Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021119\
Data File : VN053717.D
Acq On : 11 Feb 2019 20:48
Operator : JC/SP
Sample : K1448-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30228

Quant Time: Feb 11 23:35:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	765203	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1205134	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1148738	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	556412	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	377713	49.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.40%				
35) Dibromofluoromethane	7.59	113	371961	48.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.70%				
50) Toluene-d8	10.09	98	1488451	52.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.12%				
62) 4-Bromofluorobenzene	12.40	95	529479	55.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.04%				
Target Compounds							Qvalue
16) Acetone	3.81	43	1344268	682.705	ug/l		99
19) Methyl tert-butyl Ether	5.05	73	334268	18.608	ug/l		99
20) Methylene Chloride	4.55	84	80243	9.714	ug/l		98
22) Diisopropyl ether	5.95	45	29841	1.427	ug/l		95
25) 2-Butanone	6.83	43	211059	75.156	ug/l		99
31) Cyclohexane	7.66	56	24465	1.721	ug/l	#	42
37) Ethyl Acetate	6.93	43	58364	9.619	ug/l		97
39) Methylcyclohexane	9.08	83	41290	3.204	ug/l		96
40) Benzene	8.04	78	2753499	82.193	ug/l		100
51) 4-Methyl-2-Pentanone	9.99	43	25293	4.393	ug/l		98
52) Toluene	10.16	92	5031055	253.042	ug/l		99
67) Ethyl Benzene	11.51	91	6307463	157.363	ug/l		100
68) m/p-Xylenes	11.62	106	8278378	541.142	ug/l		98
69) o-Xylene	11.95	106	4710184	318.702	ug/l		99
73) Isopropylbenzene	12.25	105	926065	23.675	ug/l		99
78) n-propylbenzene	12.59	91	2807187	62.082	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	3304426	101.876	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	12874293	389.585	ug/l		98
85) sec-Butylbenzene	13.17	105	407543	10.447	ug/l		87
86) p-Isopropyltoluene	13.29	119	244441	7.164	ug/l		100
89) n-Butylbenzene	13.61	91	413167	13.991	ug/l	#	71
95) Naphthalene	15.13	128	5299639	211.030	ug/l		100

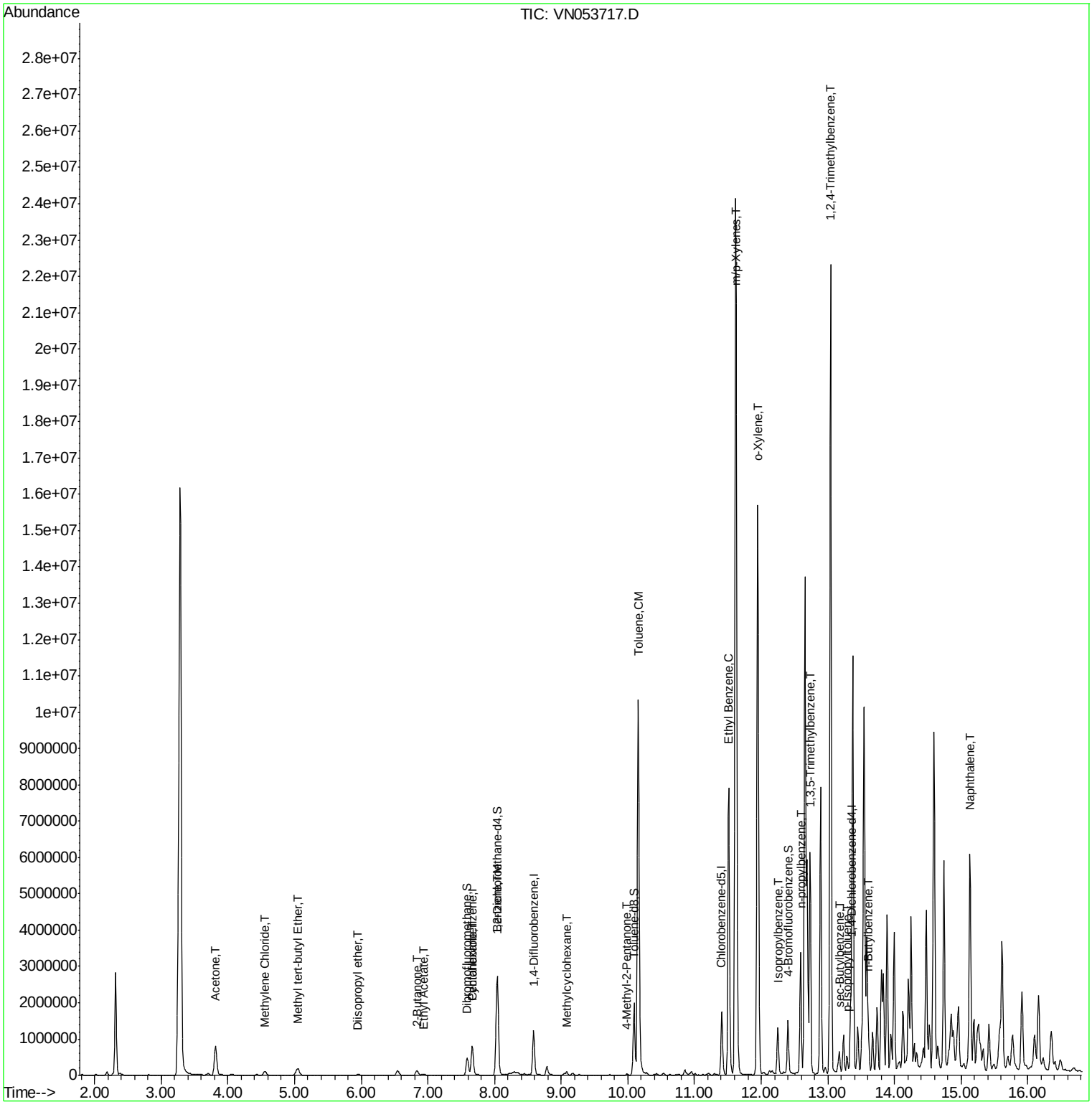
(#) = qualifier out of range (m) = manual integration (+) = signals summed

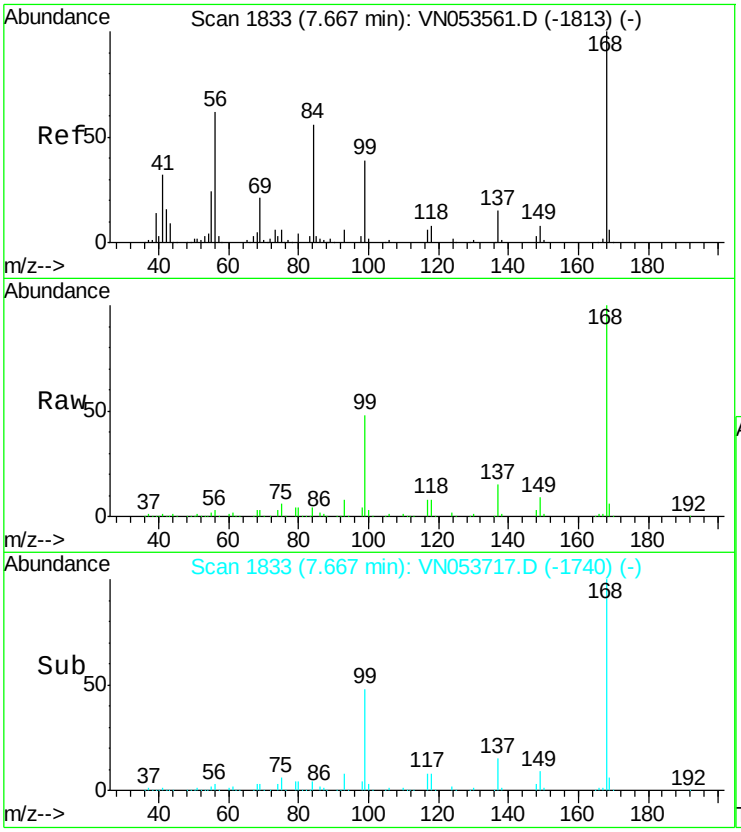
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021119\
Data File : VN053717.D
Acq On : 11 Feb 2019 20:48
Operator : JC/SP
Sample : K1448-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30228

Quant Time: Feb 11 23:35:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

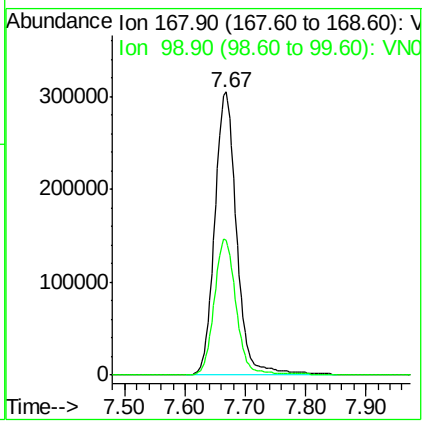




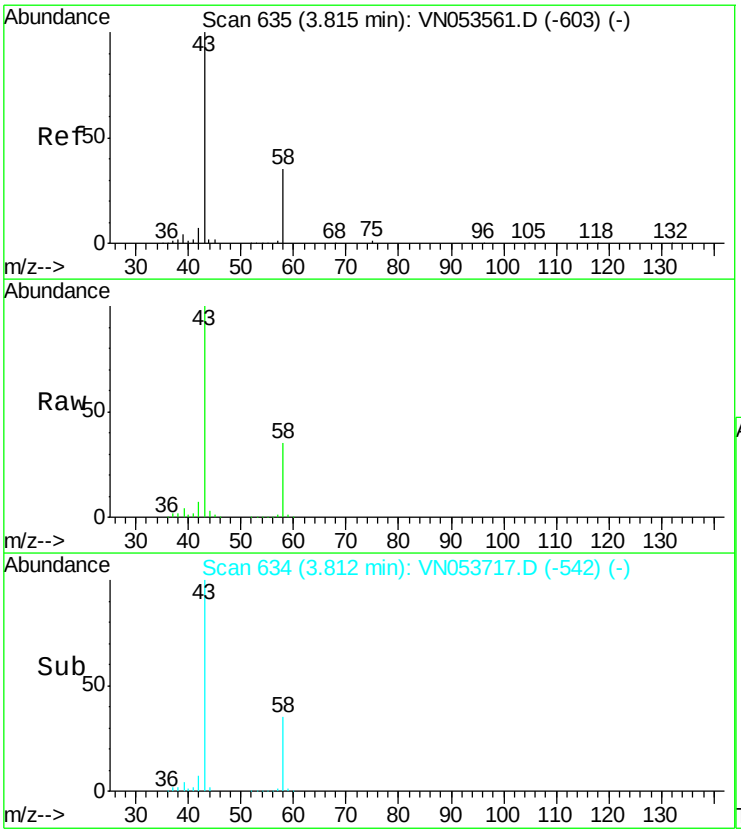
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:168 Resp: 765203

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.1	58.7



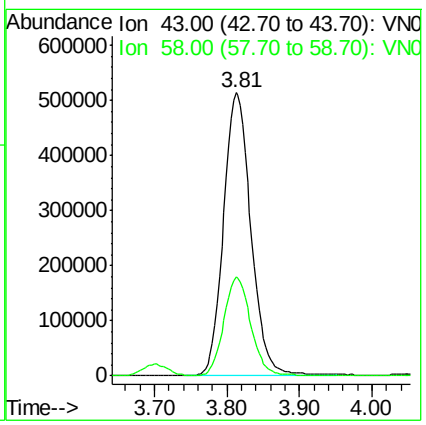
Instrument :
MSVOA_N
ClientSampleId :
30228

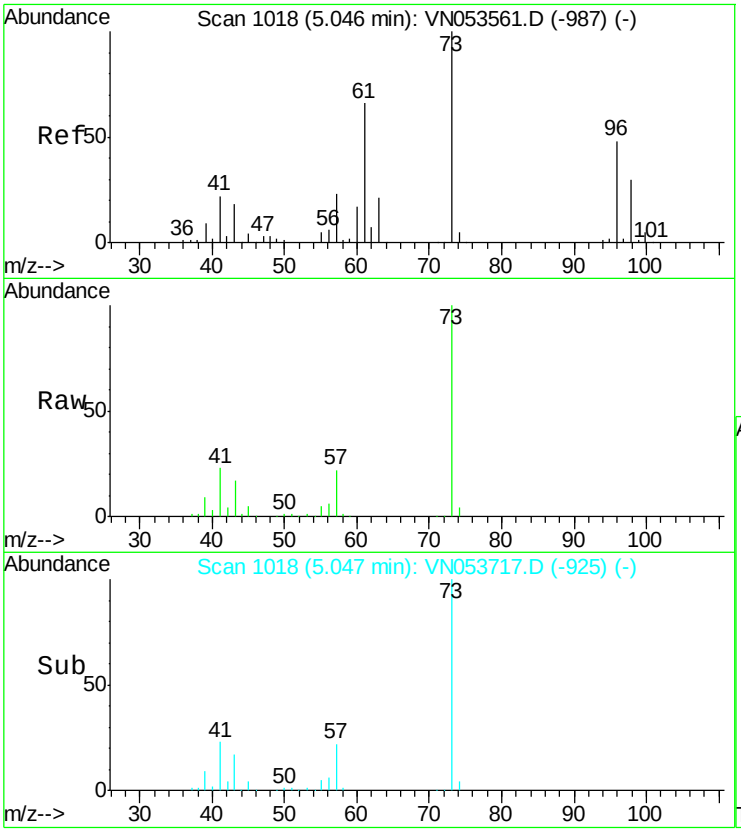


#16
Acetone
Concen: 682.705 ug/l
RT: 3.81 min Scan# 634
Delta R.T. -0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 43 Resp: 1344268

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.1	40.7



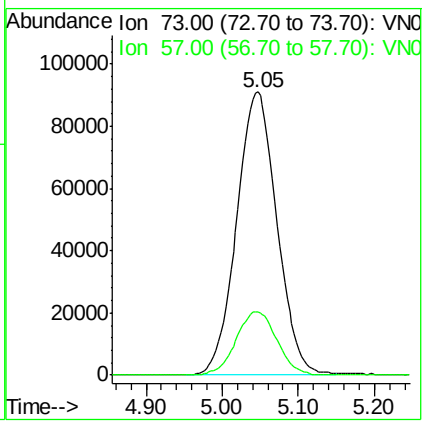


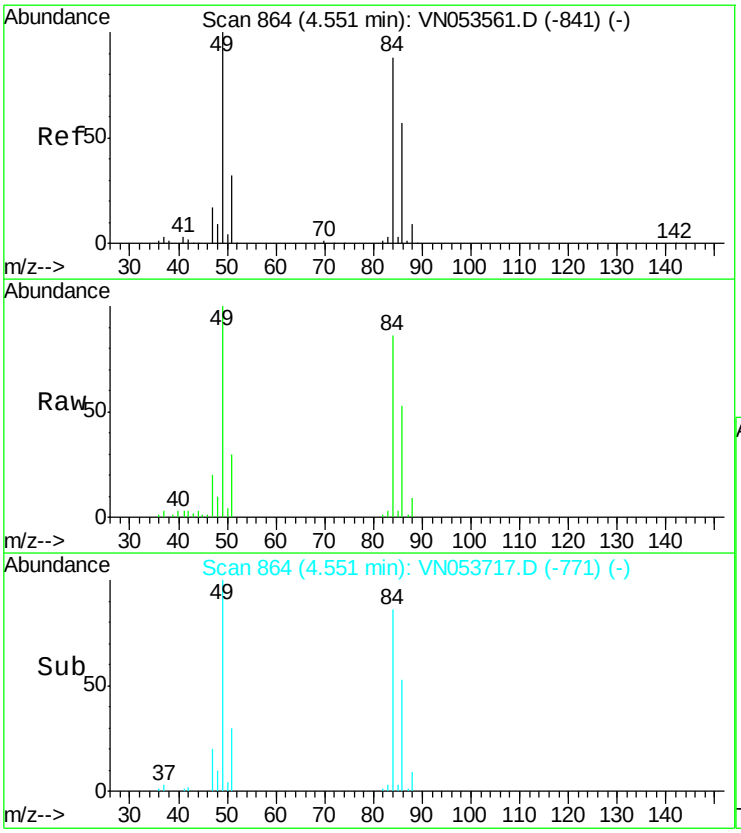
#19
Methyl tert-butyl Ether
Concen: 18.608 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion: 73 Resp: 334268

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.3	27.5

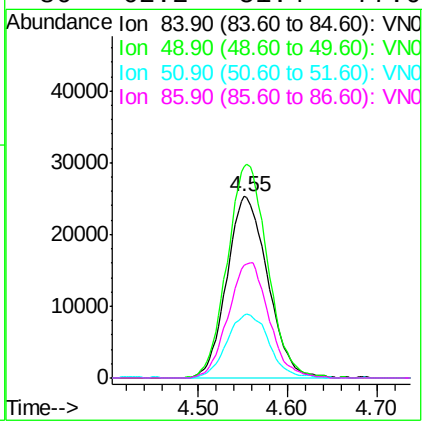


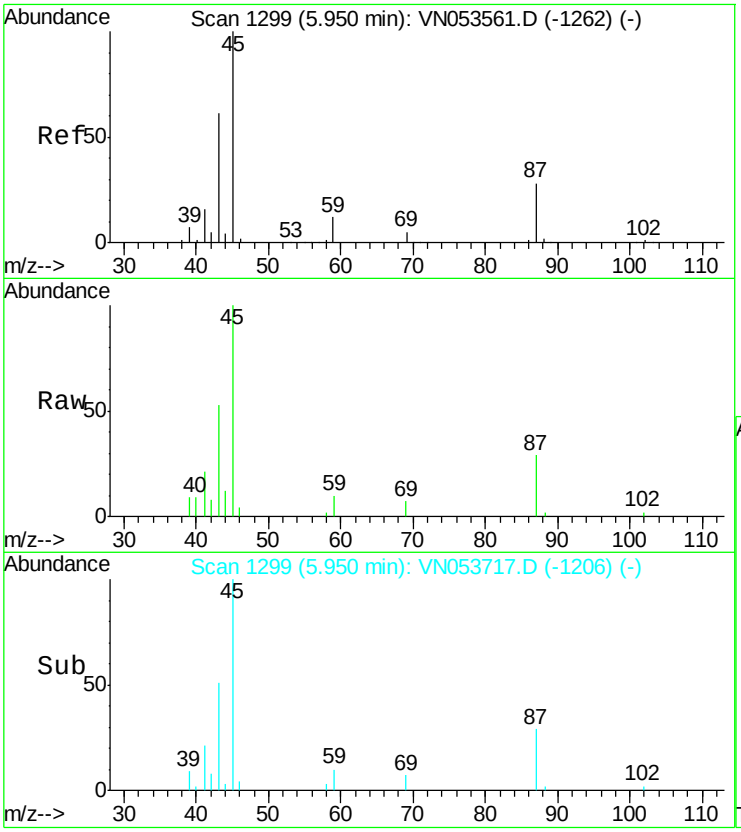


#20
Methylene Chloride
Concen: 9.714 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 84 Resp: 80243

Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.3	141.5
51	34.4	29.4	44.2
86	62.2	51.4	77.0



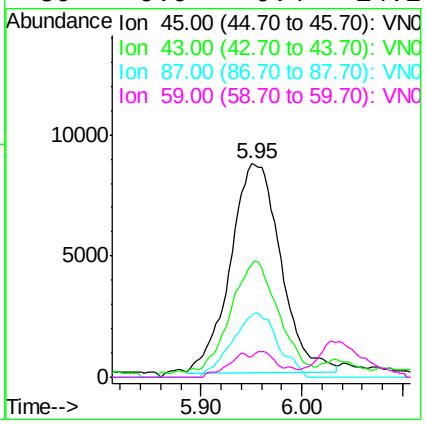


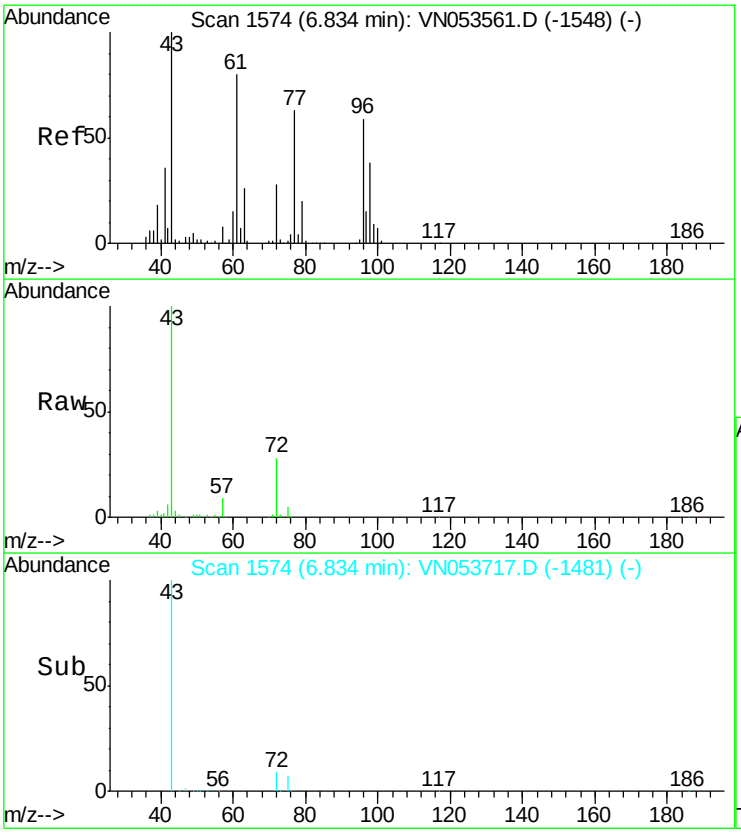
#22
Diisopropyl ether
Concen: 1.427 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 45 Resp: 29841

Ion	Ratio	Lower	Upper
45	100		
43	50.7	44.2	66.4
87	29.4	22.7	34.1
59	9.9	9.4	14.2

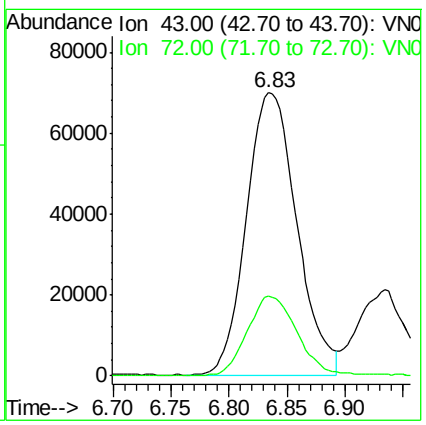


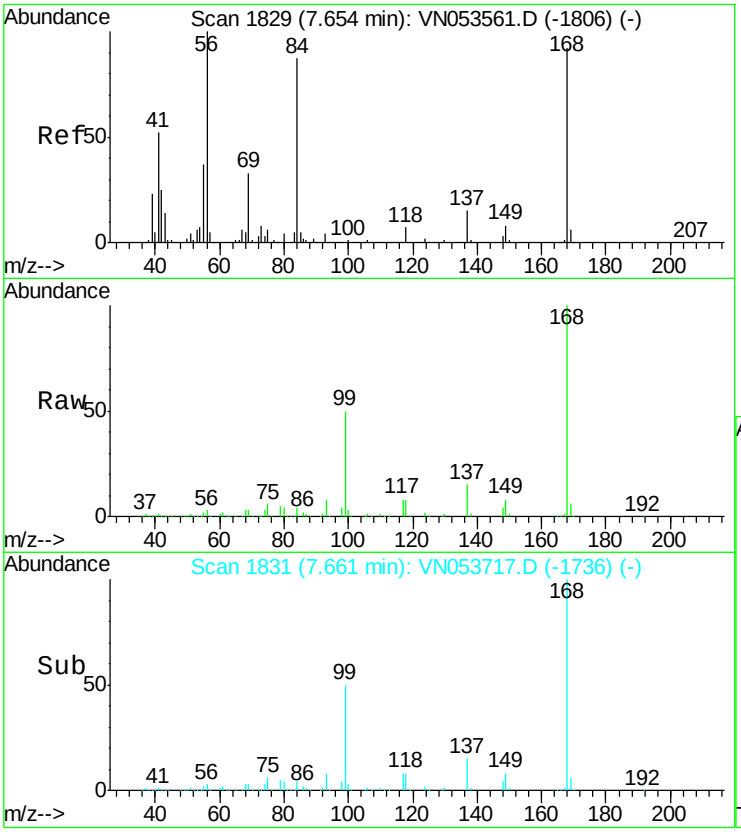


#25
2-Butanone
Concen: 75.156 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 43 Resp: 211059

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.0	33.0



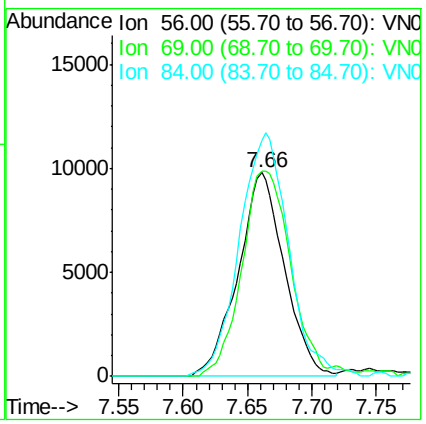


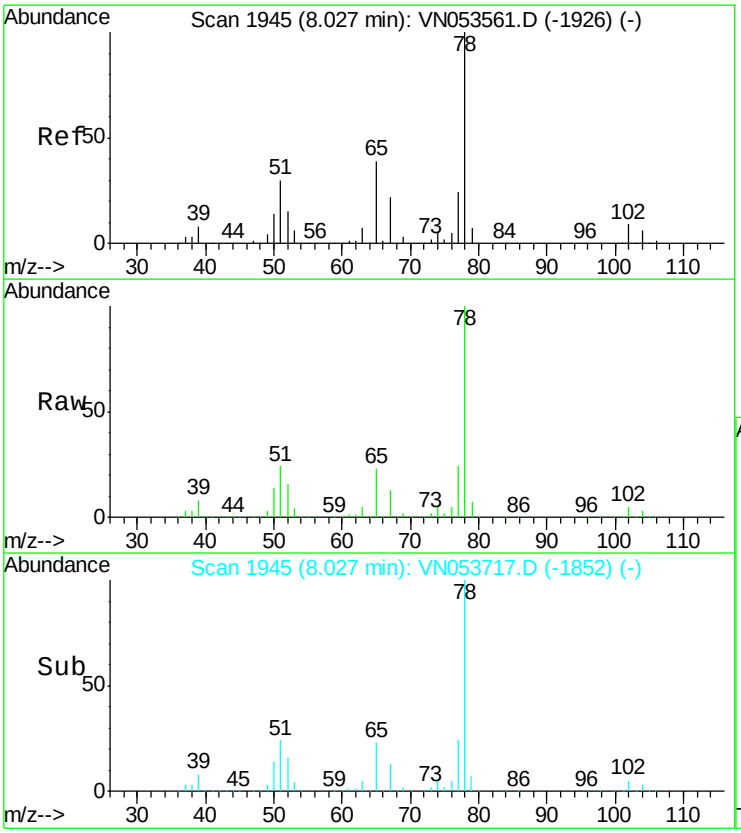
#31
Cyclohexane
Concen: 1.721 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 56 Resp: 24465

Ion	Ratio	Lower	Upper
56	100		
69	101.1	26.4	39.6#
84	116.1	67.9	101.9#

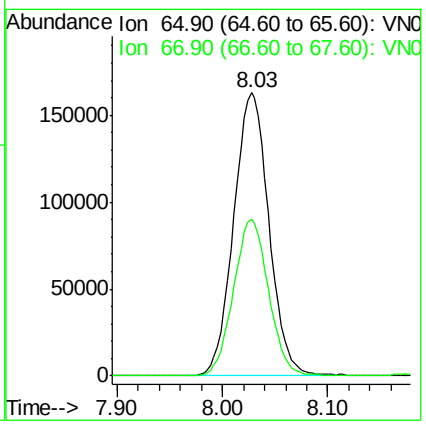


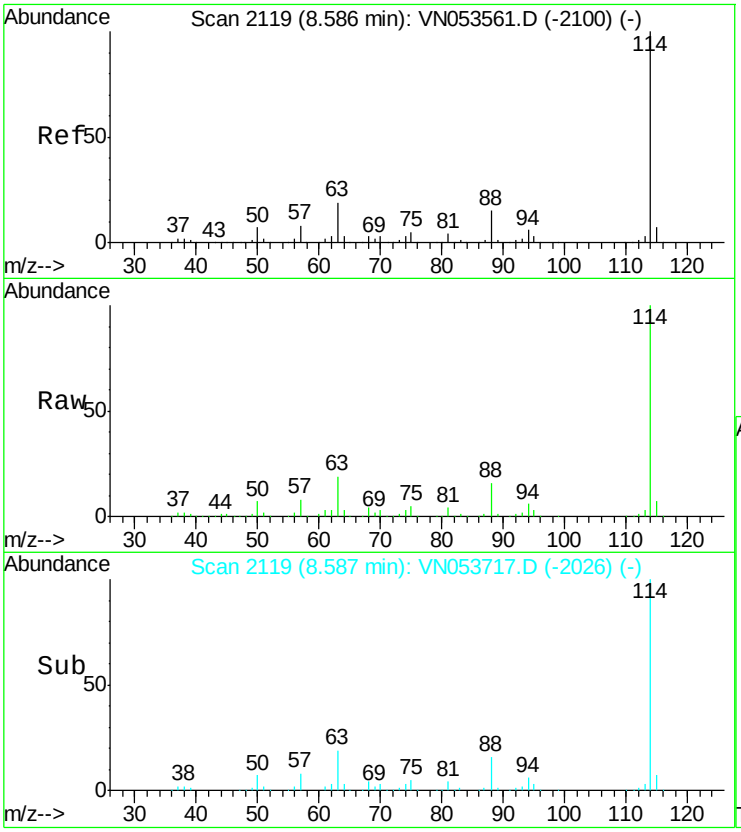


#33
1,2-Dichloroethane-d4
Concen: 49.204 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 65 Resp: 377713

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	111.2



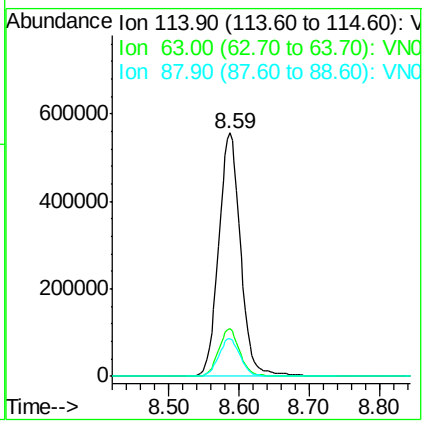


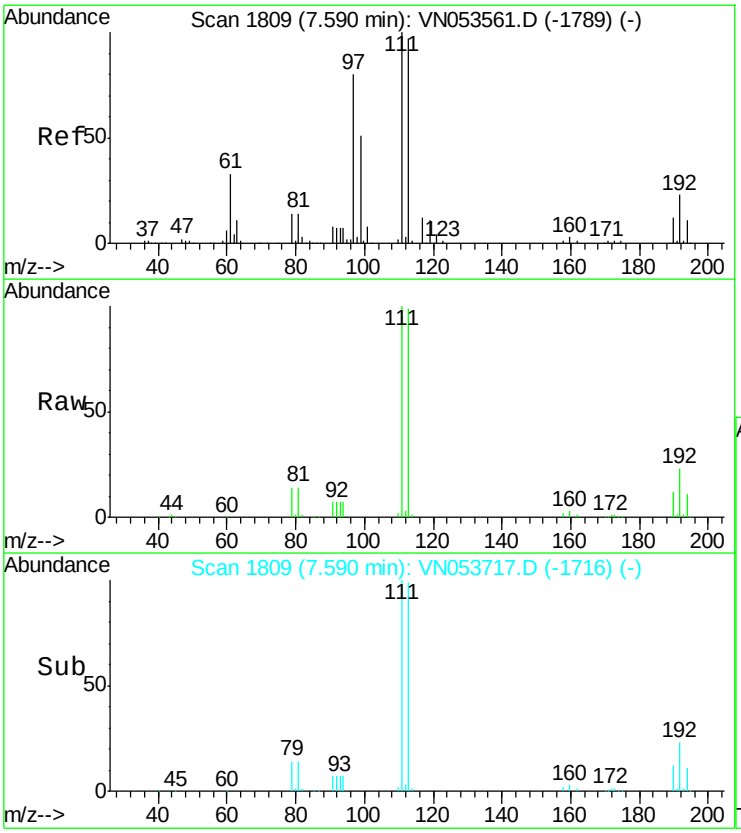
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion:114 Resp: 1205134

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.6	0.0	30.4

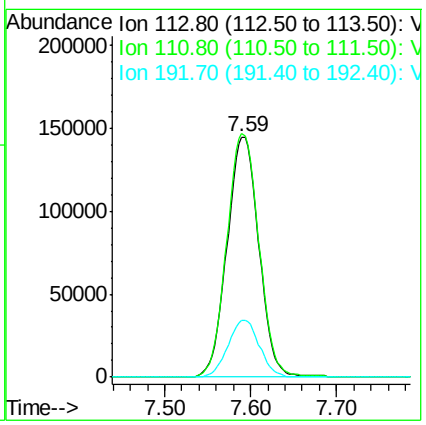


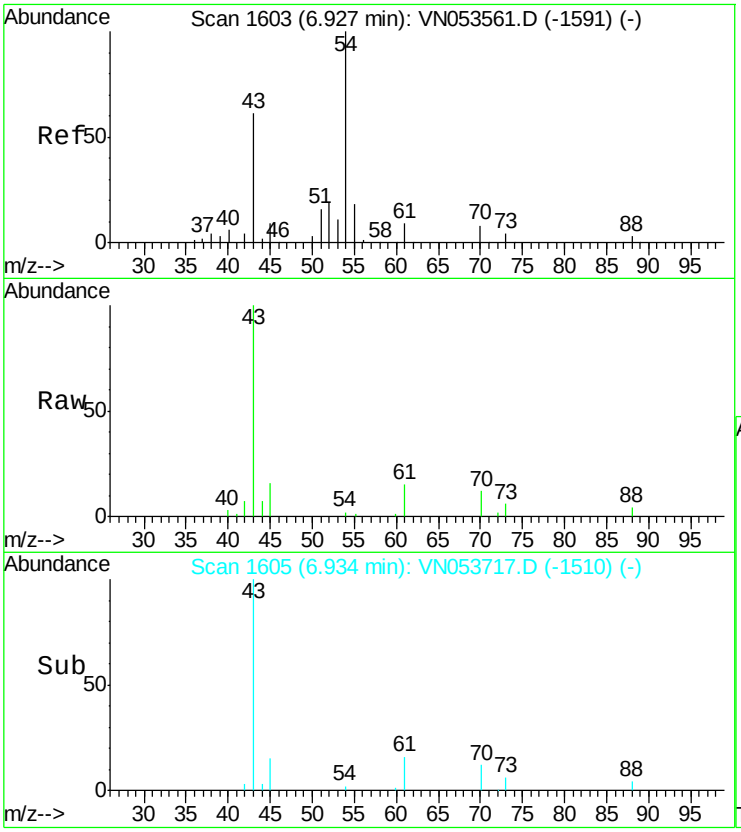


#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:113 Resp: 371961

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	23.4	18.2	27.2



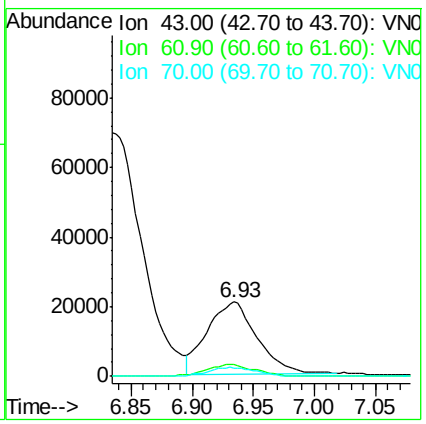


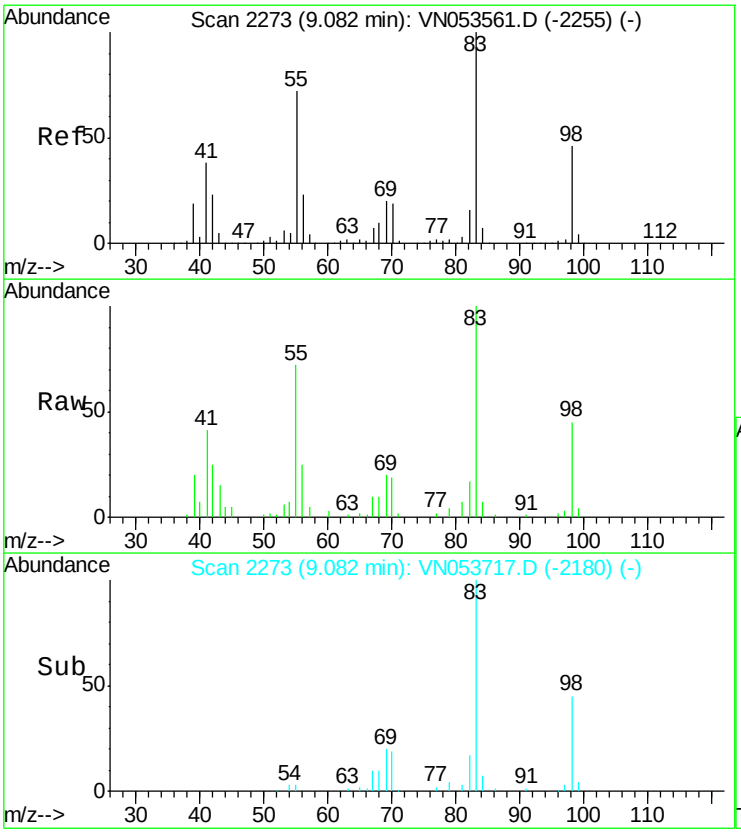
#37
Ethyl Acetate
Concen: 9.619 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 43 Resp: 58364

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.6
70	12.1	8.6	12.8

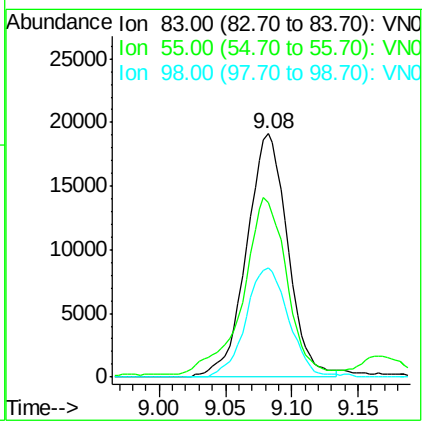


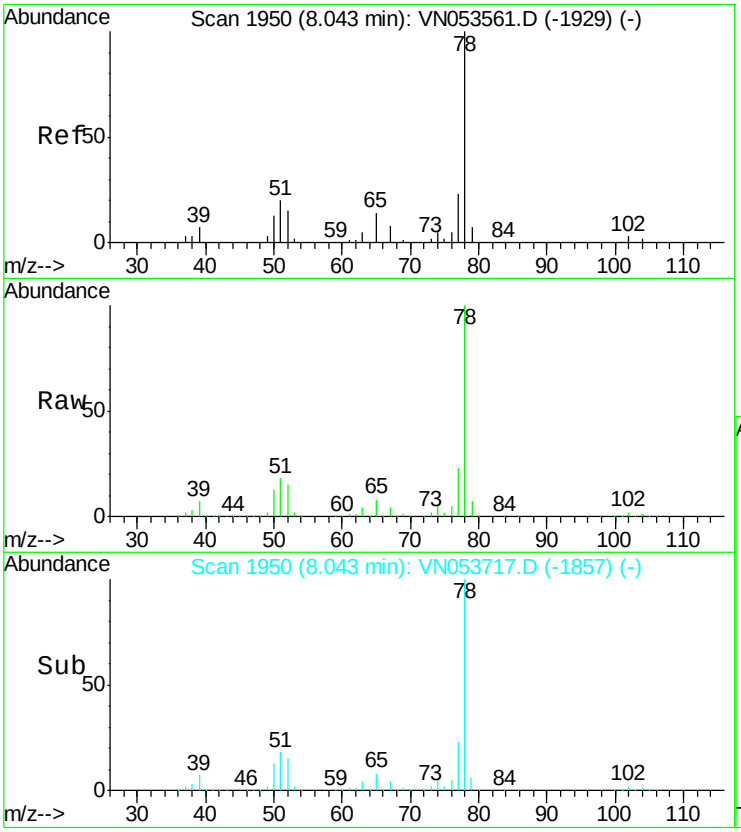


#39
Methylcyclohexane
Concen: 3.204 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 83 Resp: 41290

Ion	Ratio	Lower	Upper
83	100		
55	69.6	60.1	90.1
98	45.0	36.6	55.0



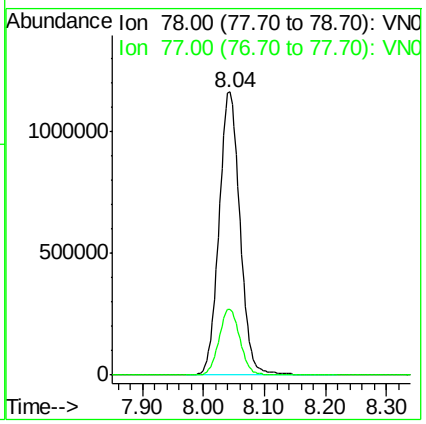


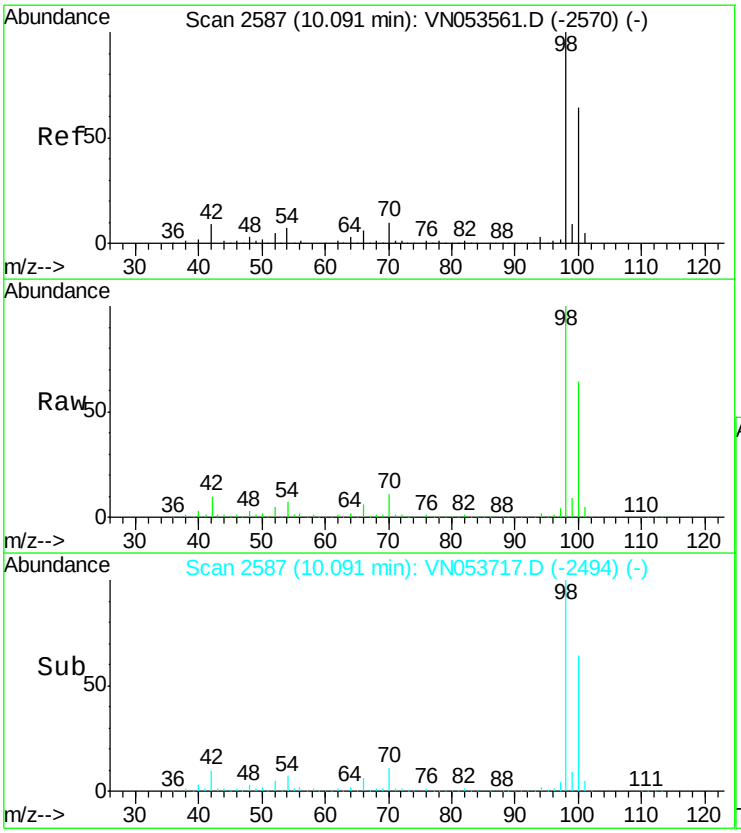
#40
Benzene
Concen: 82.193 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion: 78 Resp: 2753499

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

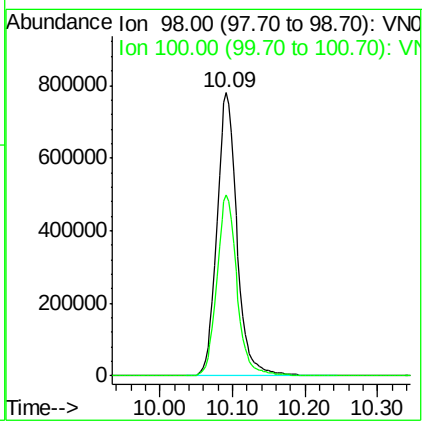


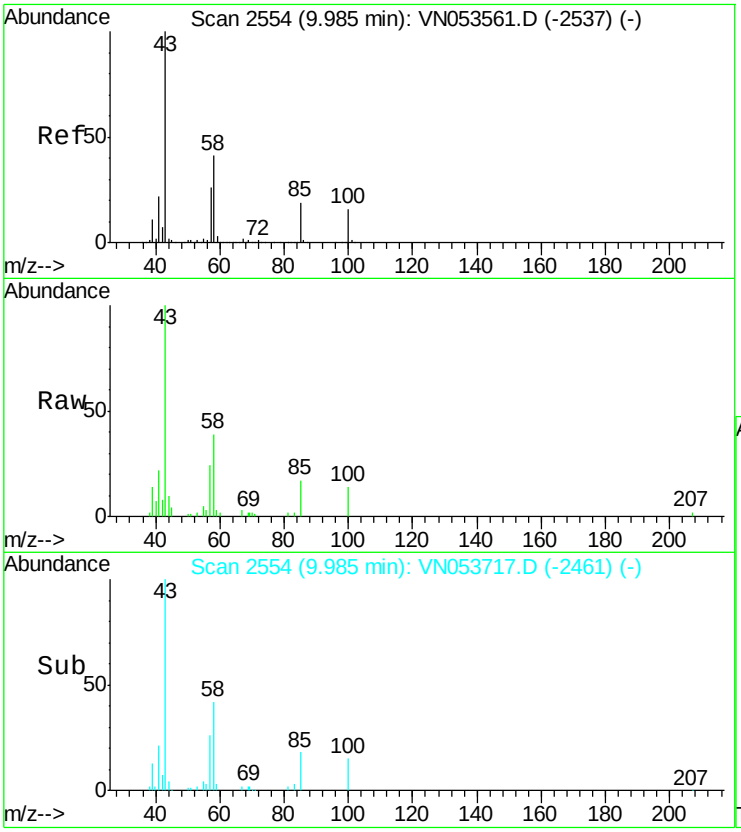


#50
Toluene-d8
Concen: 52.058 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 98 Resp: 1488451

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



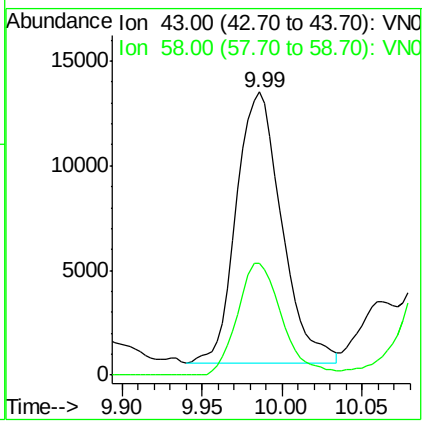


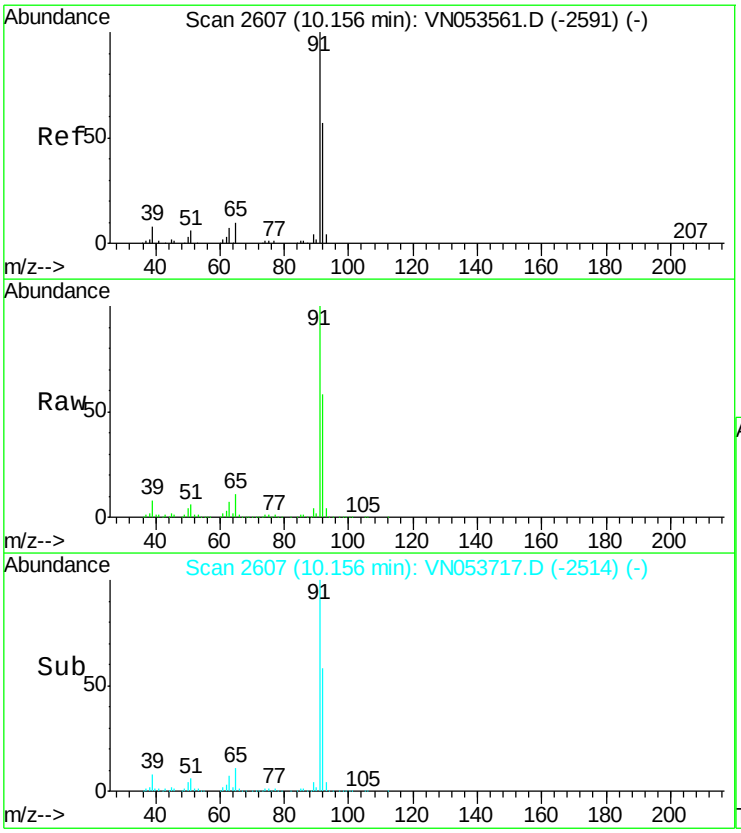
#51
4-Methyl-2-Pentanone
Concen: 4.393 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 43 Resp: 25293

Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.8	49.2

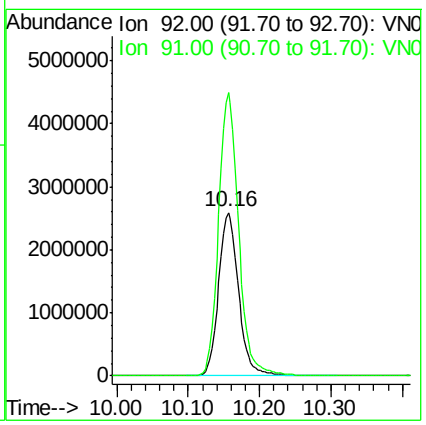


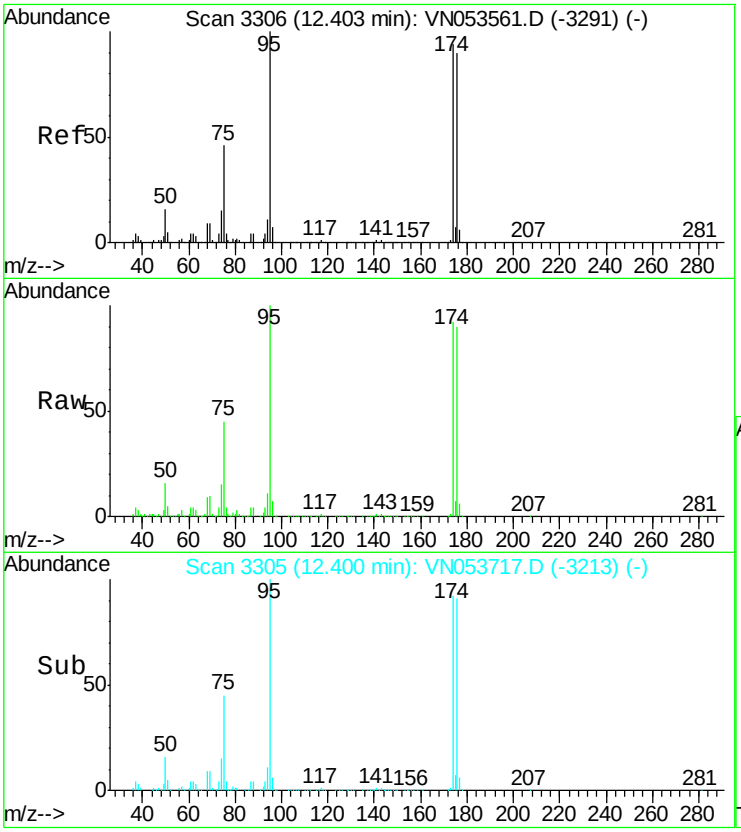


#52
Toluene
Concen: 253.042 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 92 Resp: 5031055

Ion	Ratio	Lower	Upper
92	100		
91	173.8	139.9	209.9



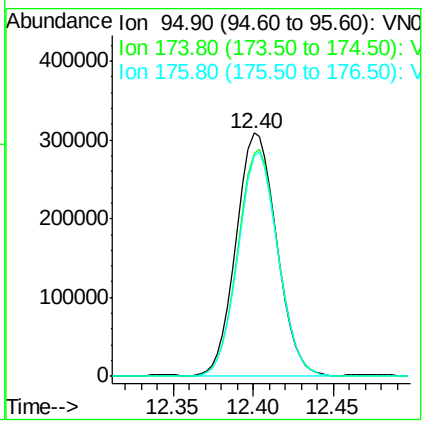


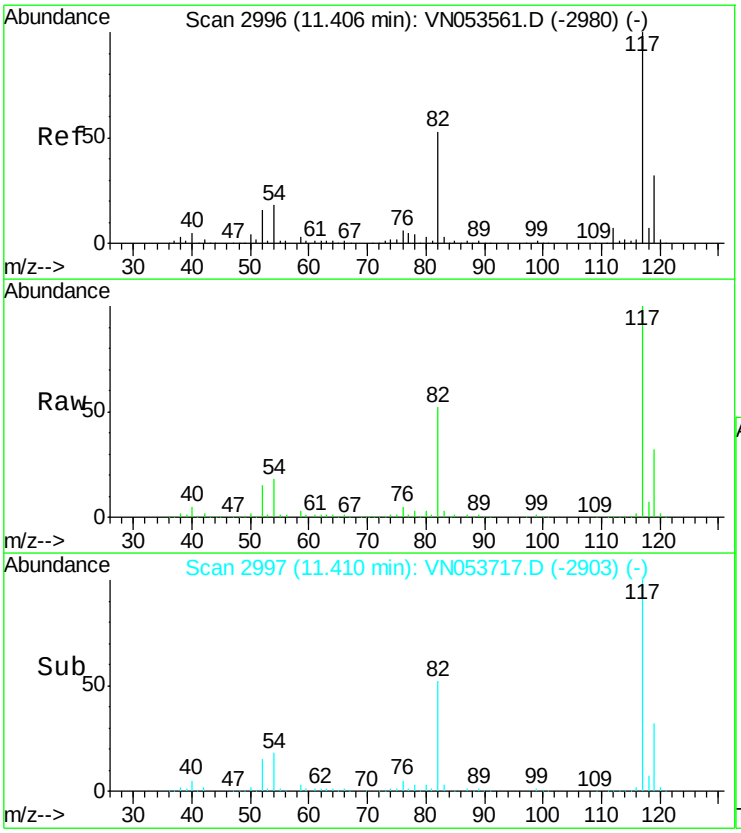
#62
4-Bromofluorobenzene
Concen: 55.524 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion: 95 Resp: 529479

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	183.2
176	91.3	0.0	177.4

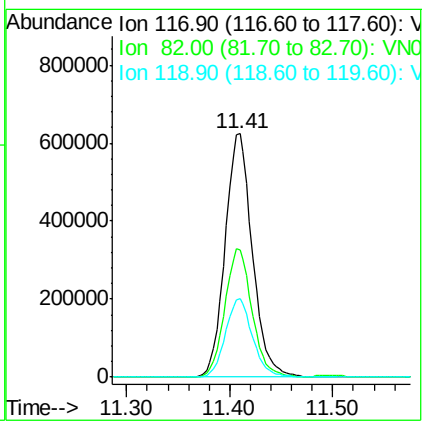


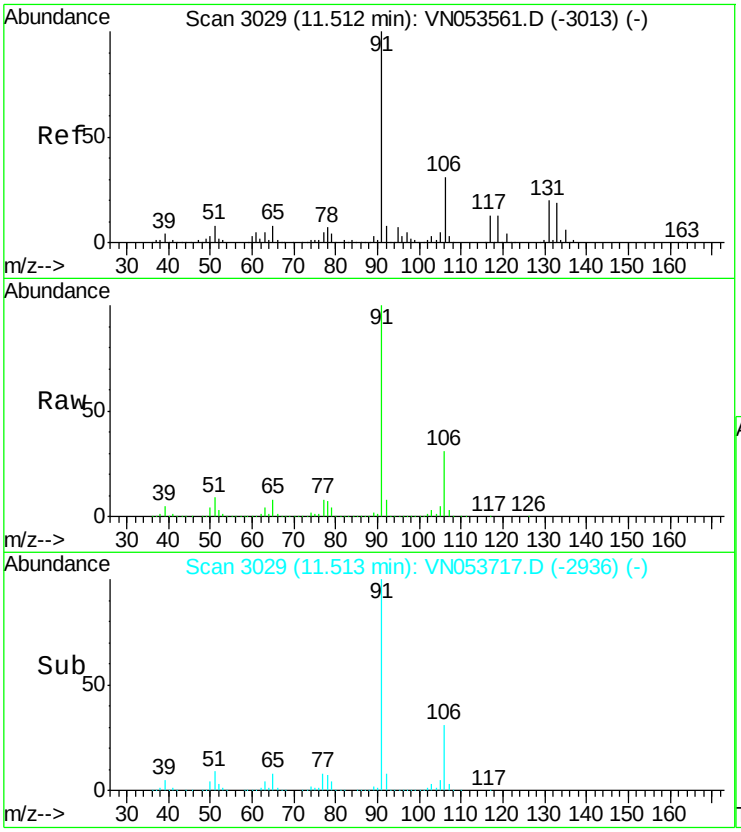


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:117 Resp: 1148738

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.9	64.3
119	32.0	26.0	39.0



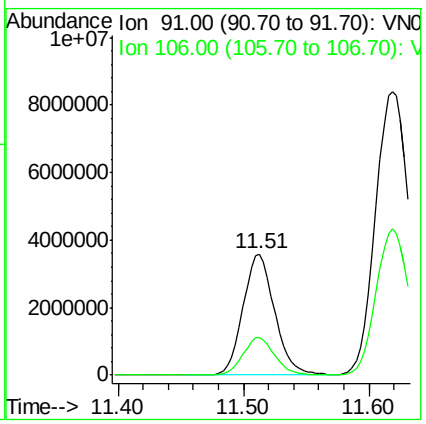


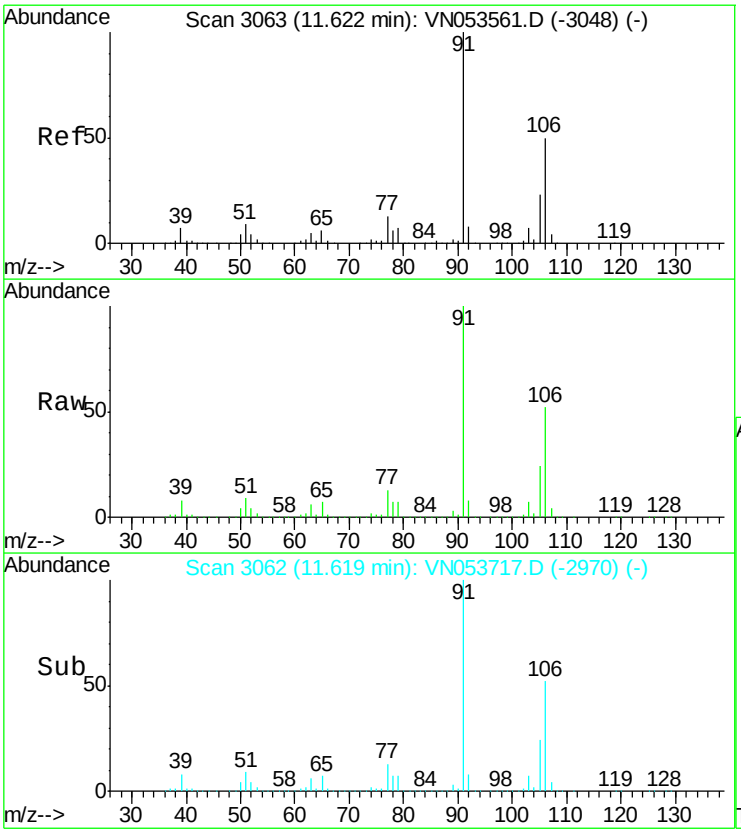
#67
Ethyl Benzene
Concen: 157.363 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 91 Resp: 6307463

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.6

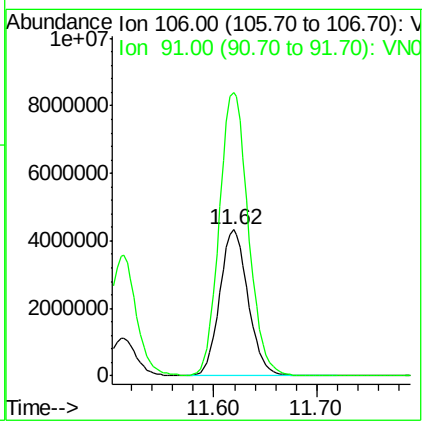


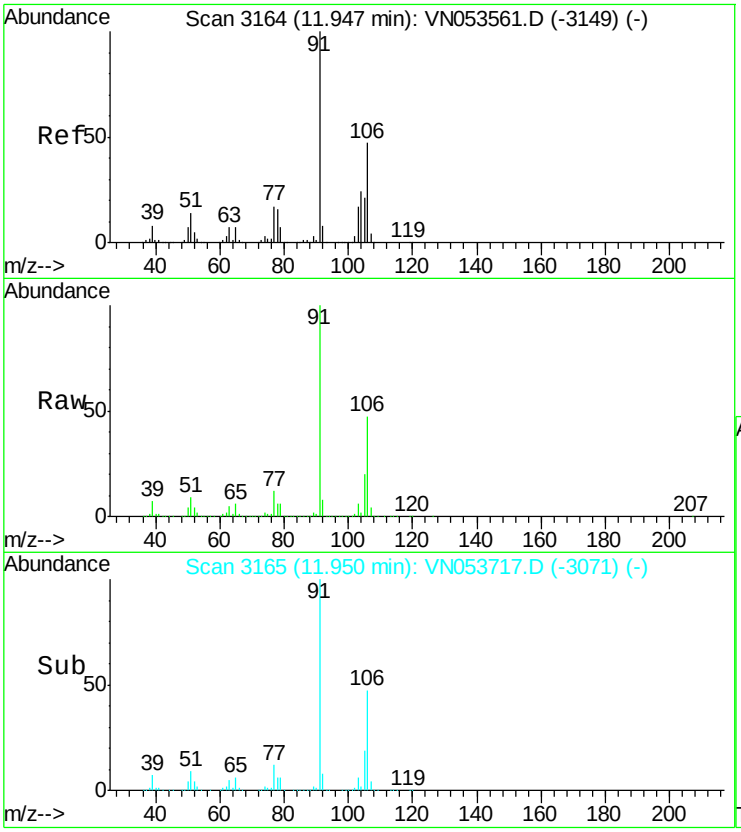


#68
m/p-Xylenes
Concen: 541.142 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:106 Resp: 8278378

Ion	Ratio	Lower	Upper
106	100		
91	198.8	161.4	242.2



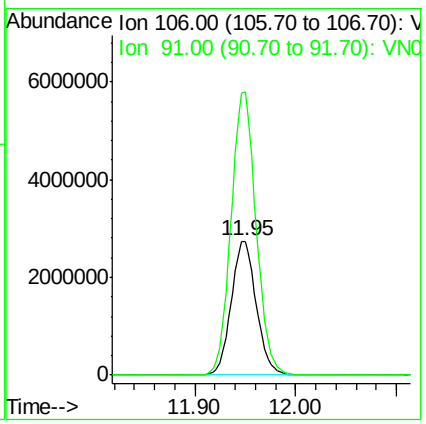


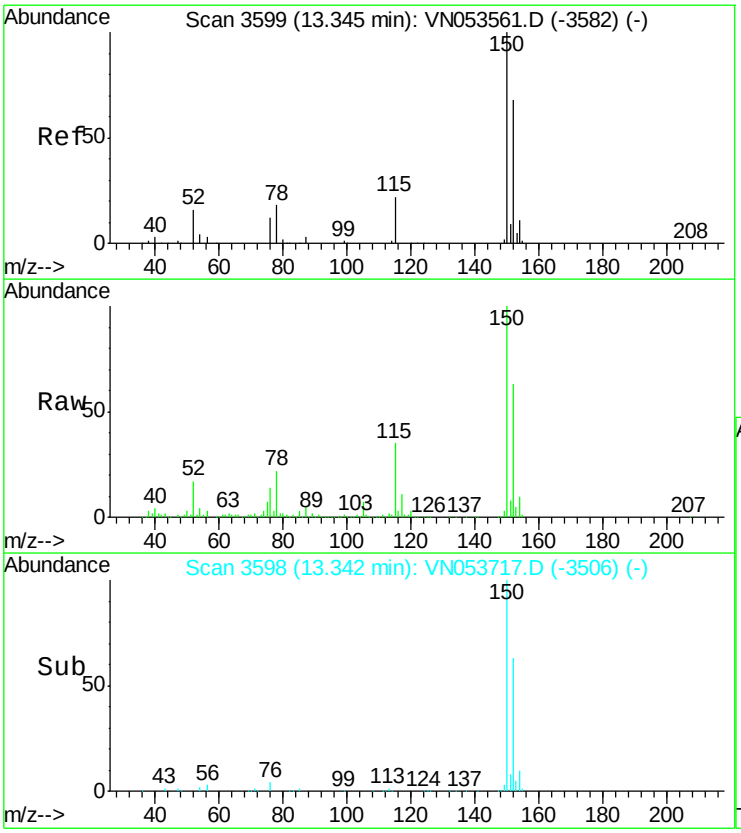
#69
o-Xylene
Concen: 318.702 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion:106 Resp: 4710184

Ion	Ratio	Lower	Upper
106	100		
91	212.1	106.9	320.8

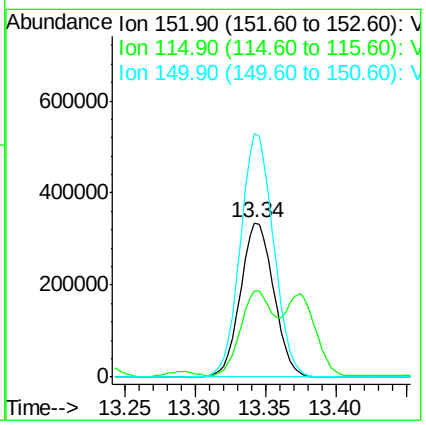


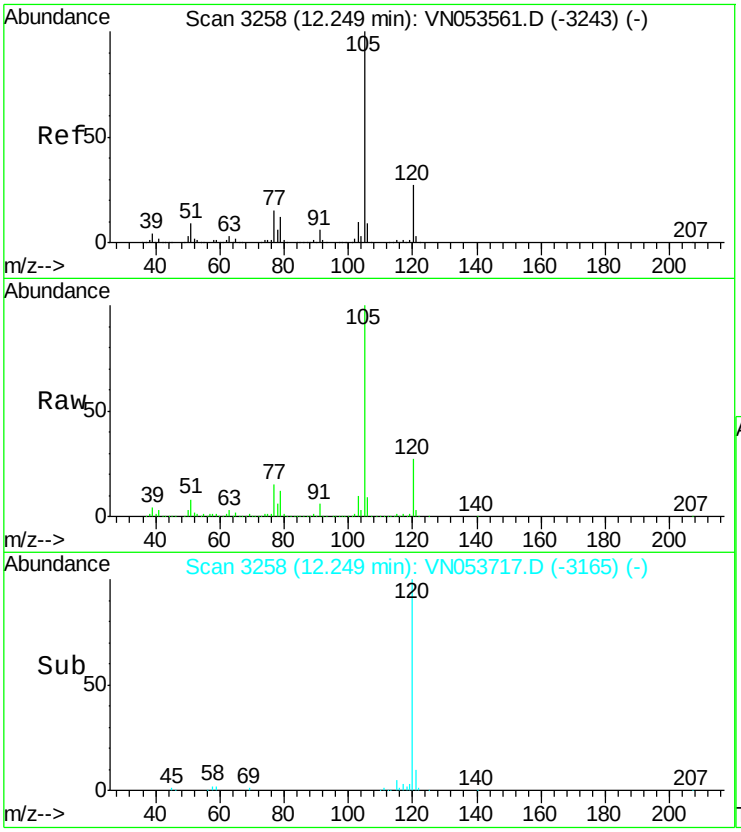


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:152 Resp: 556412

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.8	83.4
150	156.9	0.0	349.0



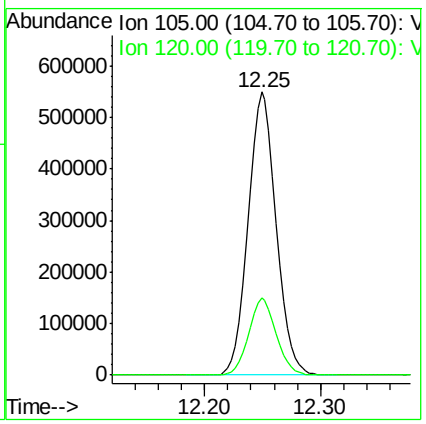


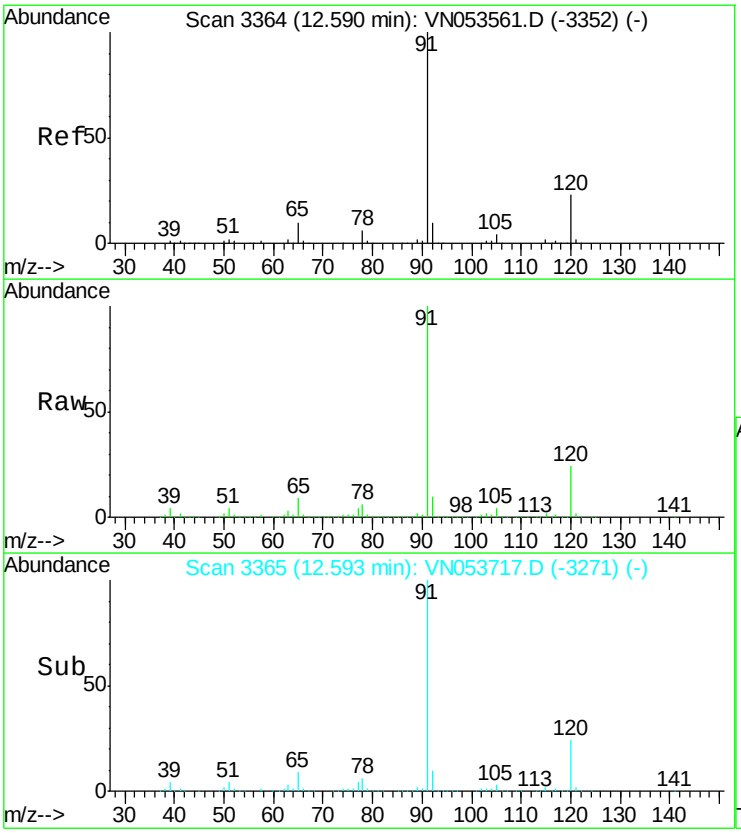
#73
Isopropylbenzene
Concen: 23.675 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion:105 Resp: 926065

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.6	40.7

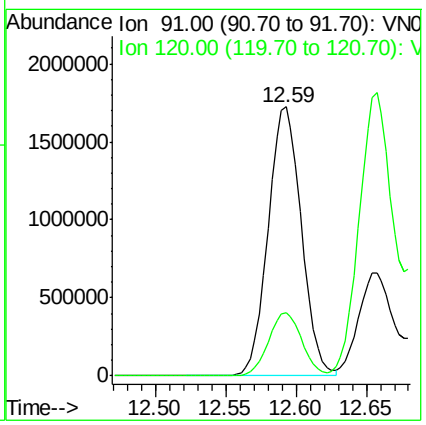


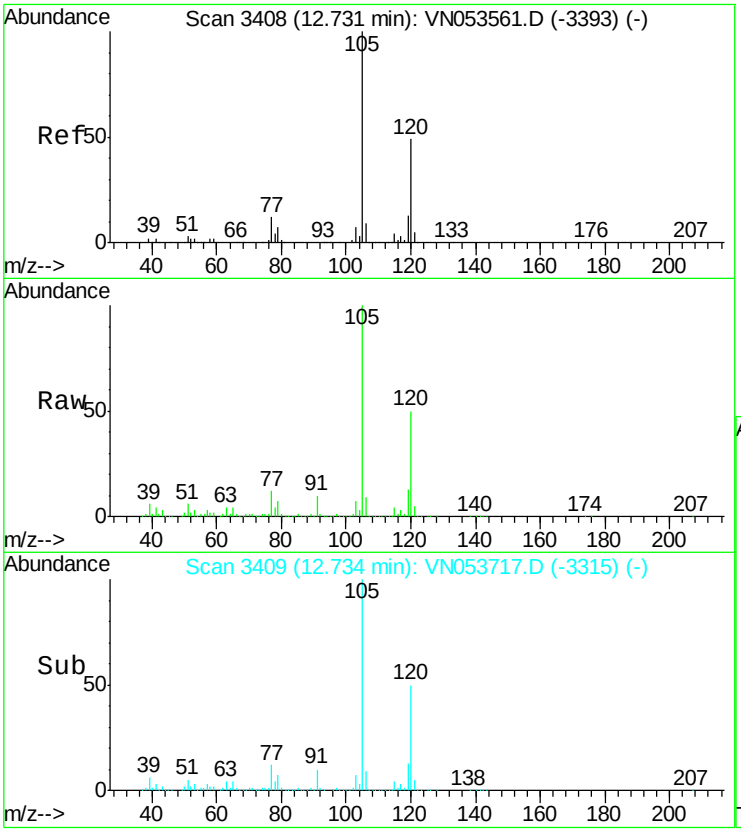


#78
n-propylbenzene
Concen: 62.082 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion: 91 Resp: 2807187

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5



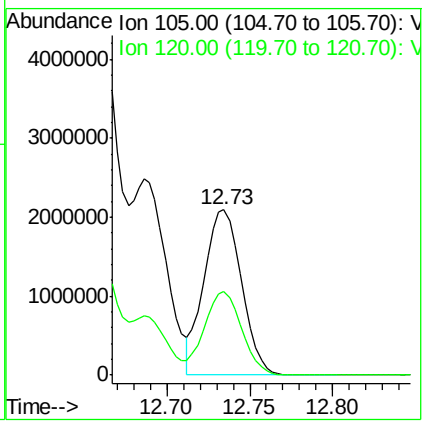


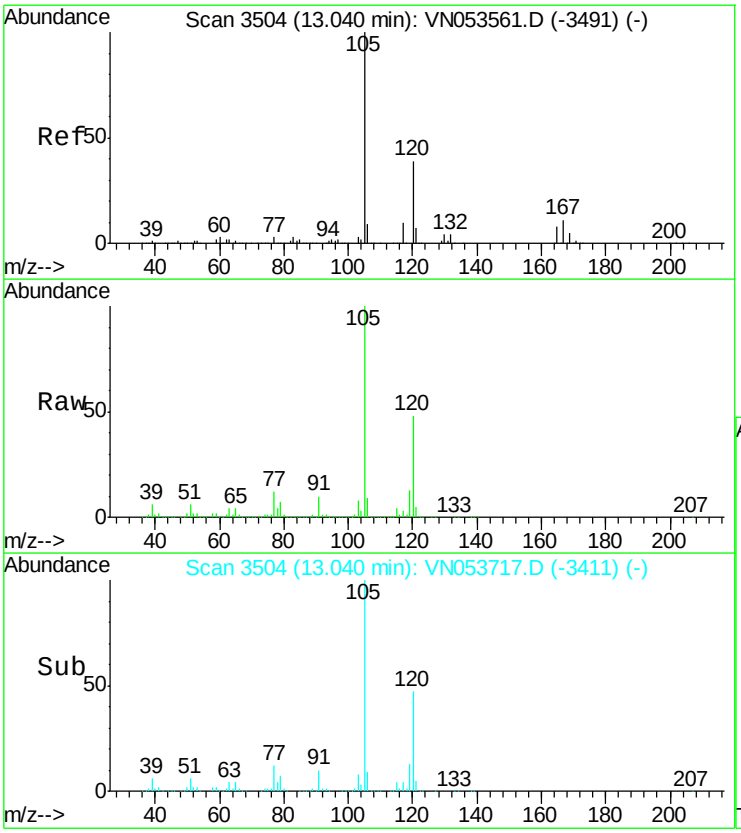
#80
1,3,5-Trimethylbenzene
Concen: 101.876 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion:105 Resp: 3304426

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.9	74.6

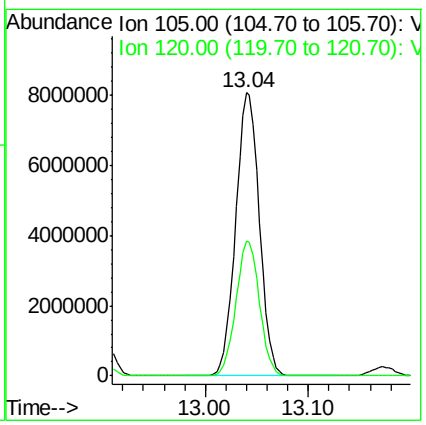


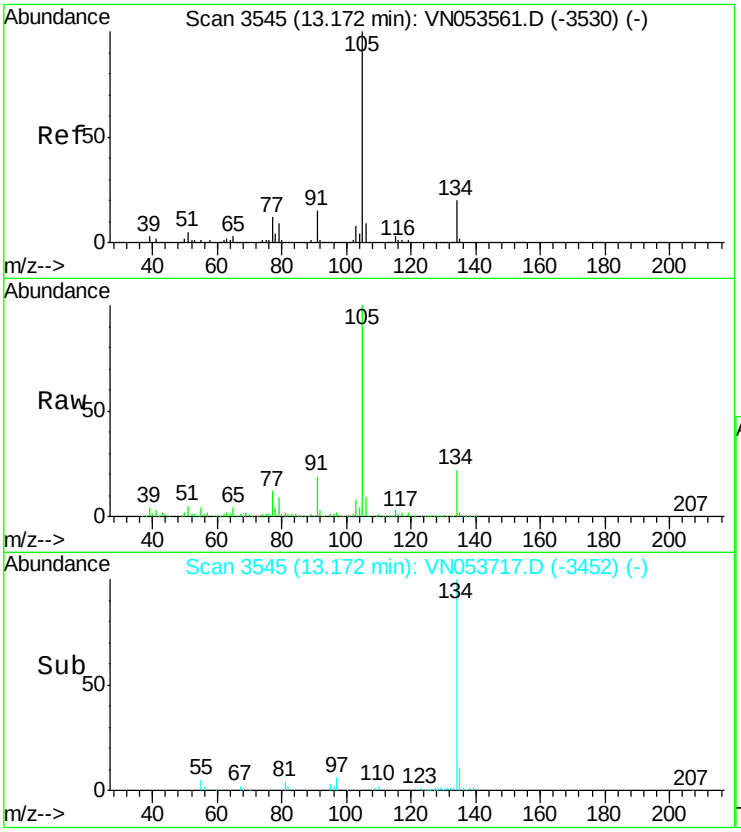


#84
1,2,4-Trimethylbenzene
Concen: 389.585 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:105 Resp:12874293

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.0	69.0



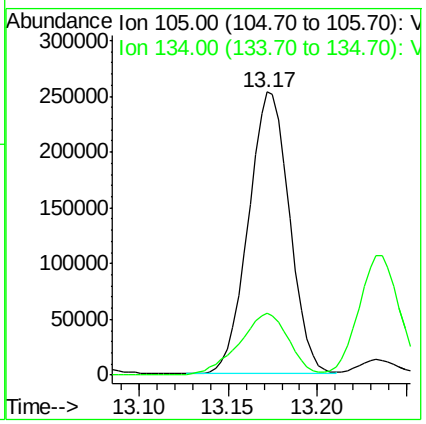


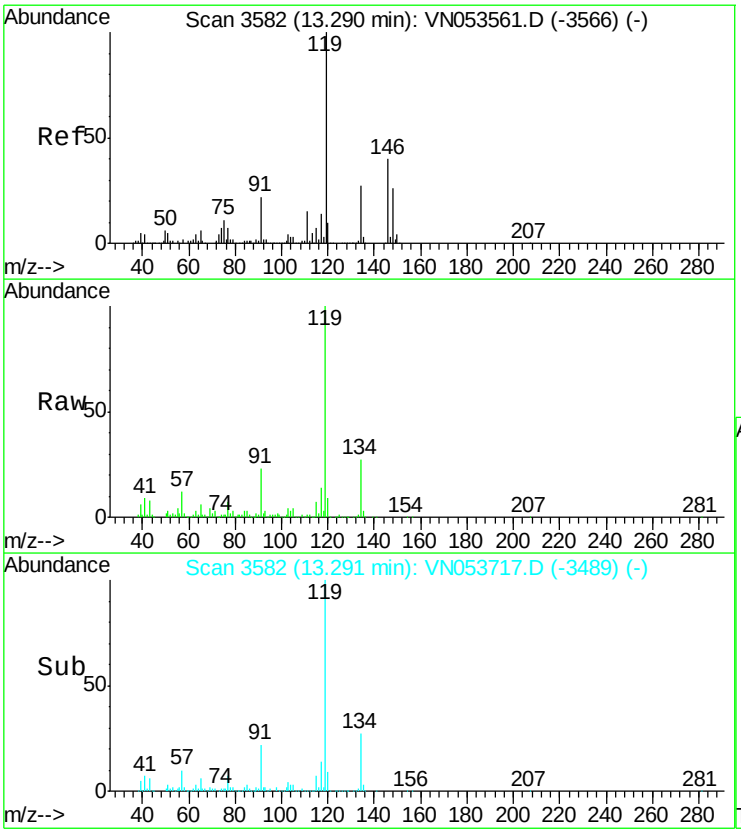
#85
sec-Butylbenzene
Concen: 10.447 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument :
MSVOA_N
ClientSampleId :
30228

Tgt Ion:105 Resp: 407543

Ion	Ratio	Lower	Upper
105	100		
134	26.5	10.2	30.6

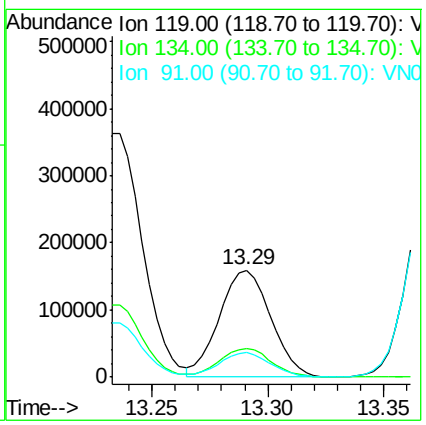


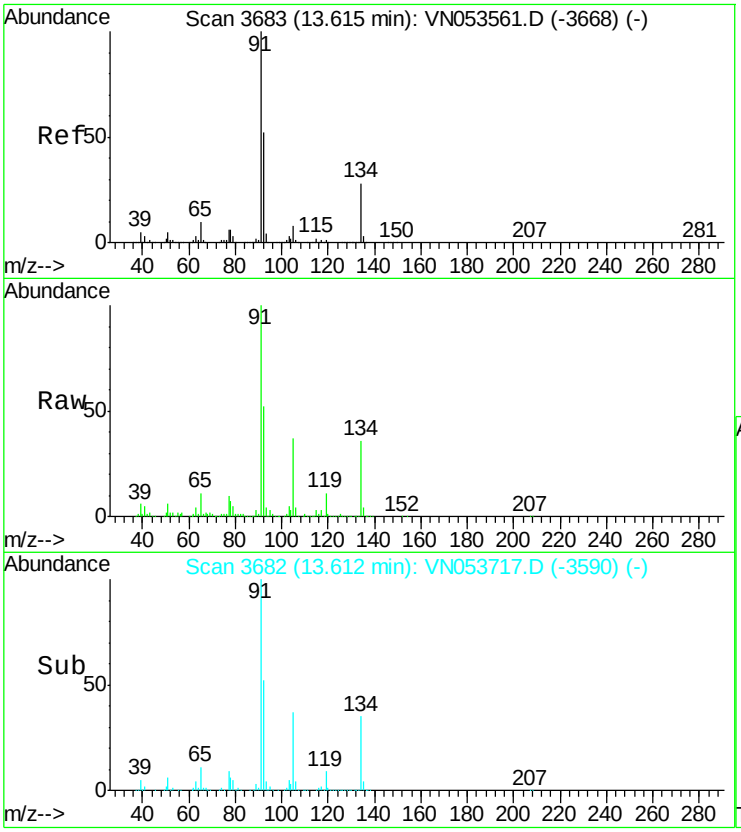


#86
p-Isopropyltoluene
Concen: 7.164 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:119 Resp: 244441

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	21.8	11.0	33.0



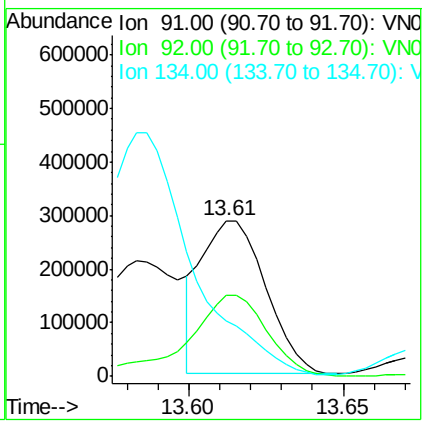


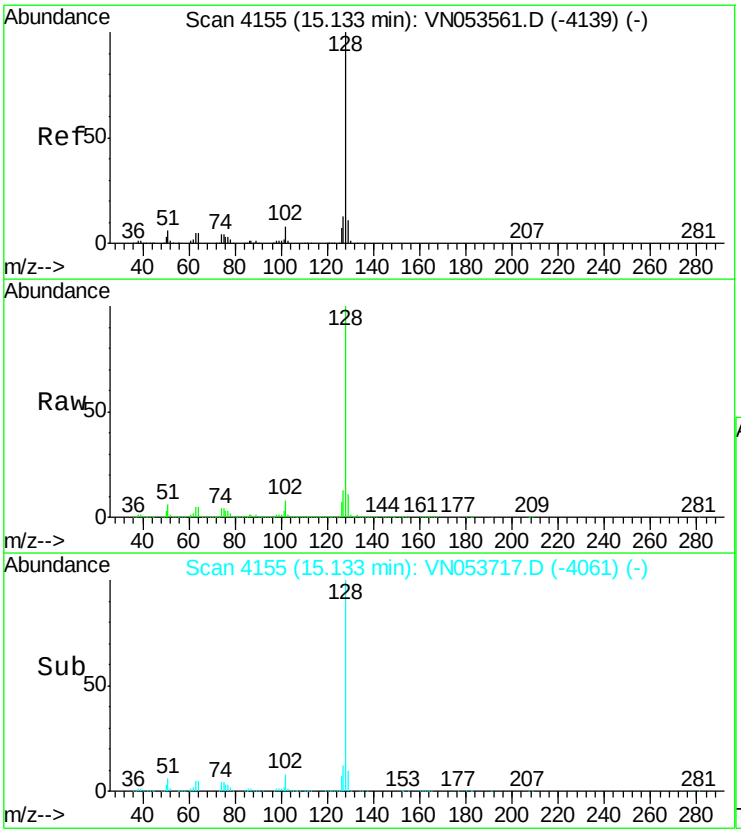
#89
n-Butylbenzene
Concen: 13.991 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Instrument : MSVOA_N
ClientSampleId : 30228

Tgt Ion: 91 Resp: 413167

Ion	Ratio	Lower	Upper
91	100		
92	64.9	26.3	78.8
134	0.0	13.5	40.5#





#95
Naphthalene
Concen: 211.030 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053717.D
Acq: 11 Feb 2019 20:48

Tgt Ion:128 Resp: 5299639

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0