Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031319\
Data File : VN054223.D
Acq On : 13 Mar 2019 20:04
Operator : JC/SP
Sample : K1844-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DRUM-1-4

Quant Time: Mar 14 07:57:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1420350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2315626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2482369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1130945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	752158	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
35) Dibromofluoromethane	7.59	113	708603	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.90%			
50) Toluene-d8	10.09	98	2884288	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
62) 4-Bromofluorobenzene	12.40	95	1152058	59.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.38%			
Target Compounds						Qvalue
16) Acetone	3.82	43	79660	18.444	ug/l	99
17) Carbon Disulfide	4.04	76	27186	0.735	ug/l	100
20) Methylene Chloride	4.55	84	9115	0.643	ug/l #	91
25) 2-Butanone	6.86	43	8622	1.701	ug/l	93
52) Toluene	10.16	92	169751	4.387	ug/l	97
67) Ethyl Benzene	11.51	91	104559	1.157	ug/l	99
68) m/p-Xylenes	11.62	106	147301	4.171	ug/l	99
69) o-Xylene	11.95	106	74196	2.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	31920	0.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	101123	1.370	ug/l	100
95) Naphthalene	15.13	128	75030	4.877	ug/l	99

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

Quantitation Report (LSC Reviewed)

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Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Mar 14 07:57:09 2019
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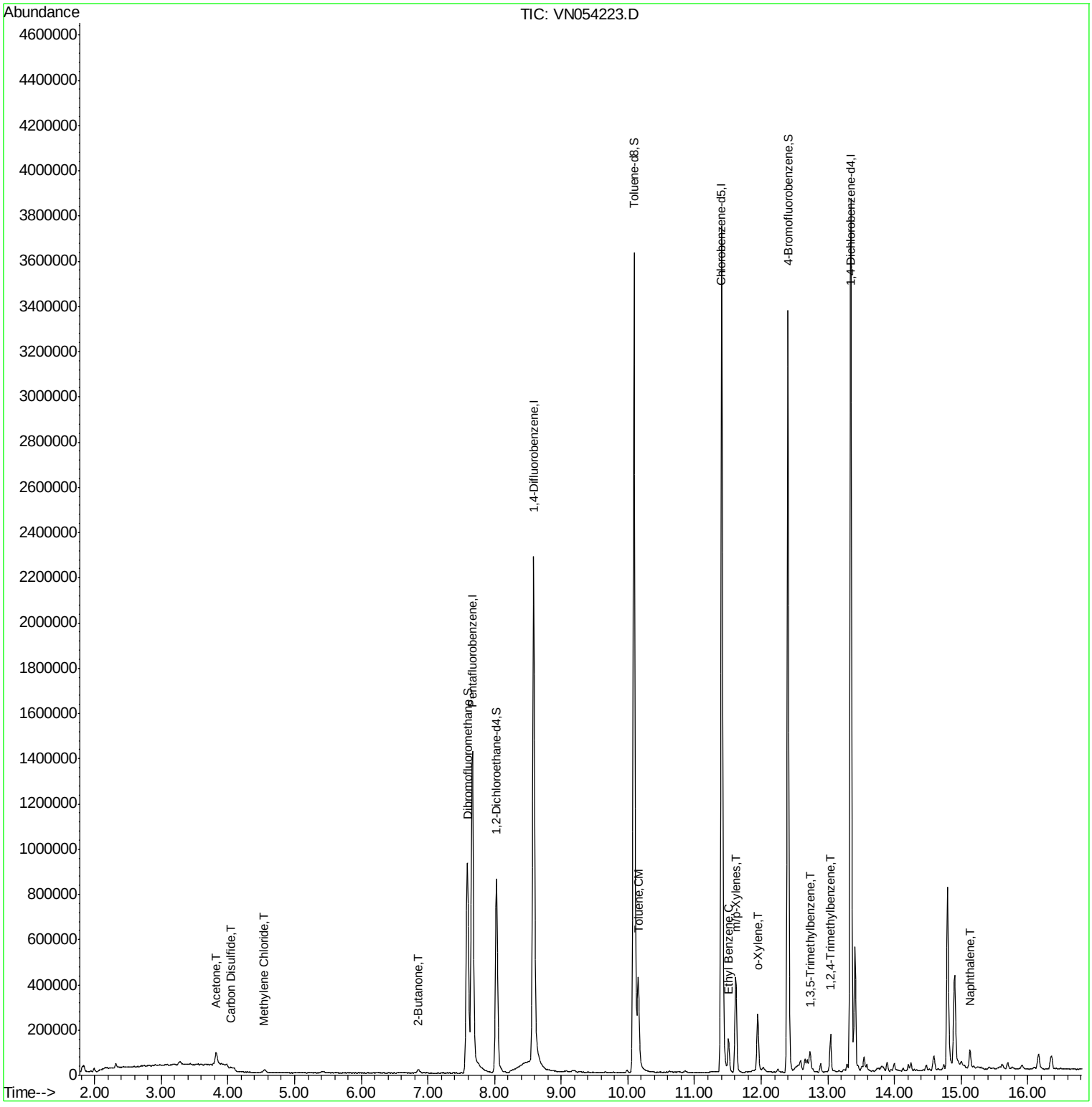
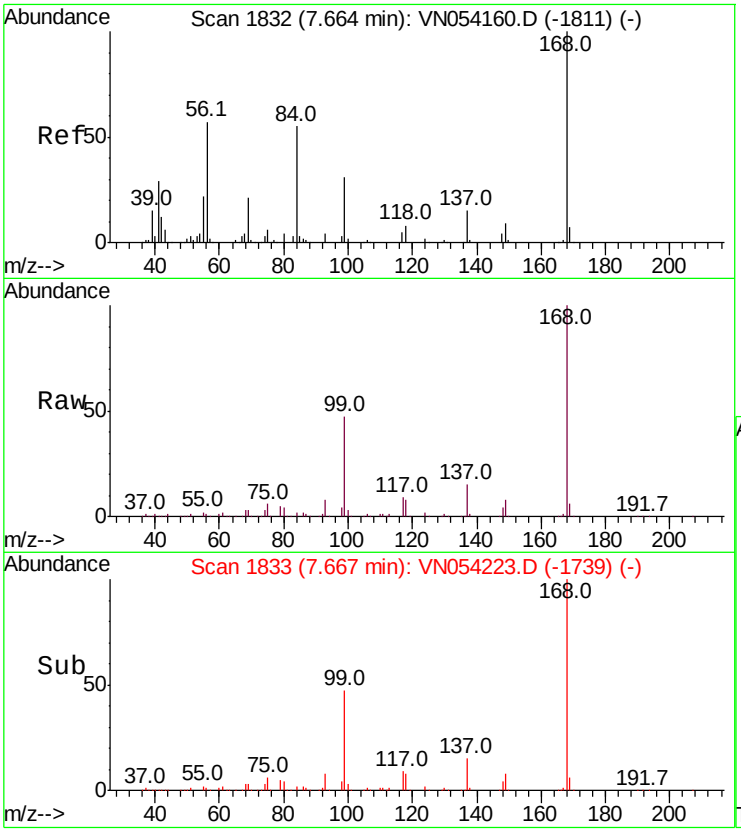
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



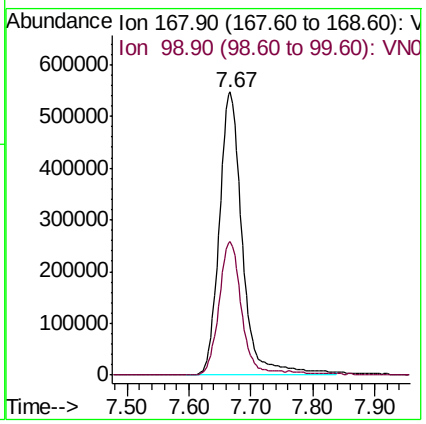


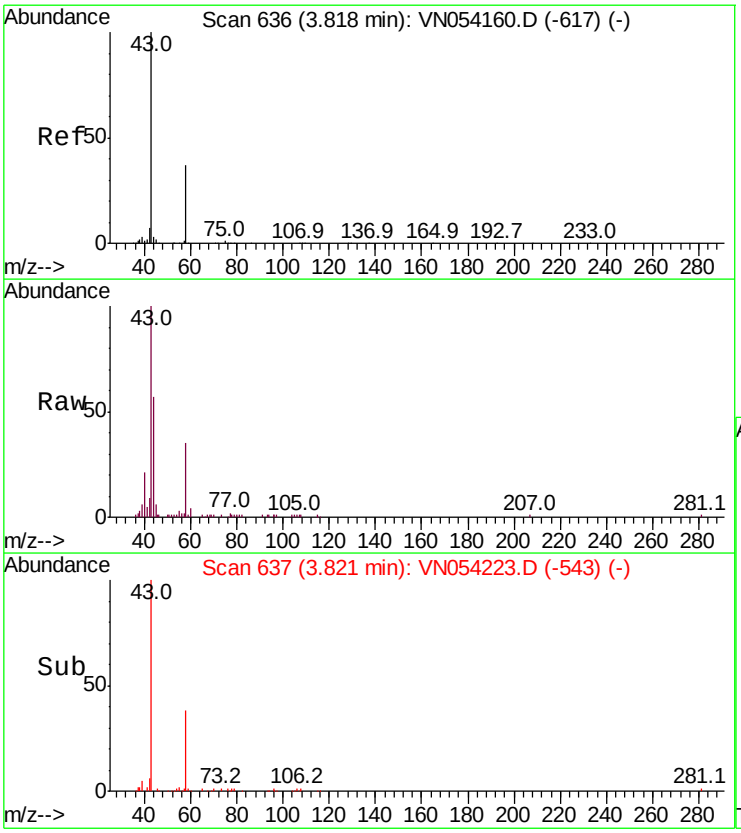
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion:168 Resp: 1420350

Ion	Ratio	Lower	Upper
168	100		
99	47.0	37.1	55.7

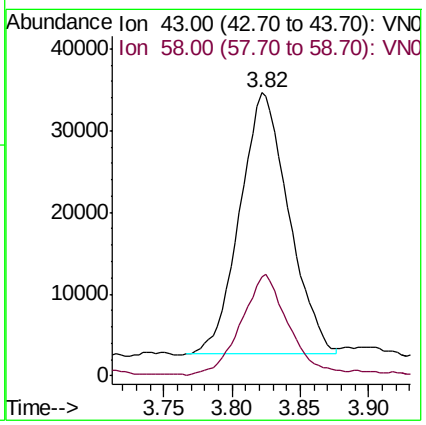


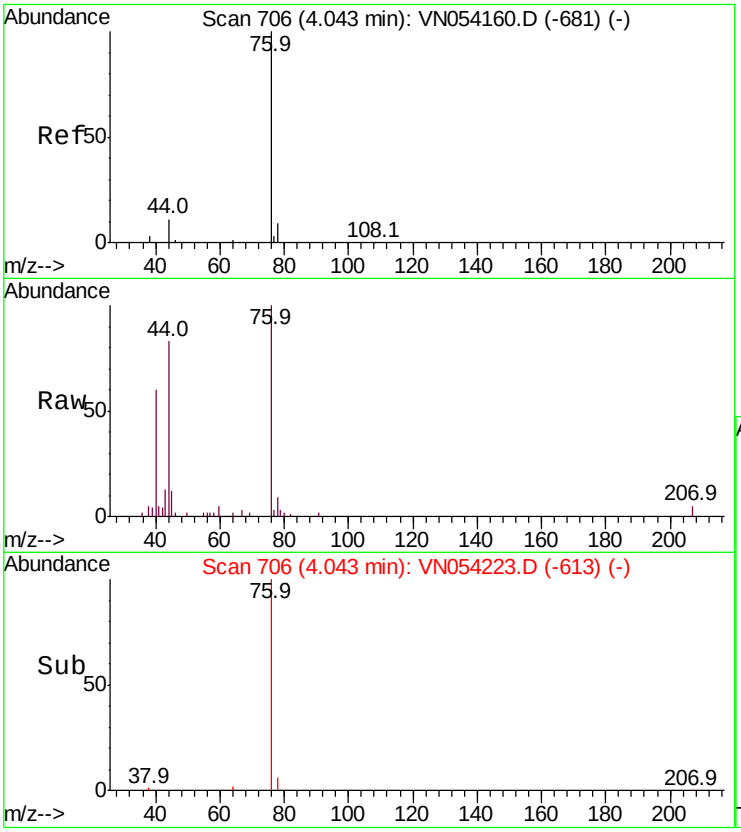


#16
Acetone
Concen: 18.444 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 43 Resp: 79660

Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.9	44.9



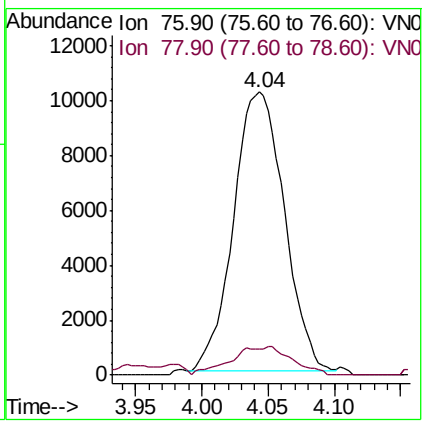


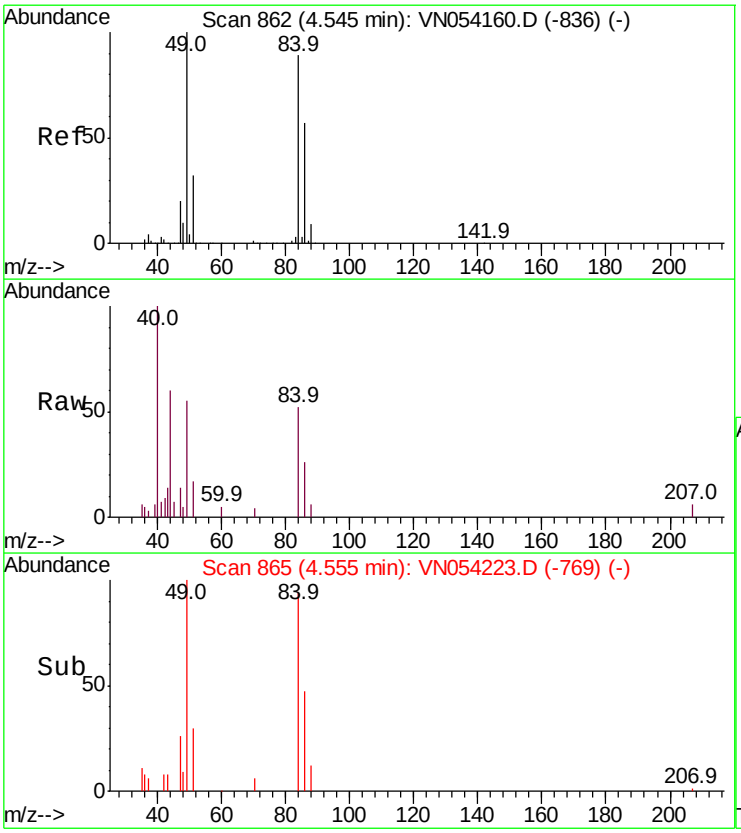
#17
Carbon Disulfide
Concen: 0.735 ug/l
RT: 4.04 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion: 76 Resp: 27186

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

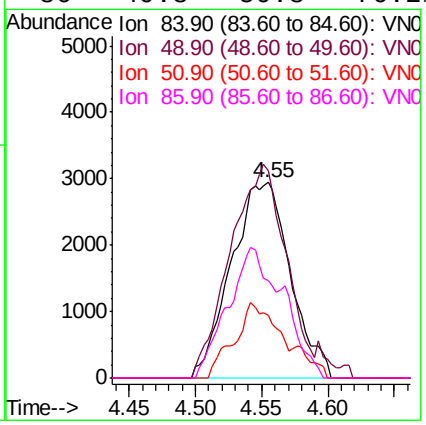


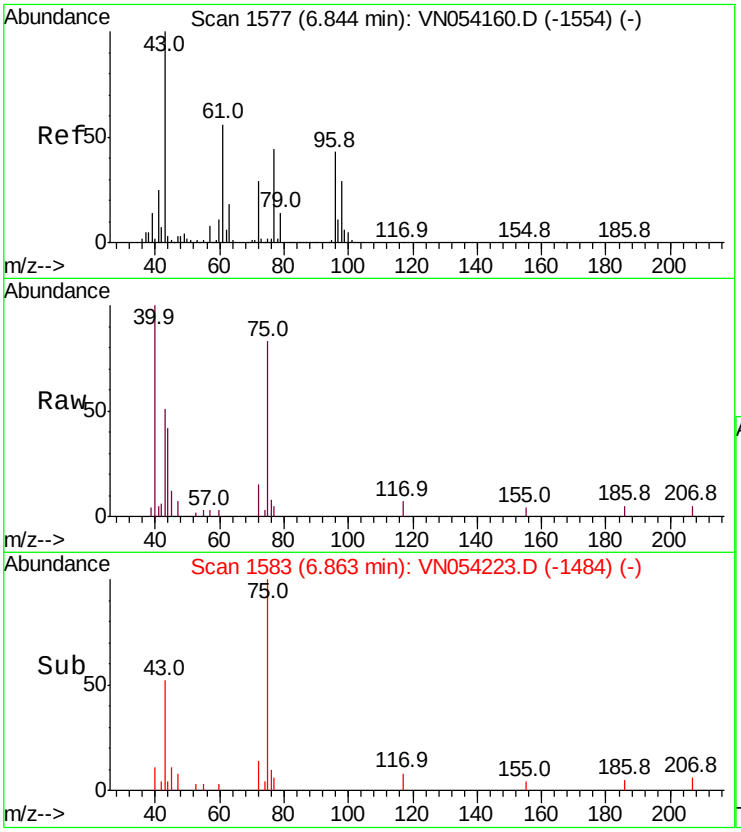


#20
Methylene Chloride
Concen: 0.643 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 84 Resp: 9115

Ion	Ratio	Lower	Upper
84	100		
49	106.0	89.7	134.5
51	32.1	28.2	42.4
86	49.8	50.8	76.2#



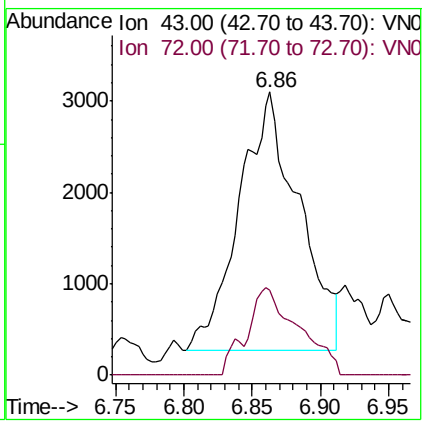


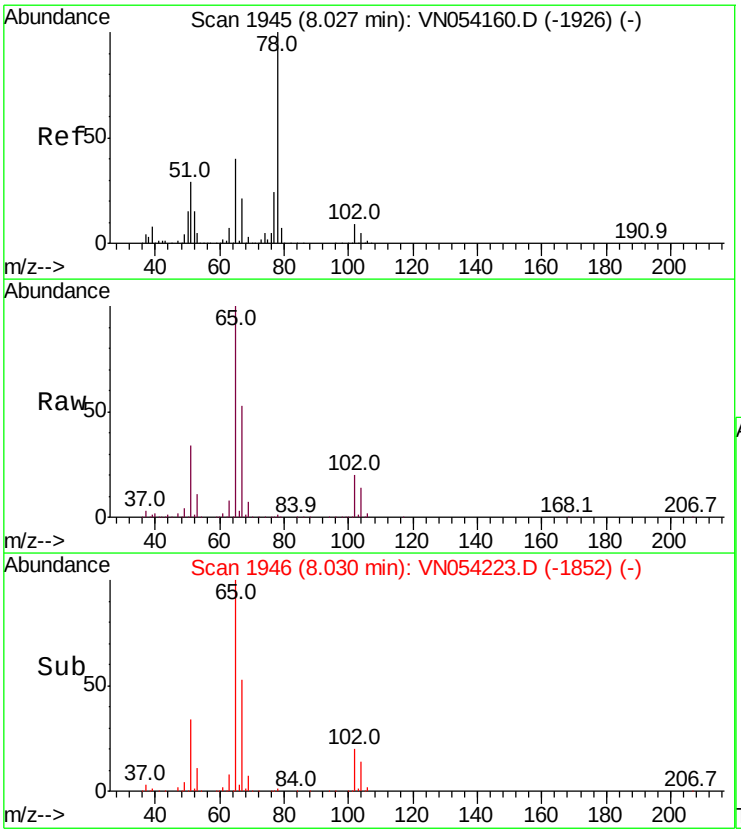
#25
2-Butanone
Concen: 1.701 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion: 43 Resp: 8622

Ion	Ratio	Lower	Upper
43	100		
72	32.7	23.0	34.6

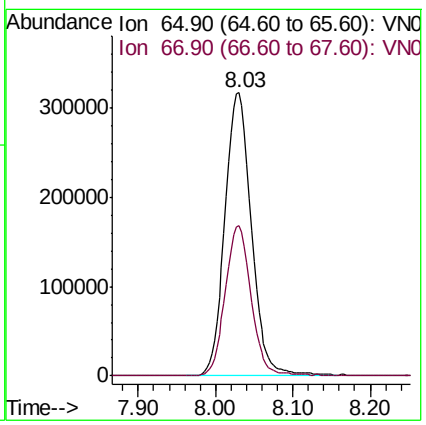


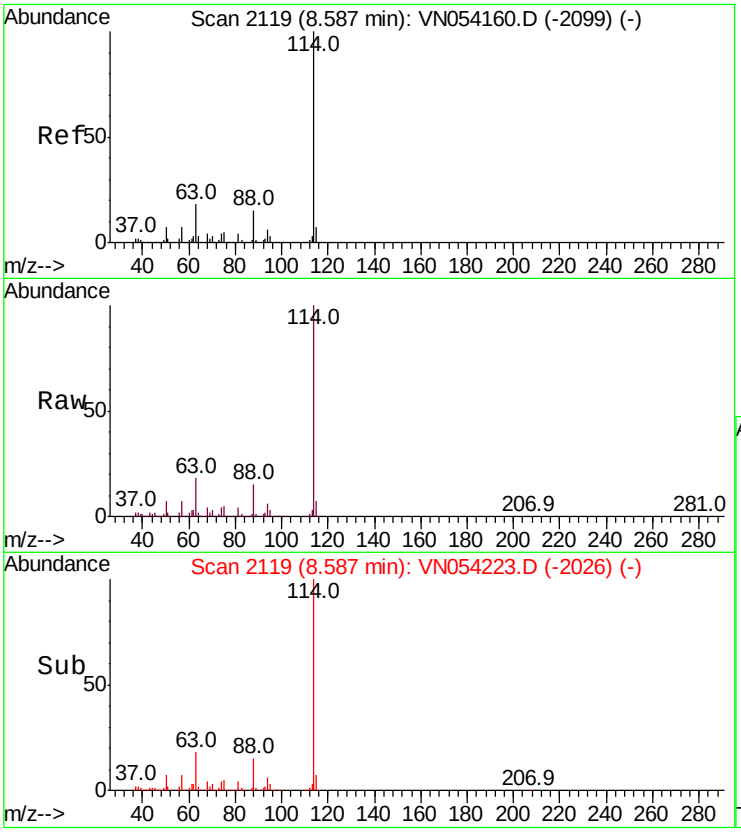


#33
1,2-Dichloroethane-d4
Concen: 49.864 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 65 Resp: 752158

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6



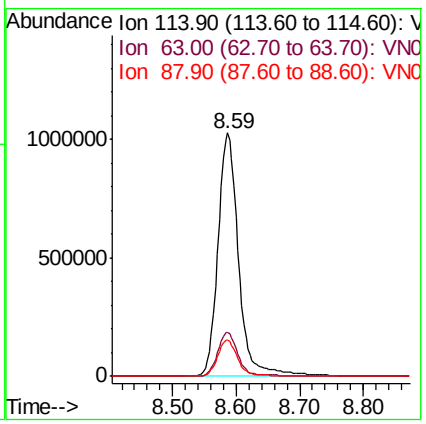


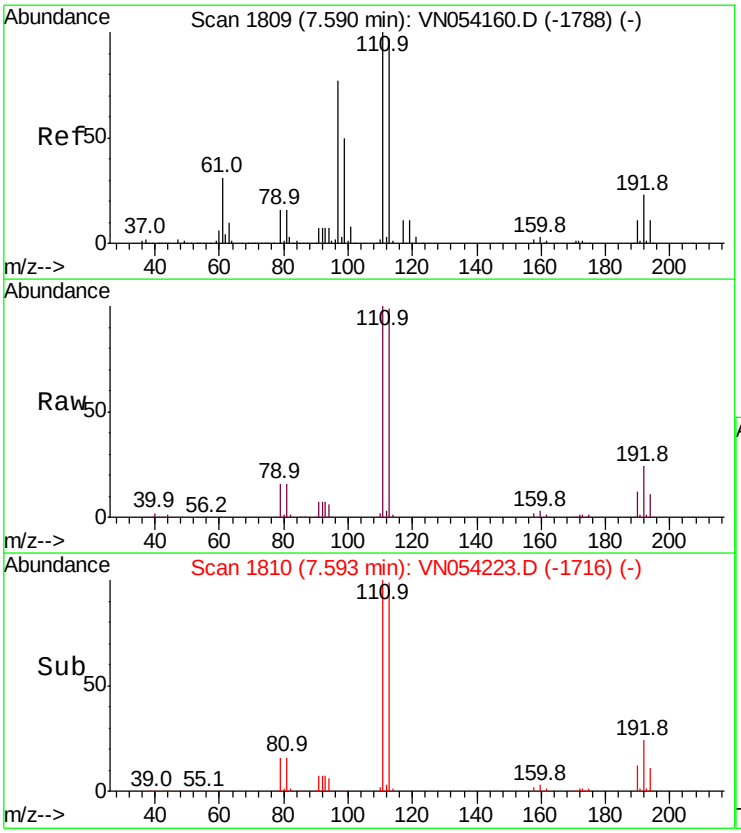
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion:114 Resp: 2315626

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	14.8	0.0	30.2

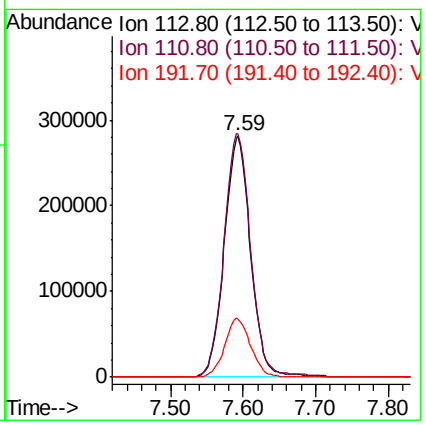


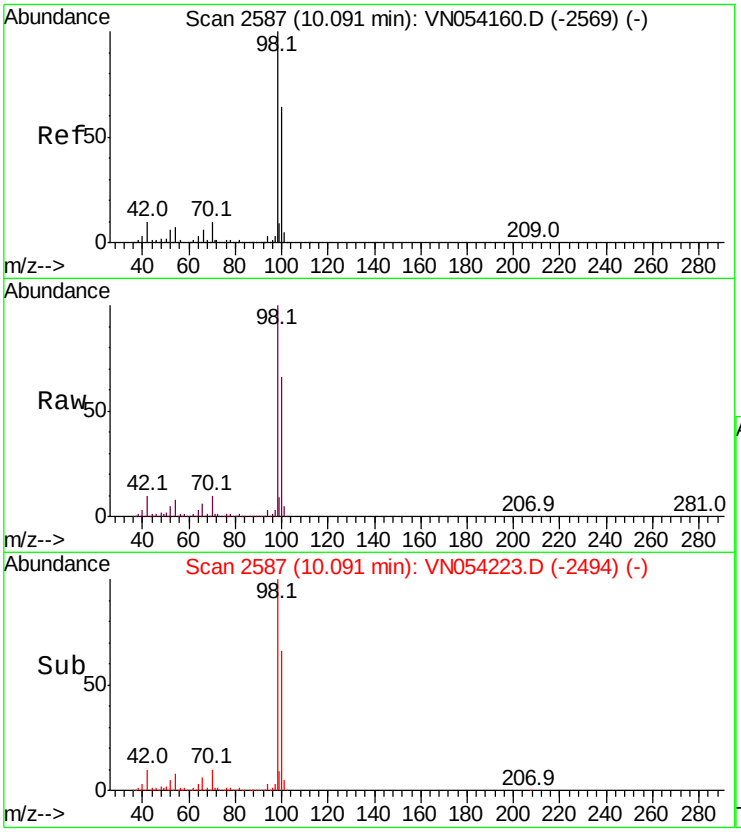


#35
Dibromofluoromethane
Concen: 47.446 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:113 Resp: 708603

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	24.1	19.2	28.8



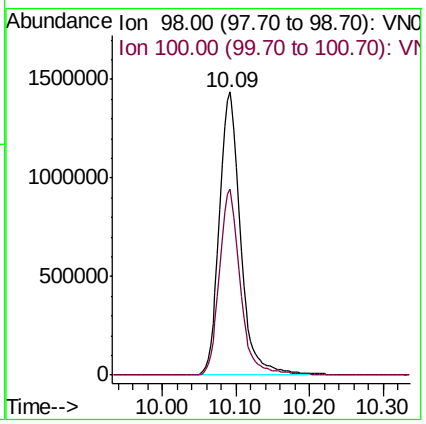


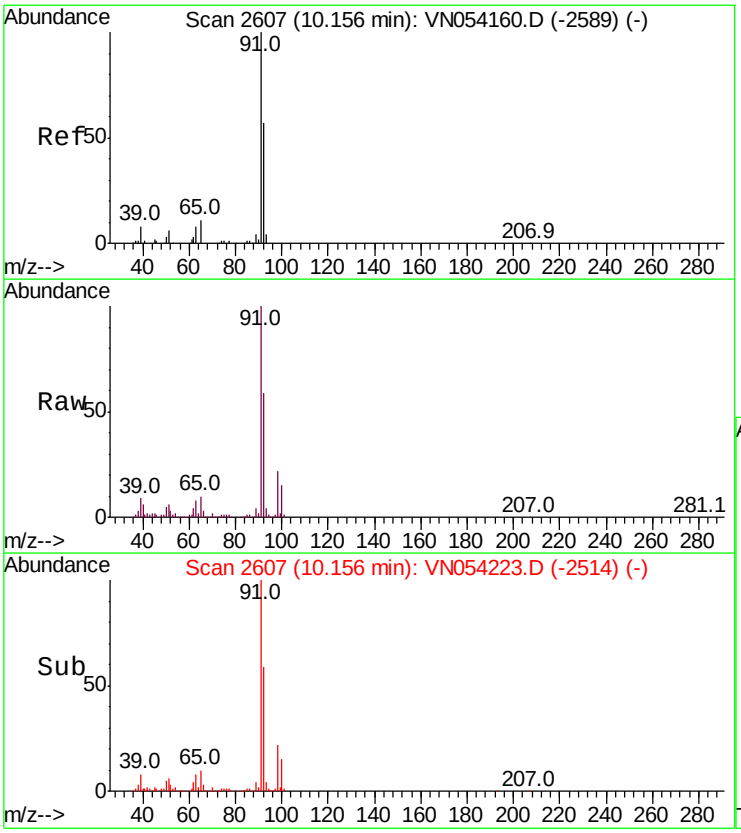
#50
Toluene-d8
Concen: 52.293 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion: 98 Resp: 2884288

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

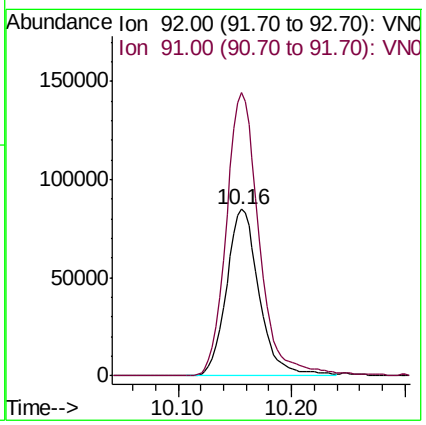


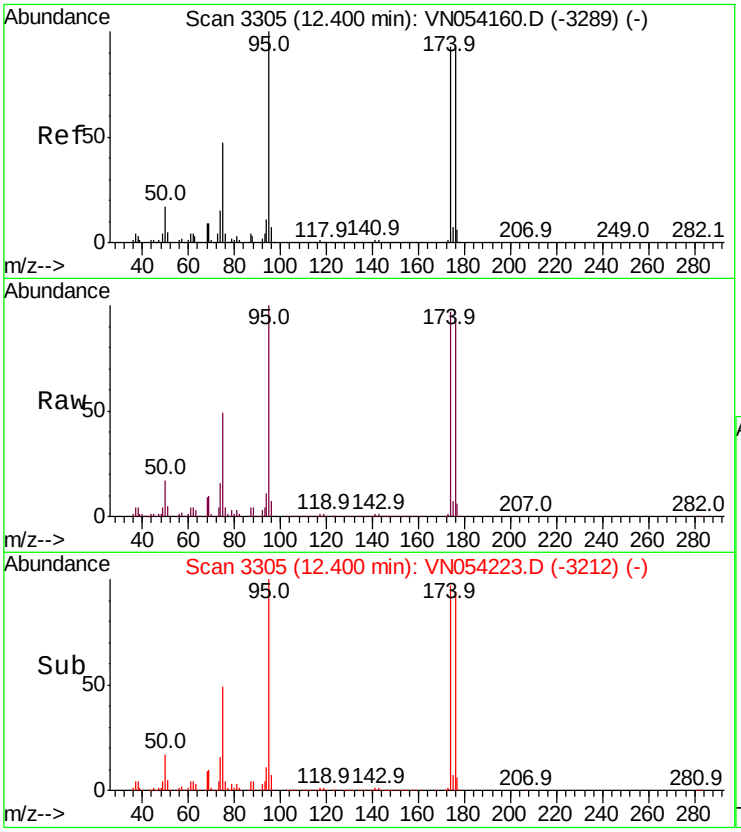


#52
Toluene
Concen: 4.387 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 92 Resp: 169751

Ion	Ratio	Lower	Upper
92	100		
91	172.2	140.7	211.1



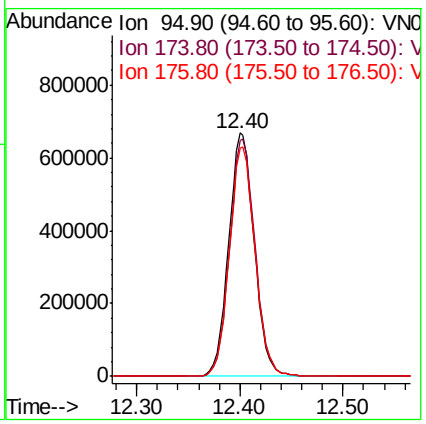


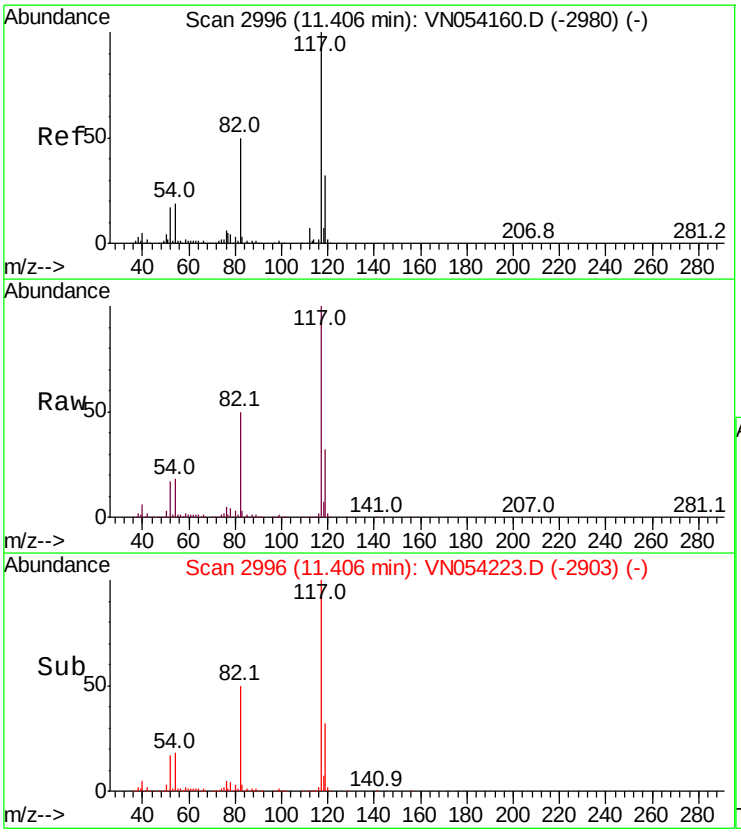
#62
4-Bromofluorobenzene
Concen: 59.694 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion: 95 Resp: 1152058

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	191.0
176	94.3	0.0	187.4

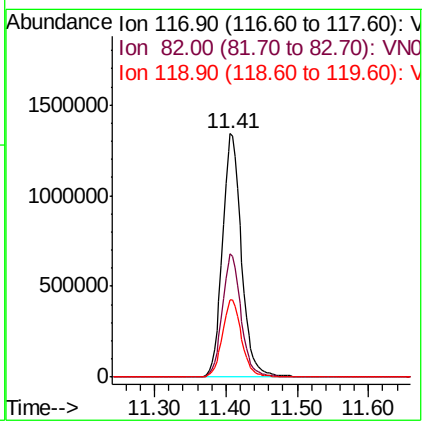


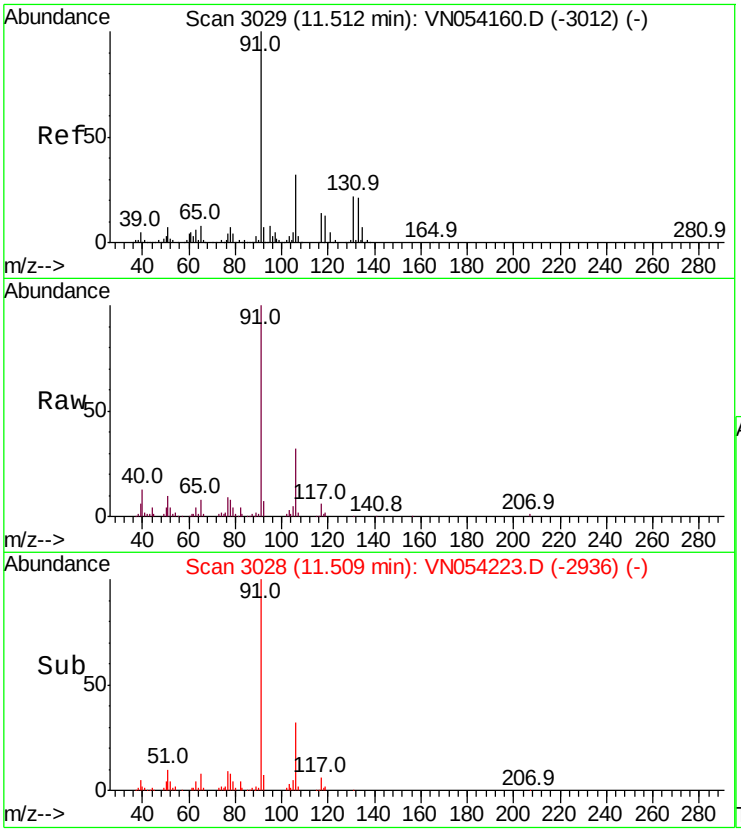


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:117 Resp: 2482369

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.0	60.0
119	32.0	25.8	38.6



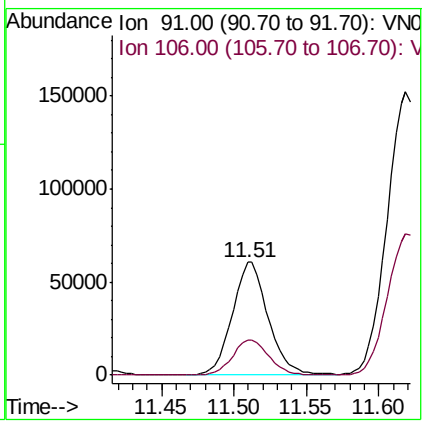


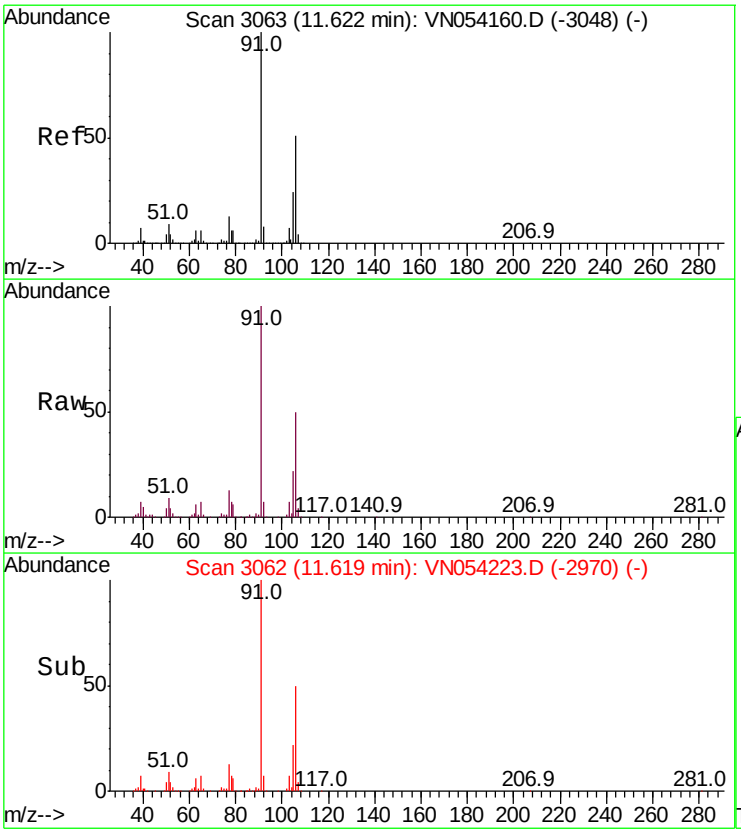
#67
Ethyl Benzene
Concen: 1.157 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument : MSVOA_N
ClientSampleId : DRUM-1-4

Tgt Ion: 91 Resp: 104559

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.5	38.3

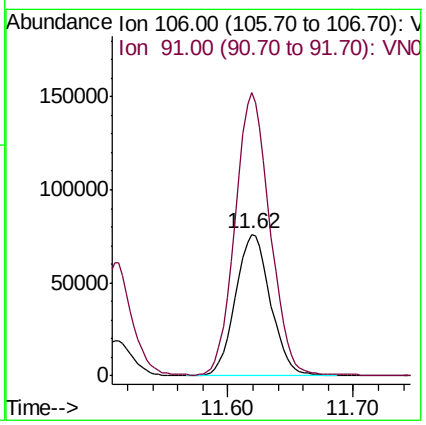


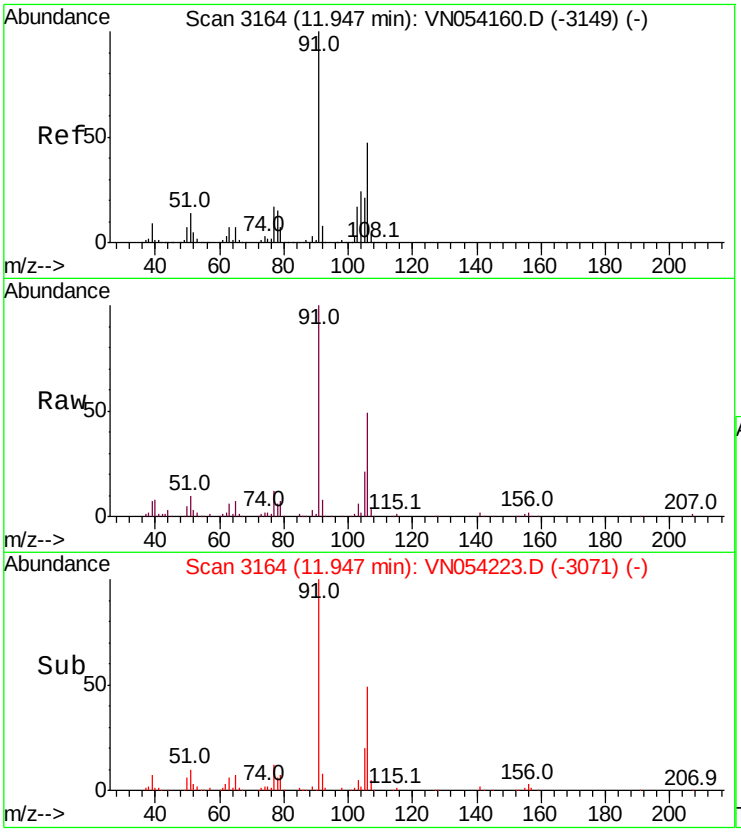


#68
m/p-Xylenes
Concen: 4.171 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:106 Resp: 147301

Ion	Ratio	Lower	Upper
106	100		
91	197.4	159.4	239.2



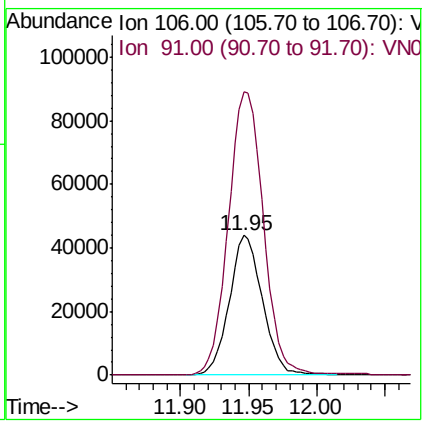


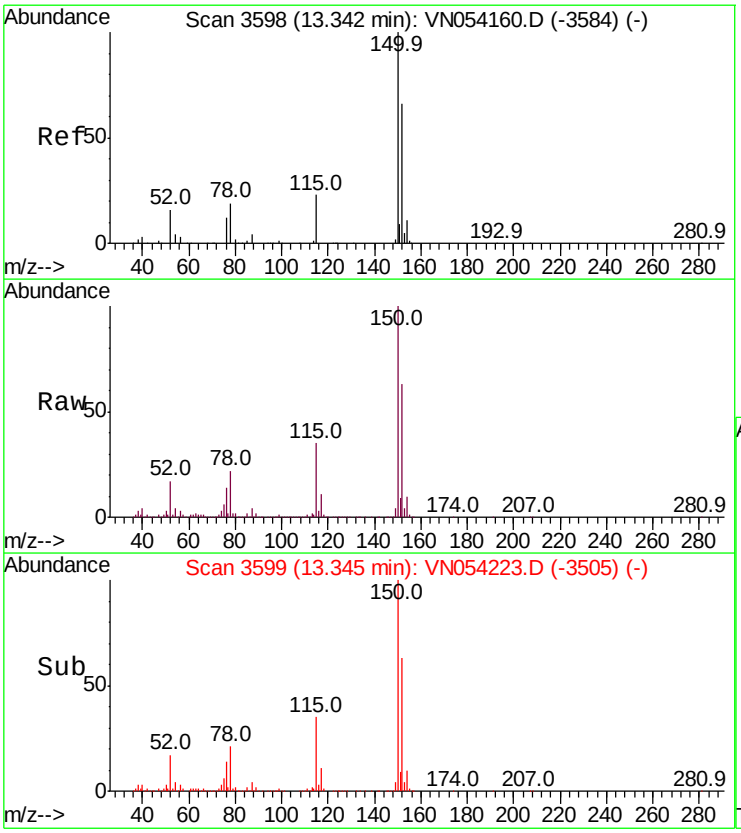
#69
o-Xylene
Concen: 2.155 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion:106 Resp: 74196

Ion	Ratio	Lower	Upper
106	100		
91	213.8	105.7	317.1

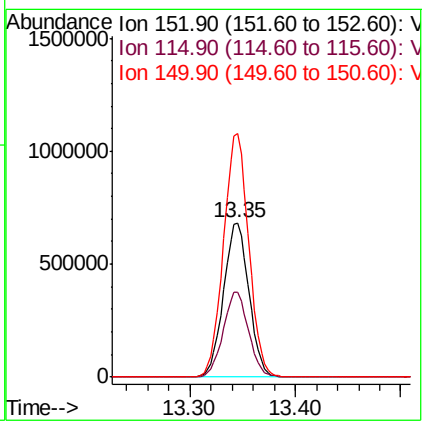


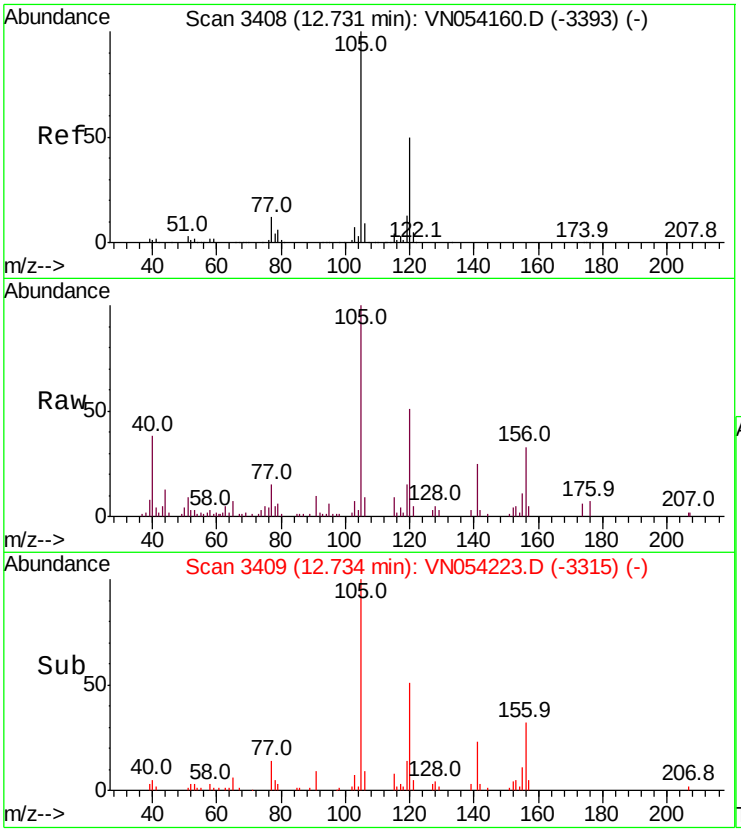


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:152 Resp: 1130945

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.6
150	157.1	0.0	349.2



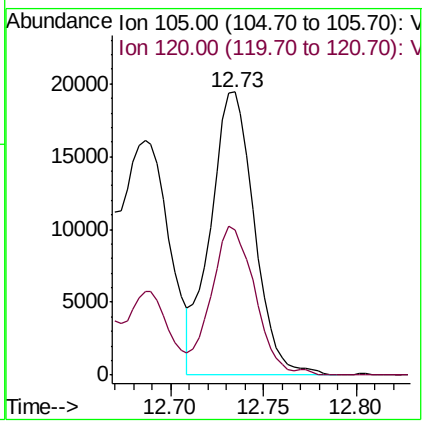


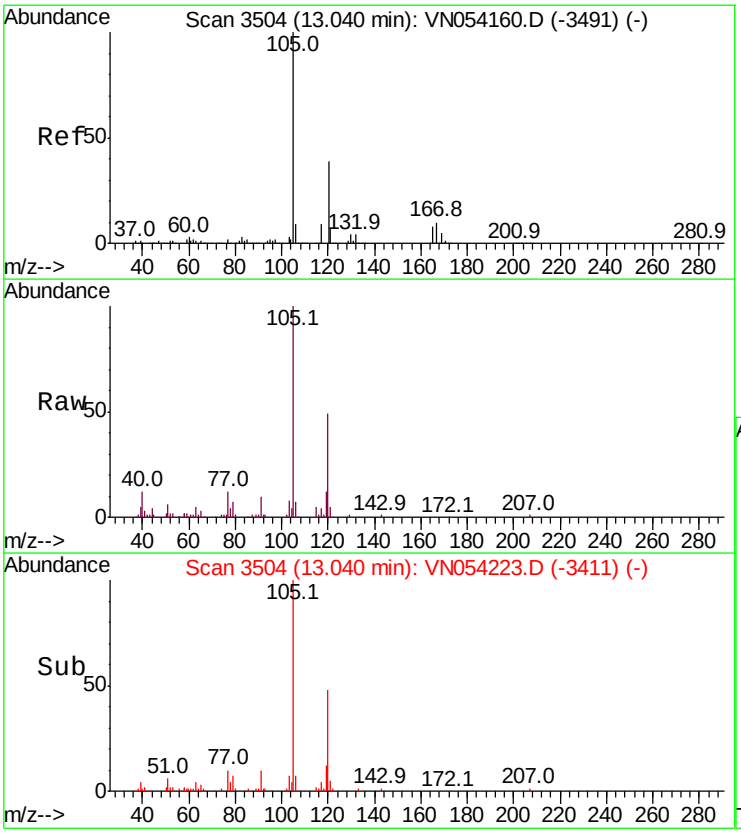
#80
1,3,5-Trimethylbenzene
Concen: 0.424 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument : MSVOA_N
ClientSampleId : DRUM-1-4

Tgt Ion:105 Resp: 31920

Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.0	75.0

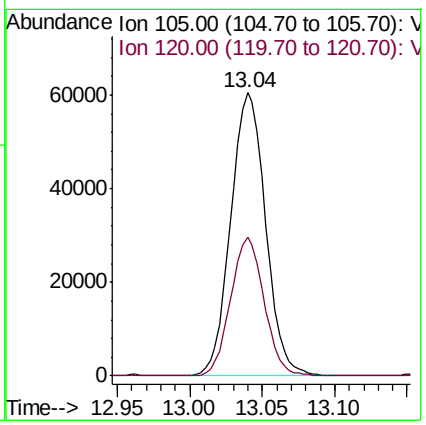


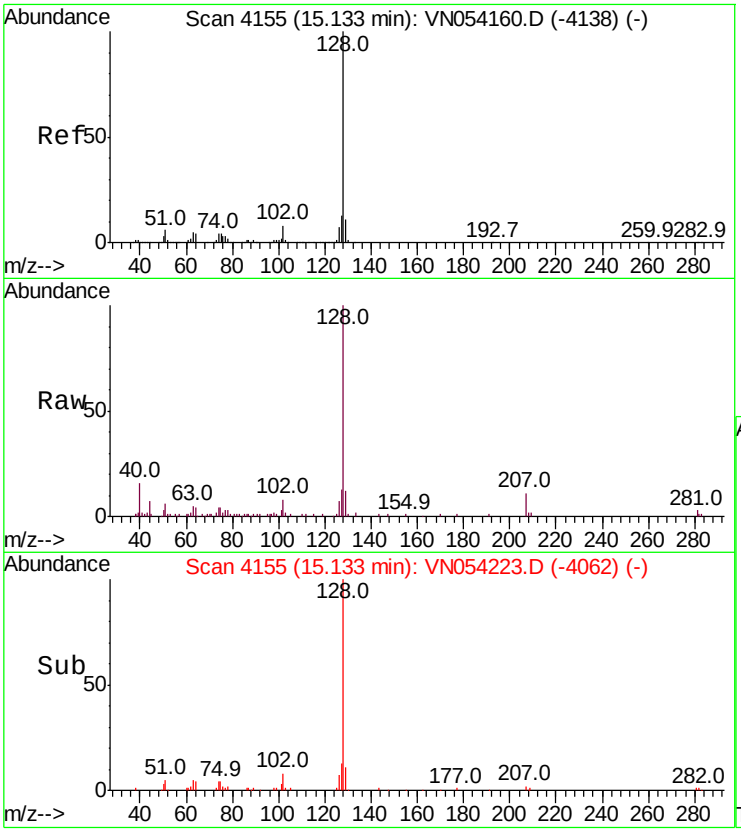


#84
1,2,4-Trimethylbenzene
Concen: 1.370 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:105 Resp: 101123

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#95
Naphthalene
Concen: 4.877 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion:128 Resp: 75030

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.6	8.7	13.1