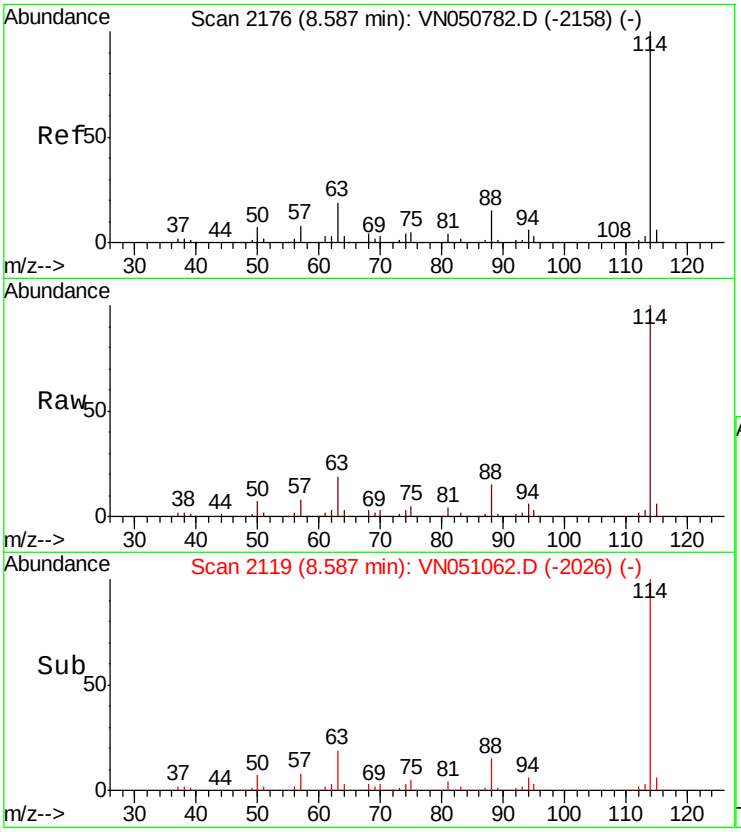


#33
1,2-Dichloroethane-d4
Concen: 50.30 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion: 65 Resp: 409046

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.4



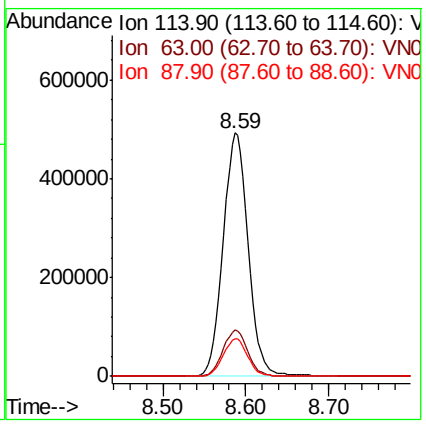


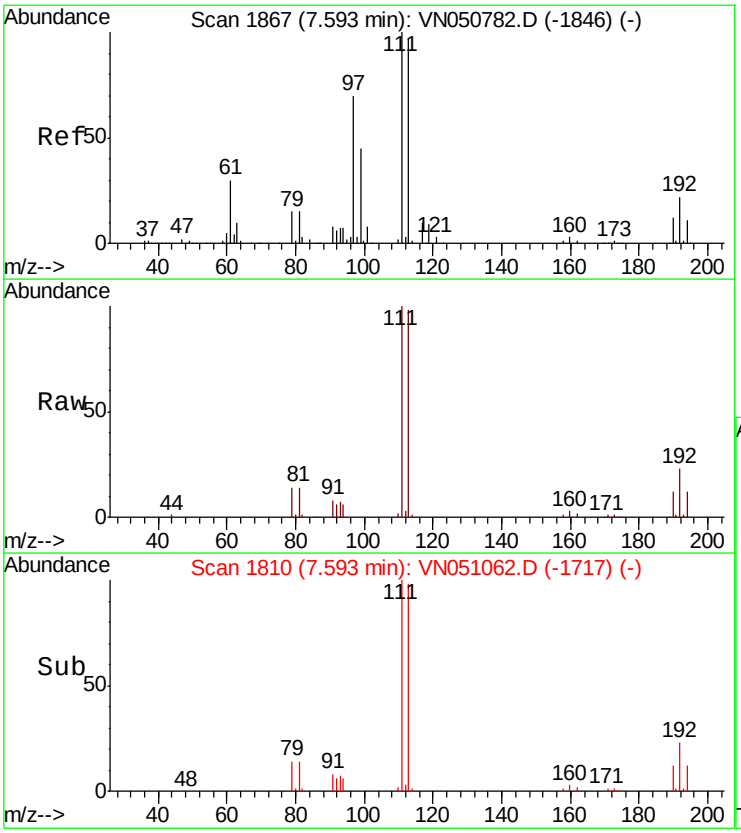
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:114 Resp: 1035366

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.3	0.0	30.6

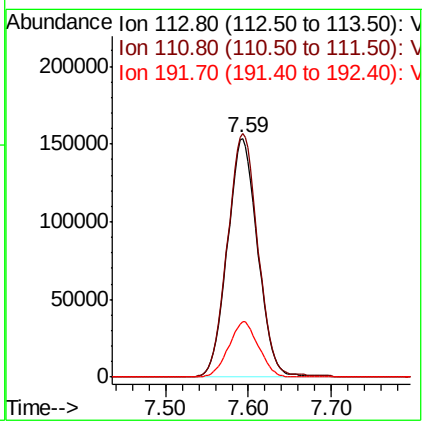


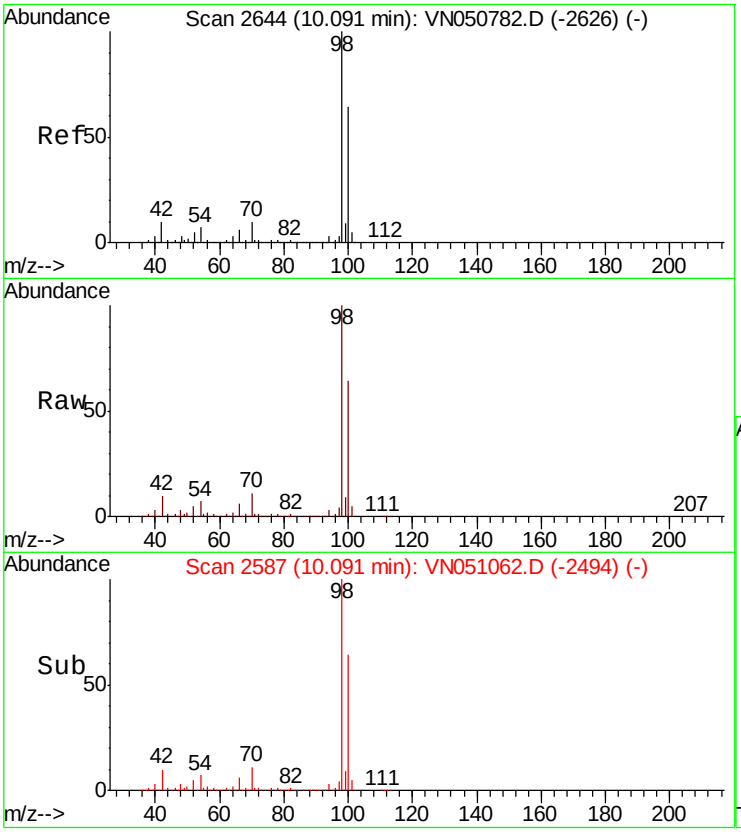


#35
Dibromofluoromethane
Concen: 47.38 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:113 Resp: 390301

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	23.0	18.0	27.0



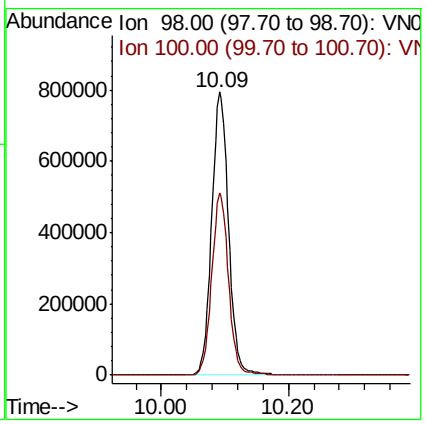


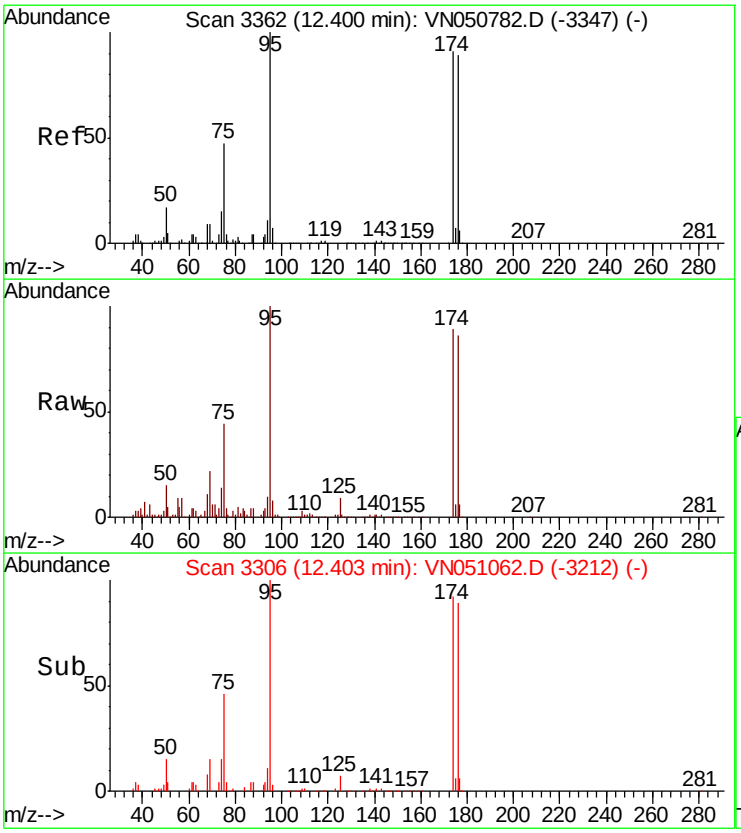
#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion: 98 Resp: 1458499

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

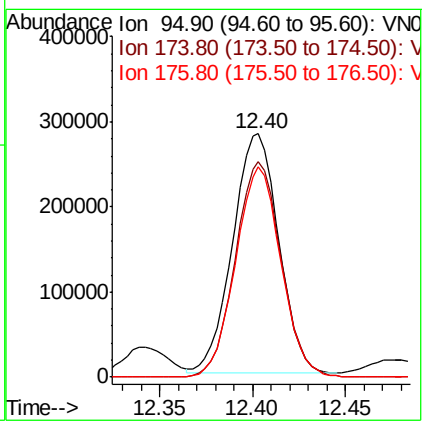


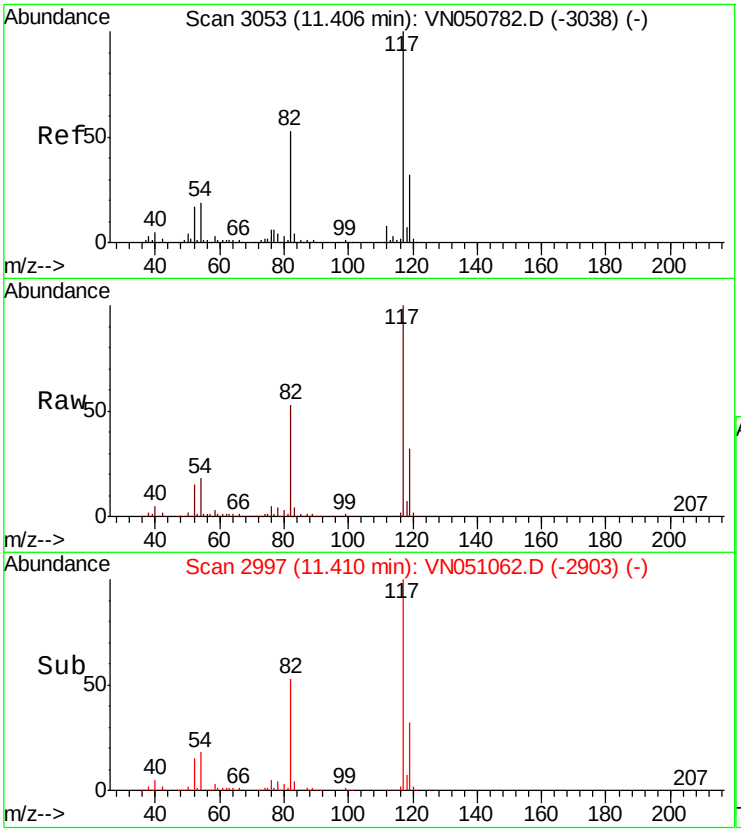


#62
4-Bromofluorobenzene
Concen: 47.49 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion: 95 Resp: 485937

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	183.0
176	86.6	0.0	178.8



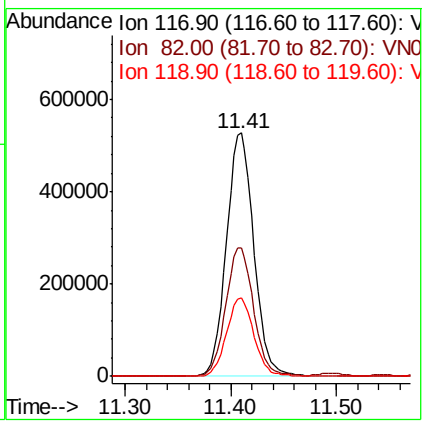


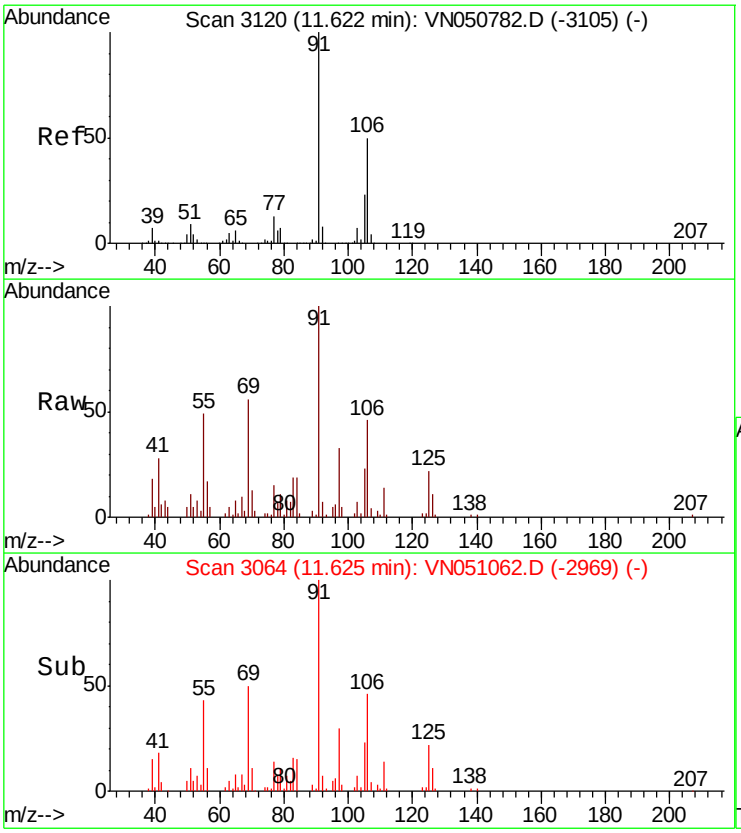
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:117 Resp: 945961

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	32.3	25.8	38.6

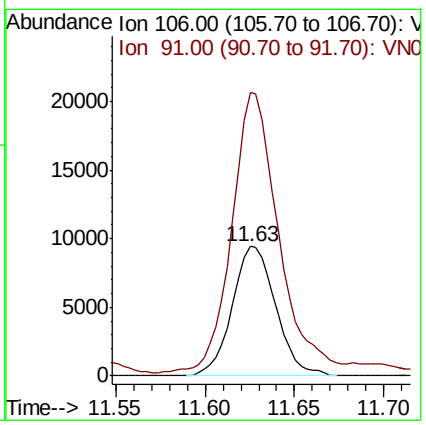


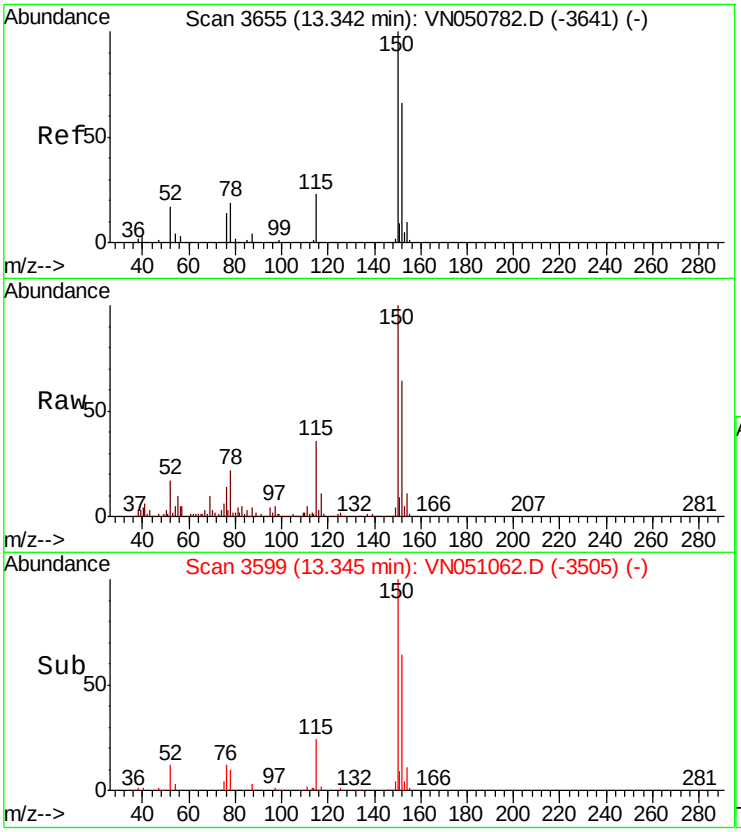


#68
m/p-Xylenes
Concen: 1.05 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:106 Resp: 16078

Ion	Ratio	Lower	Upper
106	100		
91	230.8	161.0	241.6



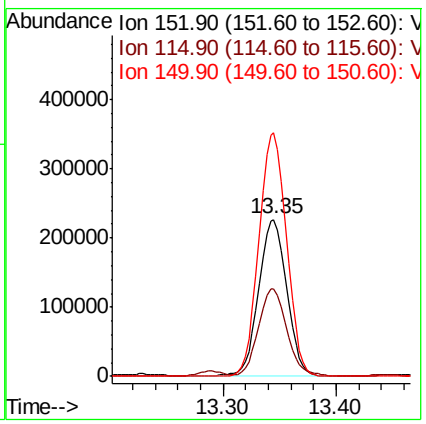


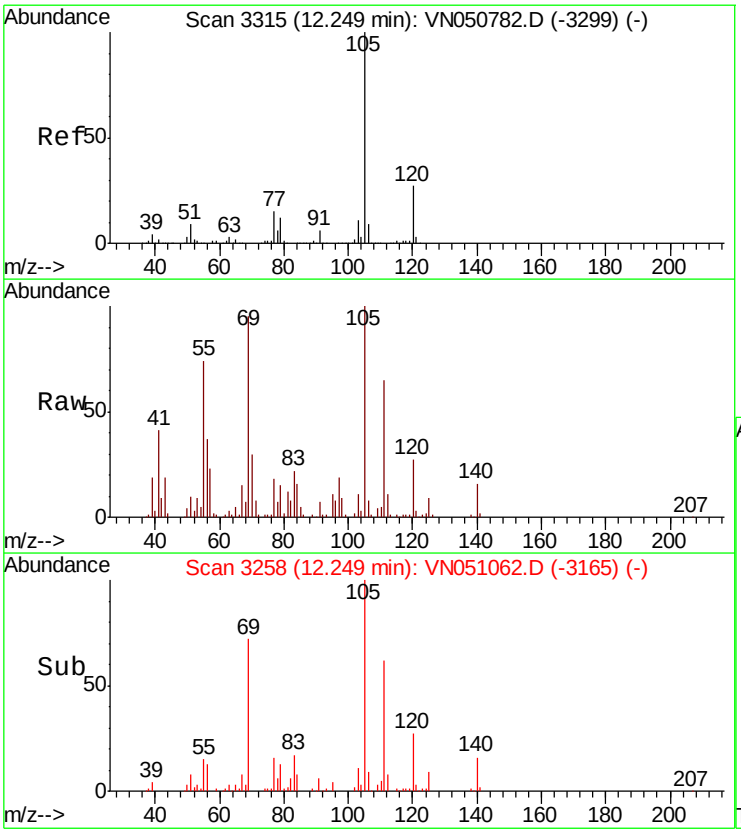
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:152 Resp: 391070

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.4
150	152.9	0.0	351.4

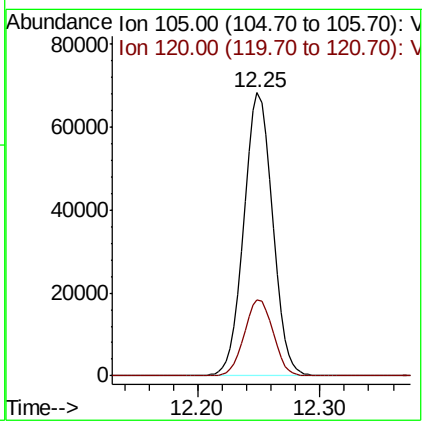


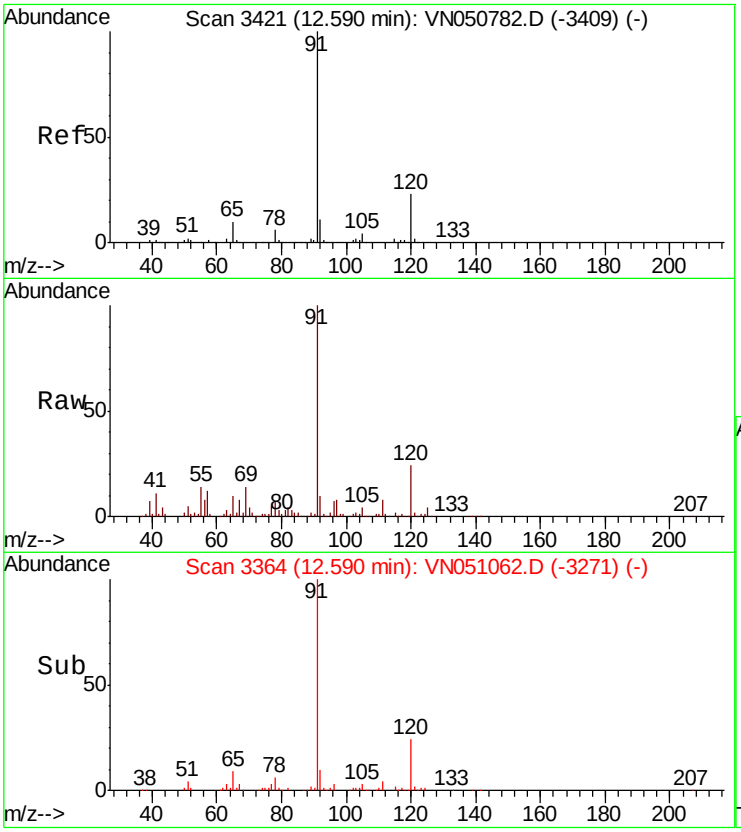


#73
Isopropylbenzene
Concen: 3.41 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:105 Resp: 110452

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4



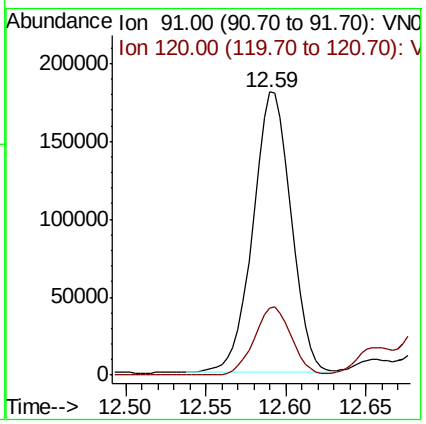


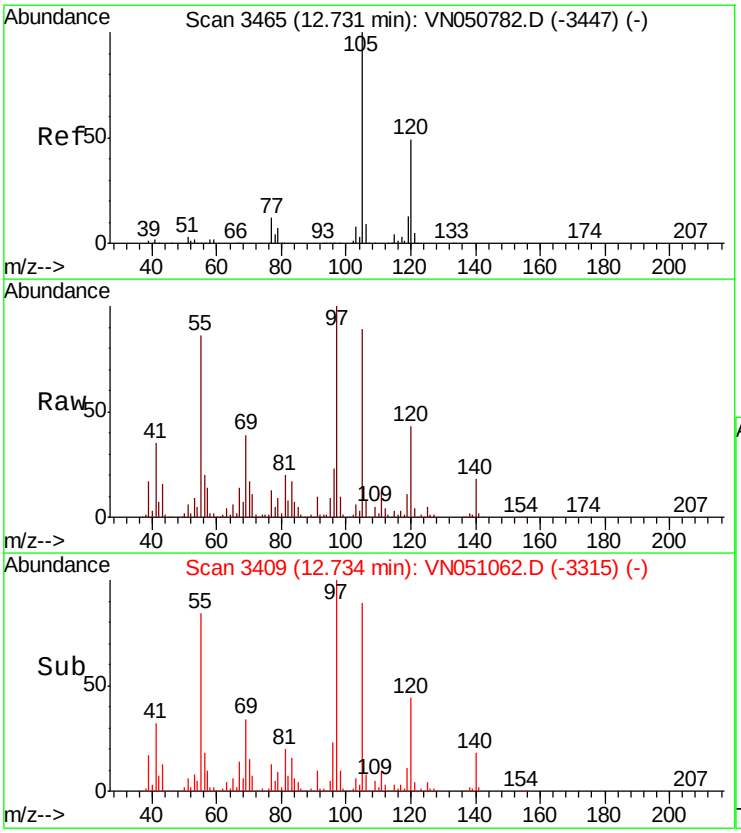
#78
n-propylbenzene
Concen: 8.23 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion: 91 Resp: 297668

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.7	35.0

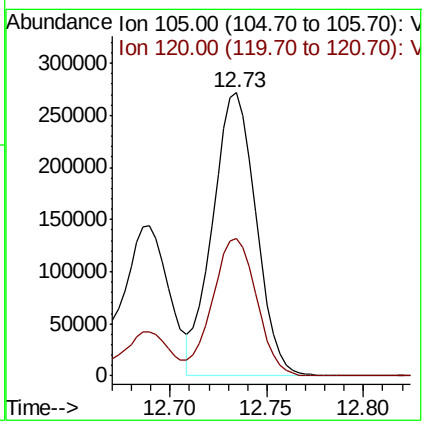


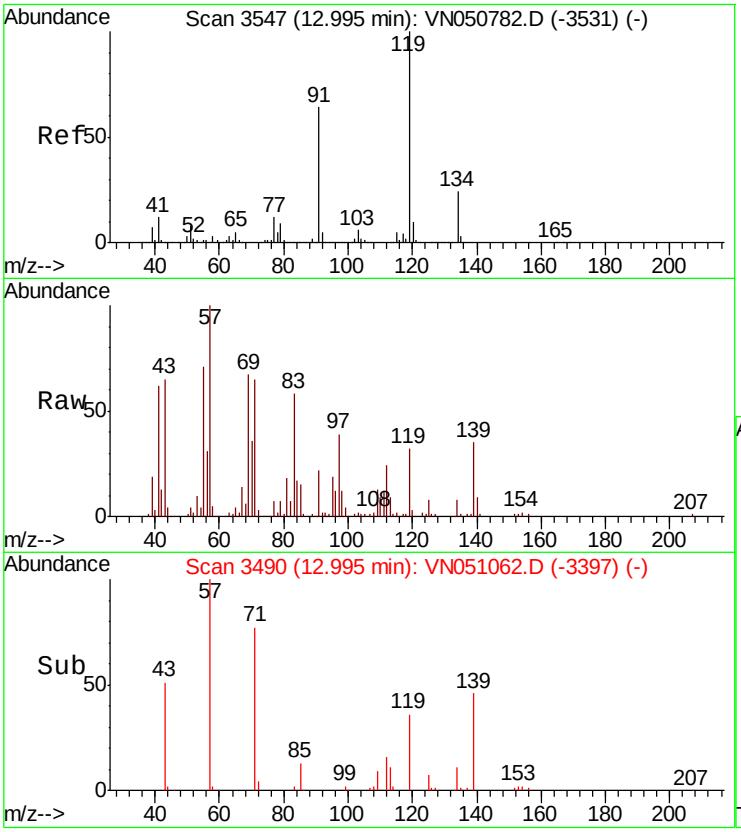


#80
1,3,5-Trimethylbenzene
Concen: 16.15 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:105 Resp: 421910

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.6	74.0



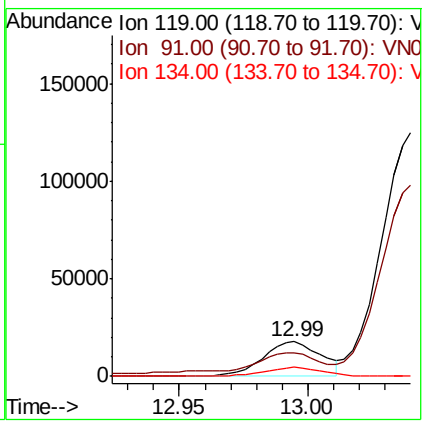


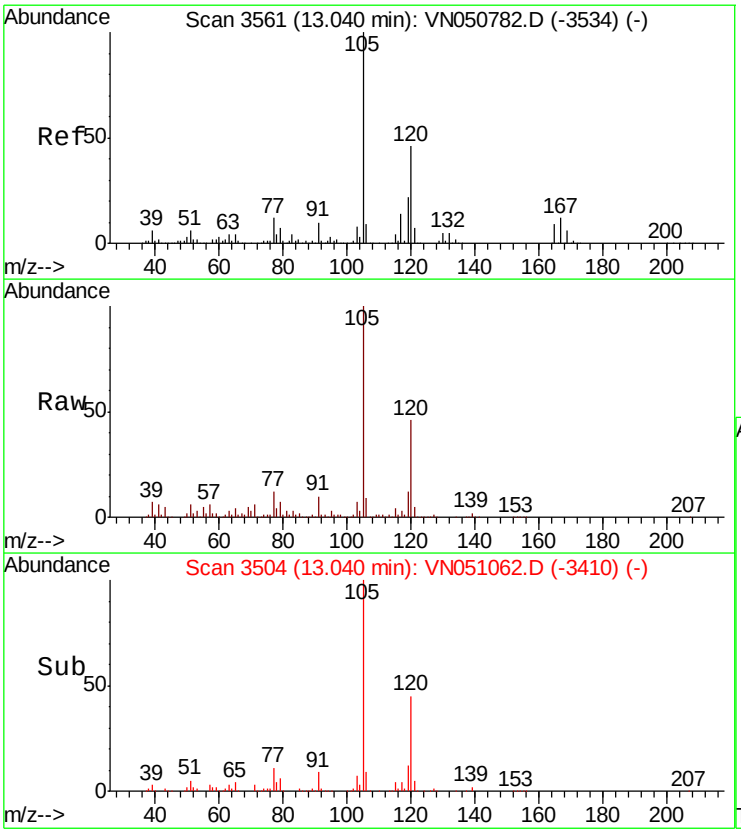
#83
tert-Butylbenzene
Concen: 1.24 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:119 Resp: 27978

Ion	Ratio	Lower	Upper
119	100		
91	72.6	31.6	94.7
134	25.8	13.4	40.1

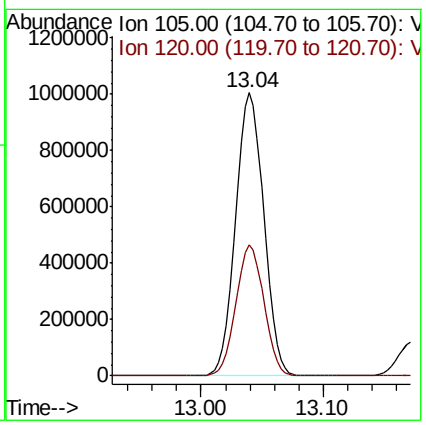


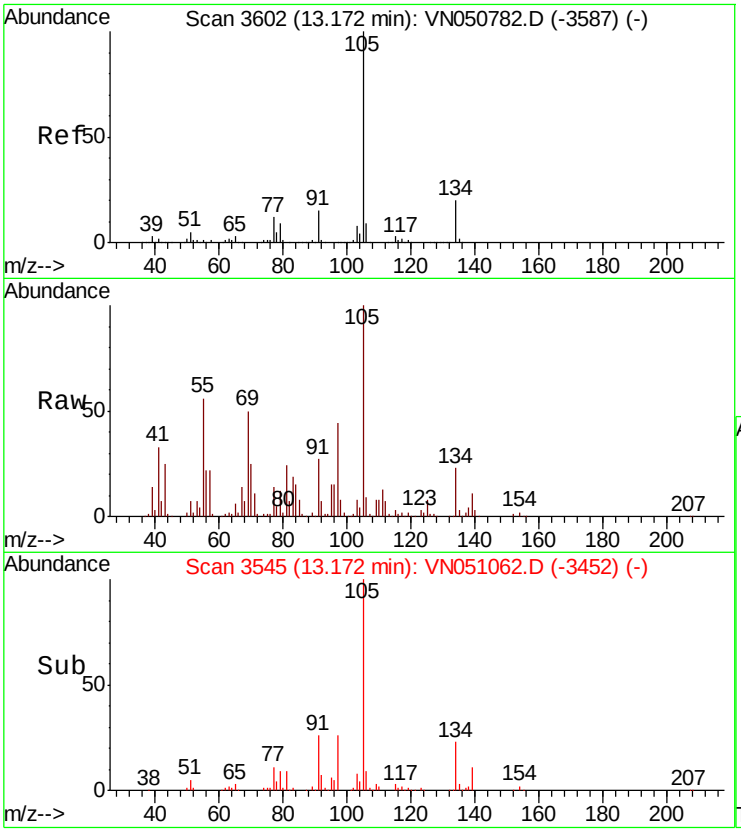


#84
1,2,4-Trimethylbenzene
Concen: 61.01 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:105 Resp: 1603595

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8



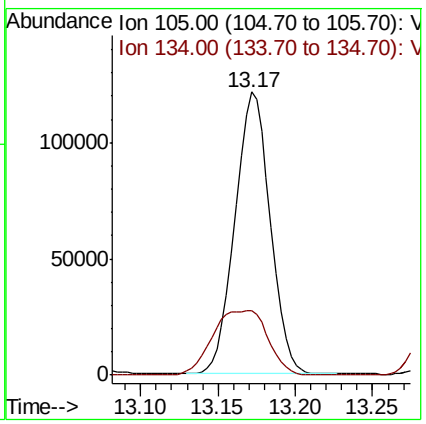


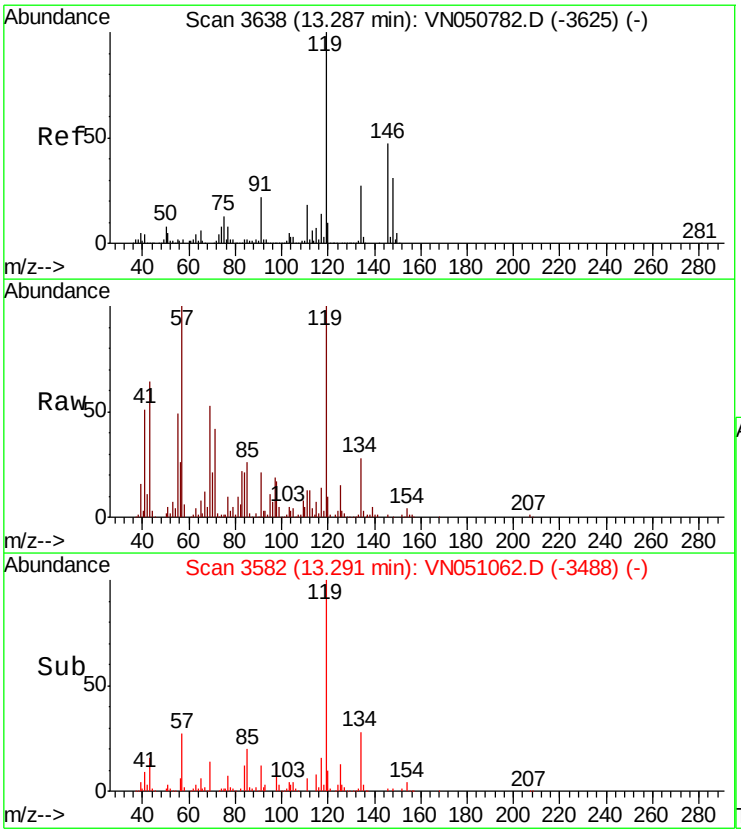
#85
sec-Butylbenzene
Concen: 6.46 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion:105 Resp: 191584

Ion	Ratio	Lower	Upper
105	100		
134	36.1	10.3	30.8#

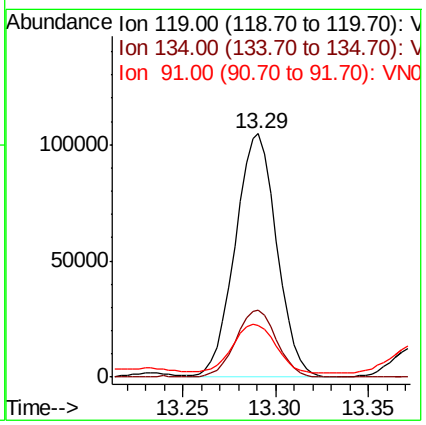


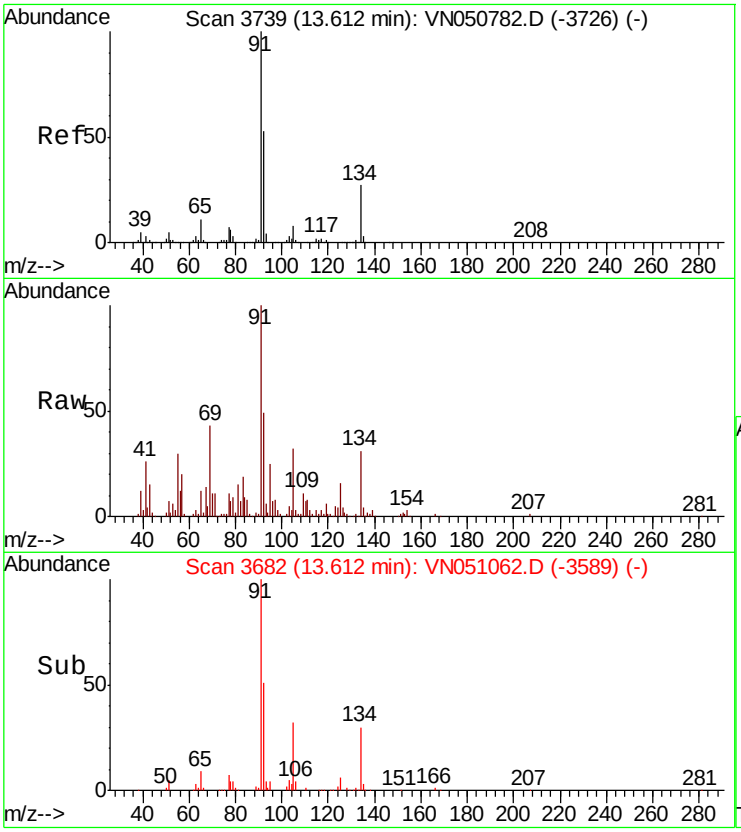


#86
p-Isopropyltoluene
Concen: 6.44 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Tgt Ion:119 Resp: 162641

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.7	41.0
91	21.3	11.2	33.5





#89
n-Butylbenzene
Concen: 6.13 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051062.D
Acq: 7 Sep 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(10-15)DL

Tgt Ion: 91 Resp: 123845

Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.1	78.2
134	0.0	13.2	39.6#