Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
Data File : VN059373.D
Acq On : 22 Nov 2019 18:20
Operator : JC/SP
Sample : K5957-06DL 50X
Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3-(17-20)DL

Quant Time: Nov 22 19:02:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	362105	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	551797	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	480821	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	201335	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	204253	47.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.02%				
35) Dibromofluoromethane	7.57	113	165240	49.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.82%				
50) Toluene-d8	10.08	98	667785	50.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.48%				
62) 4-Bromofluorobenzene	12.40	95	238214	51.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.54%				
Target Compounds							Qvalue
39) Methylcyclohexane	9.07	83	8922	1.299	ug/l		94
67) Ethyl Benzene	11.51	91	18309	0.992	ug/l		98
68) m/p-Xylenes	11.62	106	20926	3.051	ug/l		97
73) Isopropylbenzene	12.25	105	69719	4.227	ug/l		99
78) n-propylbenzene	12.59	91	198081	10.603	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	449732	32.437	ug/l		99
83) tert-Butylbenzene	12.99	119	16193	1.383	ug/l		80
84) 1,2,4-Trimethylbenzene	13.04	105	1196503	88.098	ug/l		99
85) sec-Butylbenzene	13.17	105	140662	8.938	ug/l	#	64
86) p-Isopropyltoluene	13.29	119	90127	6.435	ug/l		99
89) n-Butylbenzene	13.62	91	119141	9.698	ug/l	#	73

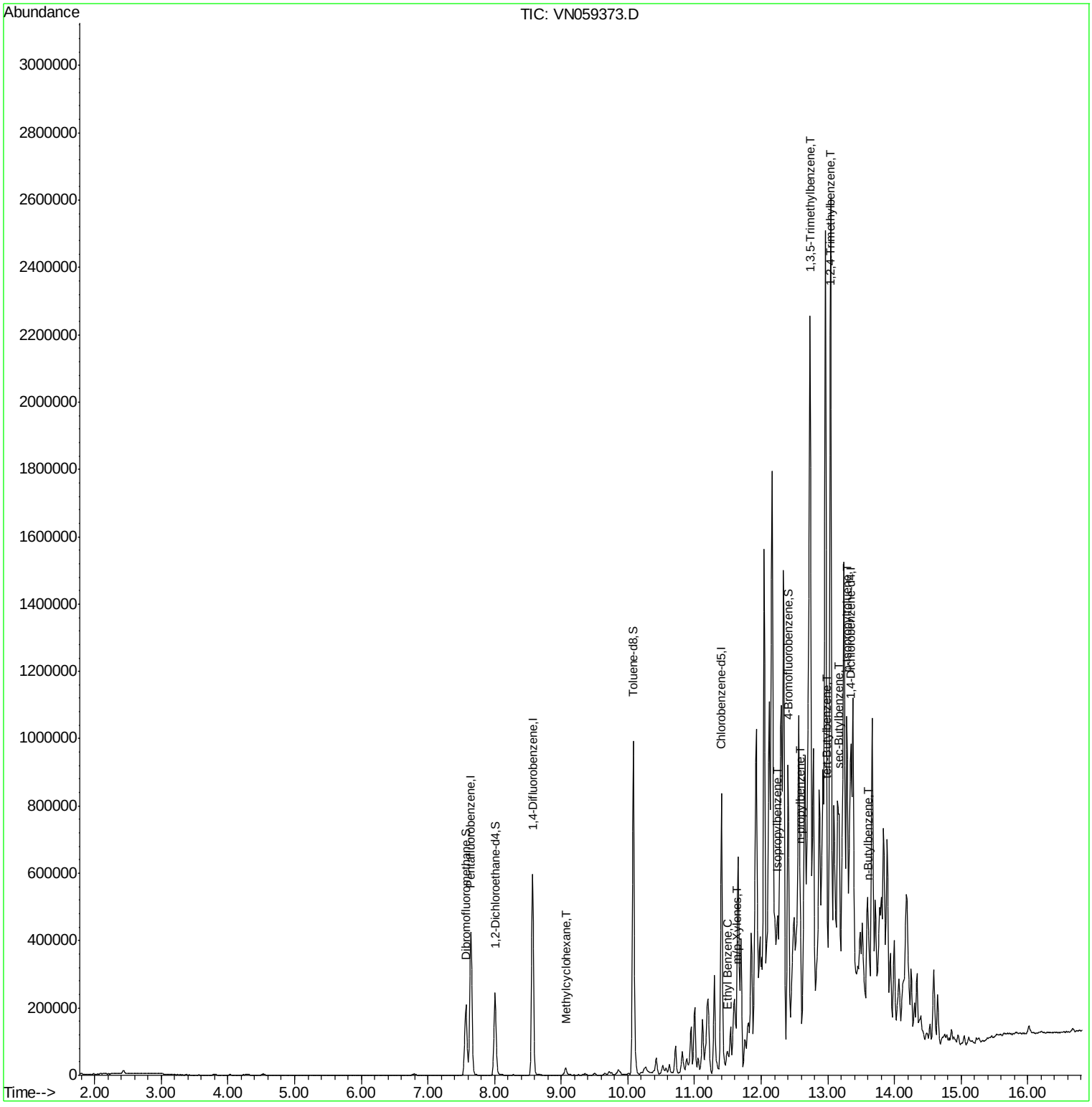
(#) = qualifier out of range (m) = manual integration (+) = signals summed

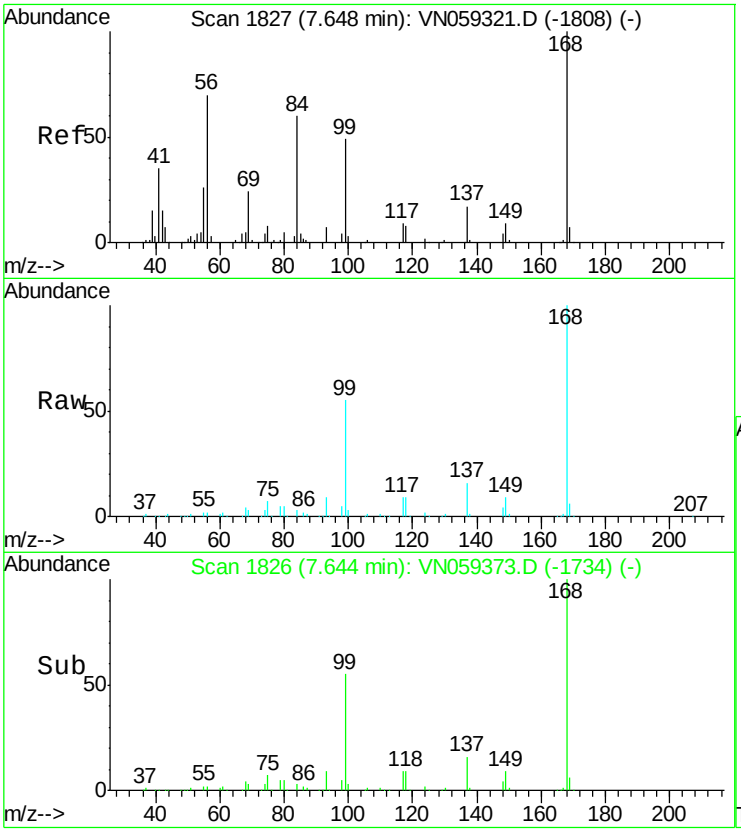
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
Data File : VN059373.D
Acq On : 22 Nov 2019 18:20
Operator : JC/SP
Sample : K5957-06DL 50X
Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Quant Time: Nov 22 19:02:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration



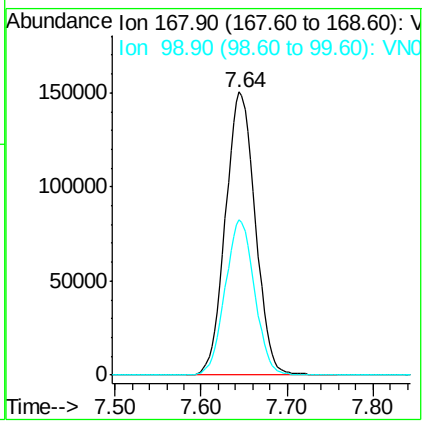


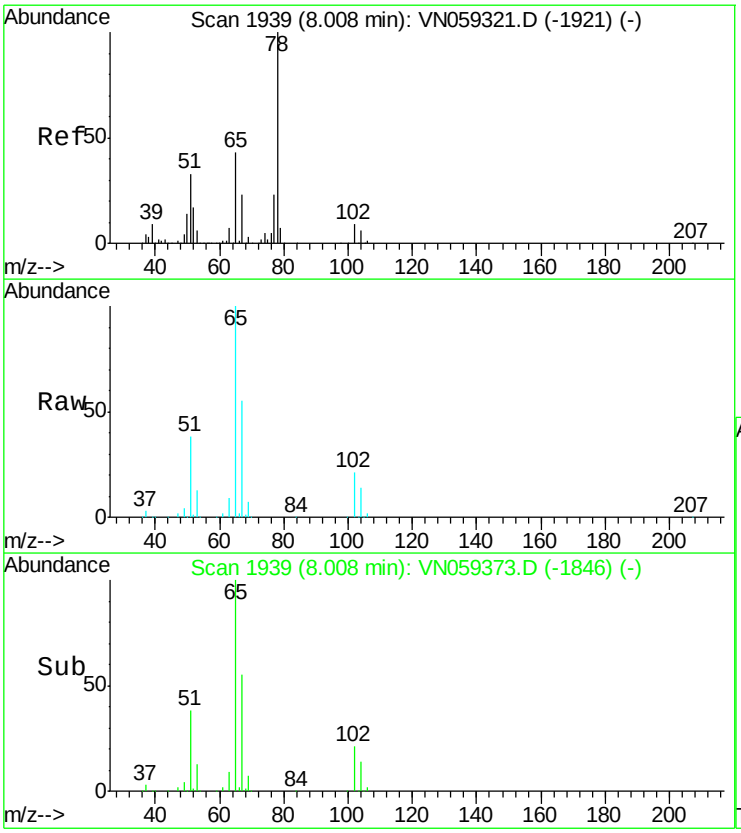
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion:168 Resp: 362105

Ion	Ratio	Lower	Upper
168	100		
99	54.9	44.6	66.8

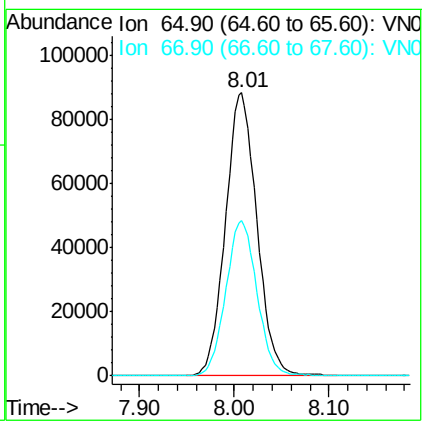


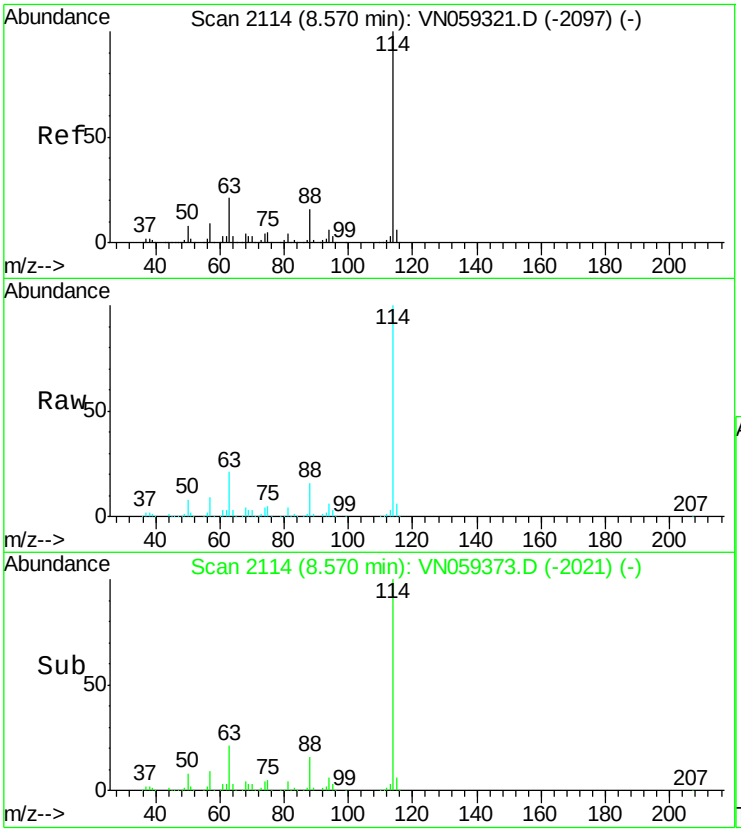


#33
1,2-Dichloroethane-d4
Concen: 47.012 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 65 Resp: 204253

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.4



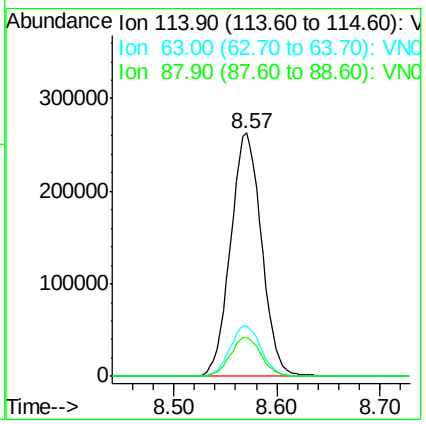


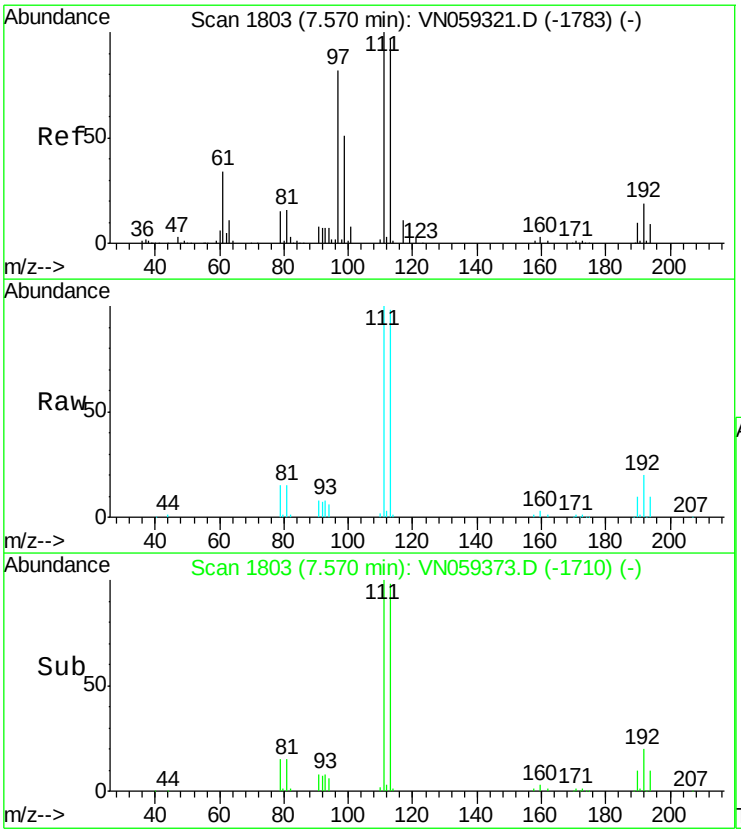
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion:114 Resp: 551797

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.2
88	16.0	0.0	32.2

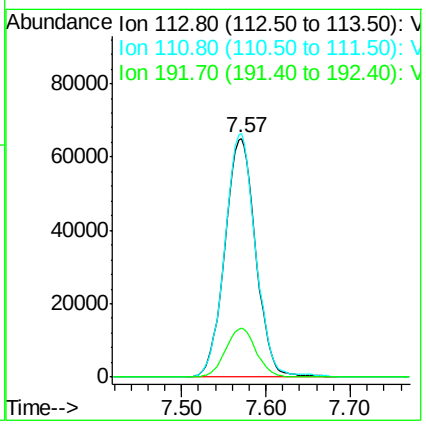


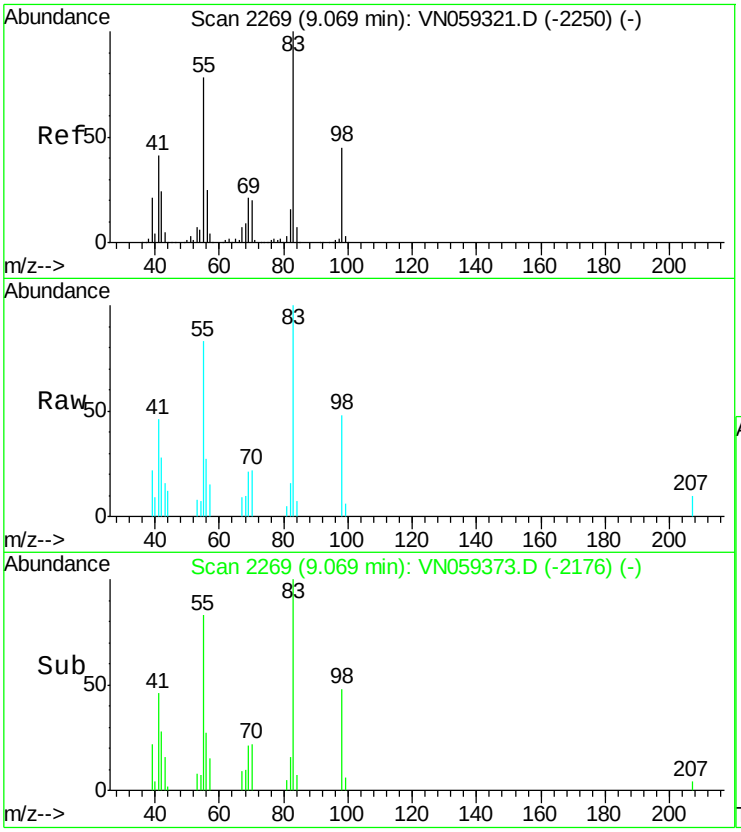


#35
Dibromofluoromethane
Concen: 49.914 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:113 Resp: 165240

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.7	124.1
192	20.2	16.3	24.5



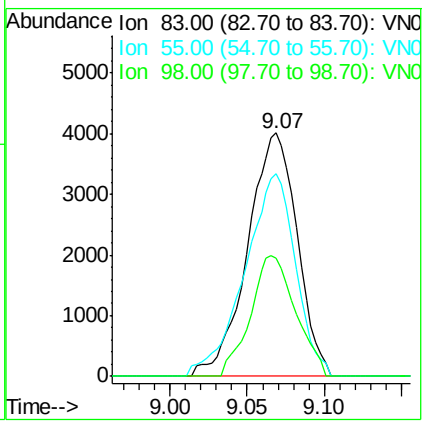


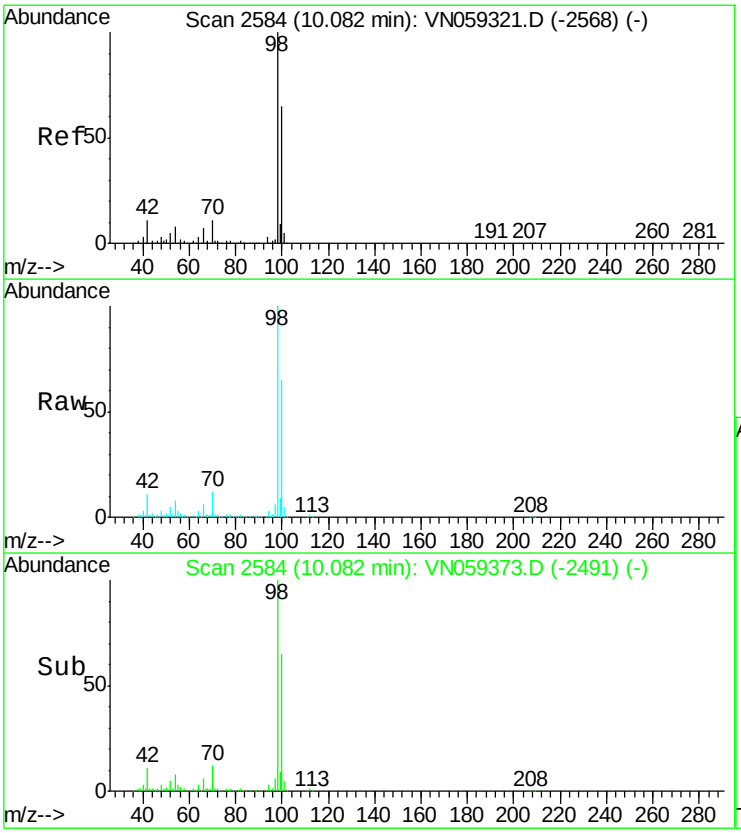
#39
Methylcyclohexane
Concen: 1.299 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 83 Resp: 8922

Ion	Ratio	Lower	Upper
83	100		
55	83.1	62.3	93.5
98	48.4	36.0	54.0

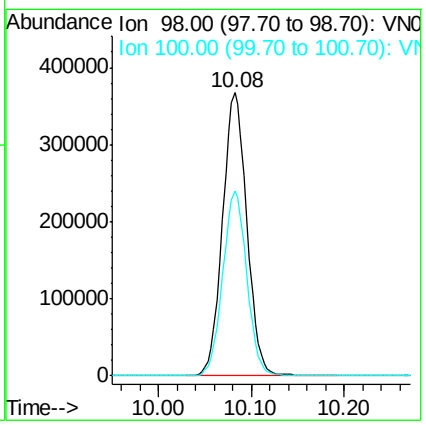


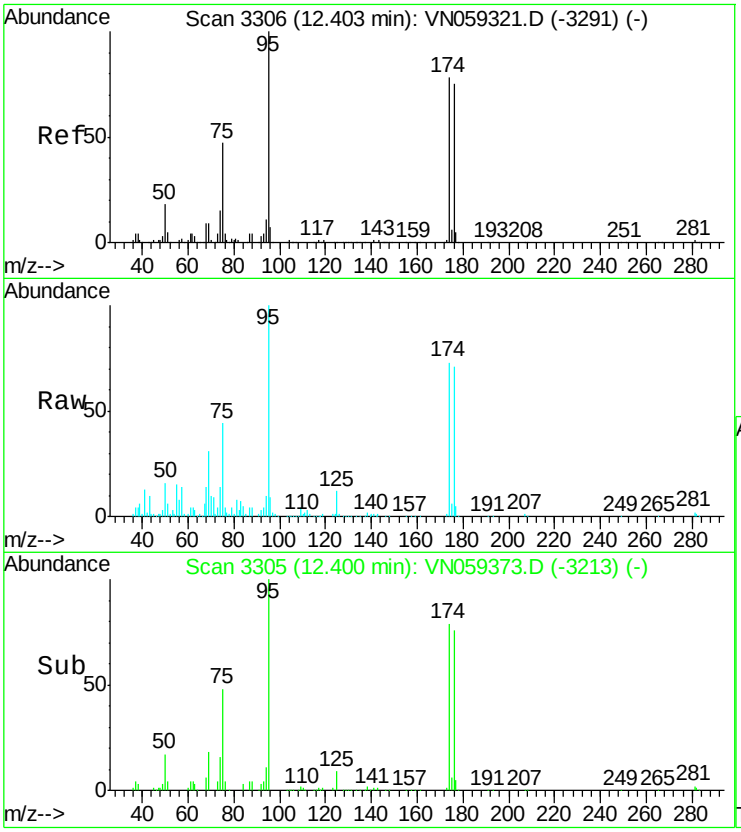


#50
Toluene-d8
Concen: 50.741 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion: 98 Resp: 667785

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5



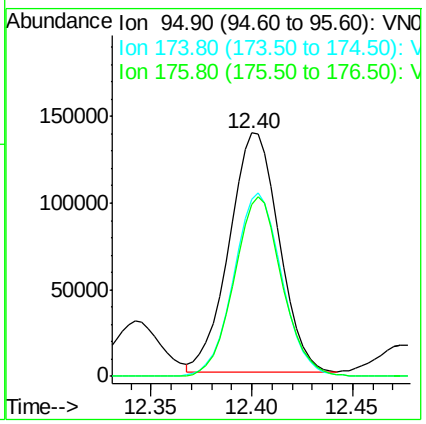


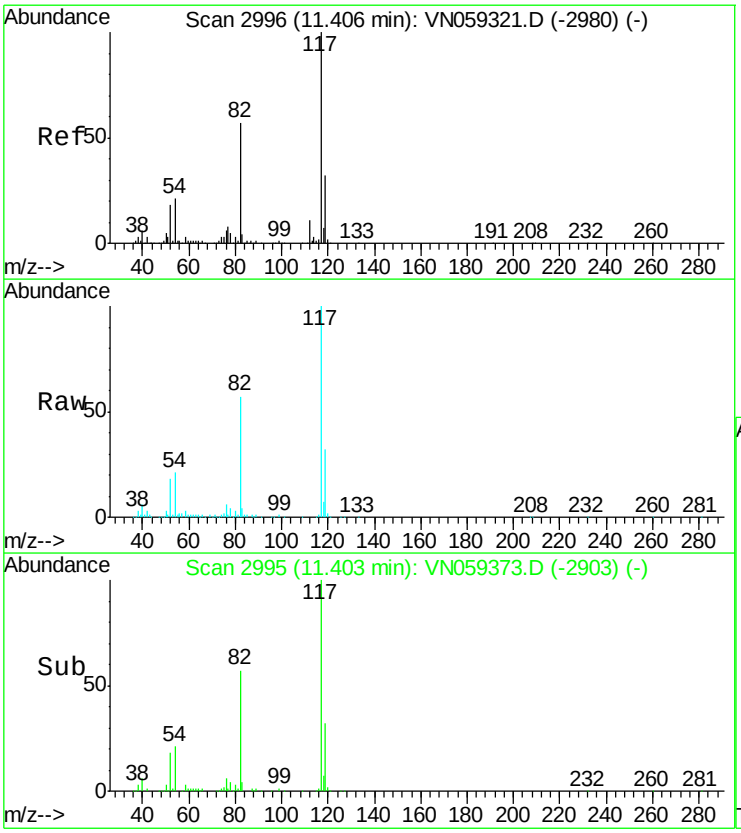
#62
4-Bromofluorobenzene
Concen: 51.767 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 95 Resp: 238214

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	157.4
176	72.5	0.0	151.2

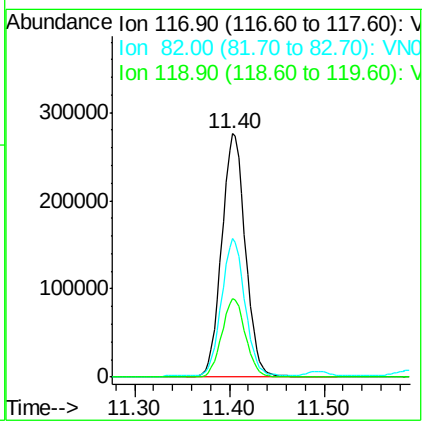


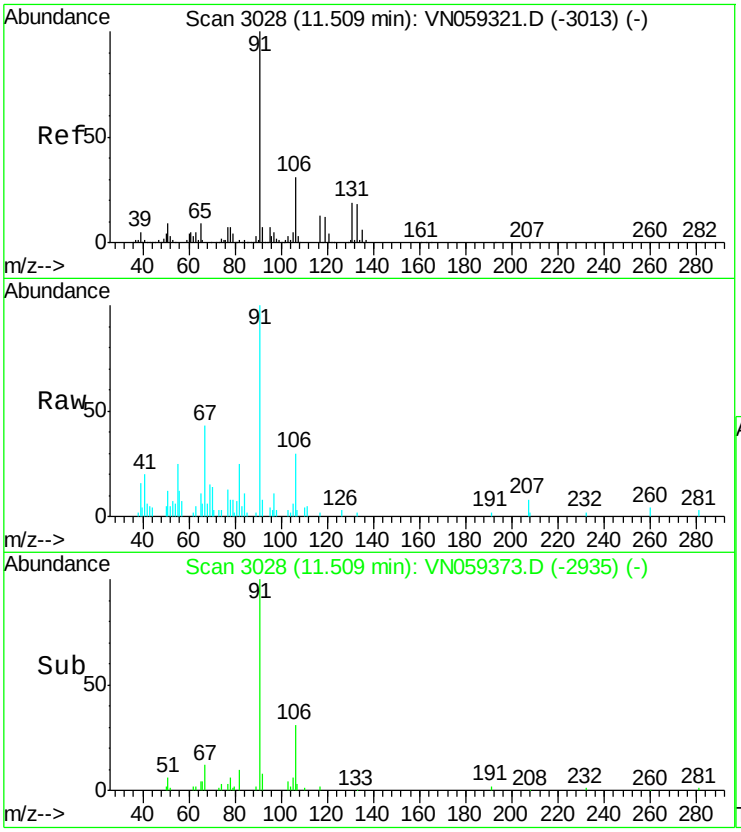


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:117 Resp: 480821

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.7	68.5
119	32.2	25.8	38.6



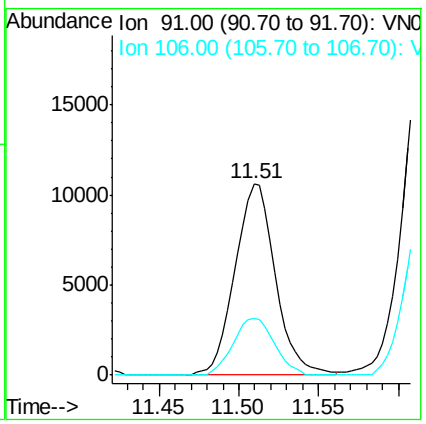


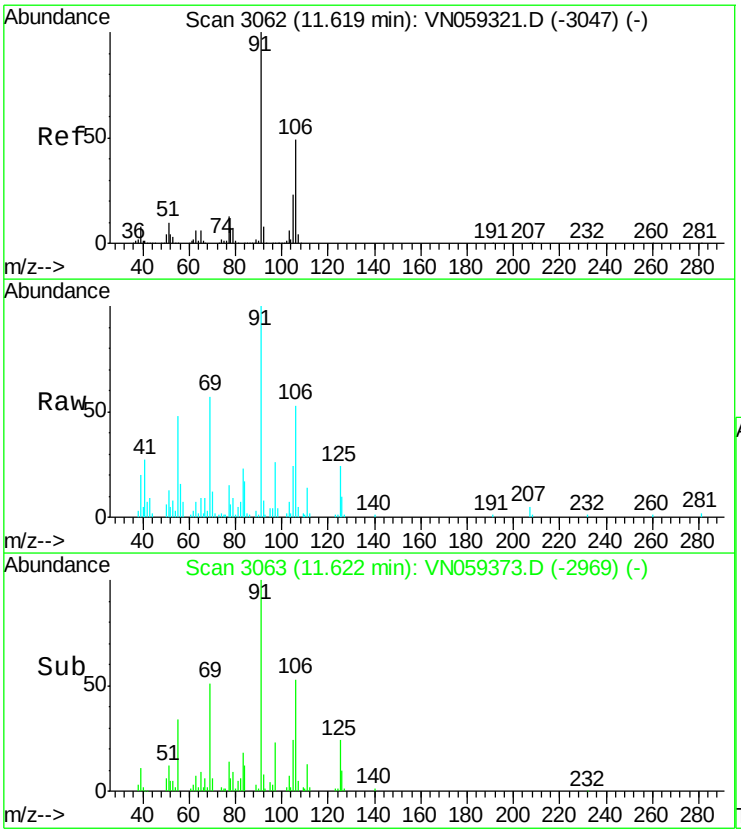
#67
Ethyl Benzene
Concen: 0.992 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 91 Resp: 18309

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.6	37.0

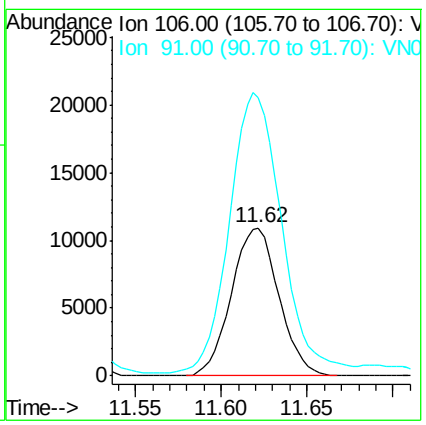


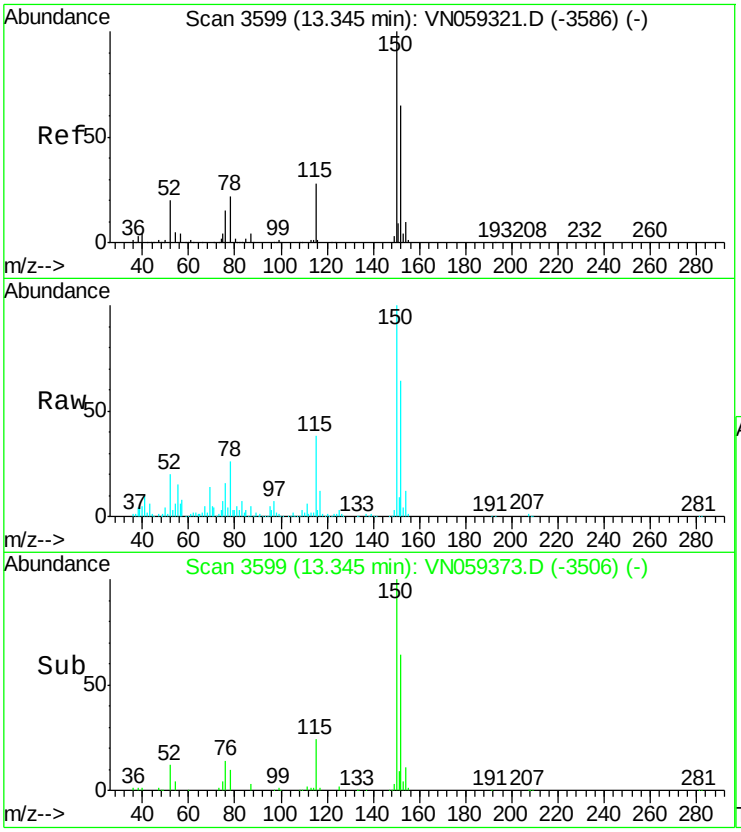


#68
m/p-Xylenes
Concen: 3.051 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:106 Resp: 20926

Ion	Ratio	Lower	Upper
106	100		
91	208.1	163.2	244.8



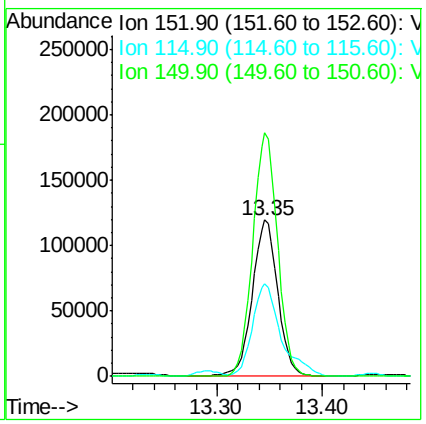


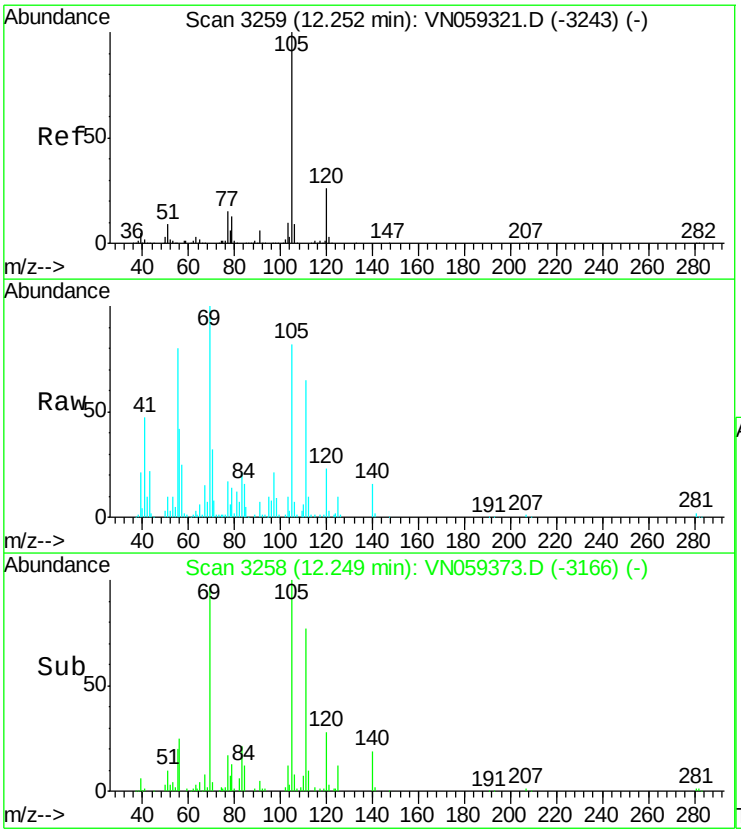
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion:152 Resp: 201335

Ion	Ratio	Lower	Upper
152	100		
115	65.8	29.3	88.0
150	152.1	0.0	346.0

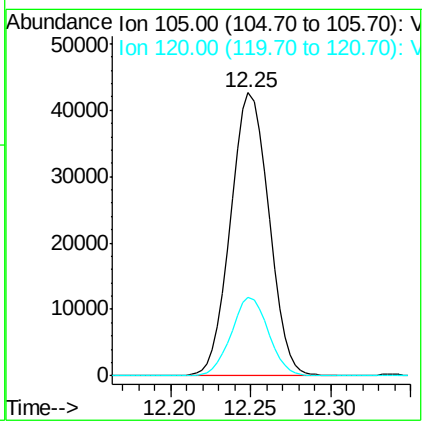


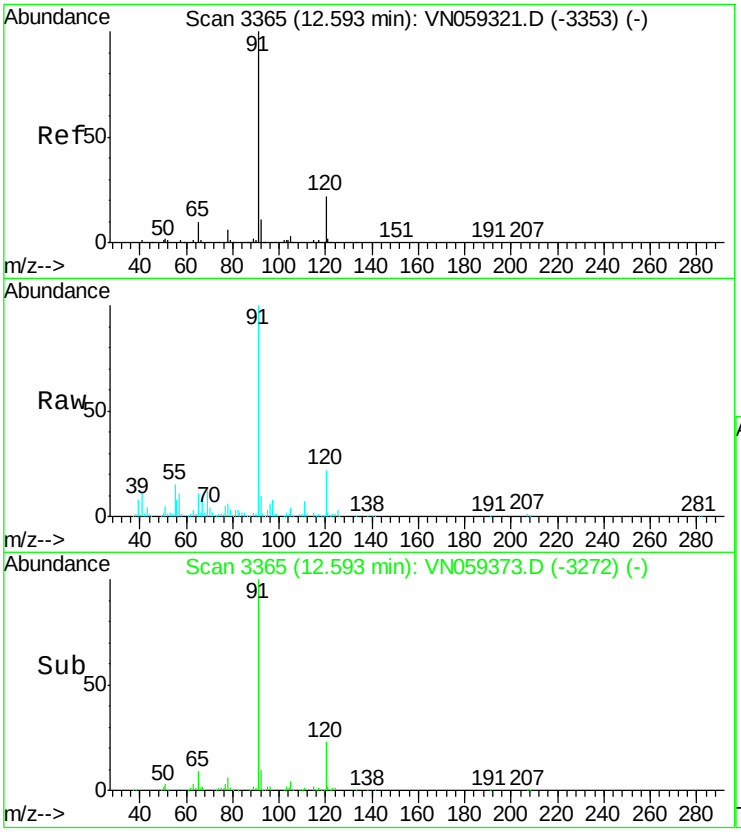


#73
Isopropylbenzene
Concen: 4.227 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:105 Resp: 69719

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.1	39.3



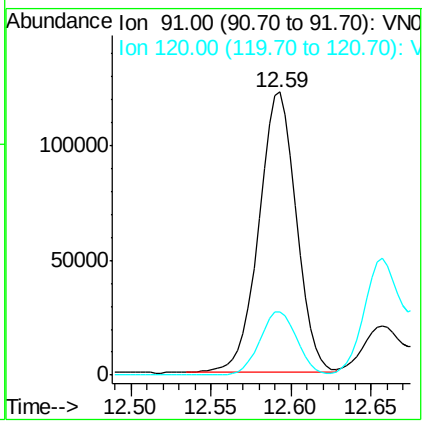


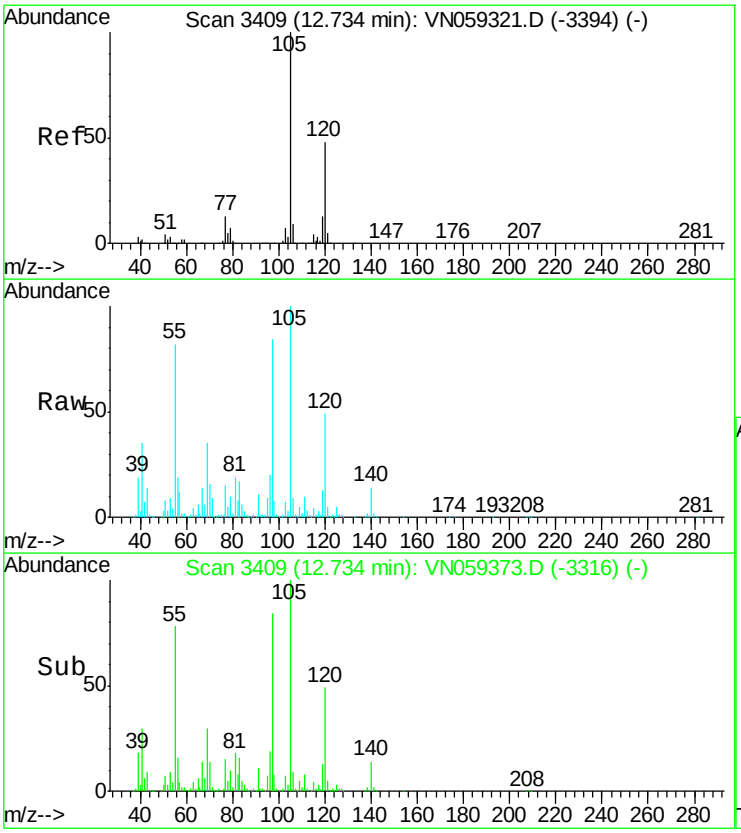
#78
n-propylbenzene
Concen: 10.603 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 91 Resp: 198081

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9

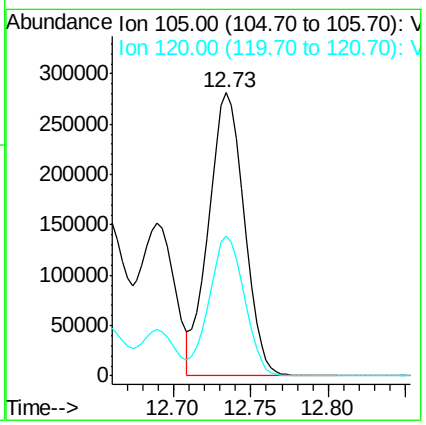


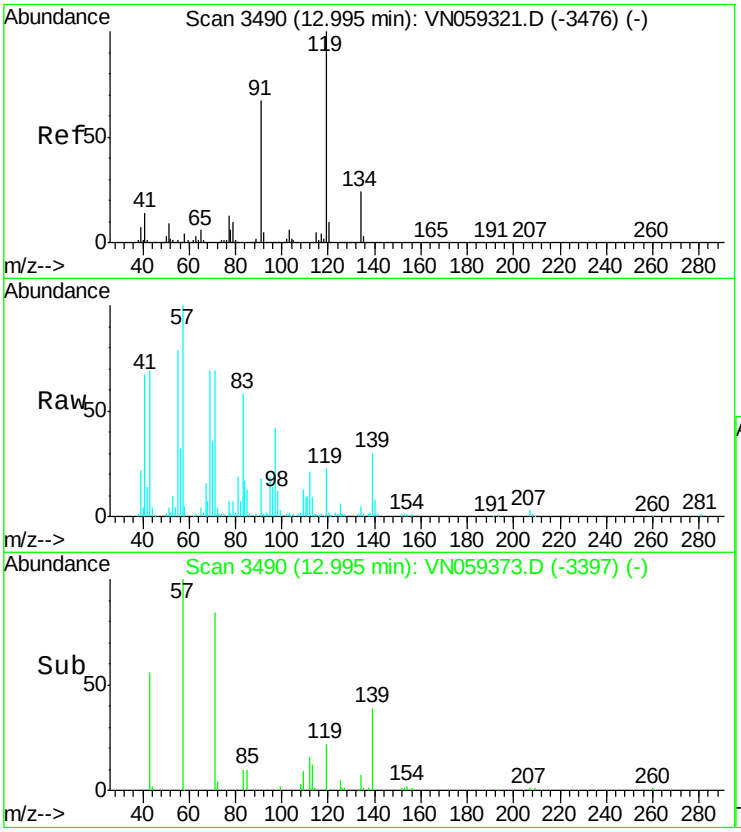


#80
1,3,5-Trimethylbenzene
Concen: 32.437 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:105 Resp: 449732

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.1	72.4



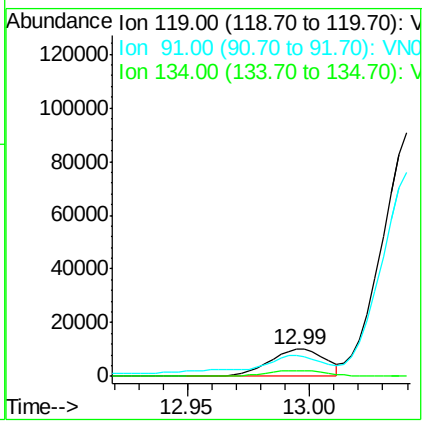


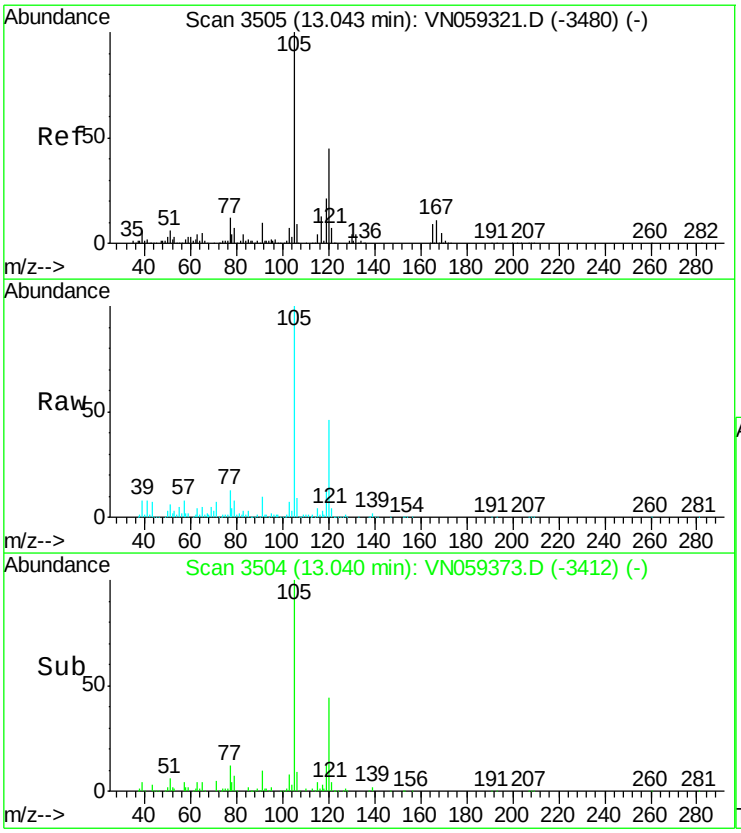
#83
tert-Butylbenzene
Concen: 1.383 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion:119 Resp: 16193

Ion	Ratio	Lower	Upper
119	100		
91	45.3	32.8	98.4
134	23.2	13.0	38.9

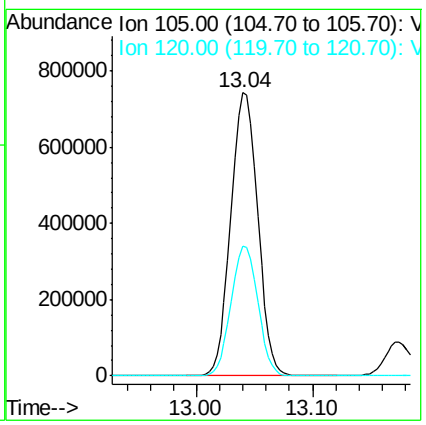


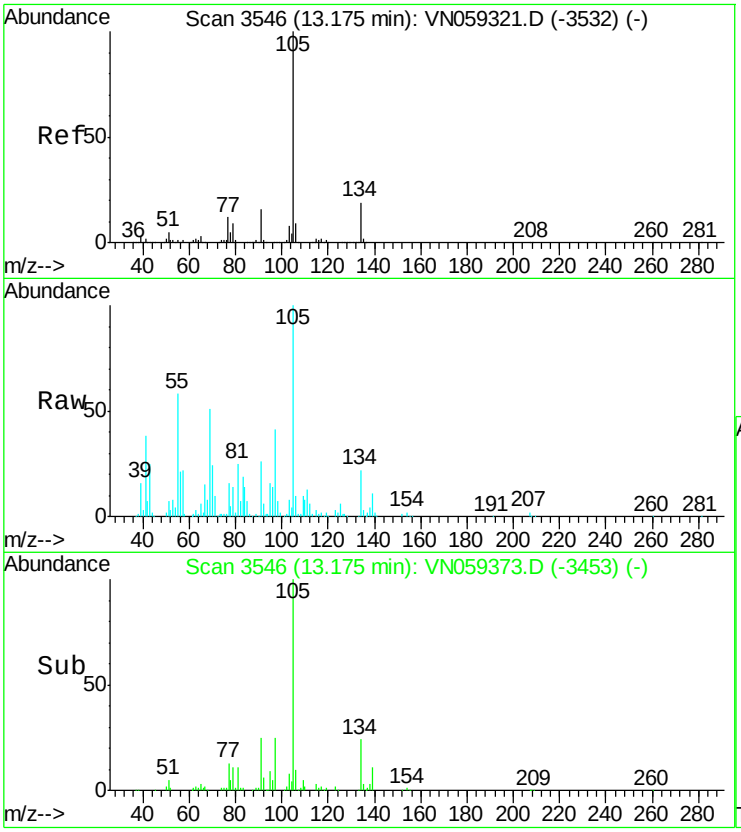


#84
1,2,4-Trimethylbenzene
Concen: 88.098 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:105 Resp: 1196503

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8



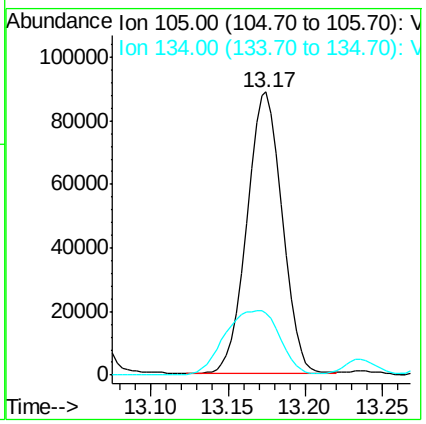


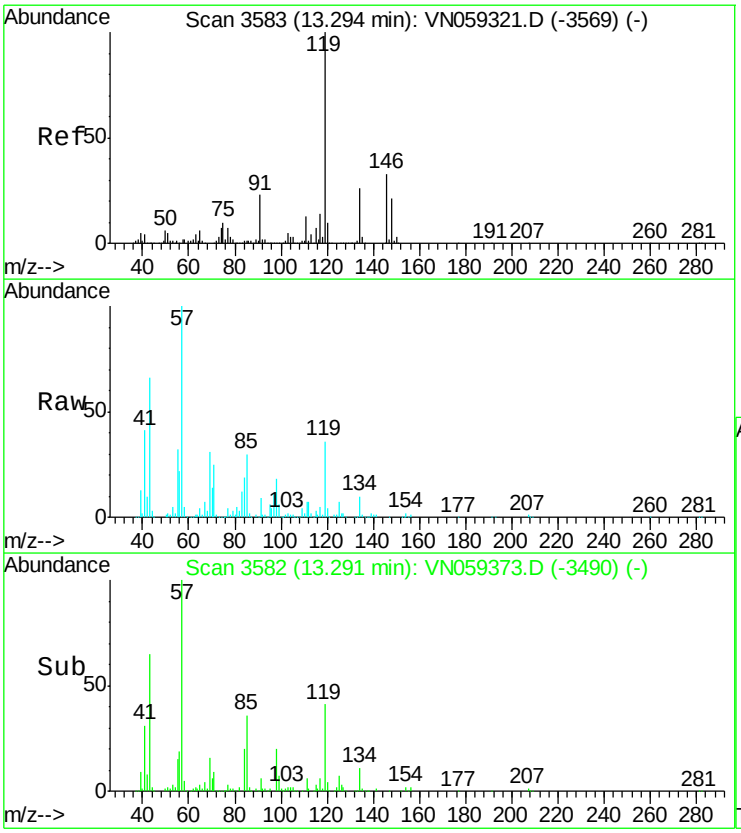
#85
sec-Butylbenzene
Concen: 8.938 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion:105 Resp: 140662

Ion	Ratio	Lower	Upper
105	100		
134	35.7	9.8	29.3#

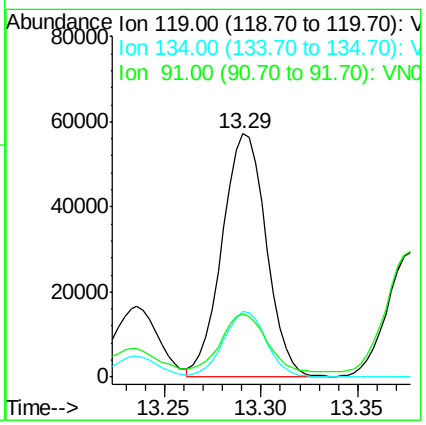


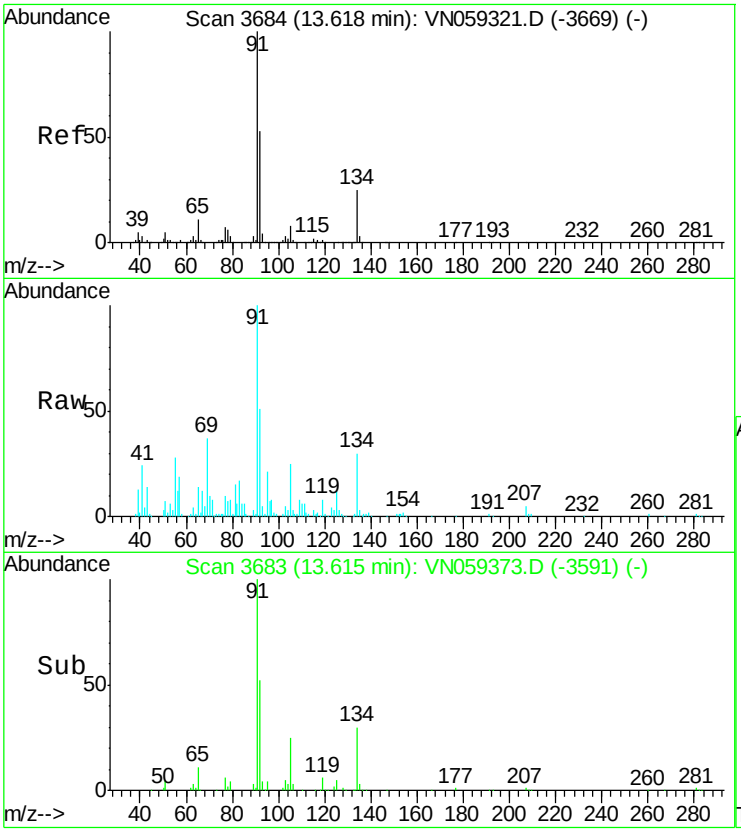


#86
p-Isopropyltoluene
Concen: 6.435 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Tgt Ion:119 Resp: 90127

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	38.9
91	24.0	11.6	34.7





#89
n-Butylbenzene
Concen: 9.698 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059373.D
Acq: 22 Nov 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

Tgt Ion: 91 Resp: 119141

Ion	Ratio	Lower	Upper
91	100		
92	40.9	26.0	78.0
134	0.0	12.7	38.1#