

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054362.D
 Acq On : 17 Mar 2019 3:43
 Operator : JC/SP
 Sample : K1922-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORG-031419

Quant Time: Mar 18 08:15:47 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	1828052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2633352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2191653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	832603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	909497	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	7.59	113	814223	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	3010252	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	896540	40.85	ug/l	0.00
Spiked Amount			Recovery	=	81.70%	

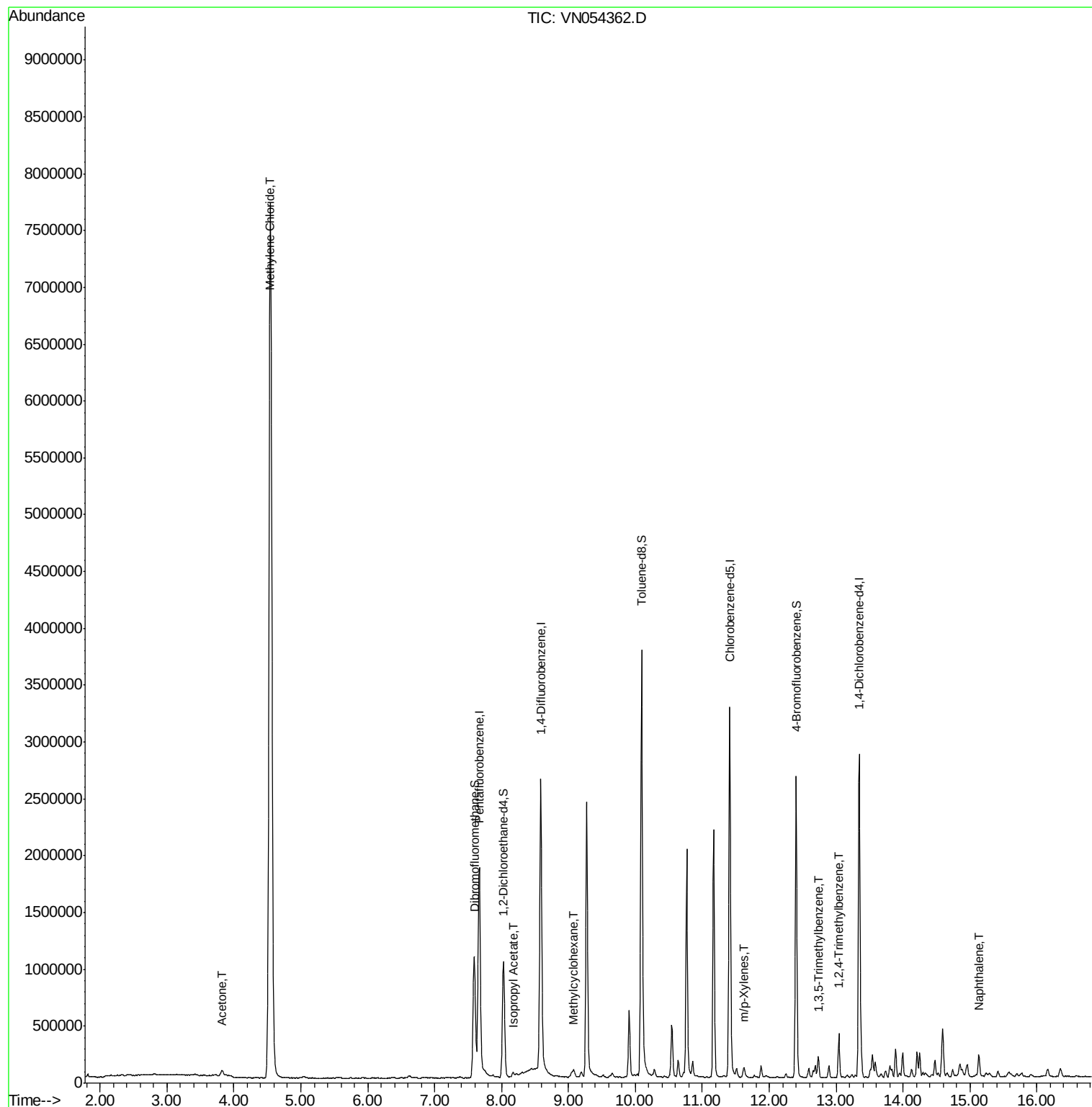
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	72732	13.084	ug/l	94
20) Methylene Chloride	4.54	84	6076554	332.923	ug/l	99
39) Methylcyclohexane	9.08	83	31043	1.040	ug/l	98
43) Isopropyl Acetate	8.17	43	41832	1.710	ug/l	99
68) m/p-Xylenes	11.62	106	32367	1.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	99899	1.803	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	224030	4.121	ug/l	98
95) Naphthalene	15.13	128	175468	7.941	ug/l	99

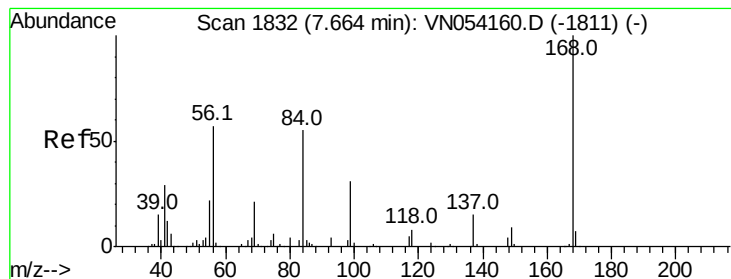
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

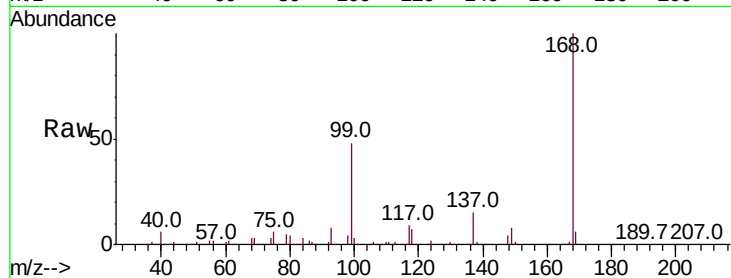
ORG-031419

Tot Ion:168 Resp: 1828052

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

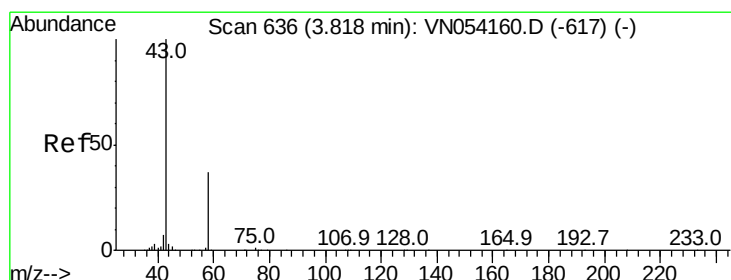
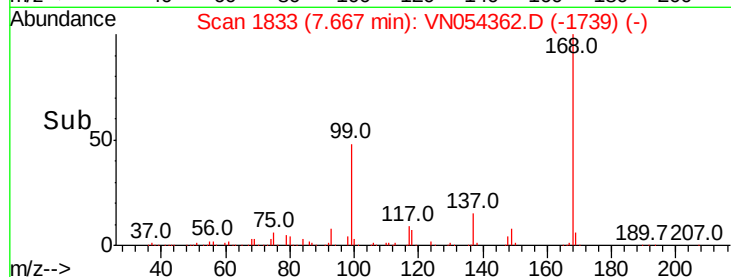
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 13.084 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054362.D

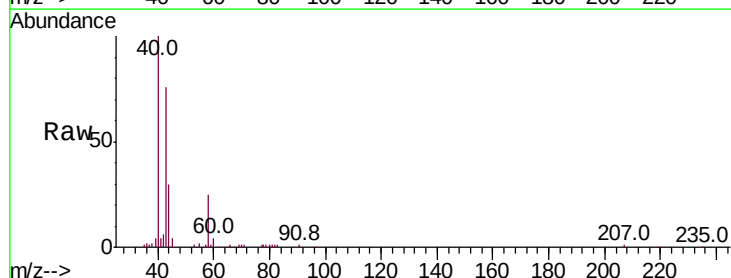
Acq: 17 Mar 2019 3:43

Tgt Ion: 43 Resp: 72732

Ion Ratio Lower Upper

43 100

58 33.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

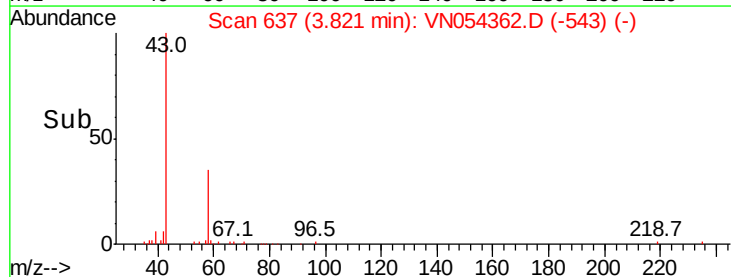
30000

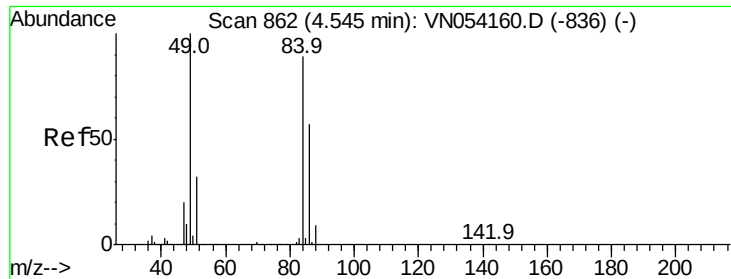
20000

10000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 332.923 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

ORG-031419

Tot Ion: 84 Resp: 6076554

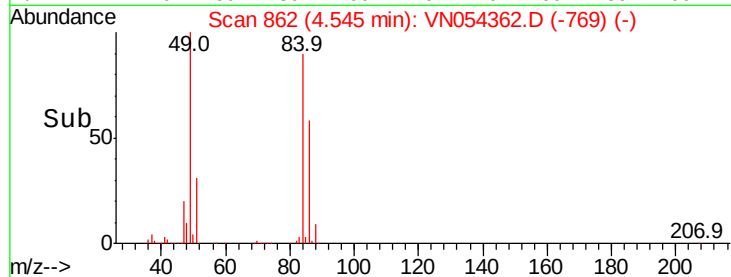
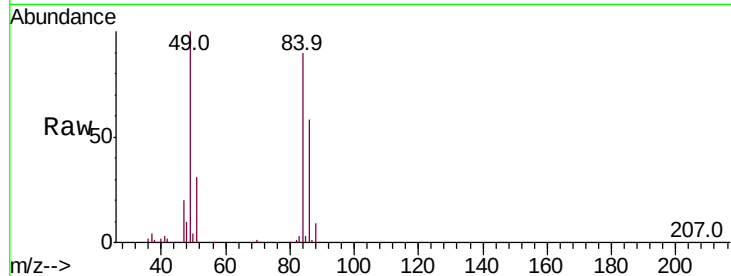
Ion	Ratio	Lower	Upper
84	100		
49	111.5	89.7	134.5
51	34.5	28.2	42.4
86	65.1	50.8	76.2

84 100

49 111.5 89.7 134.5

51 34.5 28.2 42.4

86 65.1 50.8 76.2

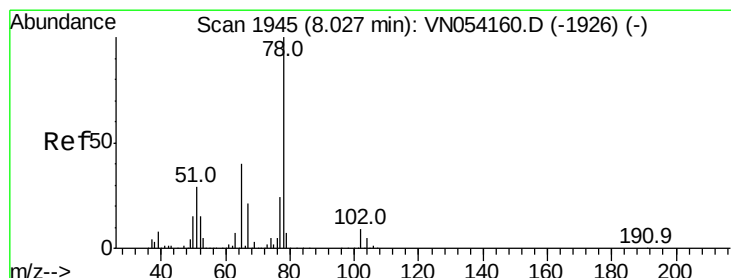
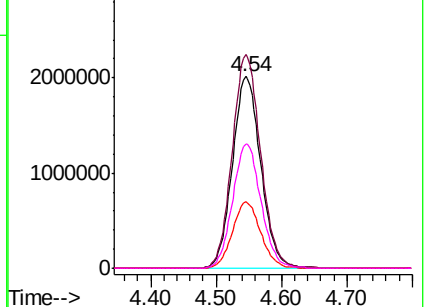


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.848 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054362.D

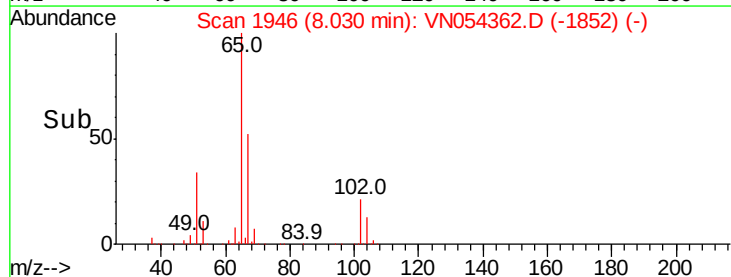
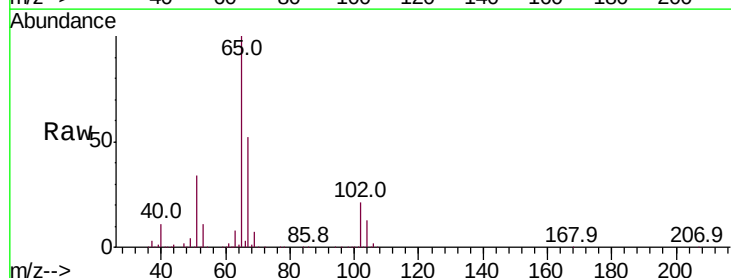
Acq: 17 Mar 2019 3:43

Tgt Ion: 65 Resp: 909497

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

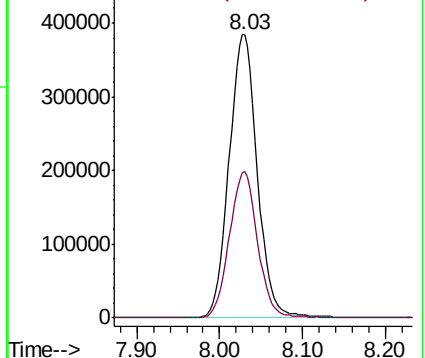
65 100

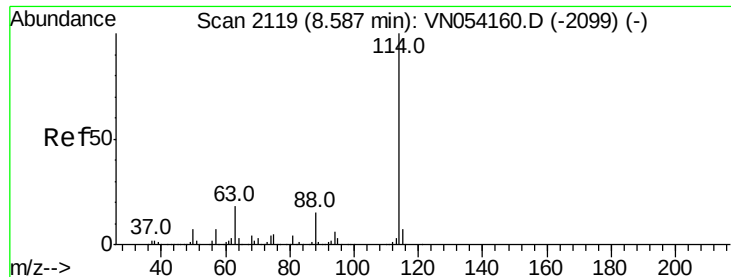
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



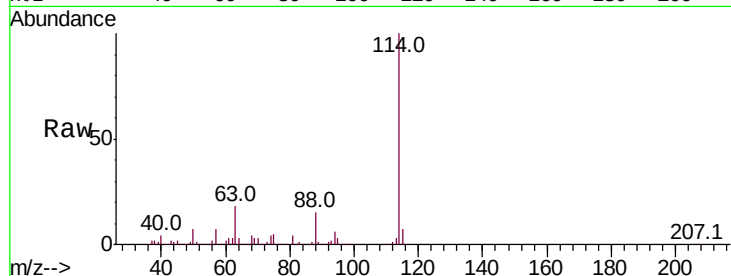


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

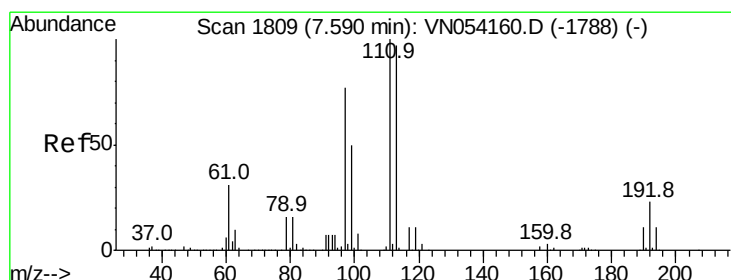
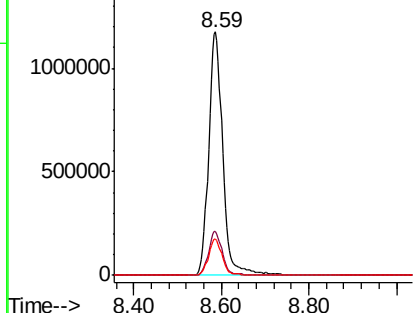
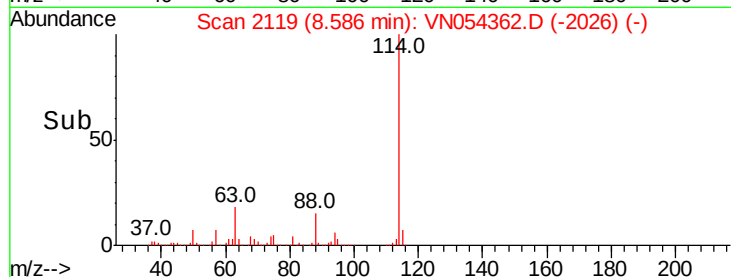
Instrument :
MSVOA_N
ClientSampleId :
ORG-031419

Tot Ion:114 Resp: 2633352

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.8	0.0	30.2



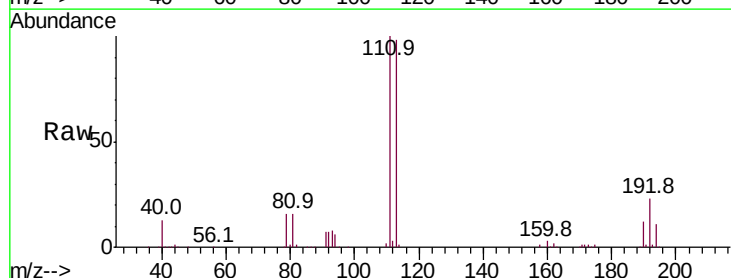
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



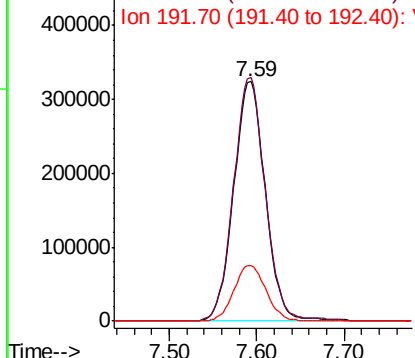
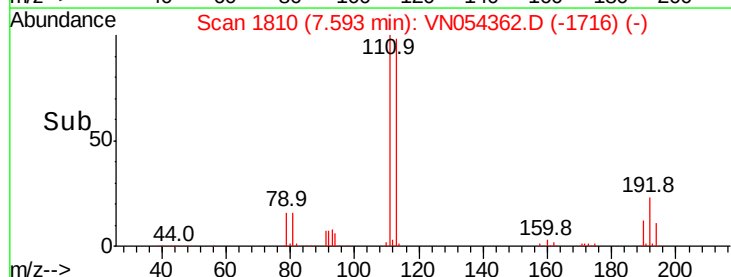
#35
Dibromofluoromethane
Concen: 47.940 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

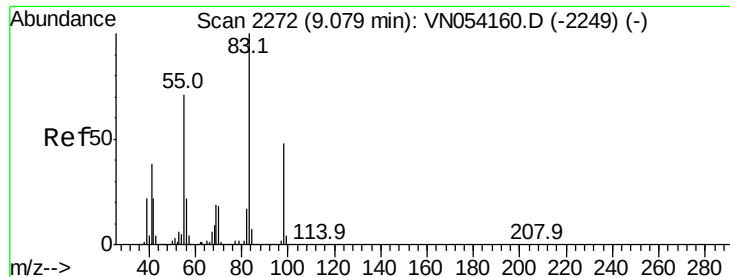
Tgt Ion:113 Resp: 814223

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.6	19.2	28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

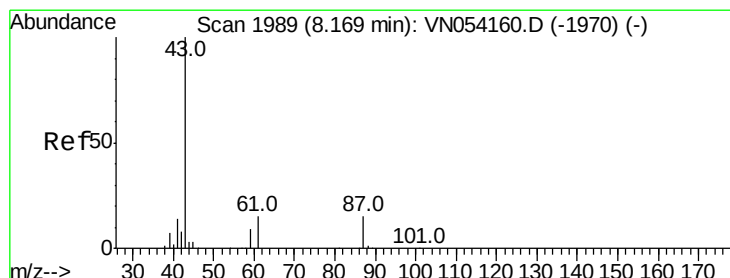
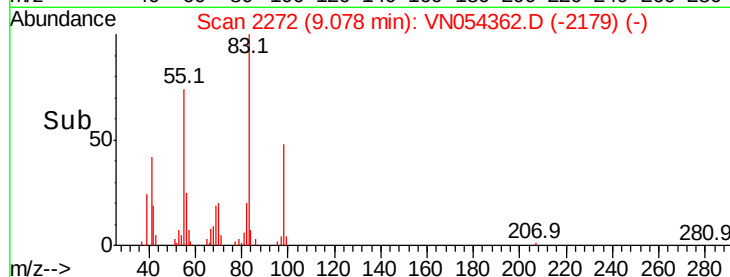
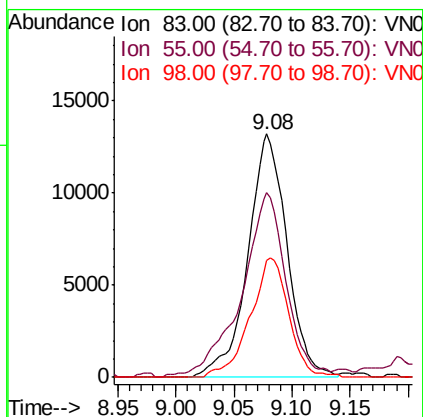
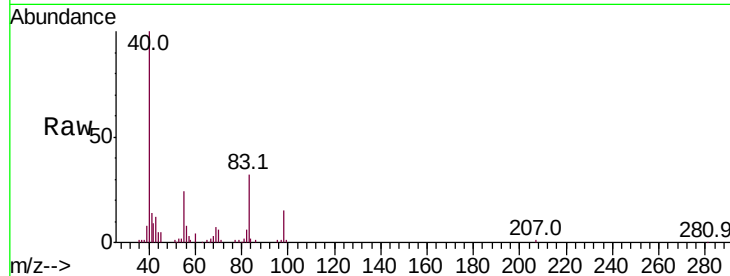




#39
Methylvlcyclohexane
Concen: 1.040 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

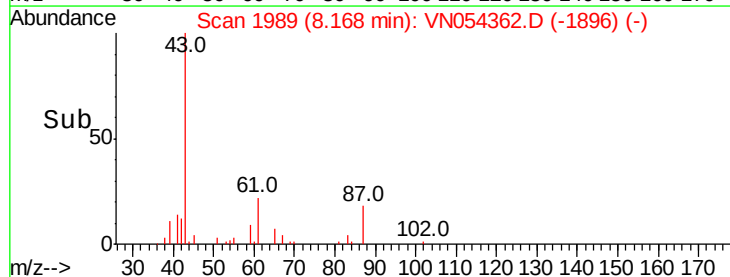
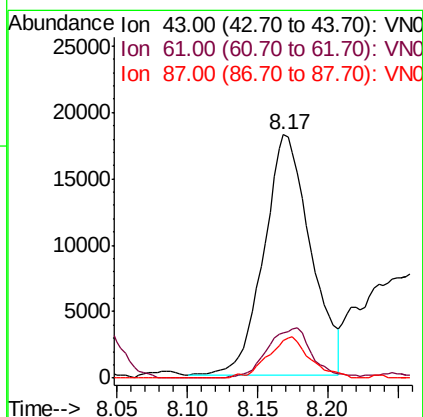
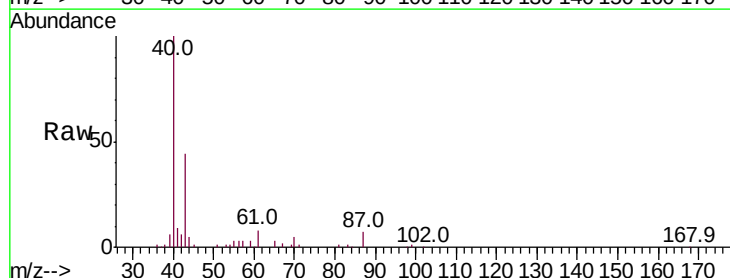
Instrument :
MSVOA_N
ClientSampleId :
ORG-031419

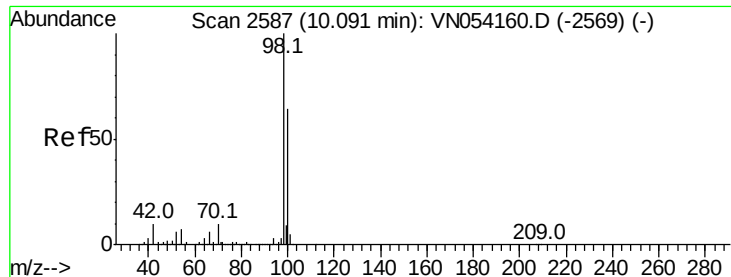
Tot Ion: 83 Resp: 31043
Ion Ratio Lower Upper
83 100
55 73.9 56.6 84.8
98 47.8 38.4 57.6



#43
Isopropyl Acetate
Concen: 1.710 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 43 Resp: 41832
Ion Ratio Lower Upper
43 100
61 20.0 15.8 23.8
87 15.4 12.0 18.0

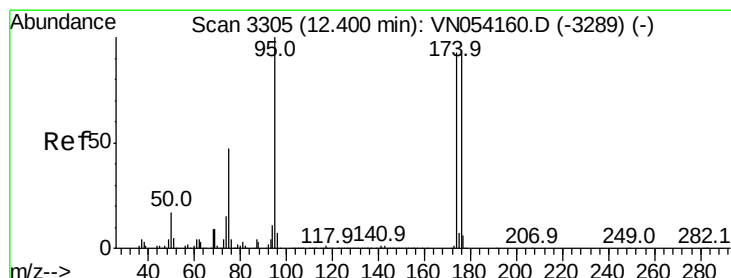
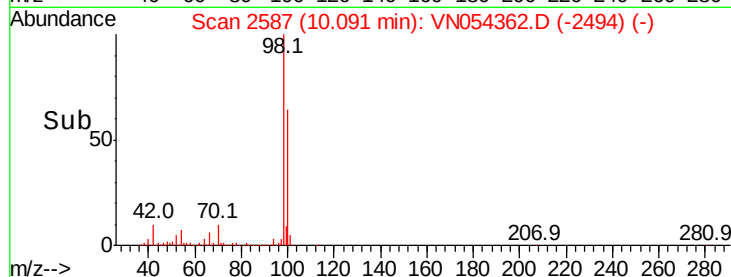
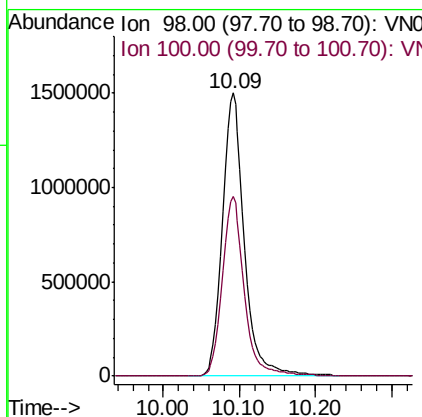
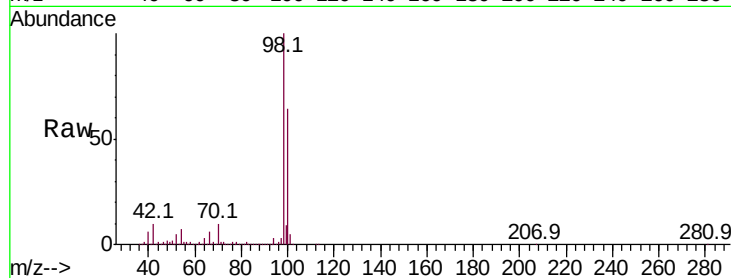




#50
Toluene-d8
Concen: 47.992 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

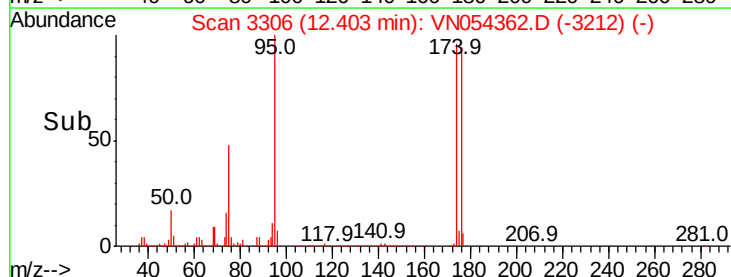
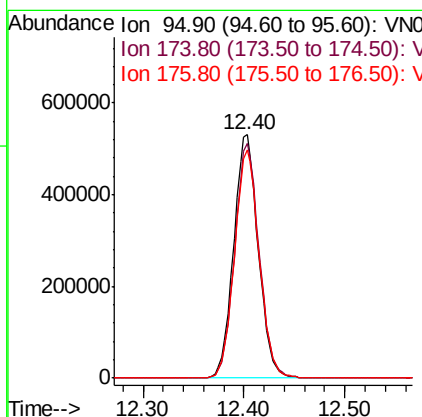
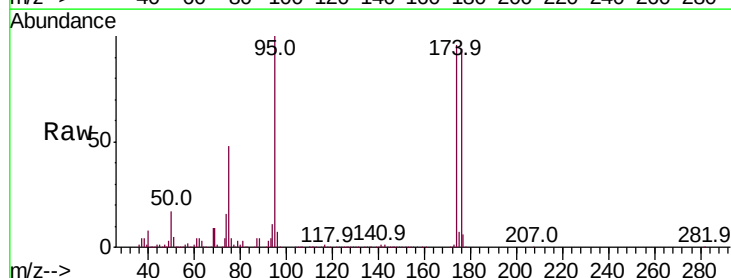
Instrument :
MSVOA_N
ClientSampleId :
ORG-031419

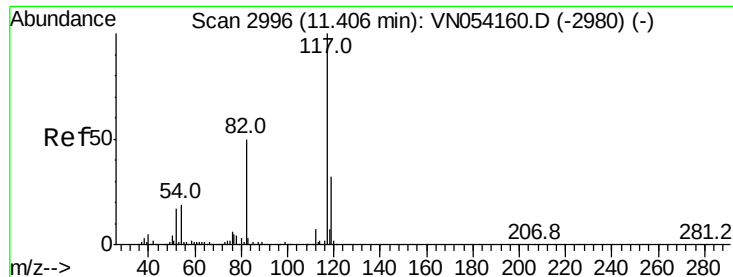
Tot Ion: 98 Resp: 3010252
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.850 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion: 95 Resp: 896540
Ion Ratio Lower Upper
95 100
174 96.5 0.0 191.0
176 94.3 0.0 187.4

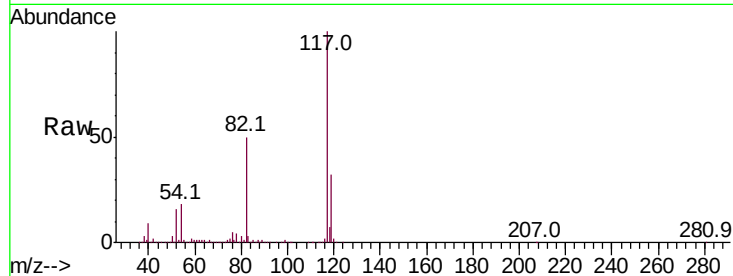




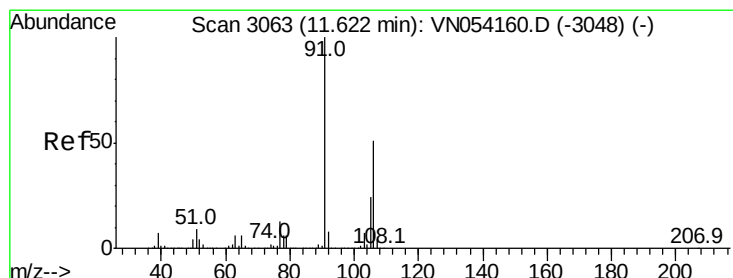
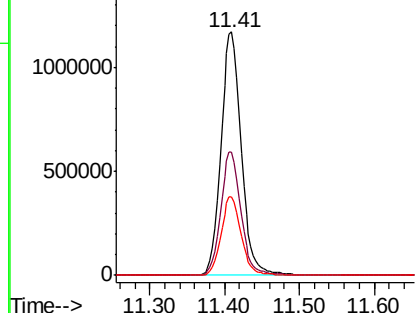
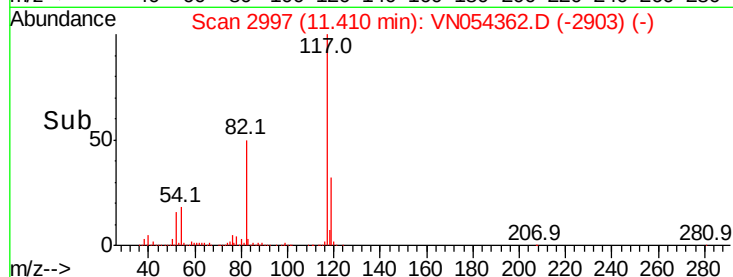
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Instrument :
MSVOA_N
ClientSampled :
ORG-031419

Tot Ion:117 Resp: 2191653
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 32.4 25.8 38.6

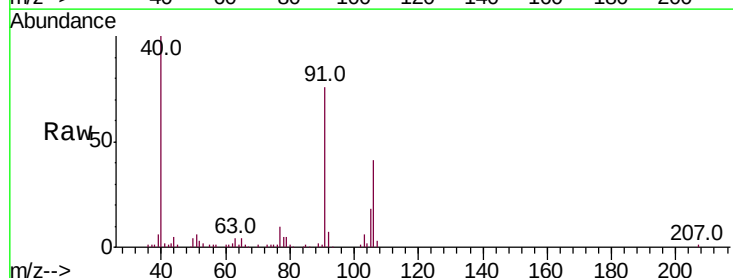


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

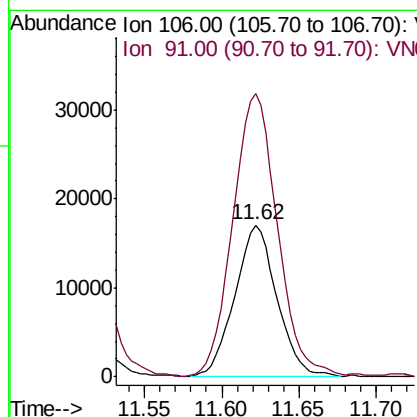
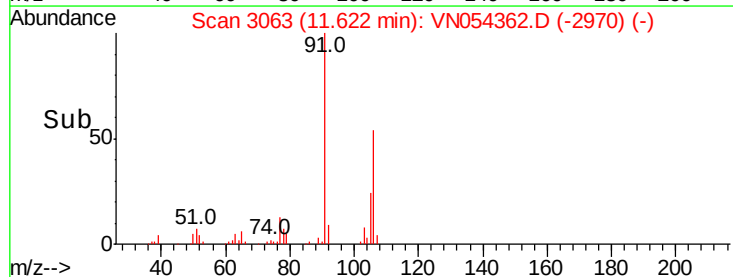


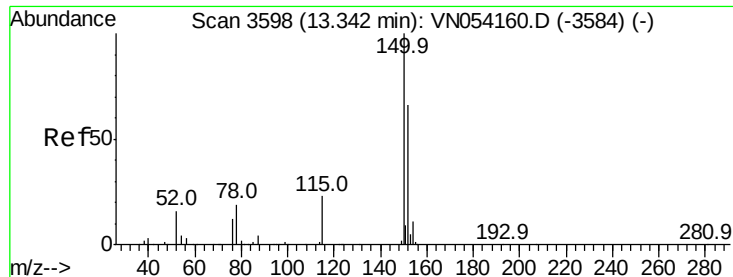
#68
m/p-Xylenes
Concen: 1.038 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054362.D
Acq: 17 Mar 2019 3:43

Tgt Ion:106 Resp: 32367
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampled :

ORG-031419

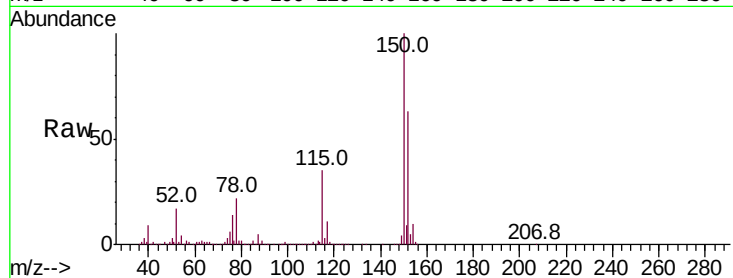
Tot Ion:152 Resp: 832603

Ion Ratio Lower Upper

152 100

115 55.5 27.2 81.6

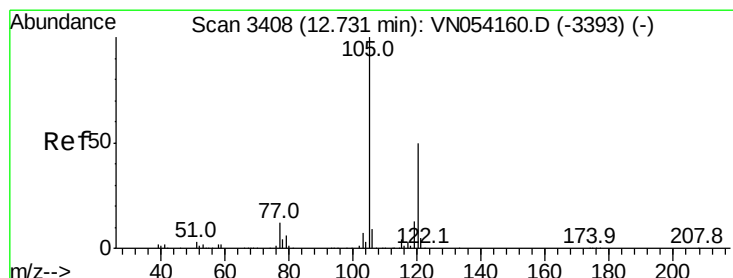
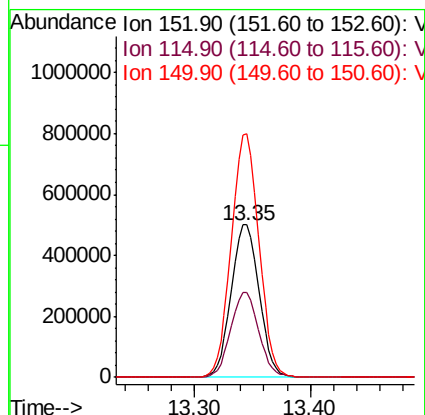
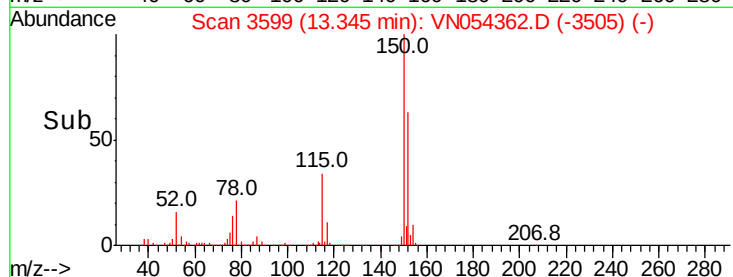
150 157.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.803 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054362.D

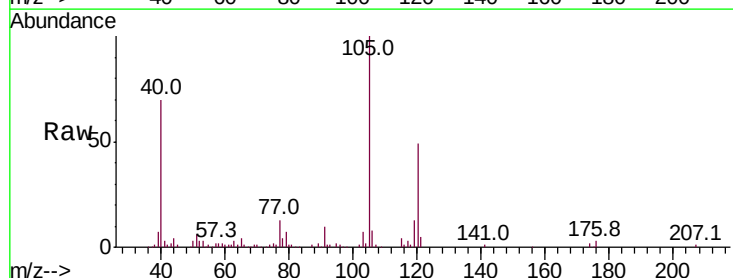
Acq: 17 Mar 2019 3:43

Tgt Ion:105 Resp: 99899

Ion Ratio Lower Upper

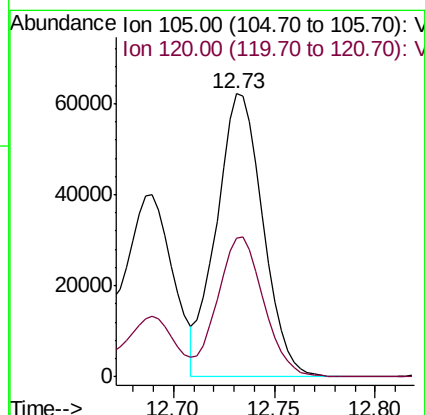
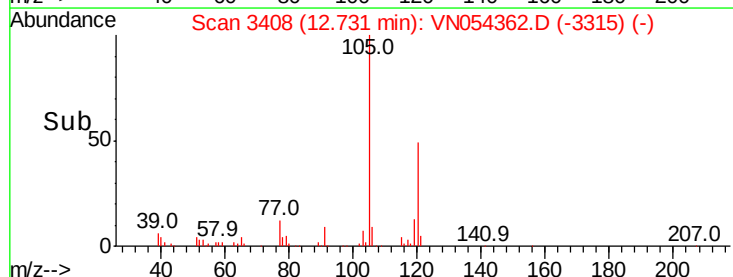
105 100

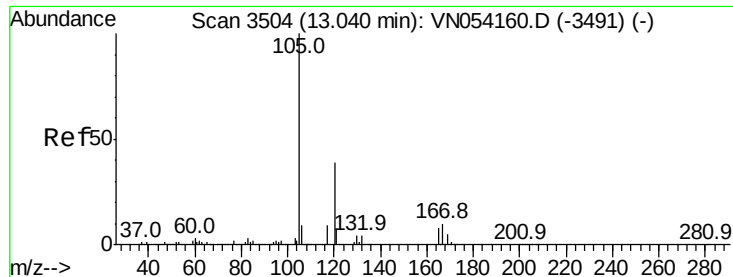
120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.121 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Instrument :

MSVOA_N

ClientSampleId :

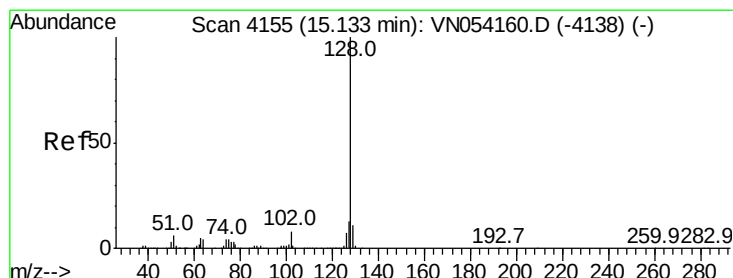
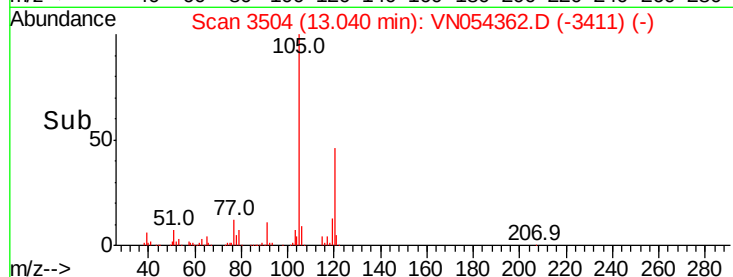
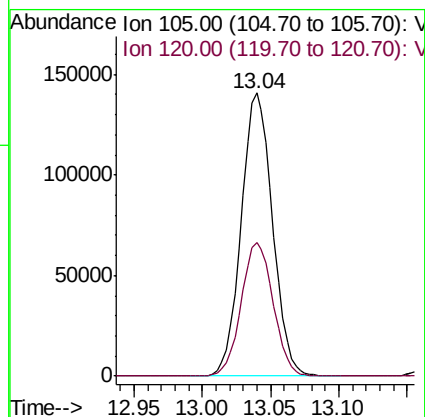
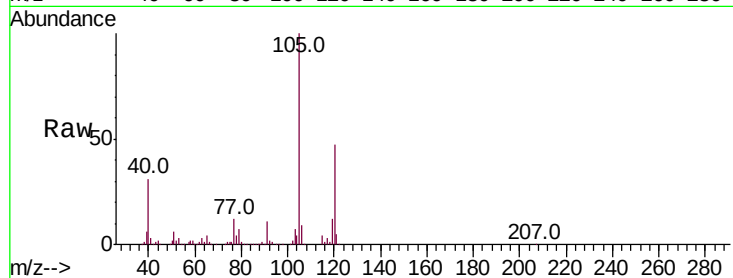
ORG-031419

Tot Ion:105 Resp: 224030

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.3



#95

Naphthalene

Concen: 7.941 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054362.D

Acq: 17 Mar 2019 3:43

Tgt Ion:128 Resp: 175468

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.0 8.7 13.1

