Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
Data File : VN059616.D
Acq On : 16 Dec 2019 20:19
Operator : JC/SP
Sample : K6145-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TH-3

Quant Time: Dec 17 06:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	244796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	390659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	361467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	174225	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
35) Dibromofluoromethane	7.57	113	125012	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.28%			
50) Toluene-d8	10.08	98	496355	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.58%			
62) 4-Bromofluorobenzene	12.40	95	169677	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
Target Compounds						Qvalue
16) Acetone	3.79	43	16359	7.735	ug/l	99
20) Methylene Chloride	4.52	84	598430	195.925	ug/l	99
43) Isopropyl Acetate	8.14	43	60557	8.226	ug/l #	91
67) Ethyl Benzene	11.51	91	15992	1.133	ug/l	97
68) m/p-Xylenes	11.61	106	21992	4.219	ug/l	99
69) o-Xylene	11.94	106	10221	2.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	60171	6.090	ug/l	99
95) Naphthalene	15.12	128	112514	11.146	ug/l	99

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

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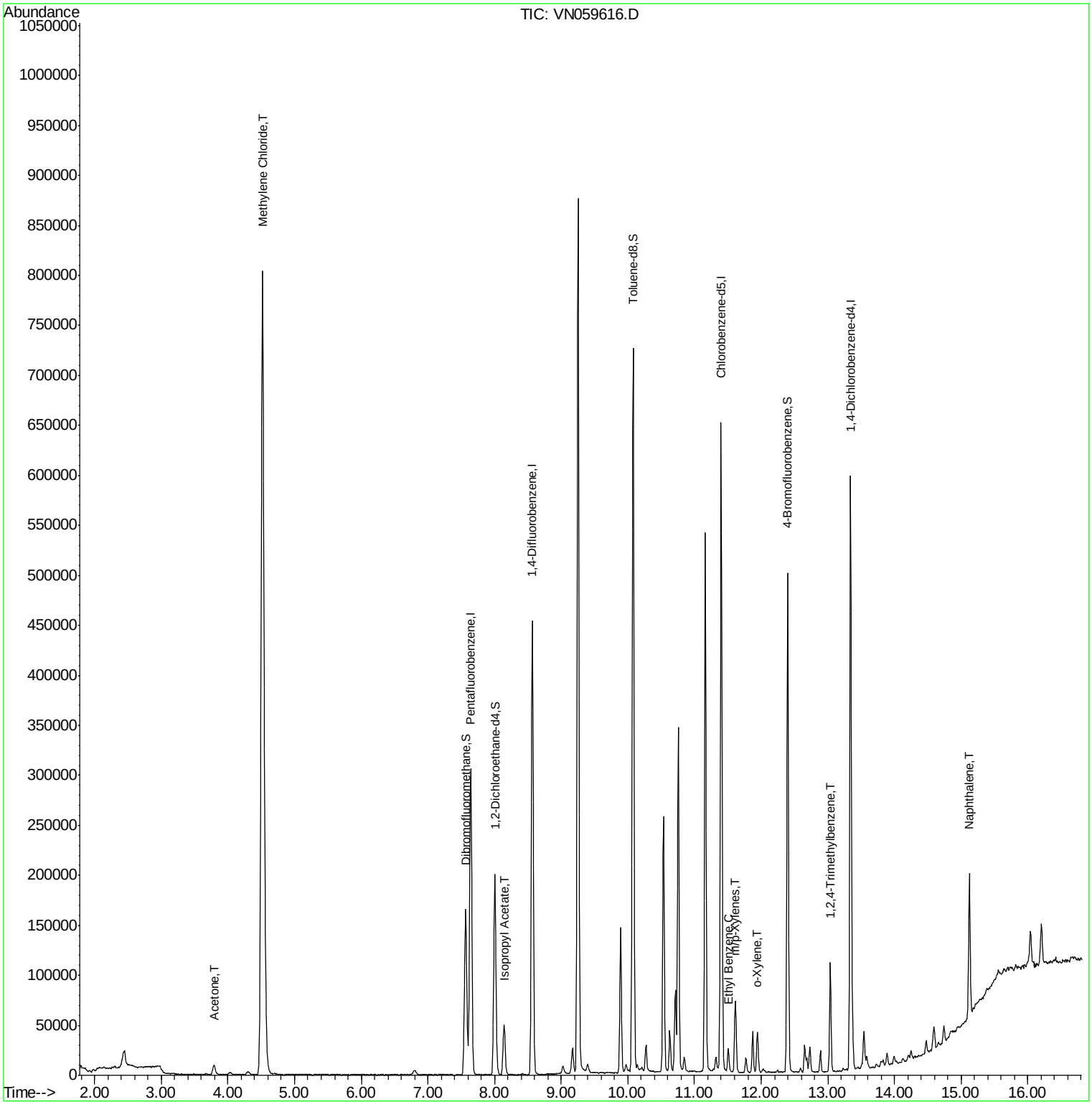
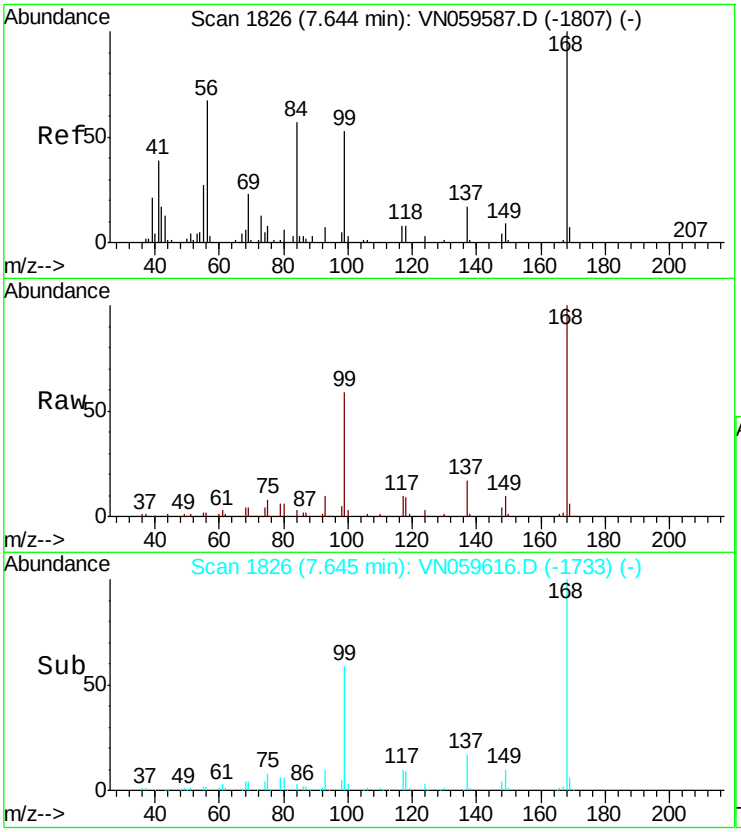


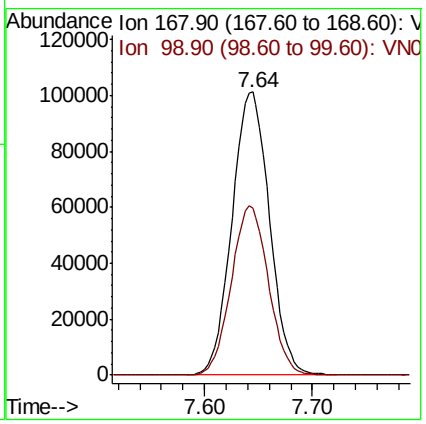


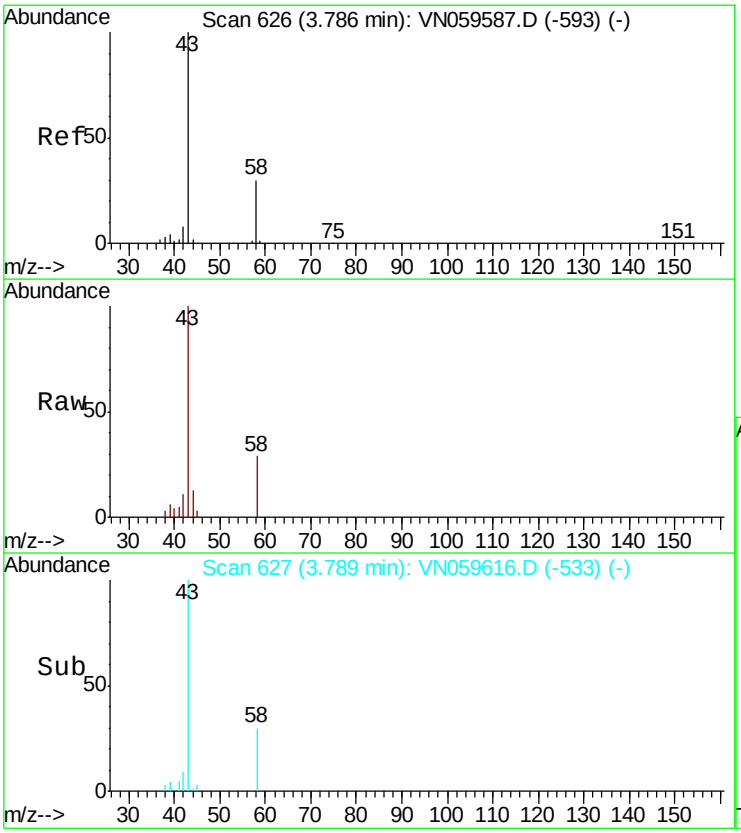
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion:168 Resp: 244796

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.2	72.4

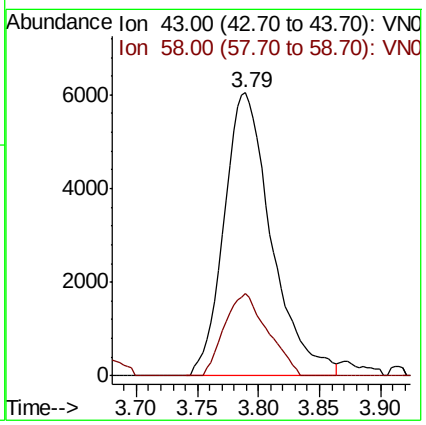


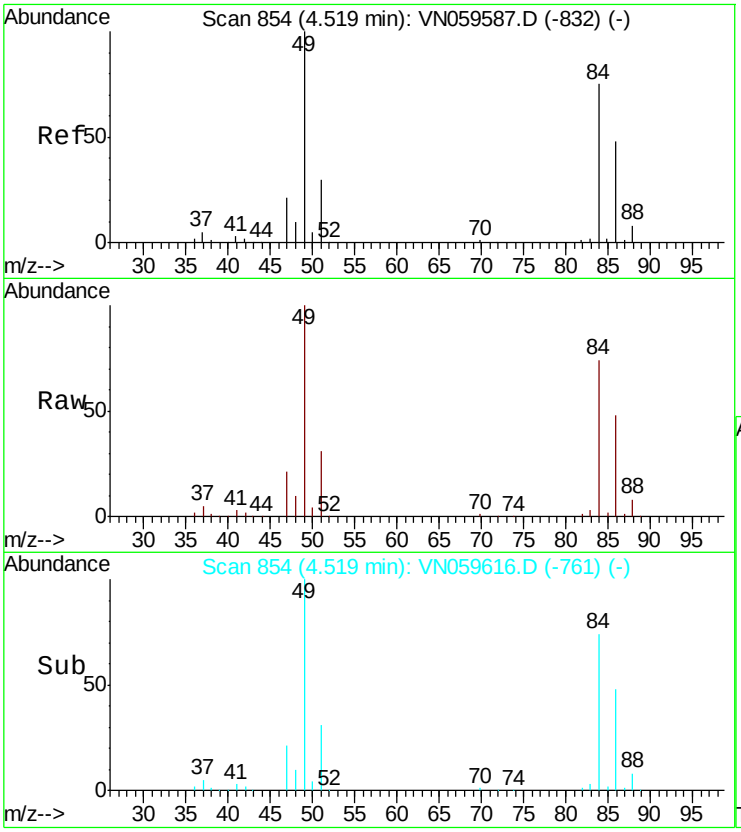


#16
Acetone
Concen: 7.735 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion: 43 Resp: 16359

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.6	35.4



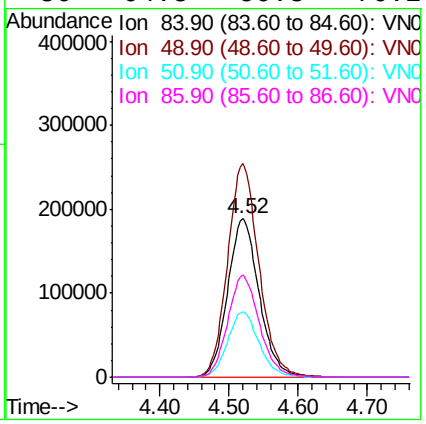


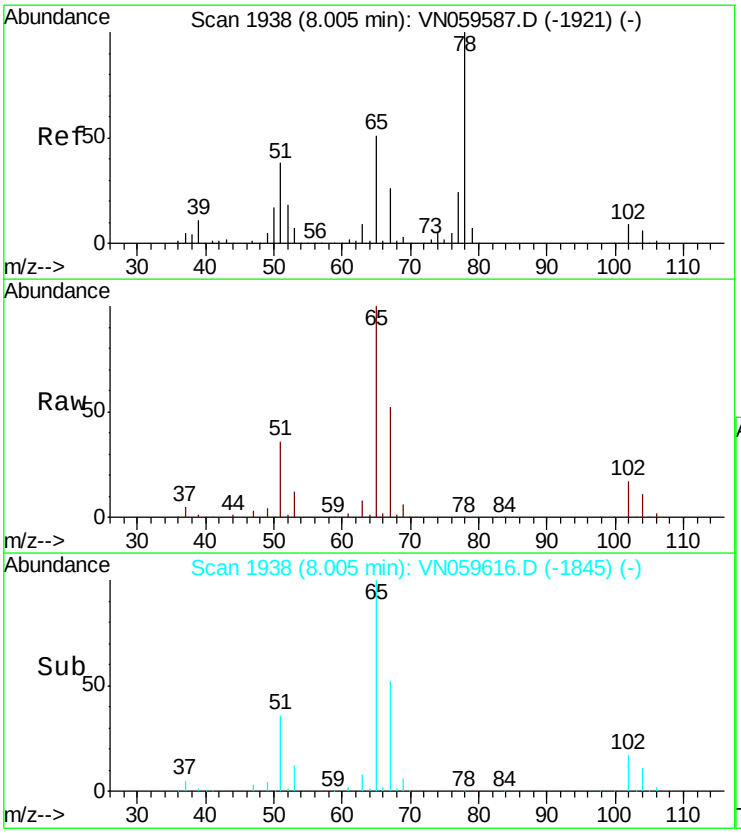
#20
Methylene Chloride
Concen: 195.925 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion: 84 Resp: 598430

Ion	Ratio	Lower	Upper
84	100		
49	134.7	106.6	160.0
51	41.3	31.9	47.9
86	64.3	50.8	76.2

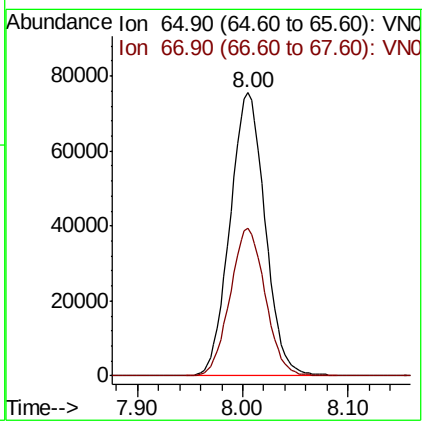


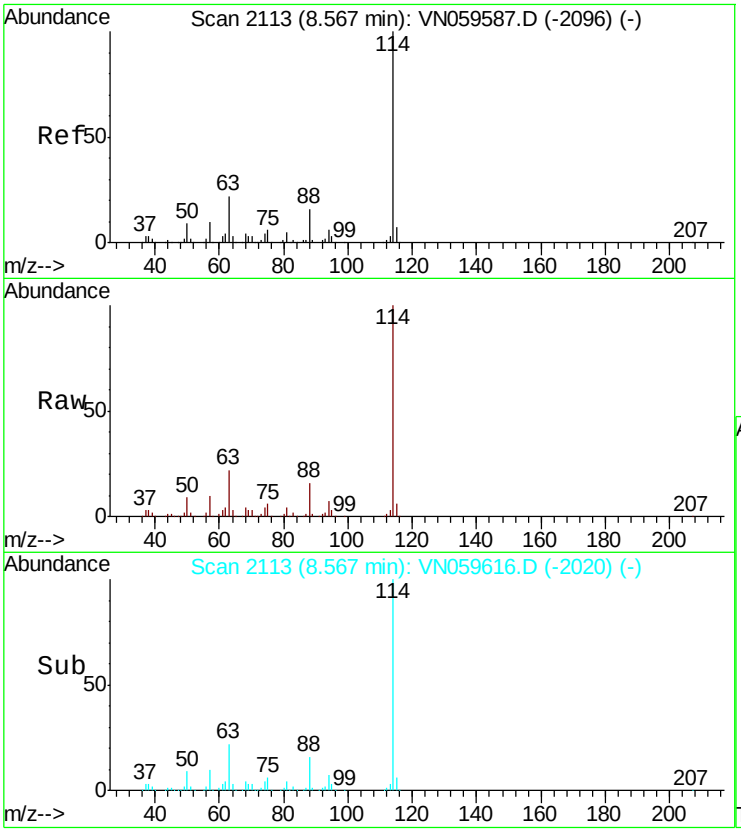


#33
1,2-Dichloroethane-d4
Concen: 48.910 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion: 65 Resp: 174225

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



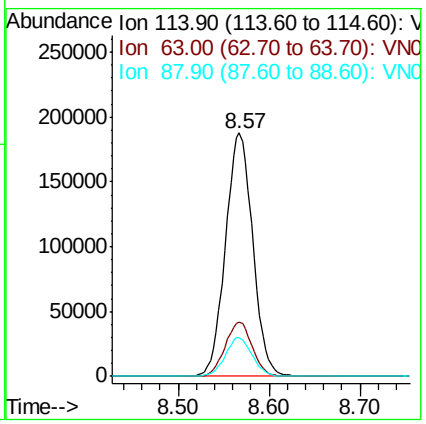


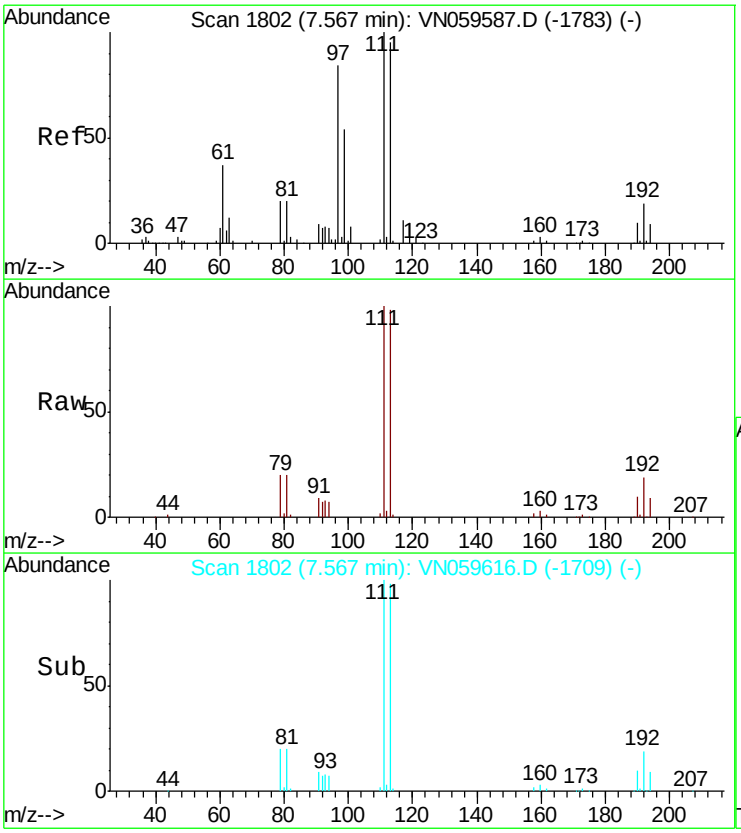
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion:114 Resp: 390659

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.6
88	15.7	0.0	31.4

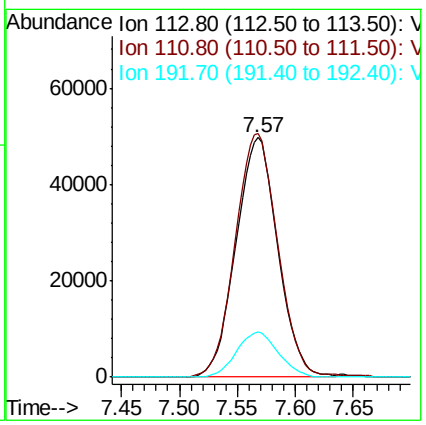


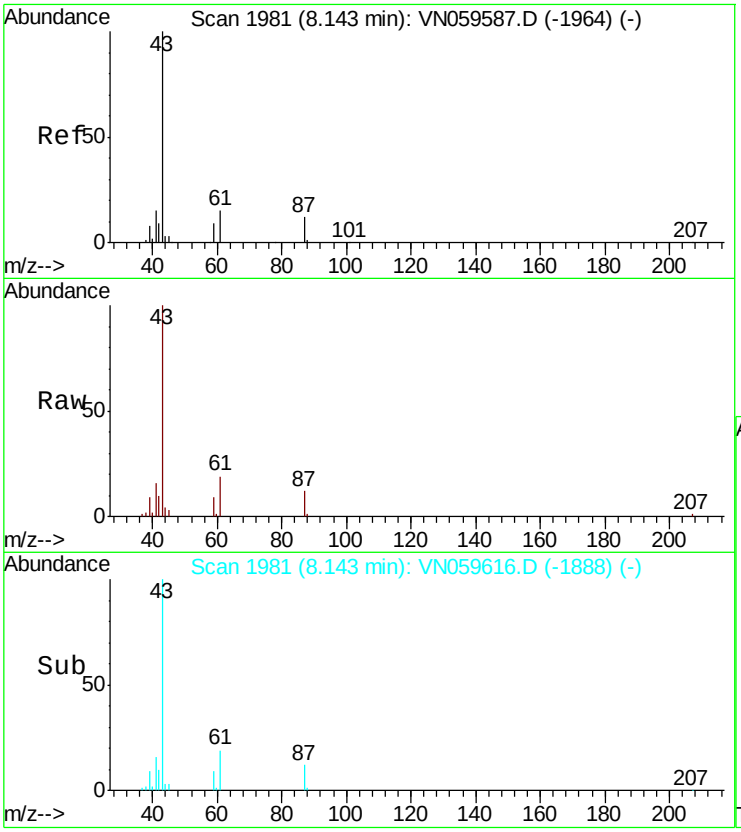


#35
Dibromofluoromethane
Concen: 51.144 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion:113 Resp: 125012

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	18.9	15.4	23.2



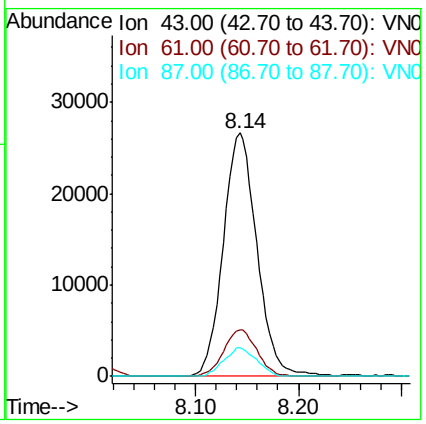


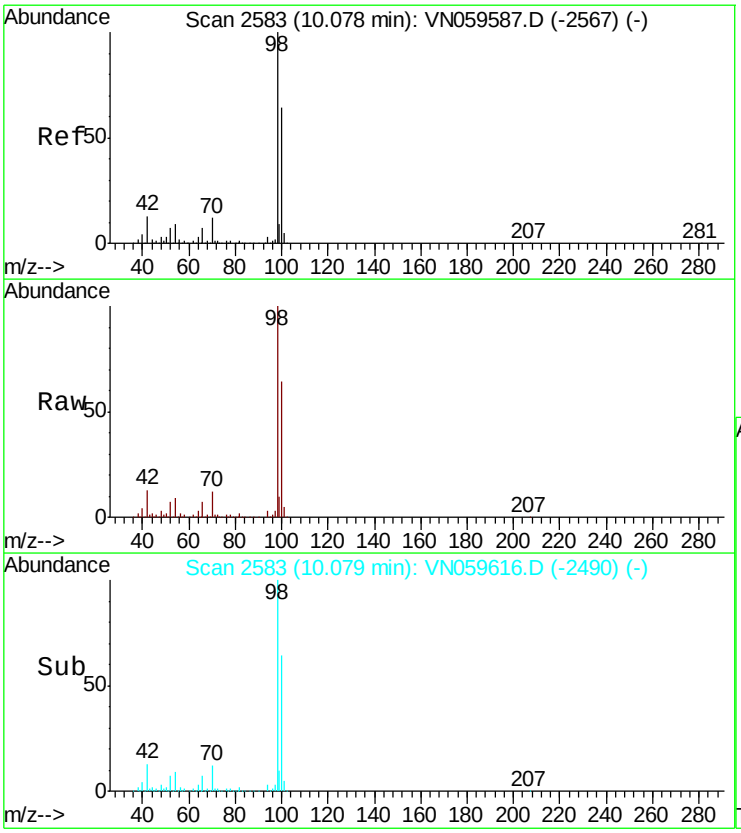
#43
Isopropyl Acetate
Concen: 8.226 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument : MSVOA_N
ClientSampleId : TH-3

Tgt Ion: 43 Resp: 60557

Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.2	30.2#
87	11.3	9.5	14.3

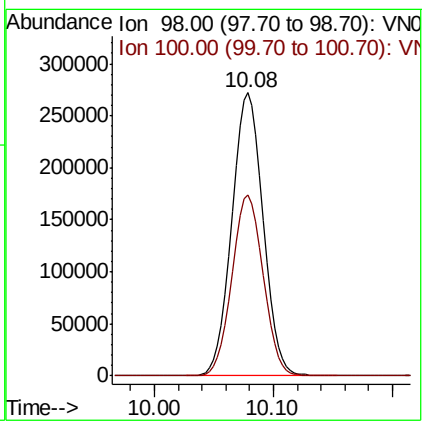


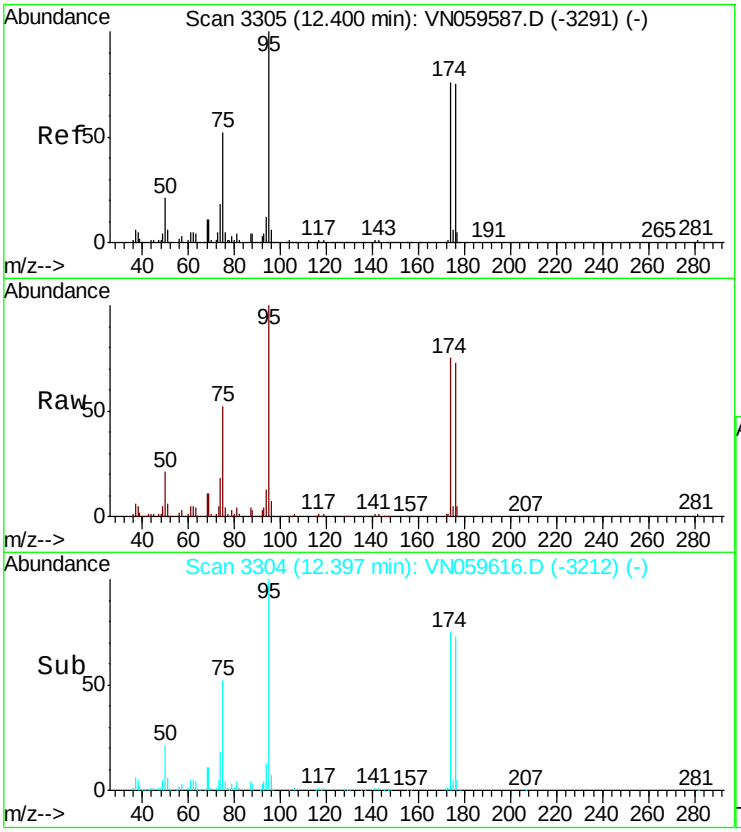


#50
Toluene-d8
Concen: 51.290 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion: 98 Resp: 496355

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



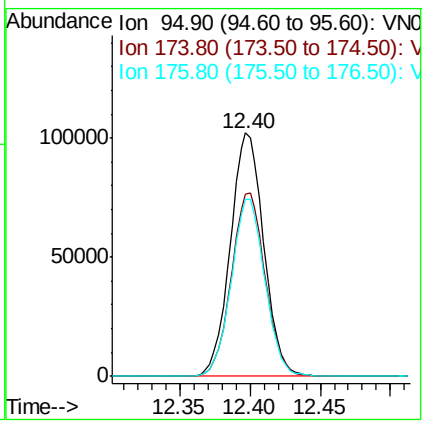


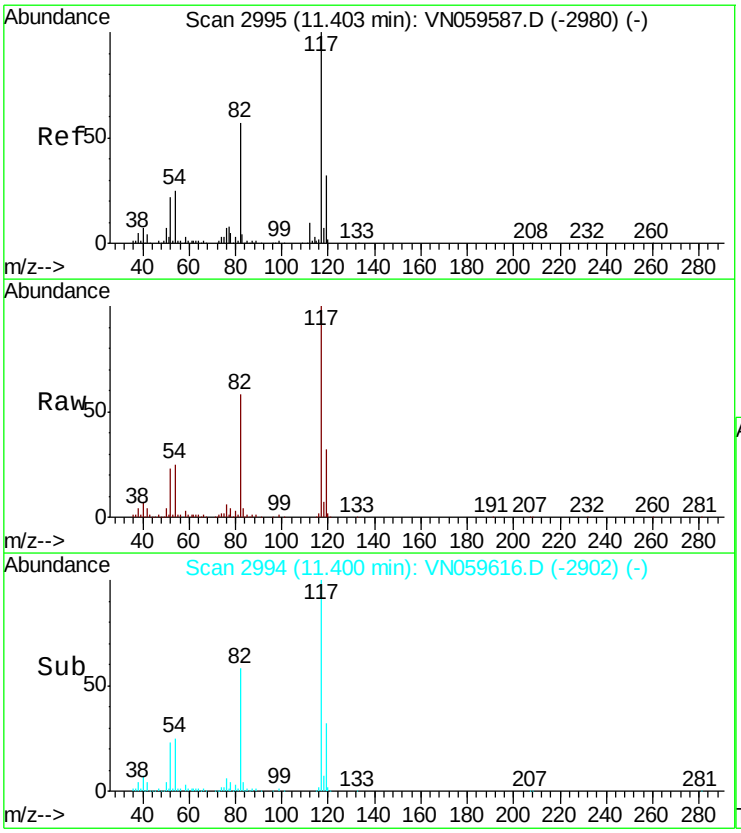
#62
4-Bromofluorobenzene
Concen: 48.051 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion: 95 Resp: 169677

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	151.4
176	73.3	0.0	146.0

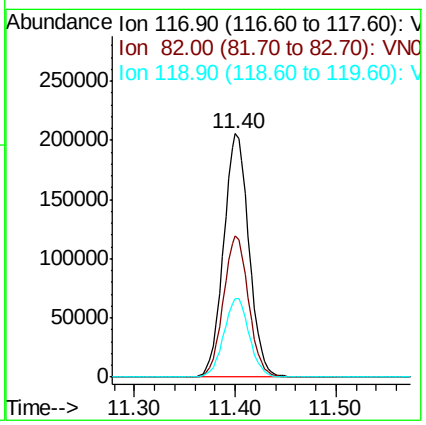


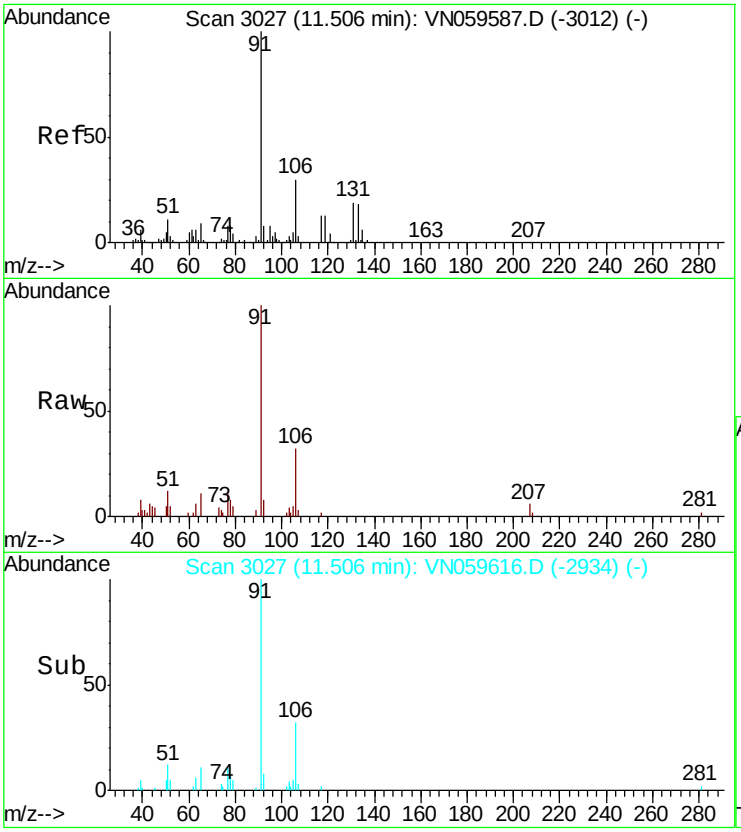


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion:117 Resp: 361467

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.9	68.9
119	32.5	25.5	38.3



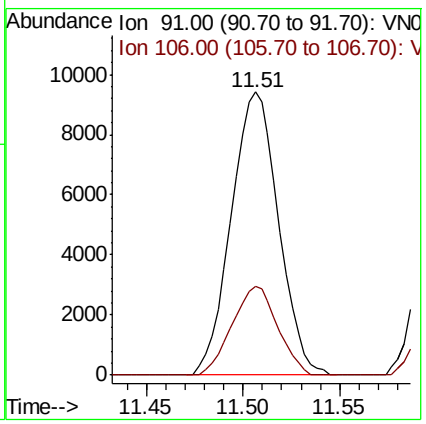


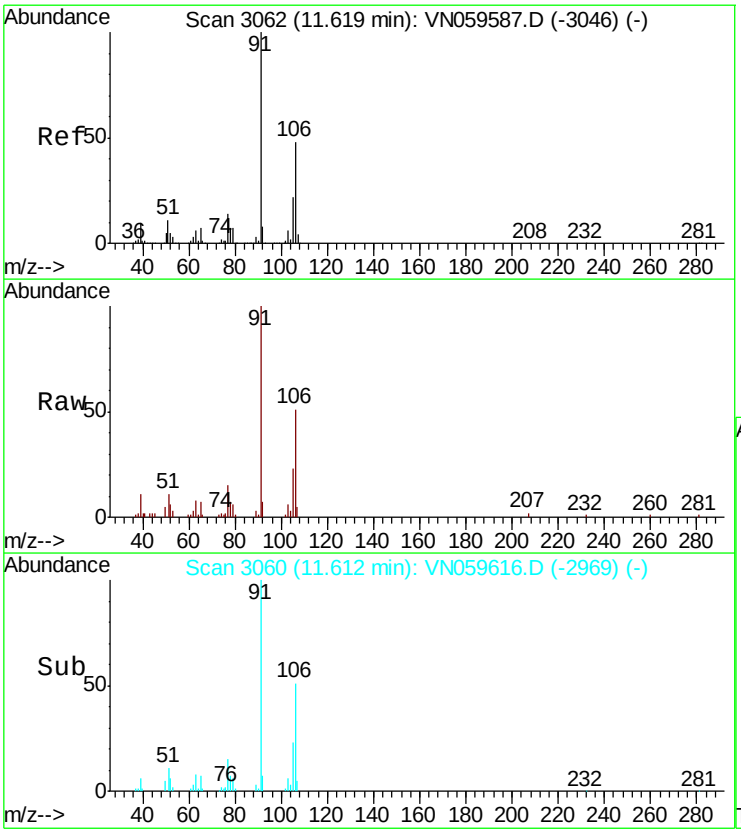
#67
Ethyl Benzene
Concen: 1.133 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument : MSVOA_N
ClientSampleId : TH-3

Tgt Ion: 91 Resp: 15992

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.1	36.1

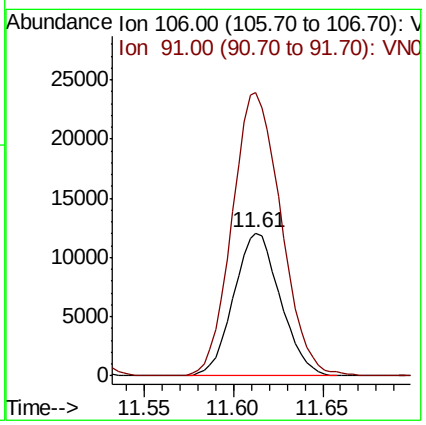


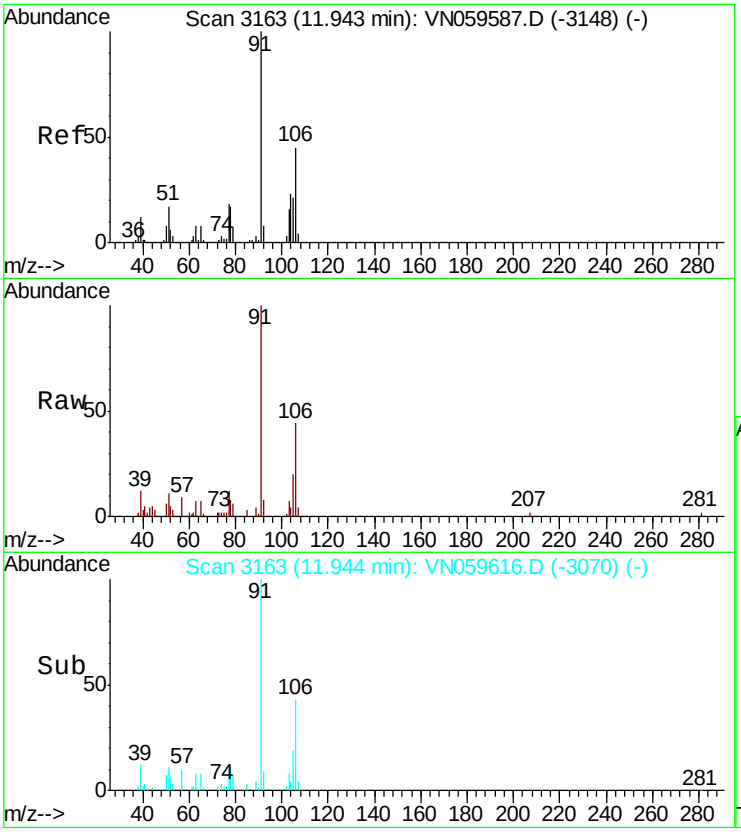


#68
m/p-Xylenes
Concen: 4.219 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion:106 Resp: 21992

Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.9	251.9



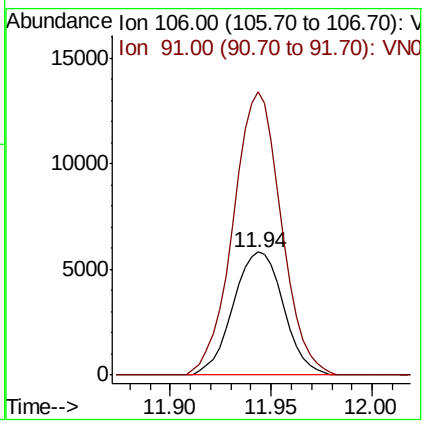


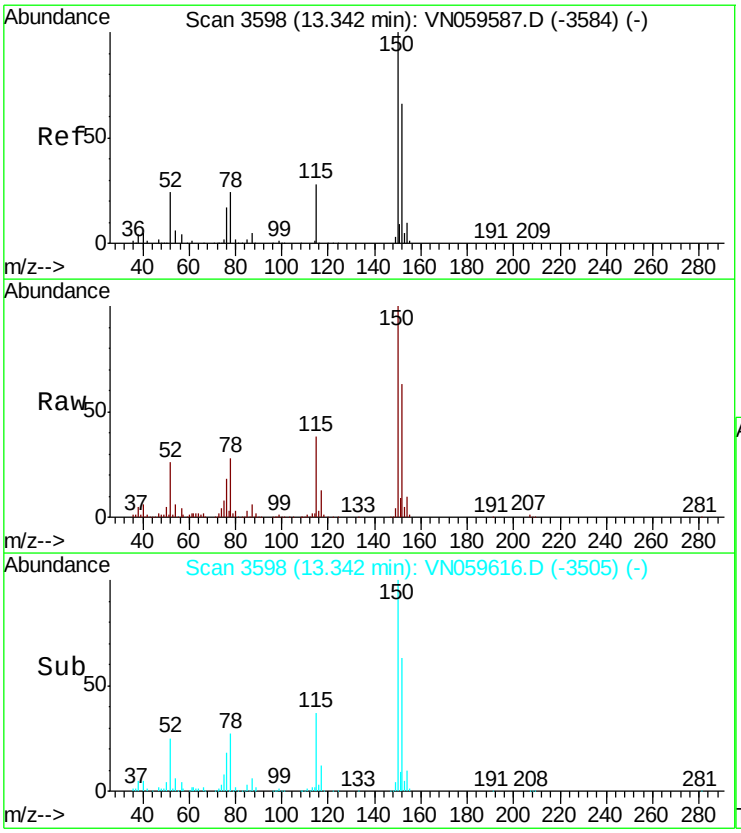
#69
o-Xylene
Concen: 2.061 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion:106 Resp: 10221

Ion	Ratio	Lower	Upper
106	100		
91	219.2	110.3	330.9

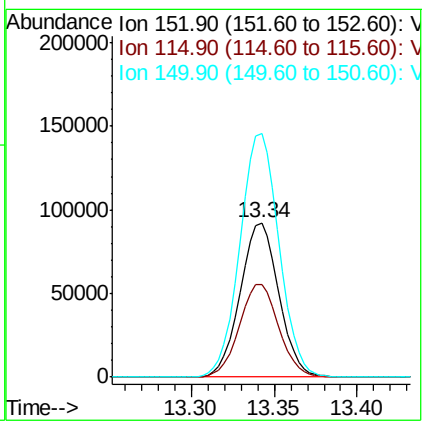


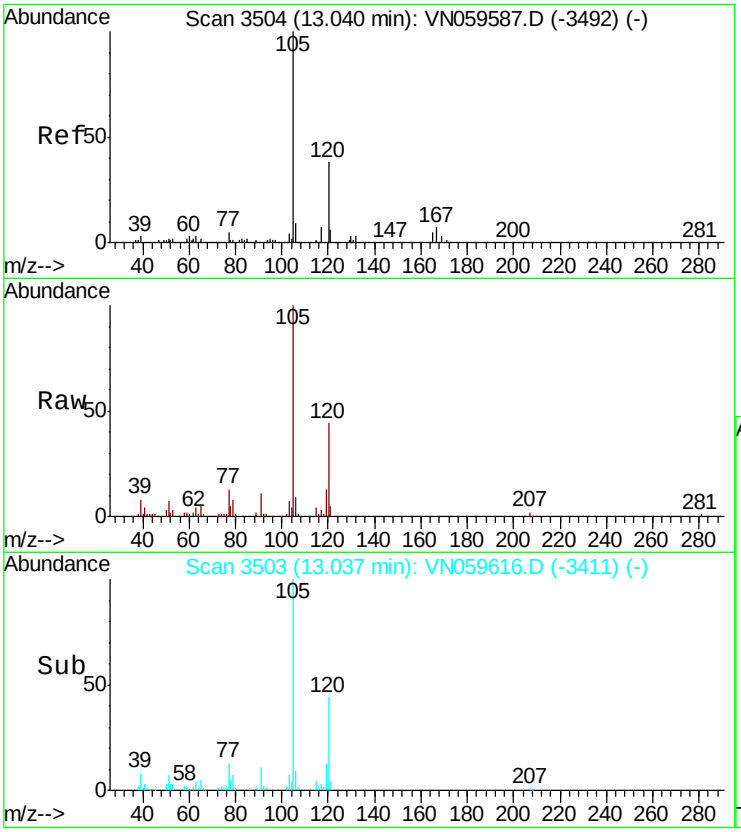


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion:152 Resp: 149577

Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.3	90.9
150	159.7	0.0	345.2



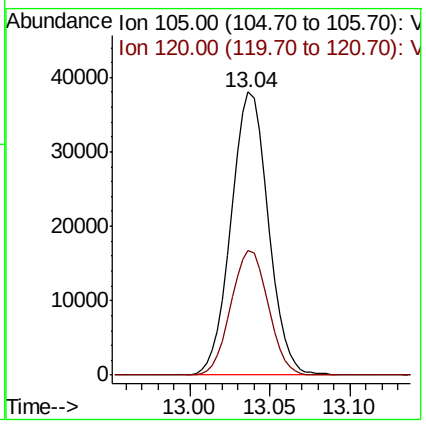


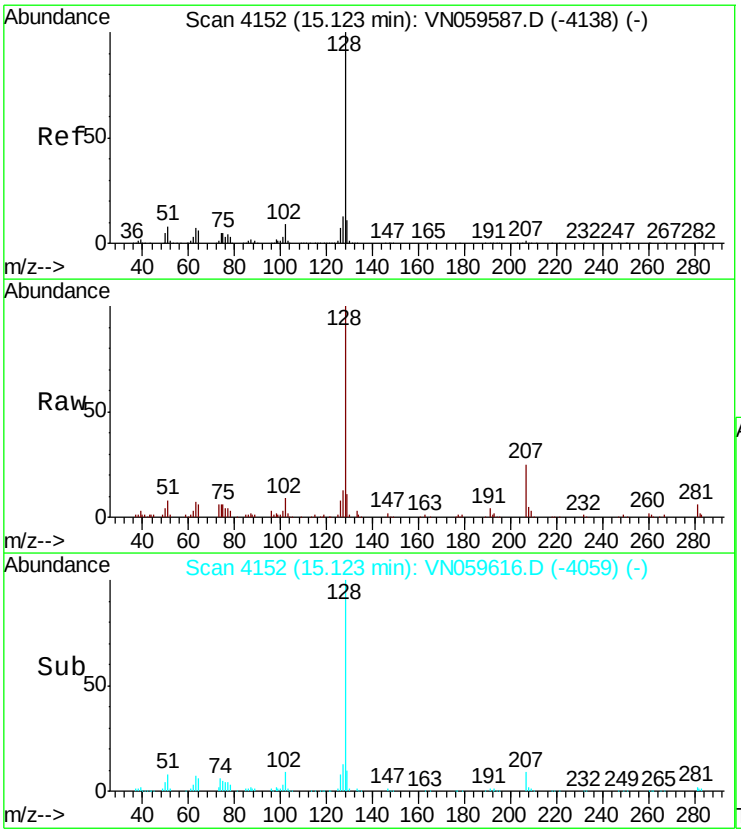
#84
1,2,4-Trimethylbenzene
Concen: 6.090 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
TH-3

Tgt Ion:105 Resp: 60171

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.3	66.9





#95
Naphthalene
Concen: 11.146 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN059616.D
Acq: 16 Dec 2019 20:19

Tgt Ion:128 Resp: 112514

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.6	12.8