

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054387.D
 Acq On : 18 Mar 2019 12:10
 Operator : JC/SP
 Sample : K1960-11DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-4-9.0-031519DL

Quant Time: Mar 19 05:55:07 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	7.66	168	1906355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2703453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2233322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	800161	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	903243	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
35) Dibromofluoromethane	7.59	113	823593	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	10.09	98	3109602	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.40	95	906040	40.21	ug/l	0.00
Spiked Amount			Recovery	=	80.42%	

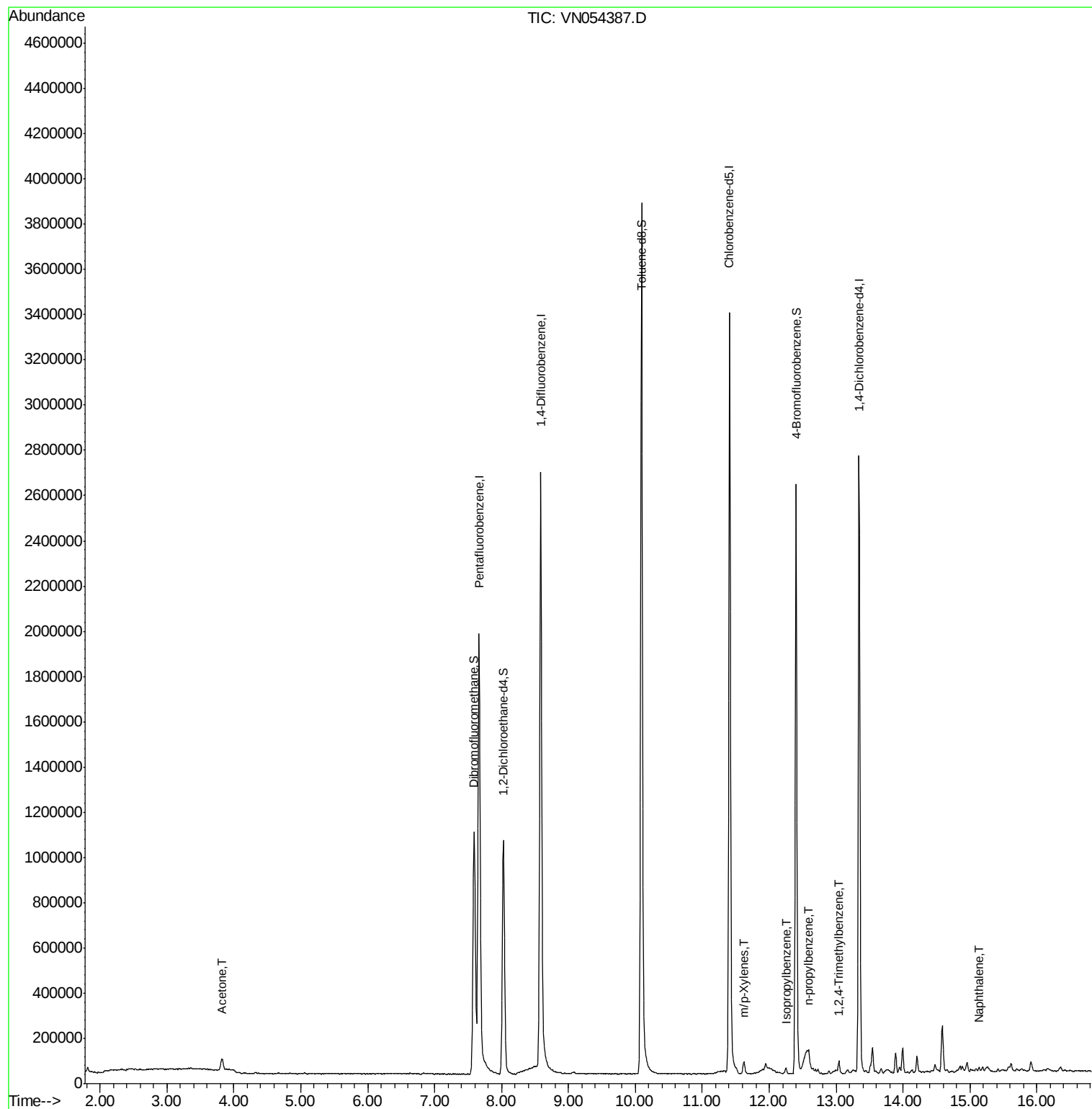
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	81398	14.042	ug/l	99
68) m/p-Xylenes	11.62	106	19540	0.615	ug/l	99
73) Isopropylbenzene	12.25	105	17831	0.279	ug/l	97
78) n-propylbenzene	12.59	91	19341	0.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	31903	0.611	ug/l	98
95) Naphthalene	15.14	128	20166	4.004	ug/l	98

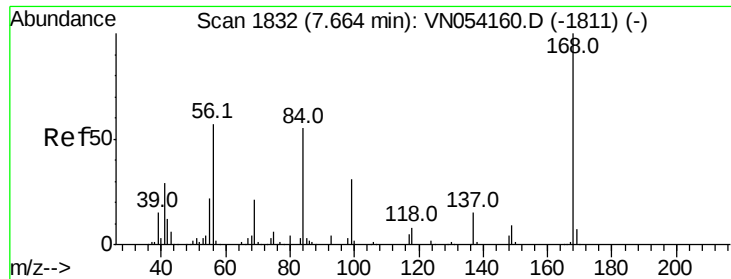
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
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: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

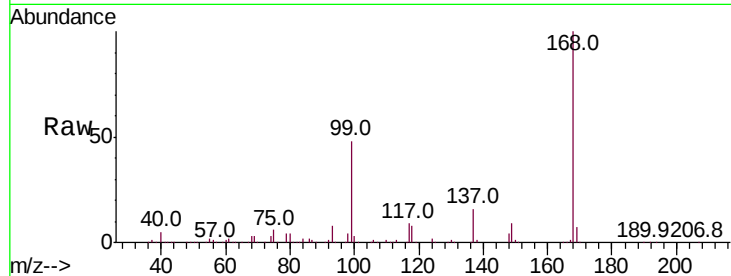
T11-MW-4-9.0-031519DL

Tot Ion:168 Resp: 1906355

Ion Ratio Lower Upper

168 100

99 48.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

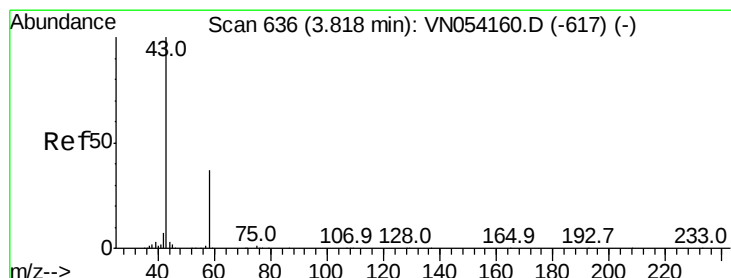
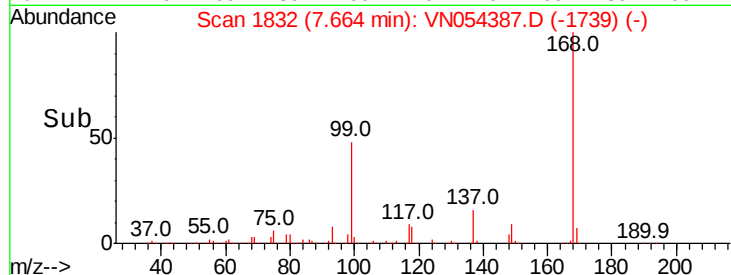
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 14.042 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054387.D

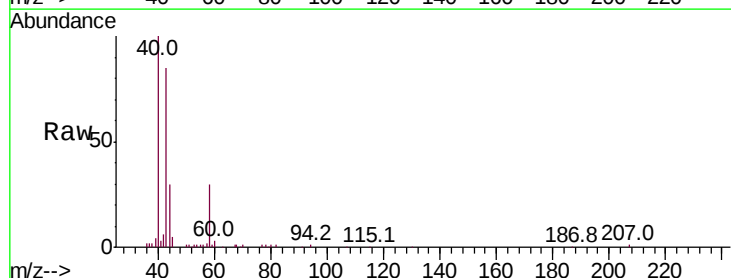
Acq: 18 Mar 2019 12:10

Tgt Ion: 43 Resp: 81398

Ion Ratio Lower Upper

43 100

58 37.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

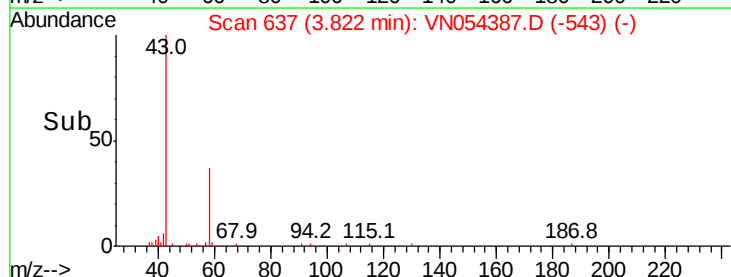
30000

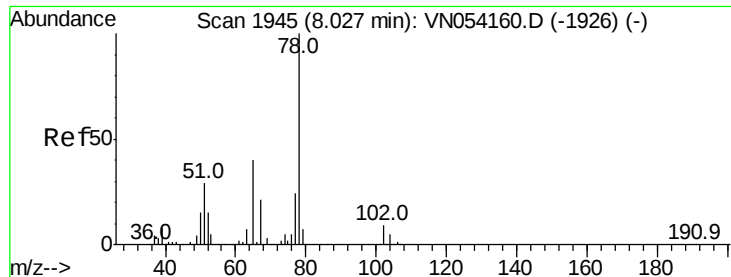
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.614 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

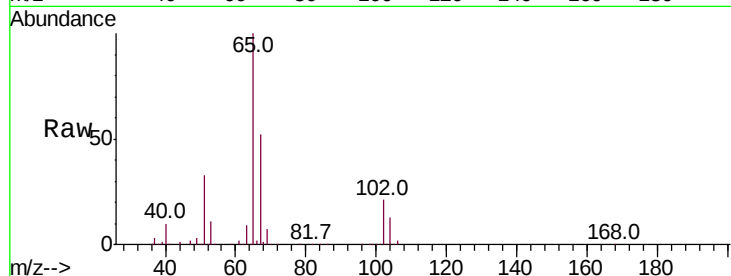
T11-MW-4-9.0-031519DL

Tot Ion: 65 Resp: 903243

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054387.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054387.D (-1852) (-)

8.03

400000

300000

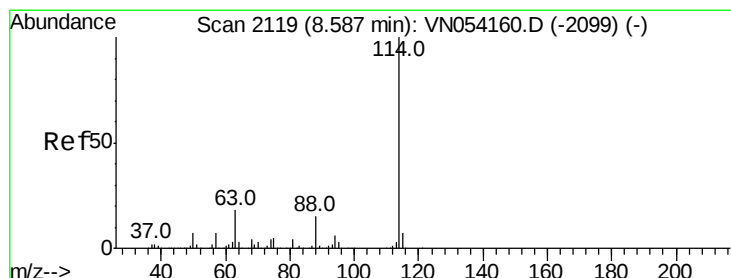
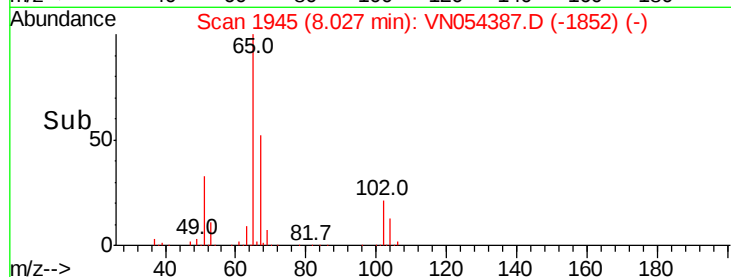
200000

100000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

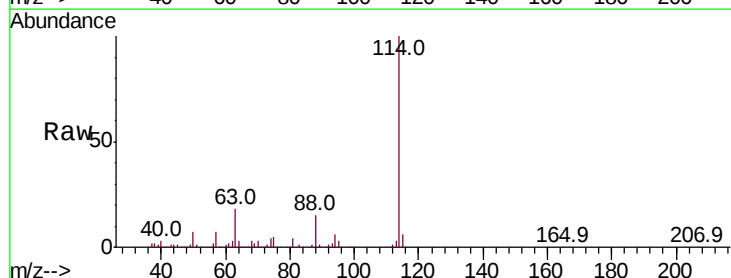
Tgt Ion:114 Resp: 2703453

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054387.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054387.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054387.D (-2026) (-)

8.59

1500000

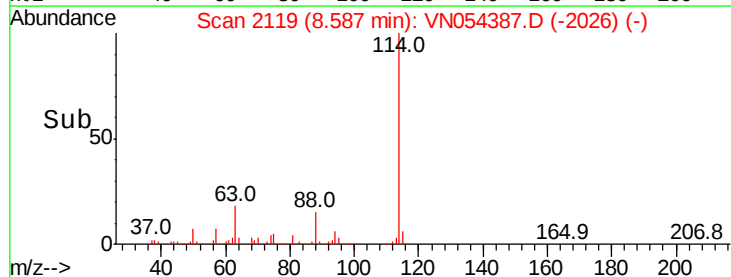
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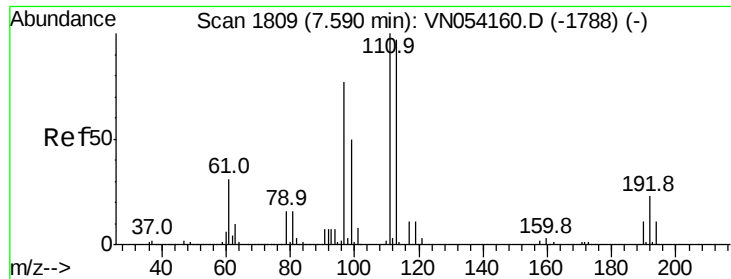
500000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.235 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-4-9.0-031519DL

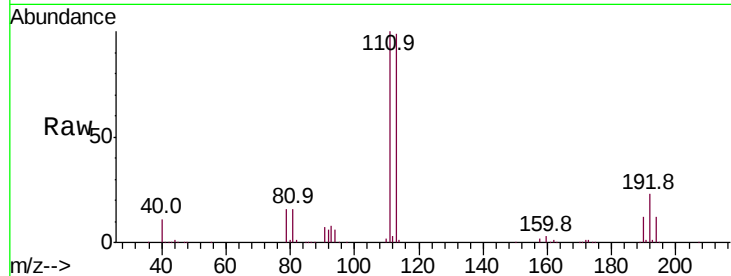
Tot Ion:113 Resp: 823593

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

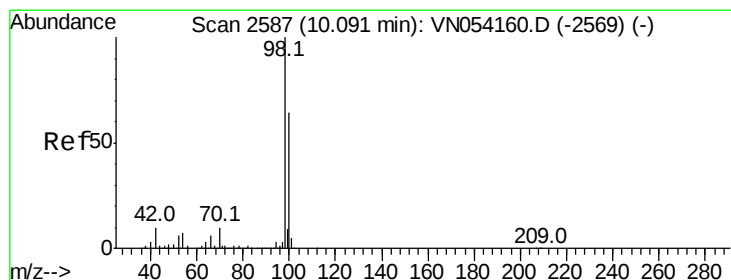
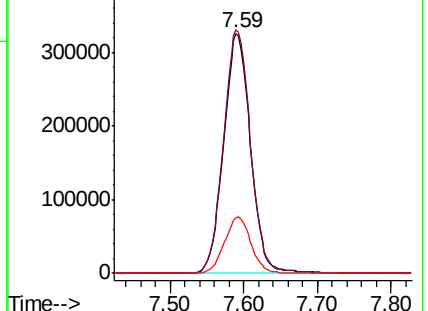
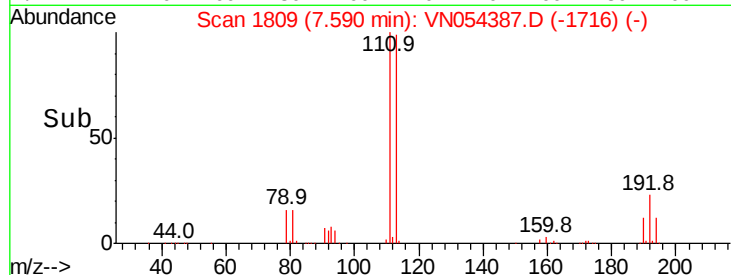
192 23.2 19.2 28.8



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



#50

Toluene-d8

Concen: 48.290 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054387.D

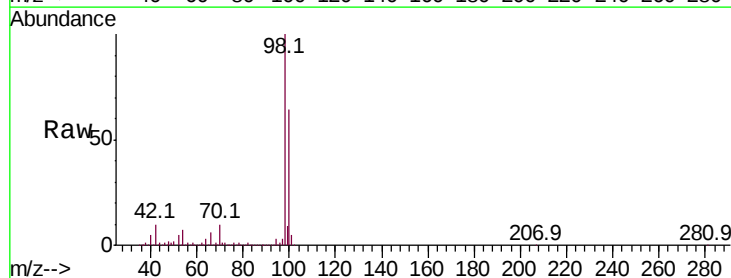
Acq: 18 Mar 2019 12:10

Tgt Ion: 98 Resp: 3109602

Ion Ratio Lower Upper

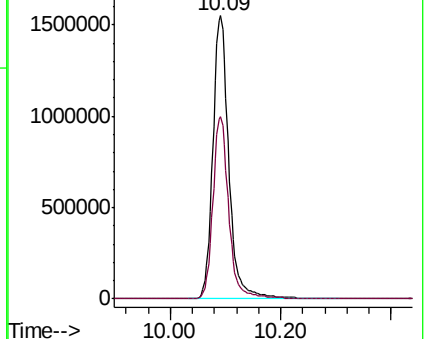
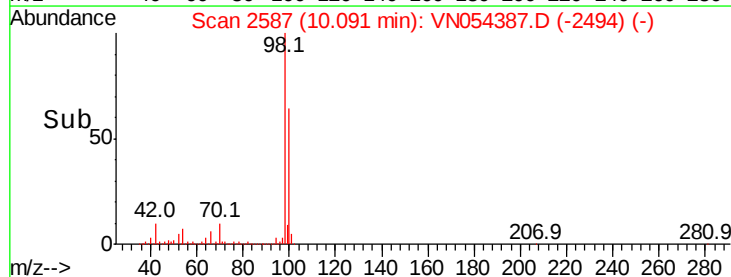
98 100

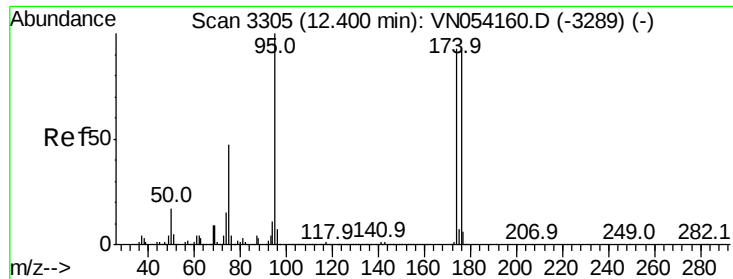
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

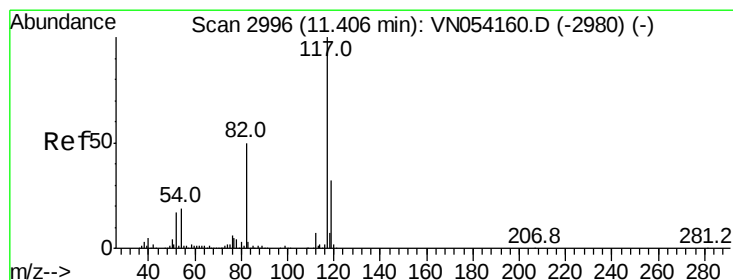
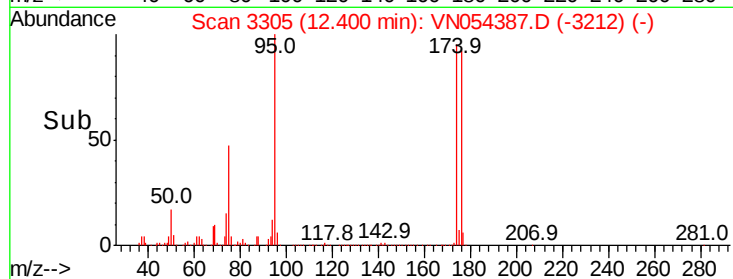
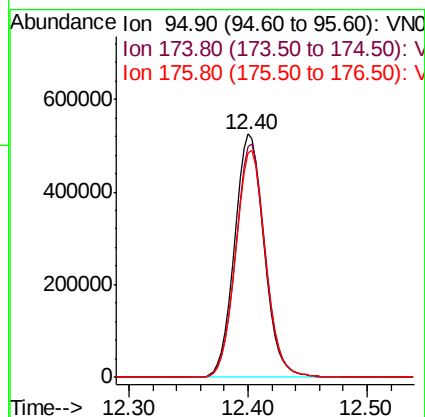
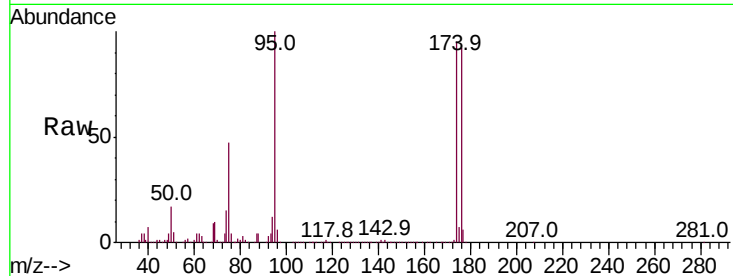




#62
4-Bromofluorobenzene
Concen: 40.212 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

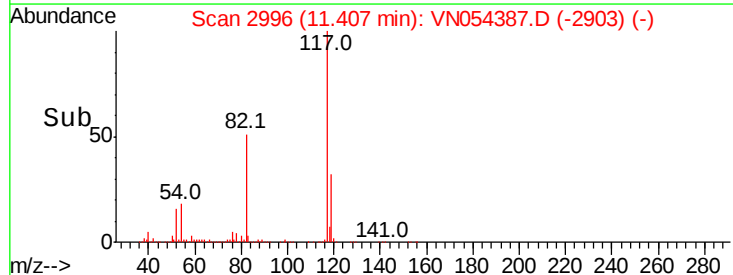
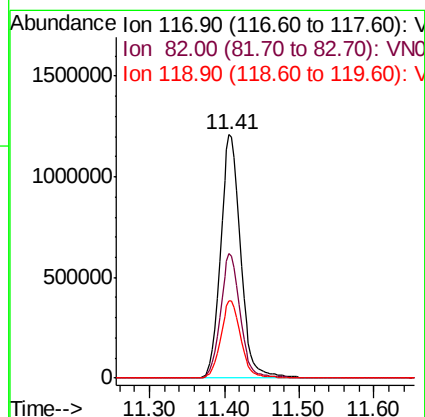
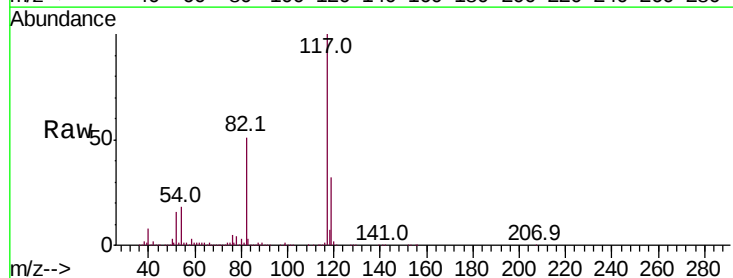
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-031519DL

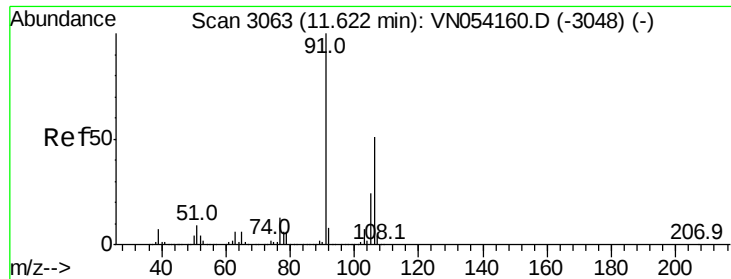
Tot Ion: 95 Resp: 906040
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.0
176 93.4 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 117 Resp: 2233322
Ion Ratio Lower Upper
117 100
82 51.0 40.0 60.0
119 31.8 25.8 38.6

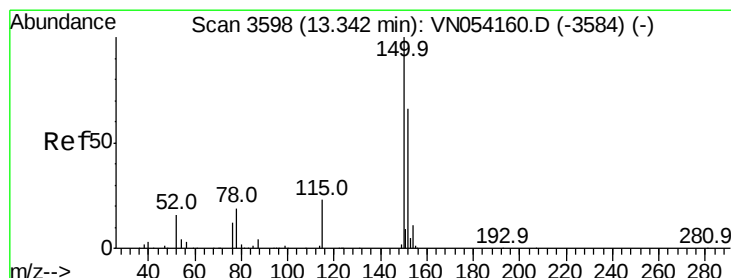
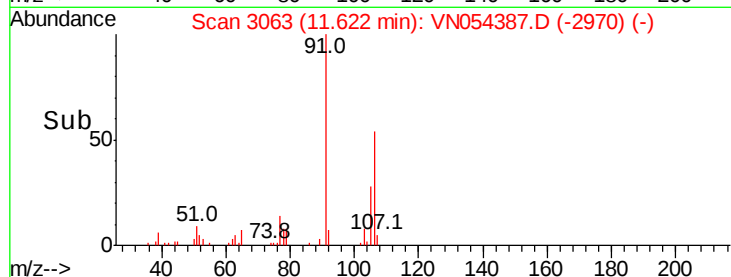
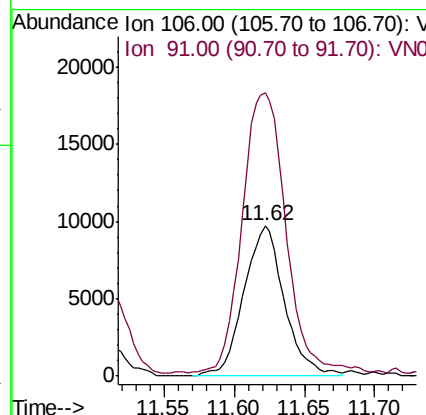
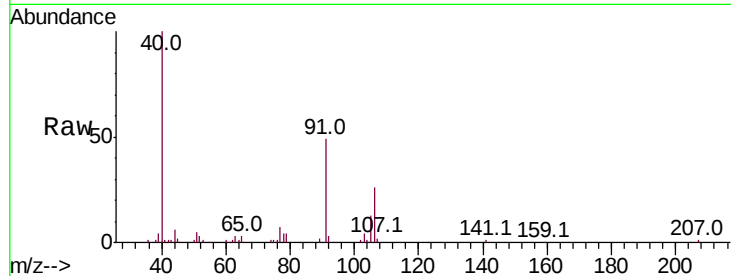




#68
m/p-Xvlenes
Concen: 0.615 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

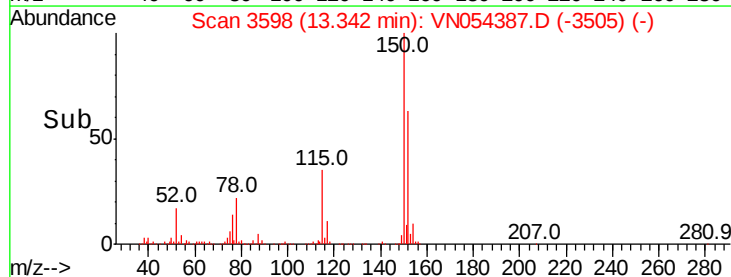
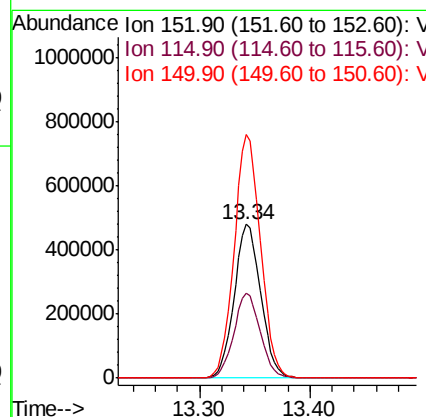
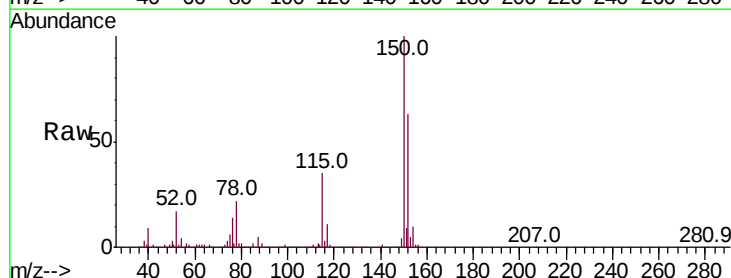
Instrument :
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ClientSampleId :
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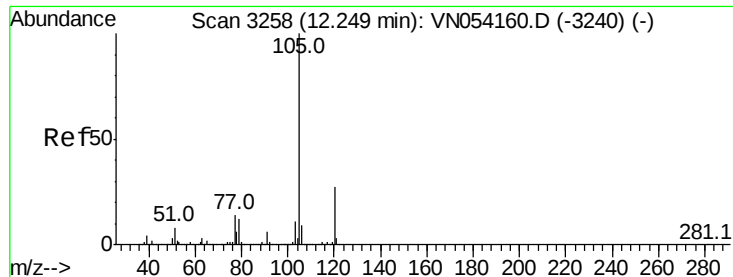
Tot Ion:106 Resp: 19540
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:152 Resp: 800161
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.6
150 157.2 0.0 349.2





#73

Isopropylbenzene

Concen: 0.279 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

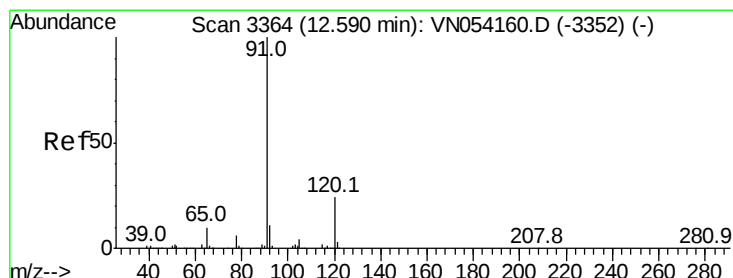
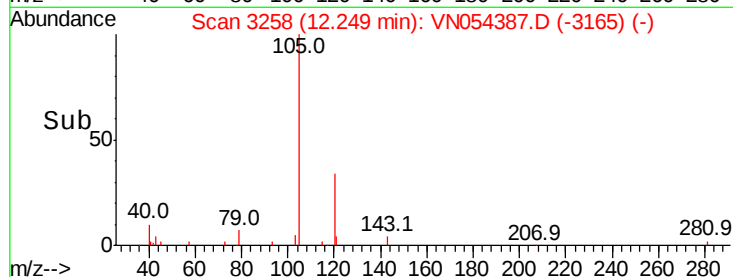
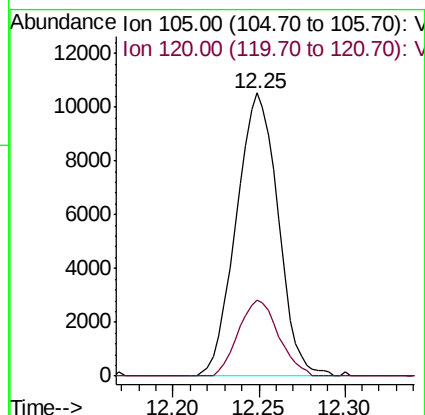
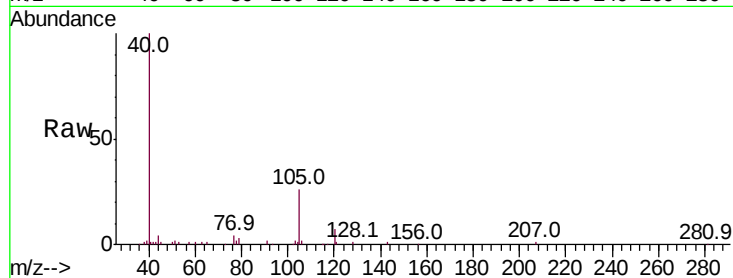
T11-MW-4-9.0-031519DL

Tot Ion:105 Resp: 17831

Ion Ratio Lower Upper

105 100

120 25.7 13.8 41.3



#78

n-propylbenzene

Concen: 0.278 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054387.D

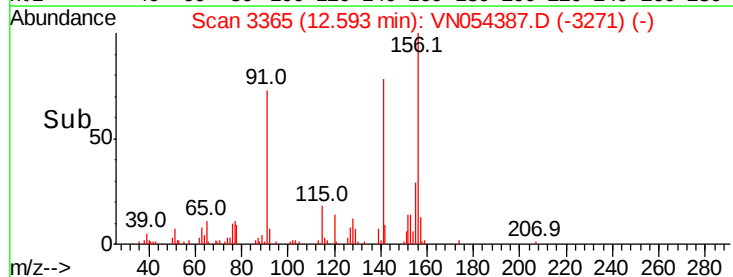
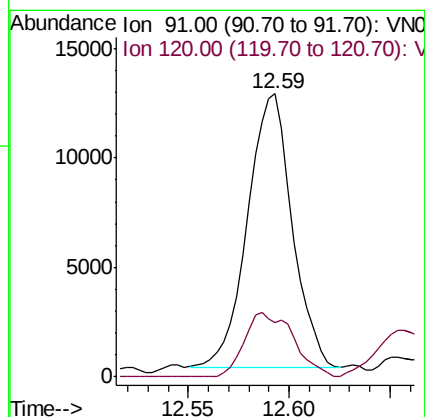
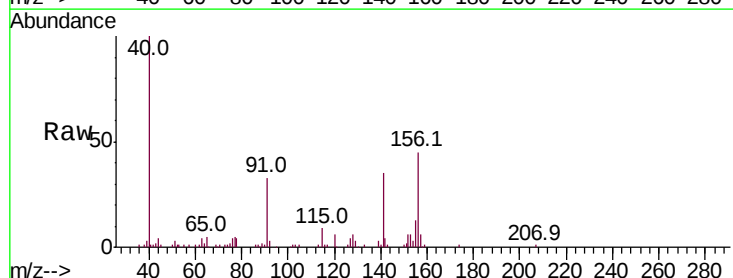
Acq: 18 Mar 2019 12:10

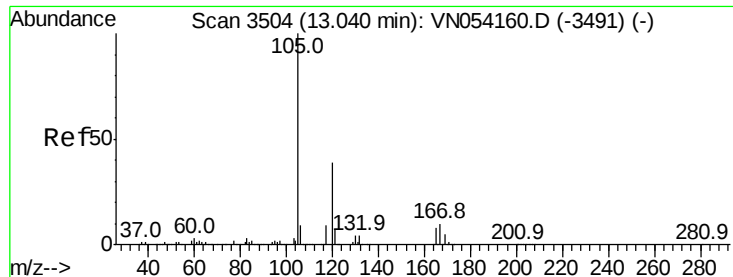
Tgt Ion: 91 Resp: 19341

Ion Ratio Lower Upper

91 100

120 25.8 12.3 36.9





#84

1,2,4-Trimethylbenzene

Concen: 0.611 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

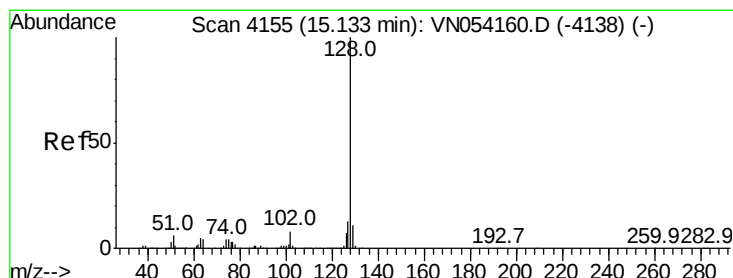
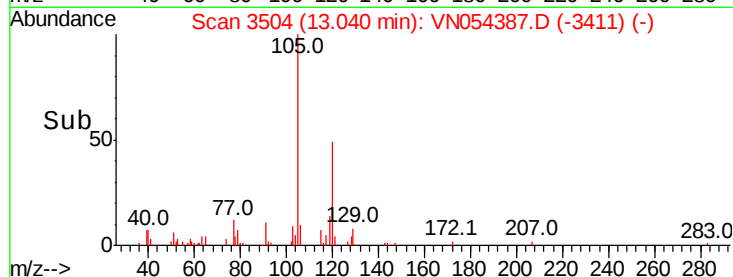
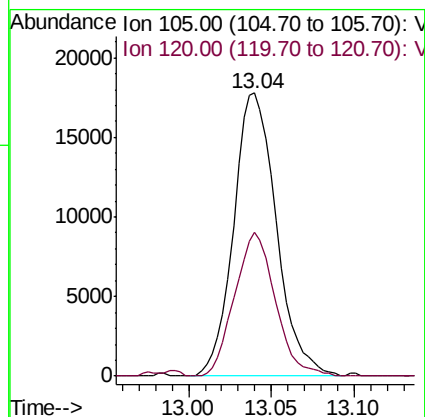
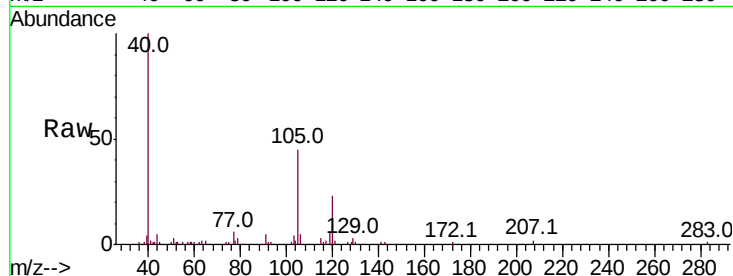
T11-MW-4-9.0-031519DL

Tot Ion:105 Resp: 31903

Ion Ratio Lower Upper

105 100

120 48.3 23.4 70.3



#95

Naphthalene

Concen: 4.004 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054387.D

Acq: 18 Mar 2019 12:10

Tgt Ion:128 Resp: 20166

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 10.8 8.7 13.1

