Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
Data File : VN058413.D
Acq On : 27 Sep 2019 17:13
Operator : JC/SP
Sample : K5037-03DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30428DL

Quant Time: Sep 30 08:28:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	471706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	757414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	660378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	328101	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.20%			
35) Dibromofluoromethane	7.57	113	229061	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
50) Toluene-d8	10.09	98	951255	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.40	95	349664	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.36%			
Target Compounds						Qvalue
16) Acetone	3.80	43	7588	3.229	ug/l #	85
19) Methyl tert-butyl Ether	5.02	73	30141	1.920	ug/l #	90
31) Cyclohexane	7.64	56	45679	4.788	ug/l #	76
39) Methylcyclohexane	9.07	83	81552	9.643	ug/l	95
40) Benzene	8.03	78	923618	44.366	ug/l	99
52) Toluene	10.15	92	6209660	473.896	ug/l #	59
67) Ethyl Benzene	11.51	91	3223144	135.561	ug/l	89
68) m/p-Xylenes	11.62	106	4120438	460.608	ug/l #	58
69) o-Xylene	11.95	106	2276249	264.328	ug/l	75
73) Isopropylbenzene	12.25	105	174532	7.434	ug/l	99
78) n-propylbenzene	12.60	91	515158	19.477	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	704418	35.843	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	2781567	141.264	ug/l	94
89) n-Butylbenzene	13.62	91	38027	2.185	ug/l #	70
95) Naphthalene	15.13	128	442817	28.518	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
Data File : VN058413.D
Acq On : 27 Sep 2019 17:13
Operator : JC/SP
Sample : K5037-03DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
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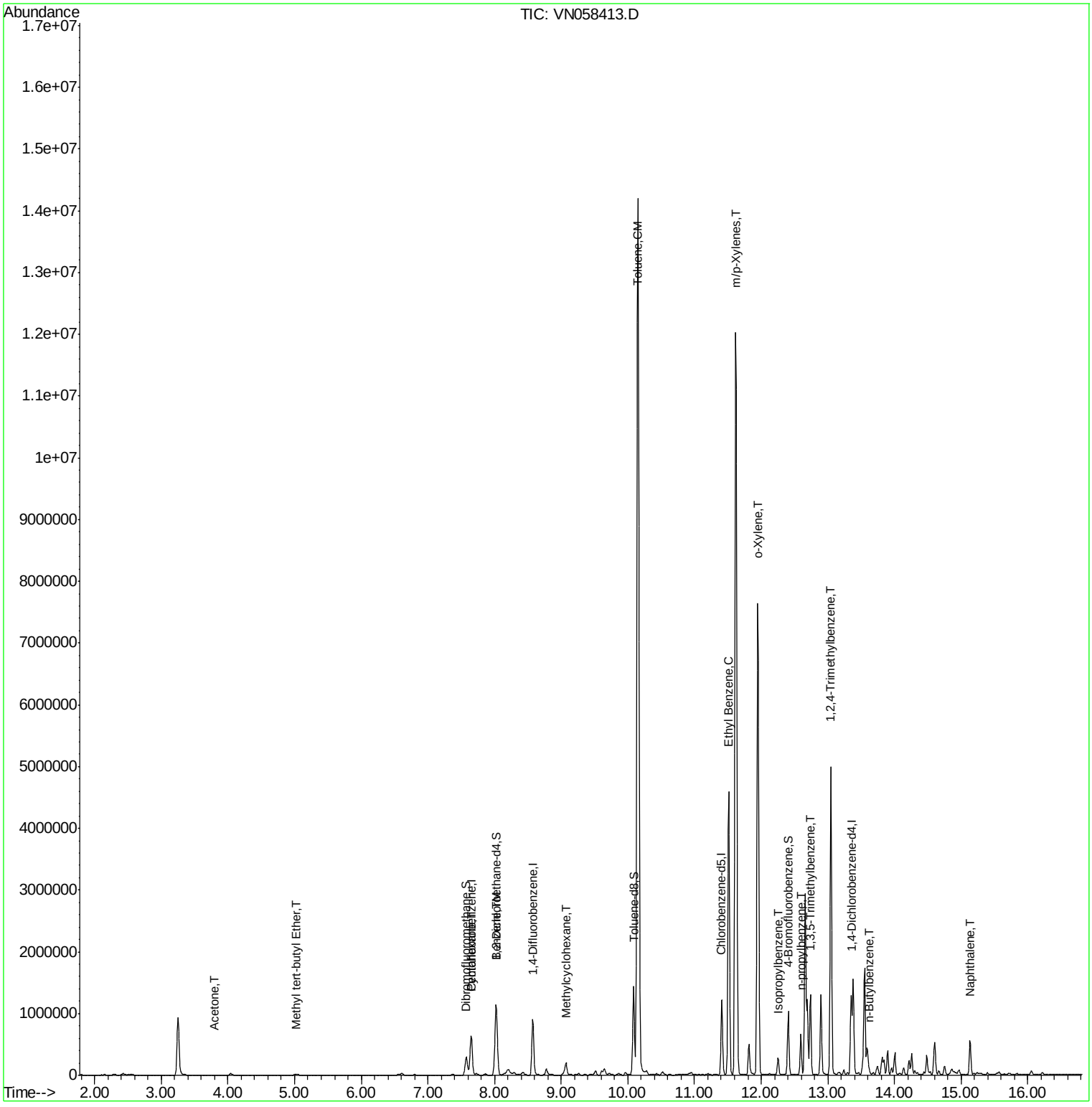
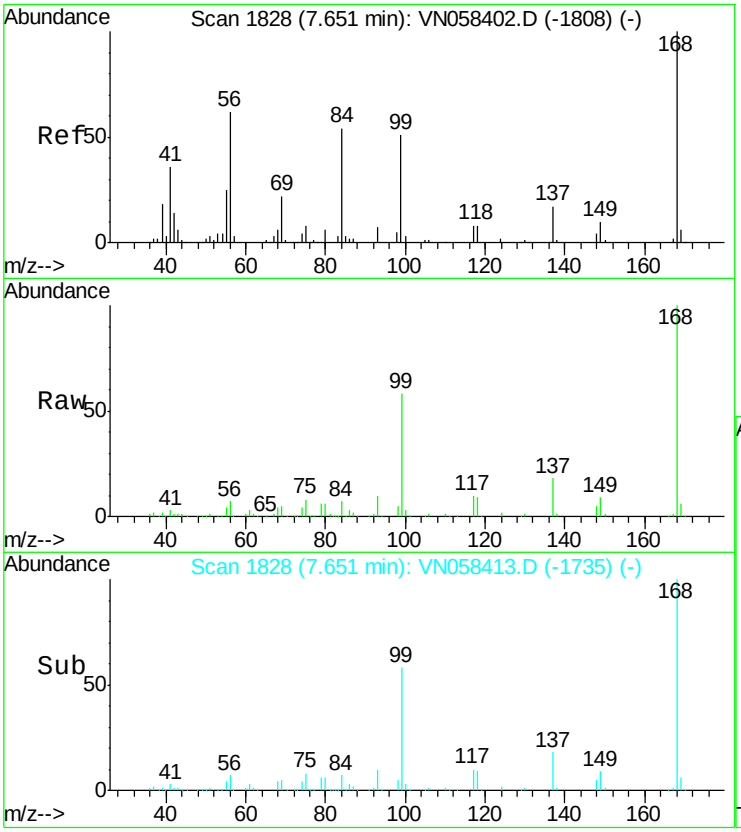
Quant Time: Sep 30 08:28:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration



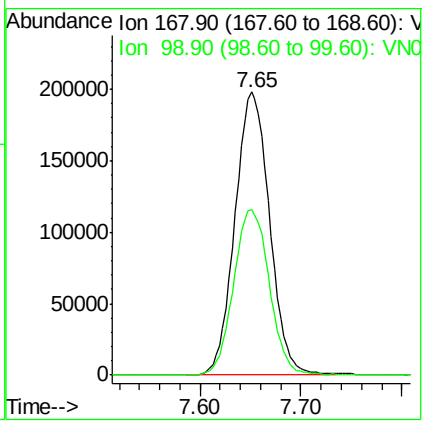


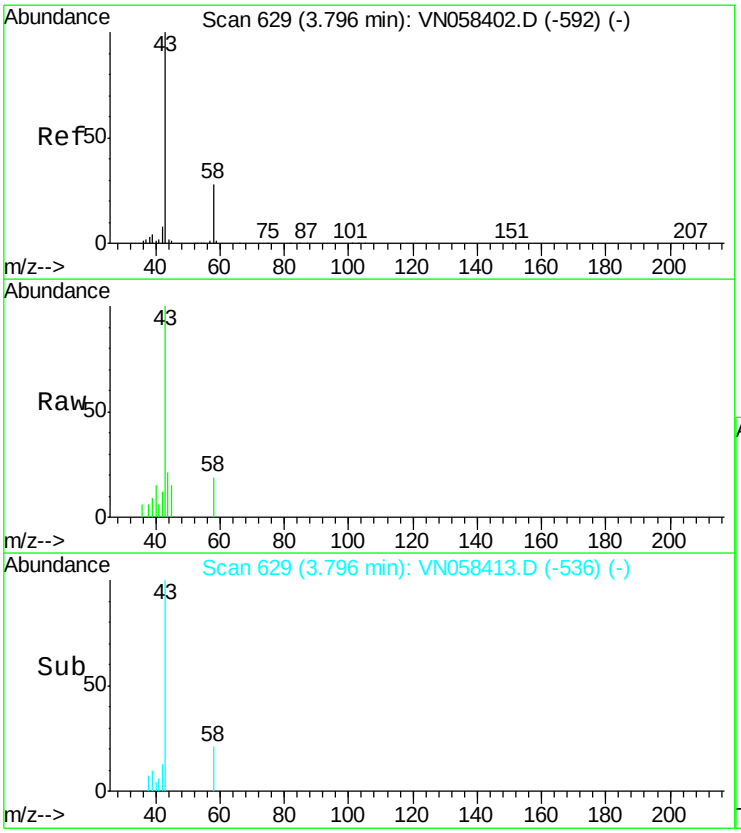
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion:168 Resp: 471706

Ion	Ratio	Lower	Upper
168	100		
99	58.4	47.7	71.5

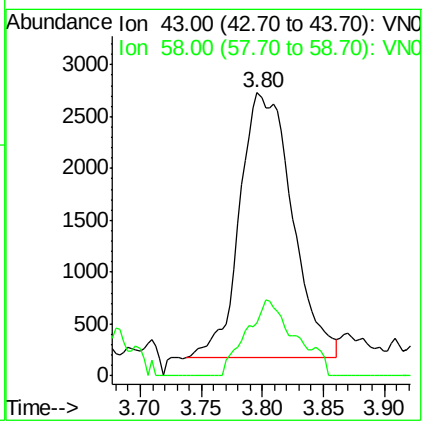


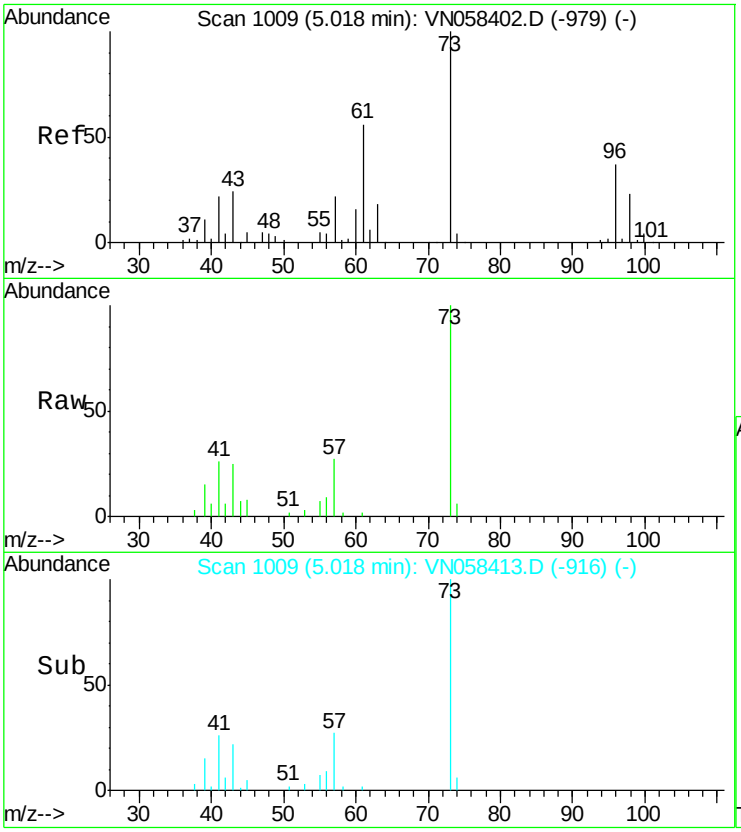


#16
Acetone
Concen: 3.229 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 43 Resp: 7588

Ion	Ratio	Lower	Upper
43	100		
58	20.2	22.4	33.6#



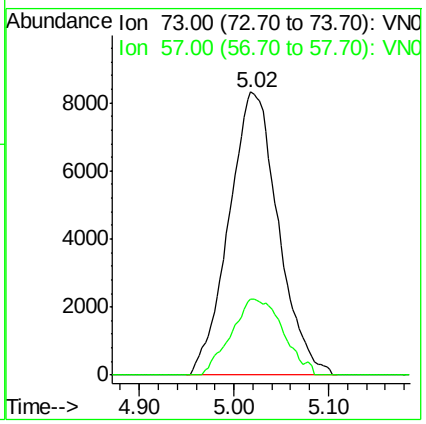


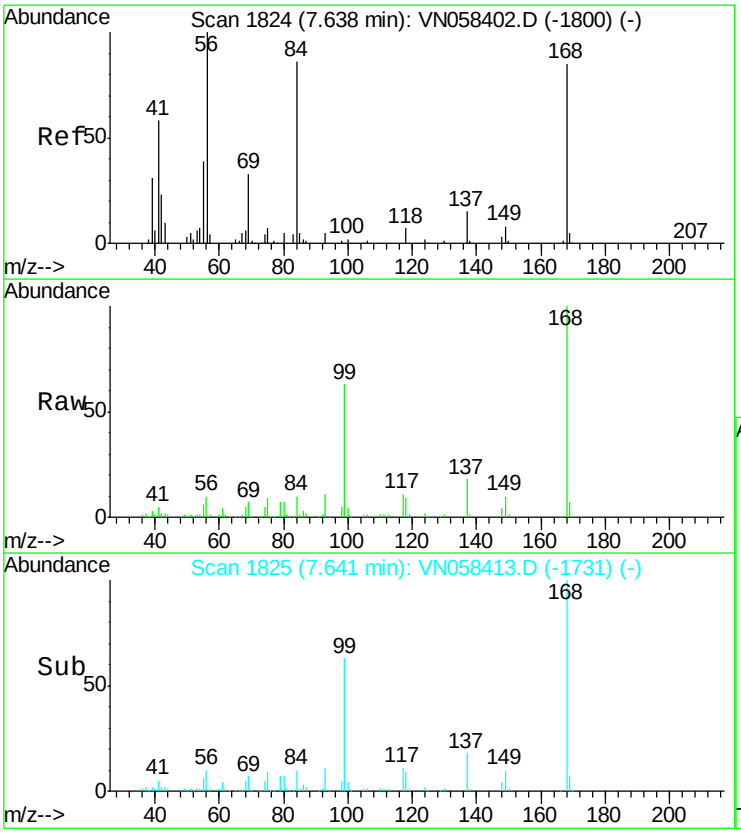
#19
Methyl tert-butyl Ether
Concen: 1.920 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion: 73 Resp: 30141

Ion	Ratio	Lower	Upper
73	100		
57	26.8	17.6	26.4#

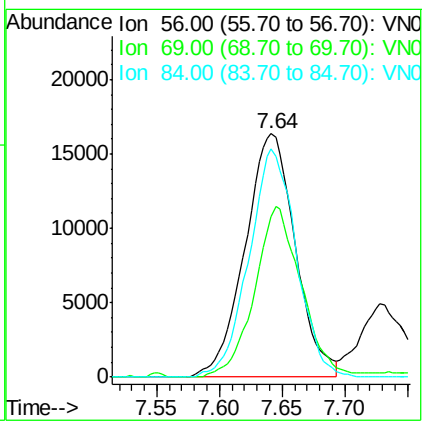


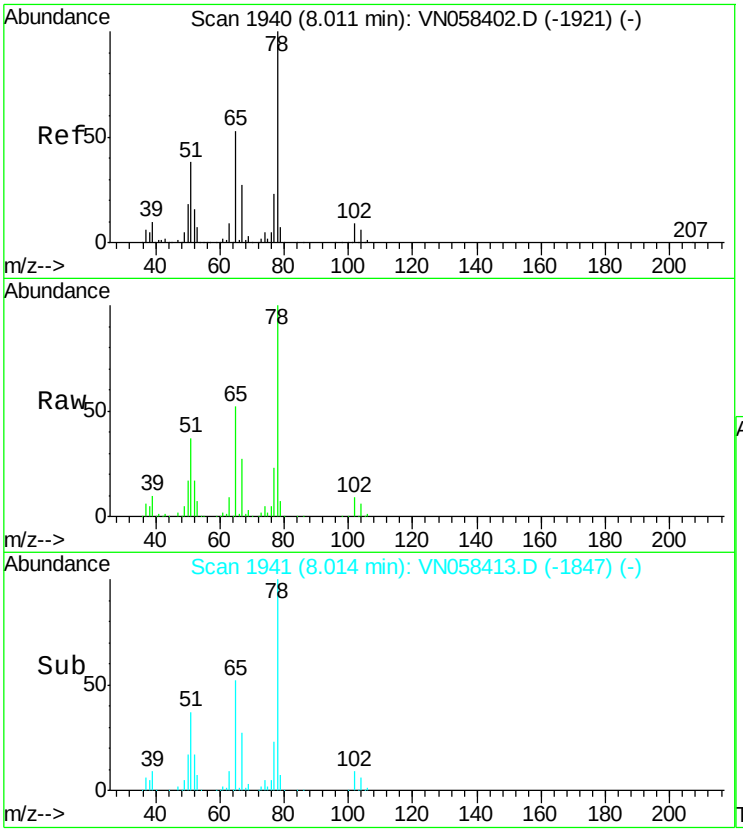


#31
Cyclohexane
Concen: 4.788 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 56 Resp: 45679

Ion	Ratio	Lower	Upper
56	100		
69	65.7	26.2	39.4#
84	93.8	67.6	101.4



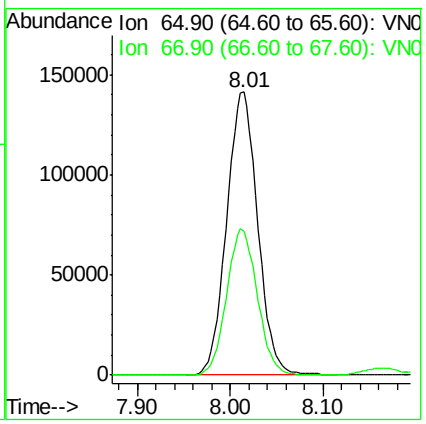


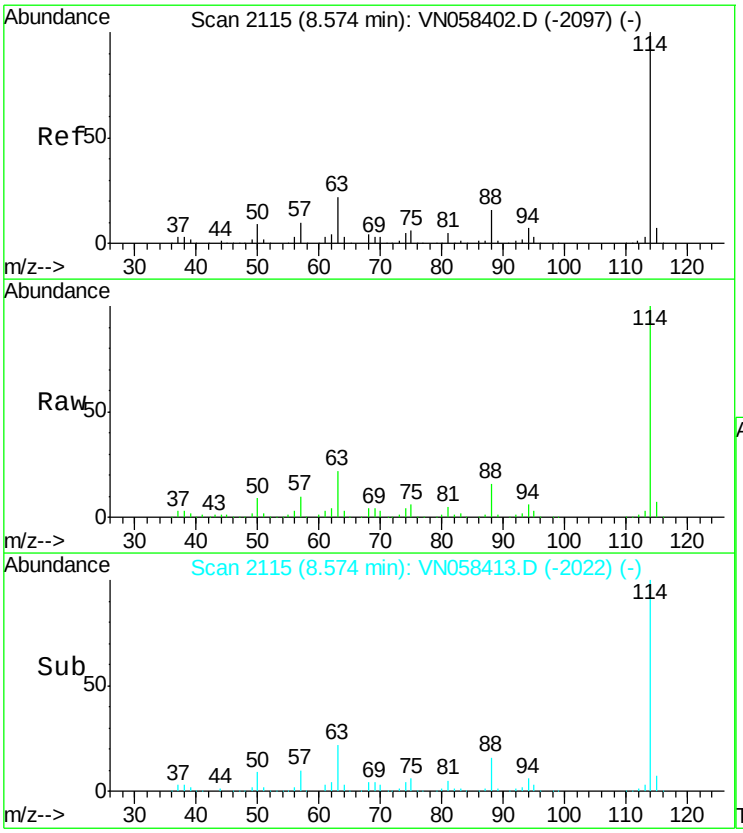
#33
1,2-Dichloroethane-d4
Concen: 47.598 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument : MSVOA_N
ClientSampleId : 30428DL

Tgt Ion: 65 Resp: 328101

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4

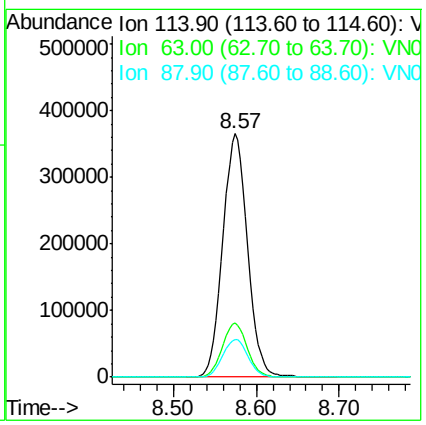


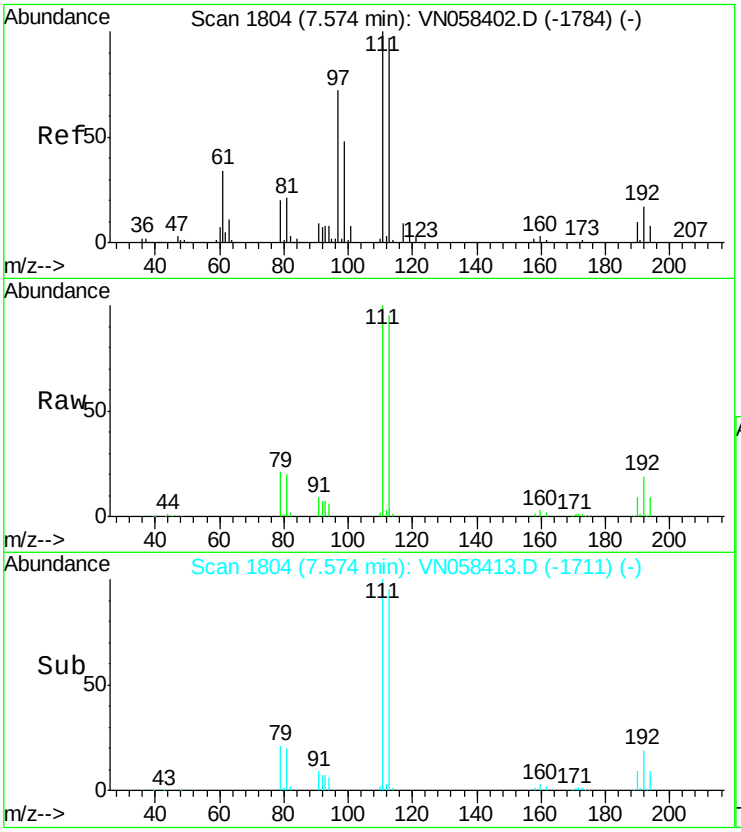


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion:114 Resp: 757414

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	15.6	0.0	32.2



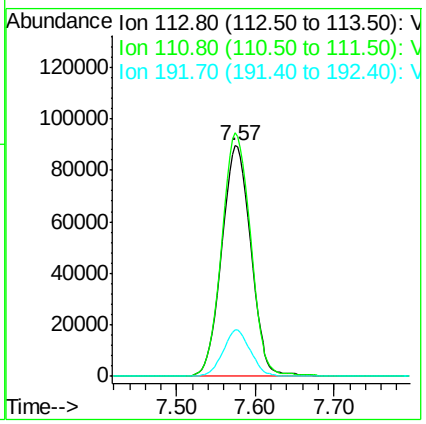


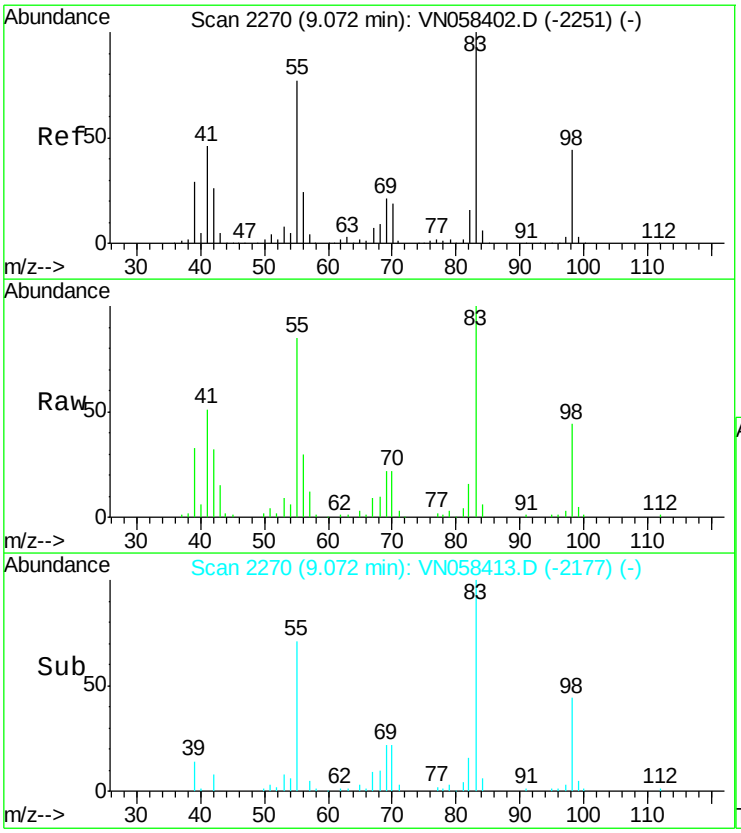
#35
Dibromofluoromethane
Concen: 49.344 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion:113 Resp: 229061

Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.4	125.2
192	19.0	14.9	22.3

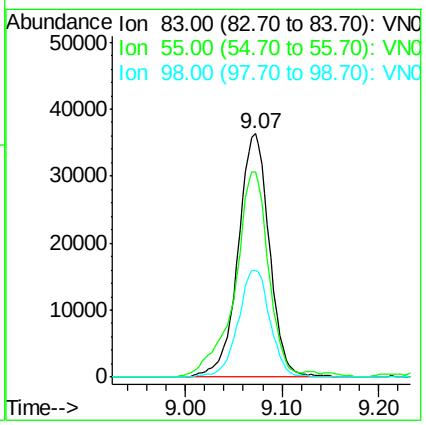


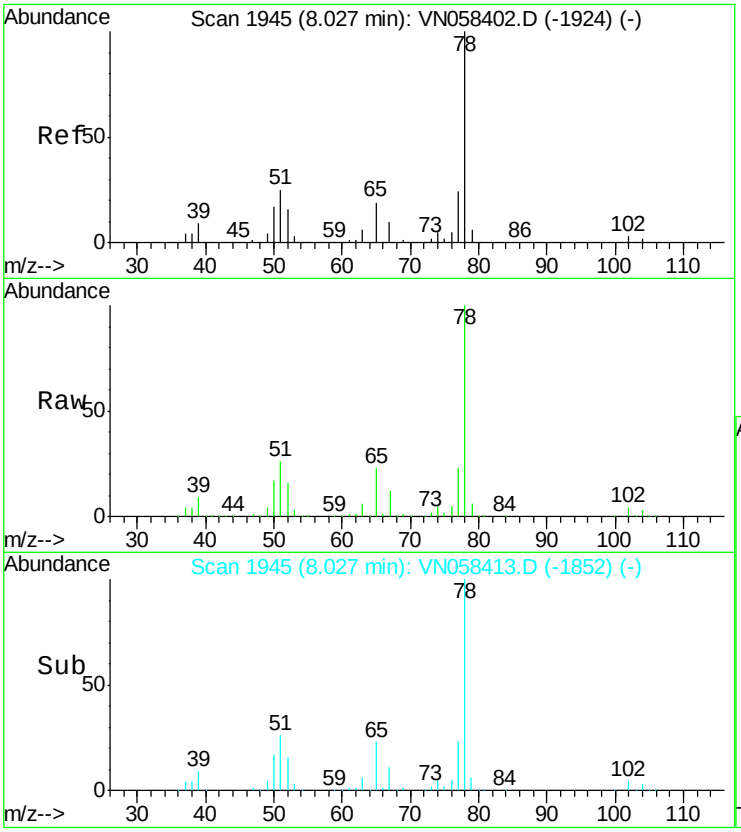


#39
Methylcyclohexane
Concen: 9.643 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 83 Resp: 81552

Ion	Ratio	Lower	Upper
83	100		
55	83.5	61.8	92.6
98	44.1	35.4	53.0



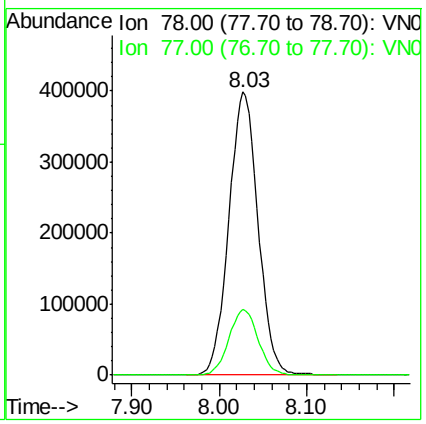


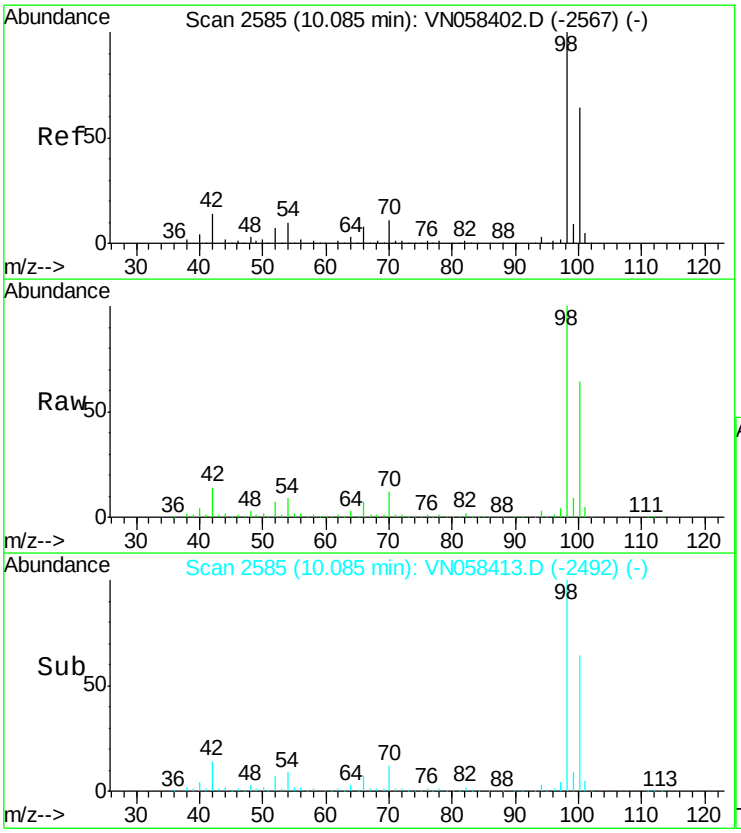
#40
Benzene
Concen: 44.366 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion: 78 Resp: 923618

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3

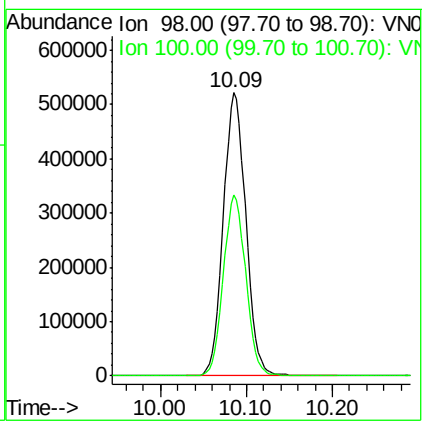


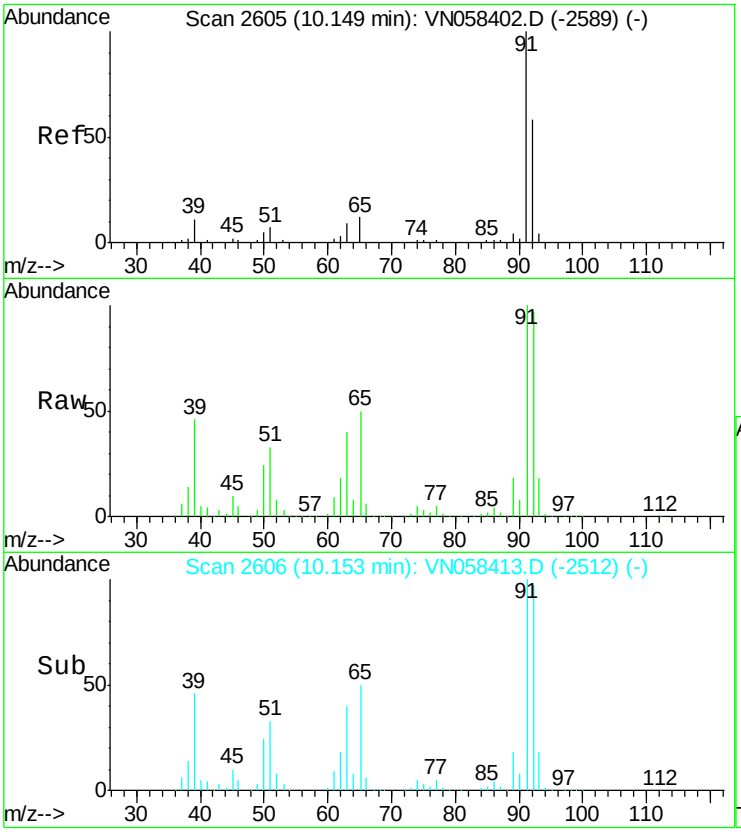


#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 98 Resp: 951255

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.0	76.6



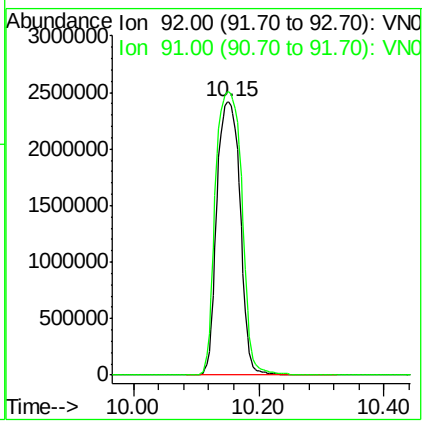


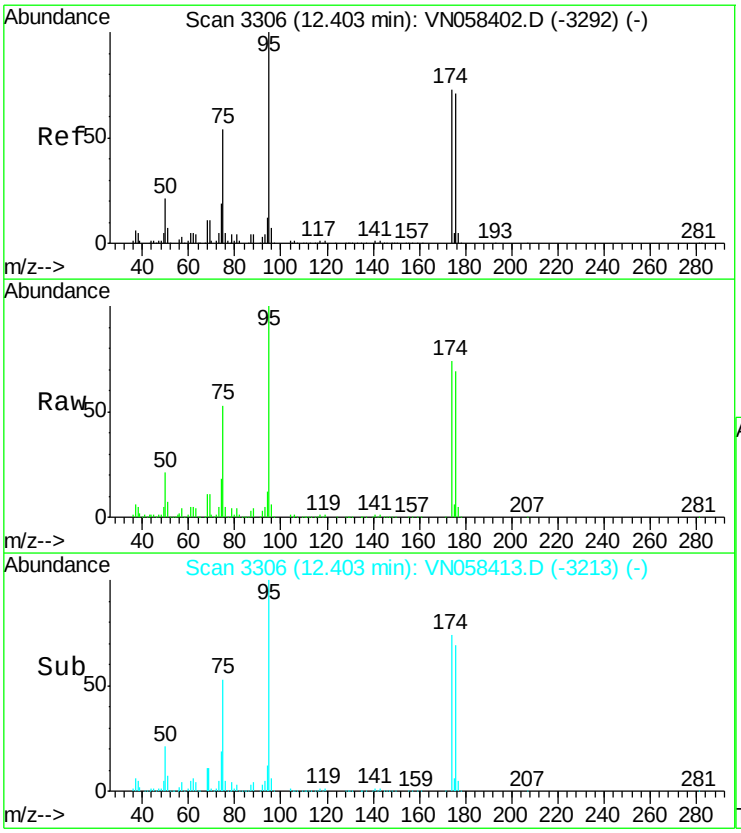
#52
Toluene
Concen: 473.896 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion: 92 Resp: 6209660

Ion	Ratio	Lower	Upper
92	100		
91	118.1	140.2	210.4#

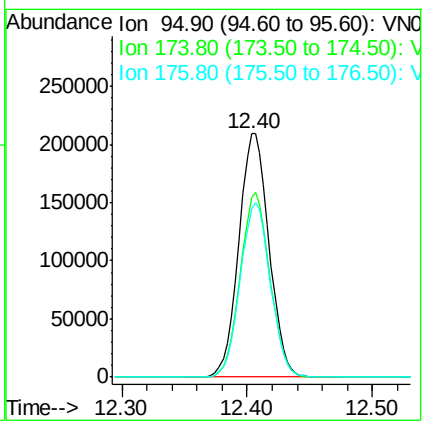


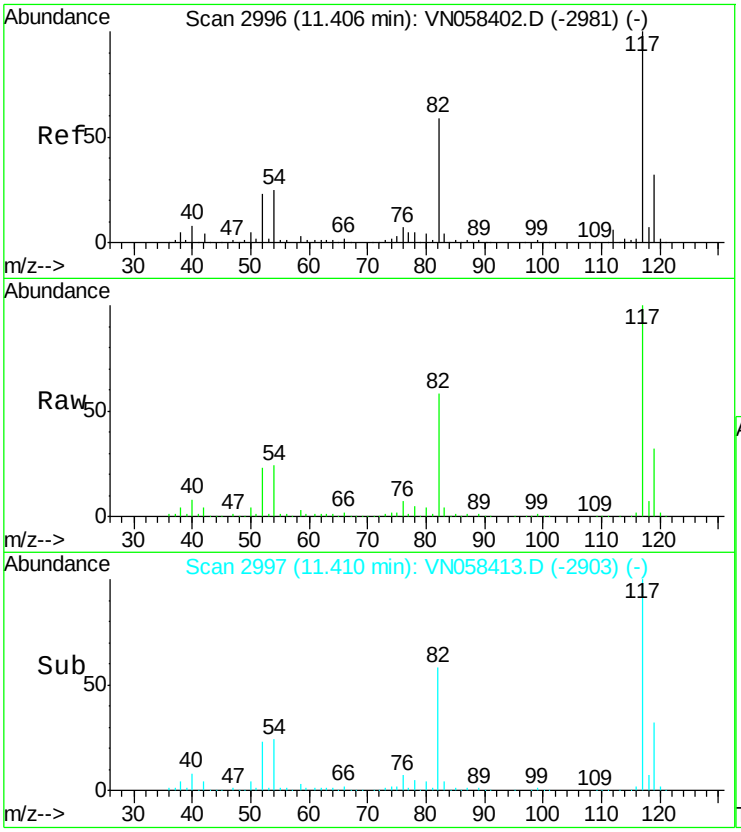


#62
4-Bromofluorobenzene
Concen: 53.178 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 95 Resp: 349664

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.6
176	71.6	0.0	146.2



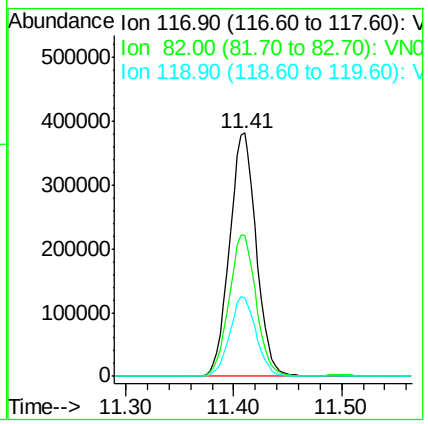


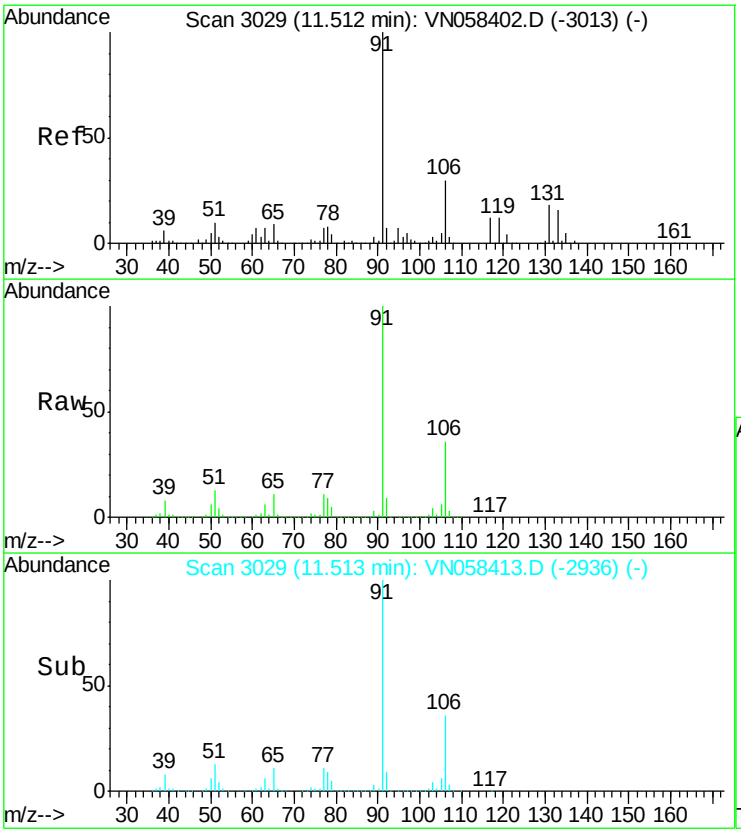
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument : MSVOA_N
ClientSampleId : 30428DL

Tgt Ion:117 Resp: 660378

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.0
119	32.4	25.5	38.3

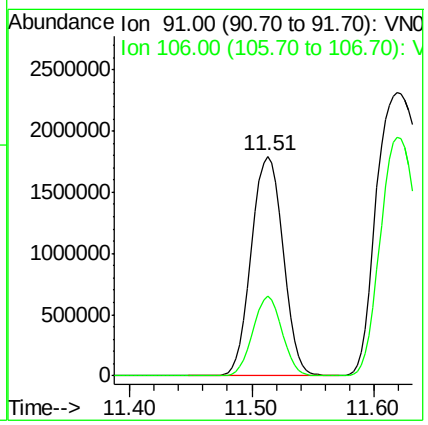


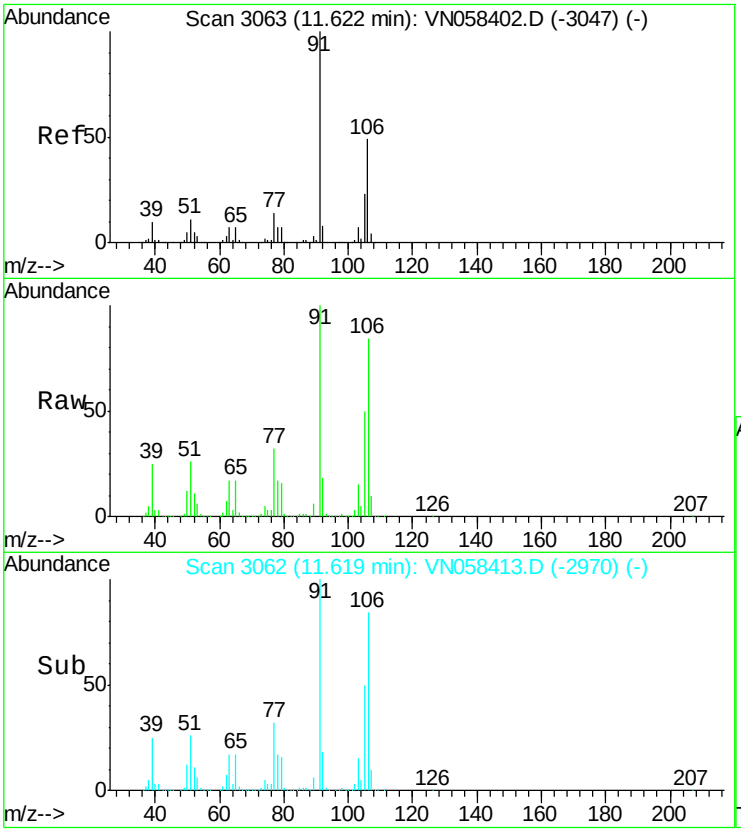


#67
Ethyl Benzene
Concen: 135.561 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 91 Resp: 3223144

Ion	Ratio	Lower	Upper
91	100		
106	36.4	24.3	36.5



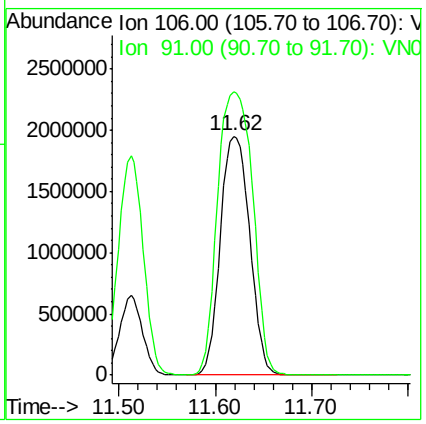


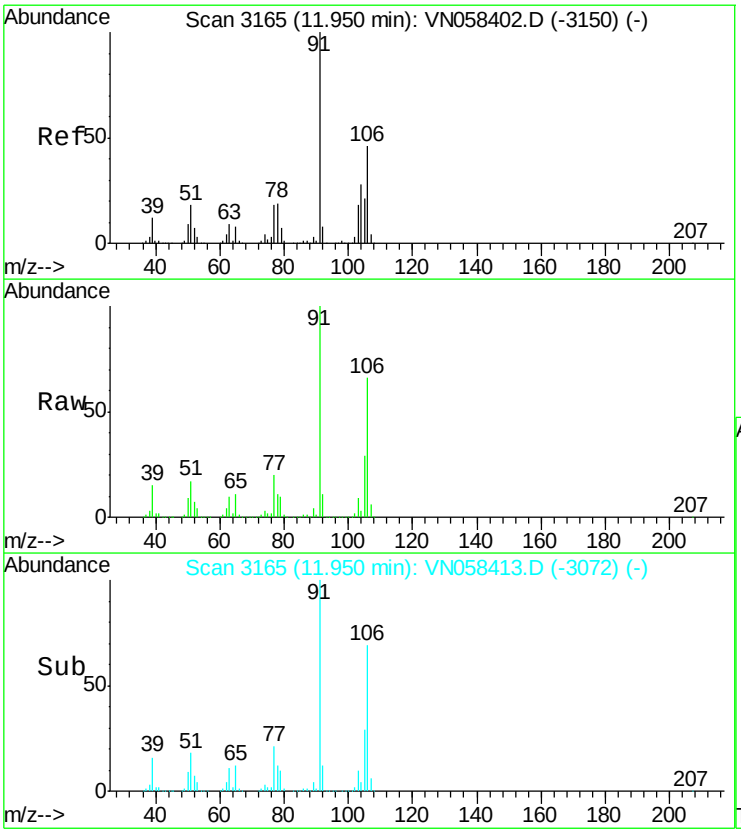
#68
m/p-Xylenes
Concen: 460.608 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion:106 Resp: 4120438

Ion	Ratio	Lower	Upper
106	100		
91	142.0	165.0	247.4#

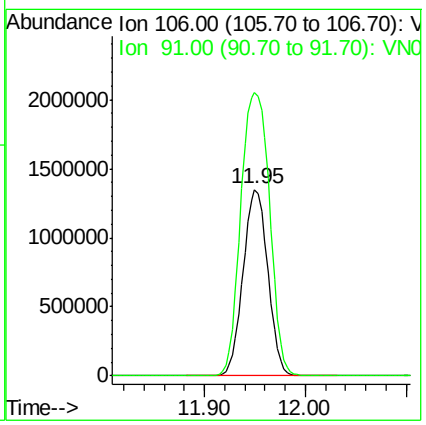


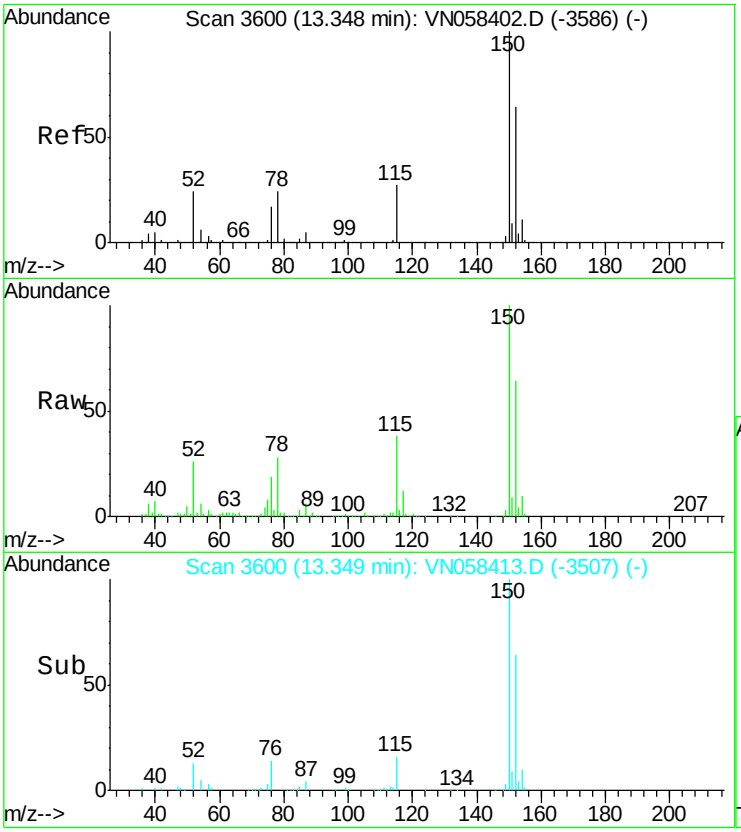


#69
o-Xylene
Concen: 264.328 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion:106 Resp: 2276249

Ion	Ratio	Lower	Upper
106	100		
91	177.7	109.1	327.4



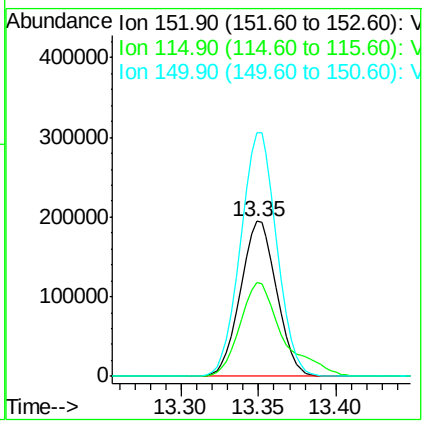


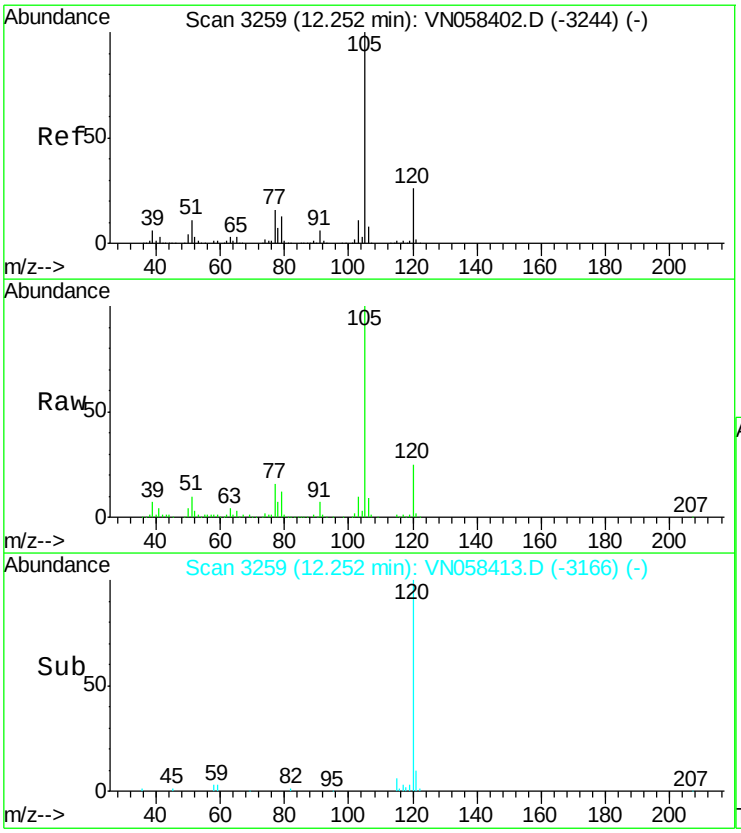
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument : MSVOA_N
ClientSampleId : 30428DL

Tgt Ion:152 Resp: 317683

Ion	Ratio	Lower	Upper
152	100		
115	70.3	30.0	90.0
150	156.9	0.0	348.2

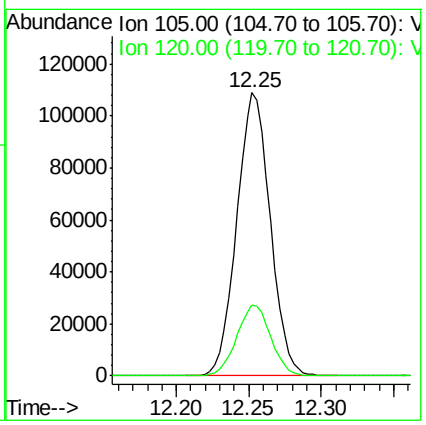


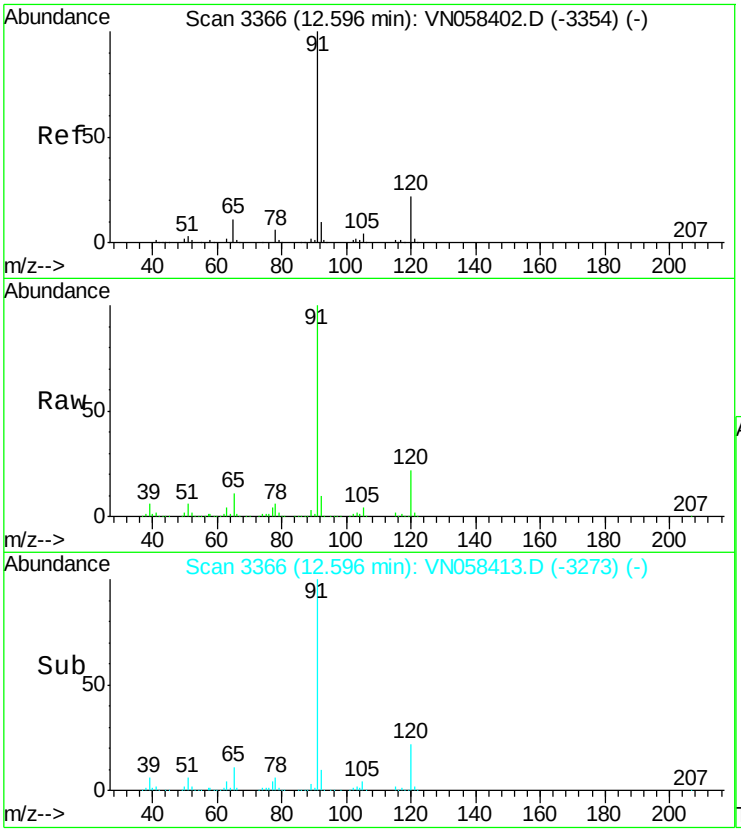


#73
Isopropylbenzene
Concen: 7.434 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion:105 Resp: 174532

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4



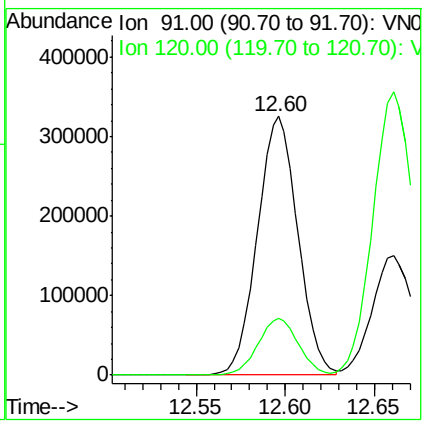


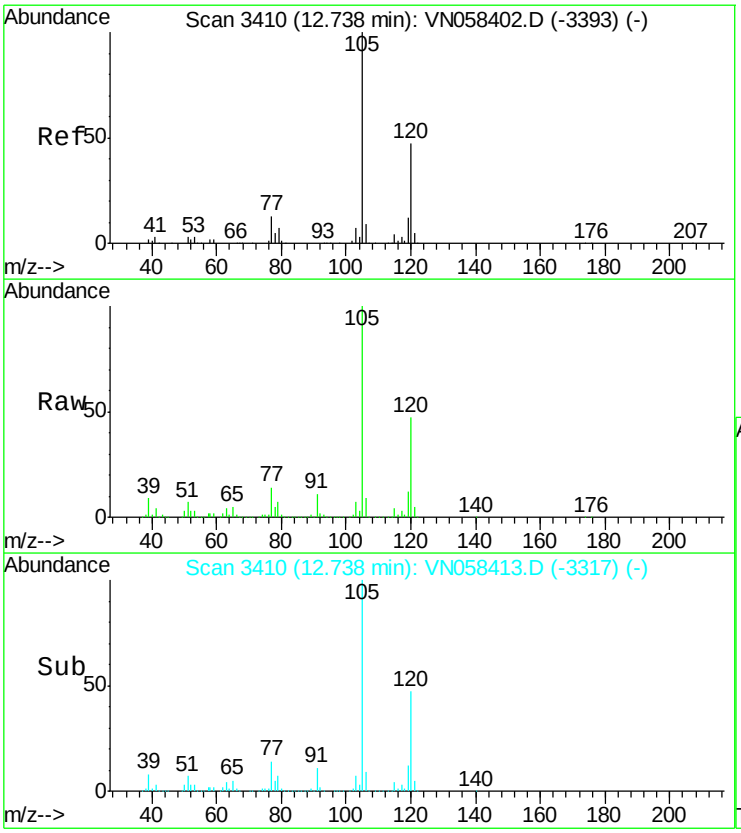
#78
n-propylbenzene
Concen: 19.477 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument : MSVOA_N
ClientSampleId : 30428DL

Tgt Ion: 91 Resp: 515158

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9

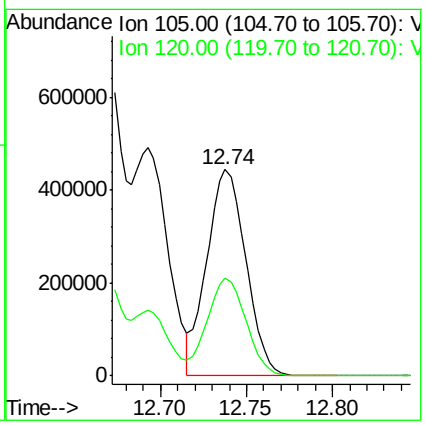


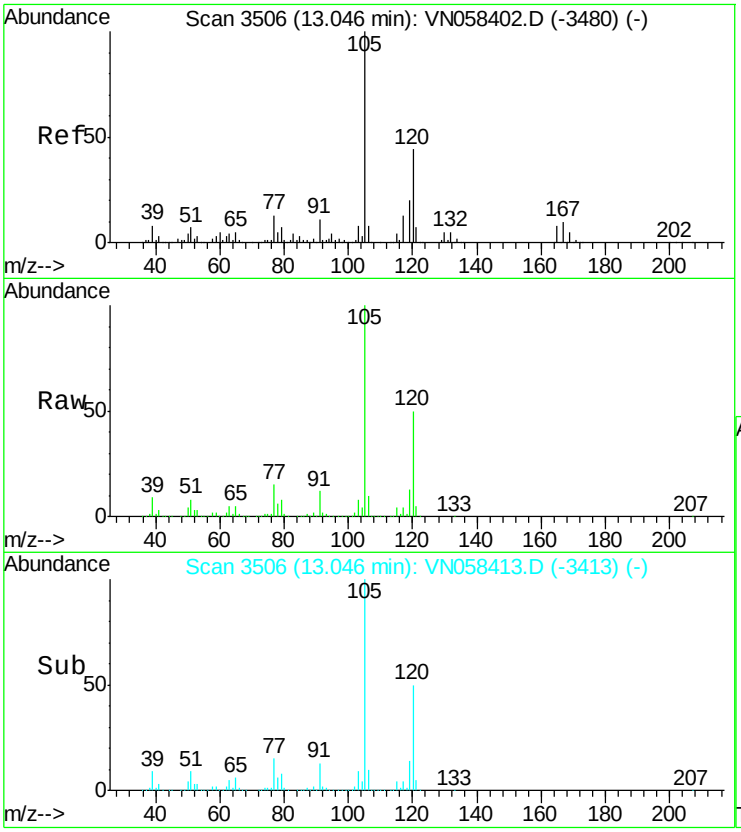


#80
1,3,5-Trimethylbenzene
Concen: 35.843 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion:105 Resp: 704418

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.6



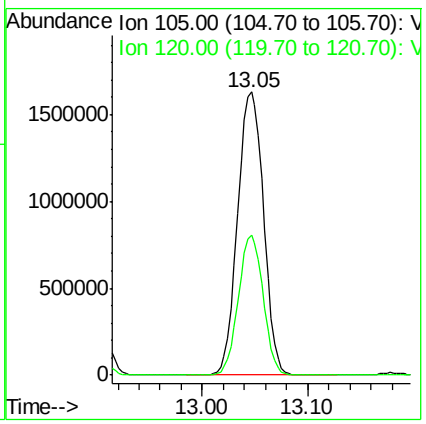


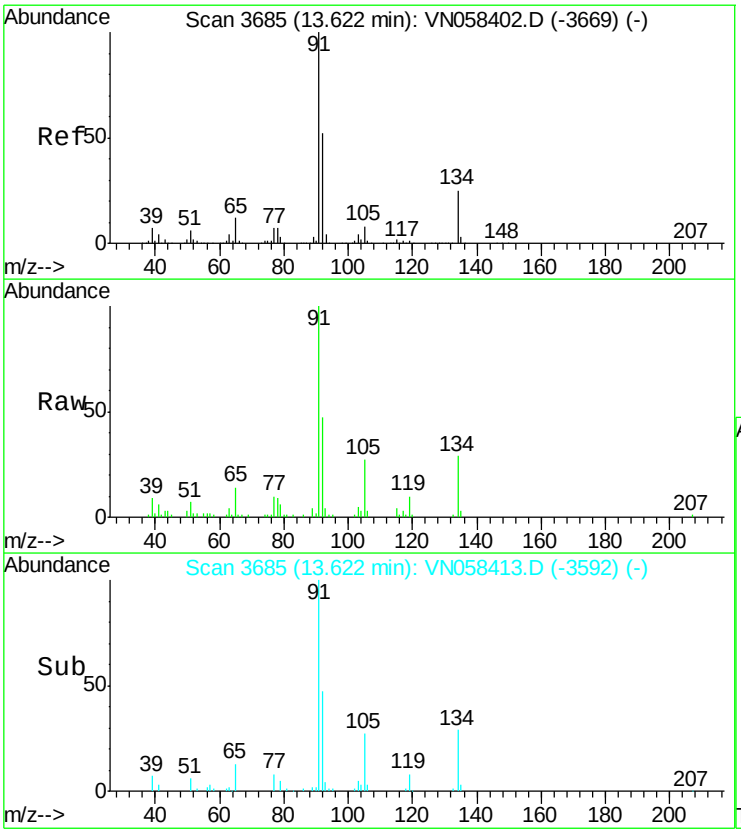
#84
1,2,4-Trimethylbenzene
Concen: 141.264 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion:105 Resp: 2781567

Ion	Ratio	Lower	Upper
105	100		
120	47.2	21.7	65.1

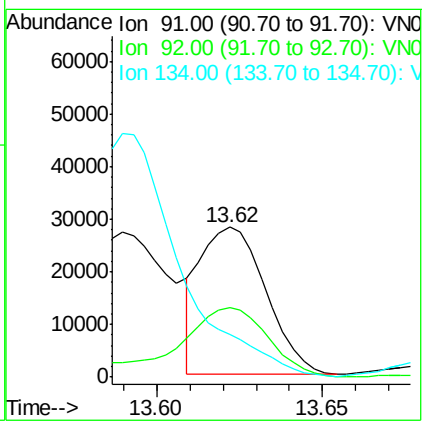


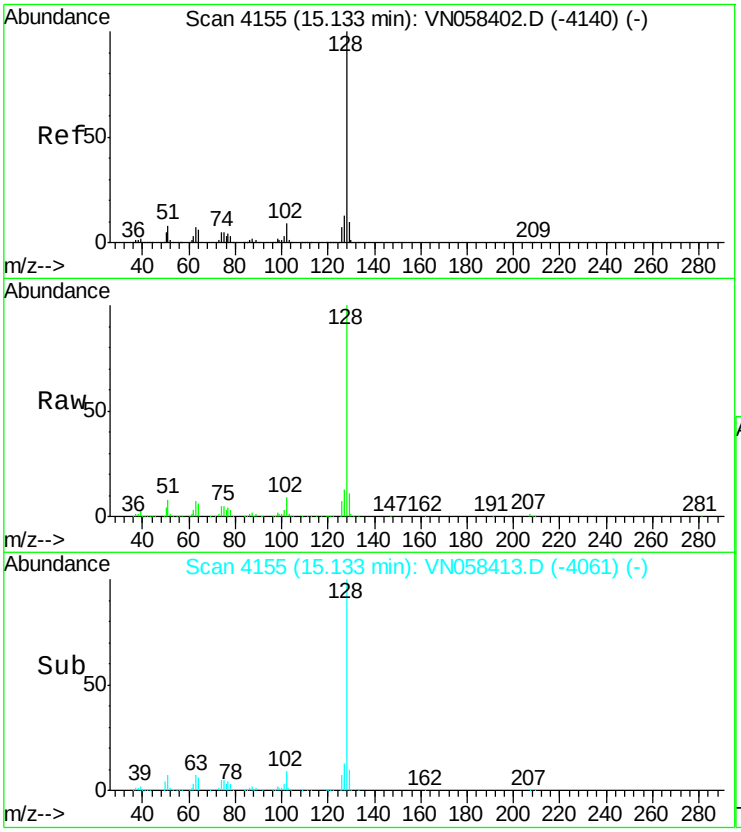


#89
n-Butylbenzene
Concen: 2.185 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Tgt Ion: 91 Resp: 38027

Ion	Ratio	Lower	Upper
91	100		
92	66.4	25.7	77.1
134	0.0	12.2	36.6#





#95
Naphthalene
Concen: 28.518 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058413.D
Acq: 27 Sep 2019 17:13

Instrument :
MSVOA_N
ClientSampleId :
30428DL

Tgt Ion:128 Resp: 442817

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.3	12.5