

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
 Data File : VN053530.D
 Acq On : 23 Jan 2019 11:50
 Operator : JC/SP
 Sample : K1210-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-1495

Quant Time: Jan 24 01:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	813402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1276848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1229549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	573883	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	414475	51.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.10%	
35) Dibromofluoromethane	7.59	113	386826	53.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.16%	
50) Toluene-d8	10.09	98	1601259	51.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	570885	52.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.66%	

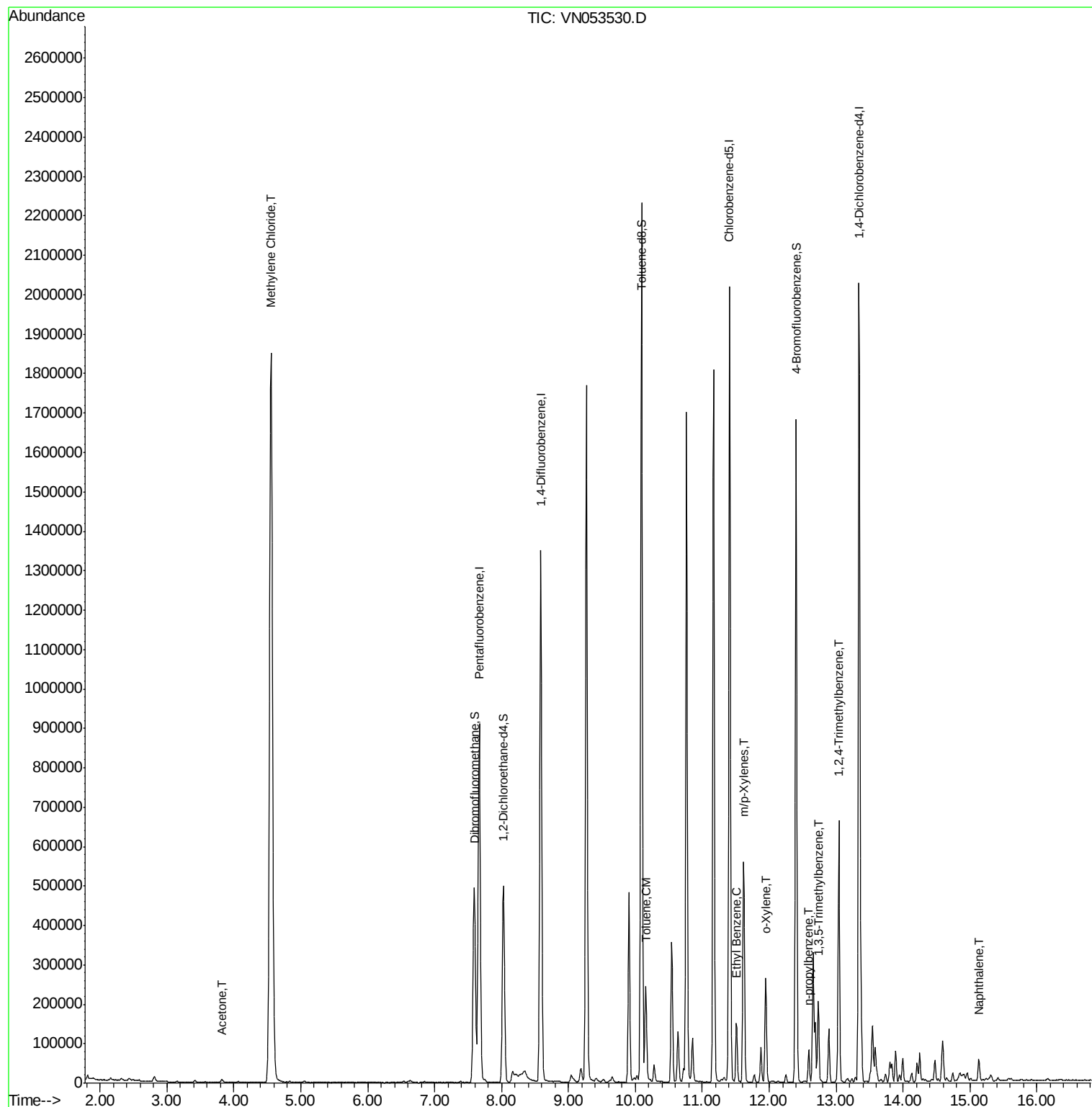
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13096	6.943	ug/l	95
20) Methylene Chloride	4.55	84	1482251	172.119	ug/l	100
52) Toluene	10.16	92	108571	4.949	ug/l	99
67) Ethyl Benzene	11.51	91	112822	2.544	ug/l	97
68) m/p-Xylenes	11.62	106	185295	11.065	ug/l	99
69) o-Xylene	11.95	106	72859	4.478	ug/l	99
78) n-propylbenzene	12.59	91	65136	1.350	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	116913	3.419	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	390949	11.339	ug/l	99
95) Naphthalene	15.13	128	50256	7.276	ug/l	100

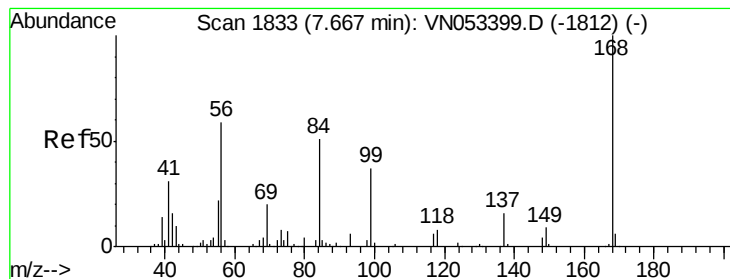
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012319\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053530.D

Acq: 23 Jan 2019 11:50

Instrument :

MSVOA_N

ClientSampled :

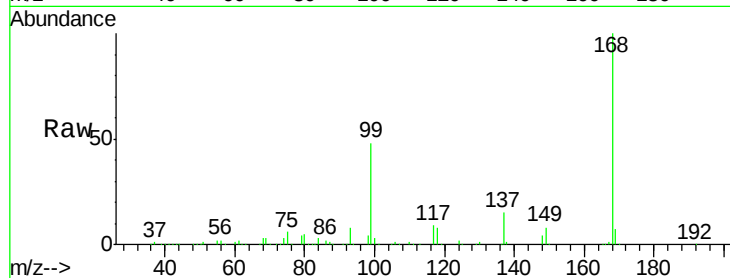
RT-1495

Tot Ion:168 Resp: 813402

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

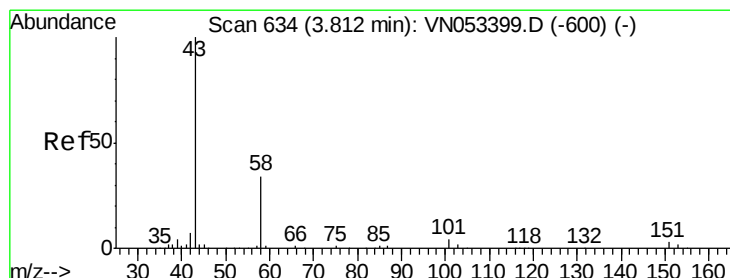
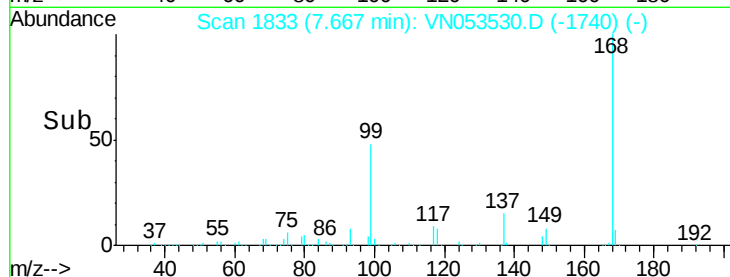
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.943 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053530.D

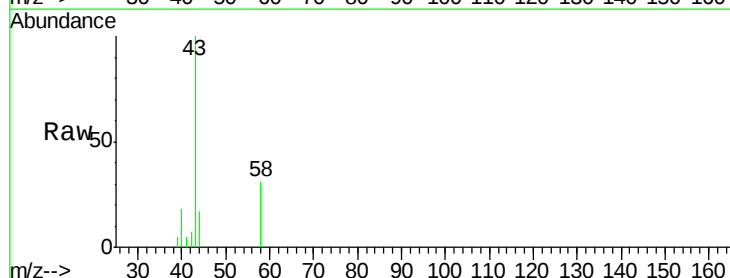
Acq: 23 Jan 2019 11:50

Tgt Ion: 43 Resp: 13096

Ion Ratio Lower Upper

43 100

58 30.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

5000

4000

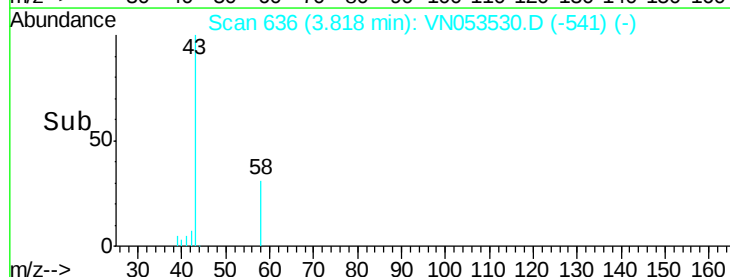
3000

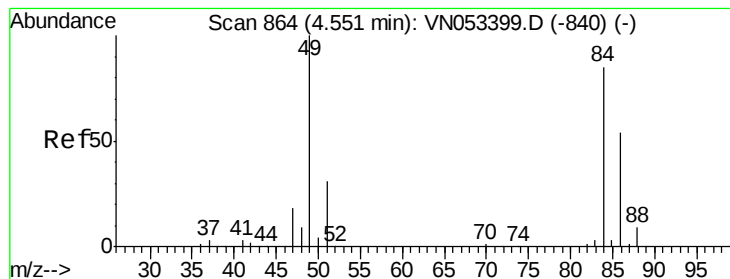
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 172.119 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053530.D

Acq: 23 Jan 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

RT-1495

Tot Ion: 84 Resp: 1482251

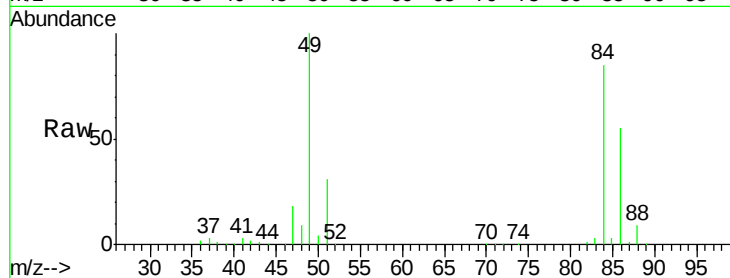
Ion Ratio Lower Upper

84 100

49 118.0 94.3 141.5

51 36.5 29.4 44.2

86 64.6 51.4 77.0

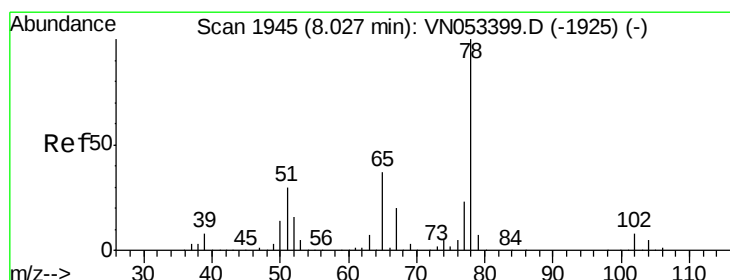
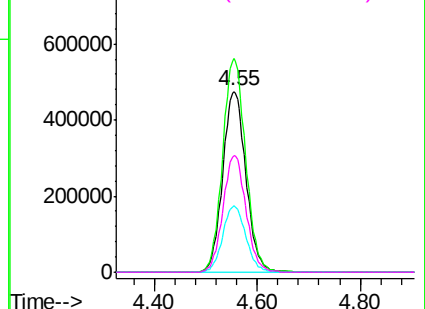
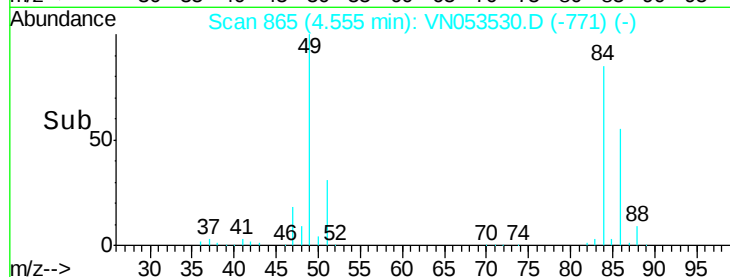


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053530.D

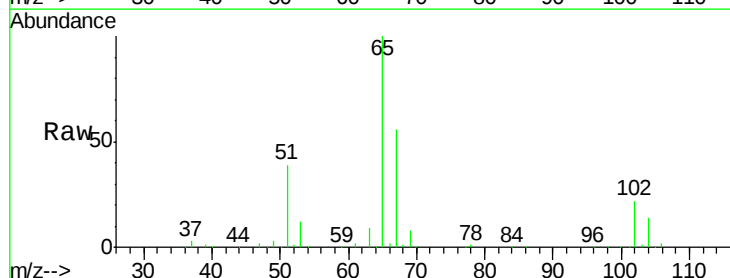
Acq: 23 Jan 2019 11:50

Tgt Ion: 65 Resp: 414475

Ion Ratio Lower Upper

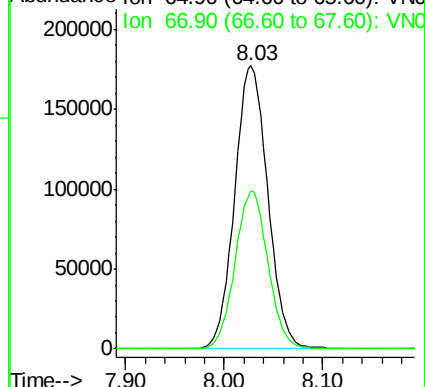
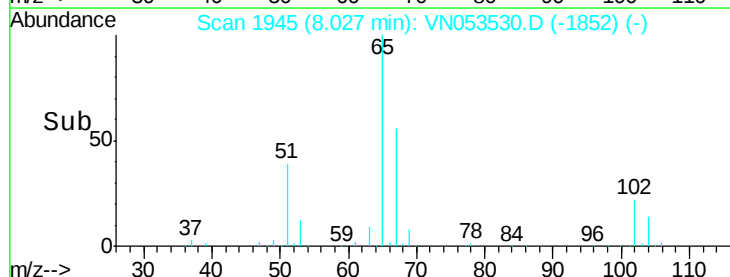
65 100

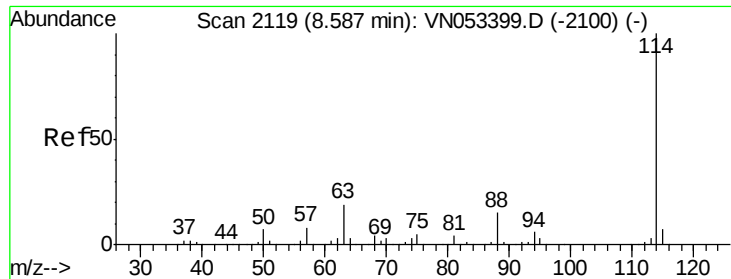
67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

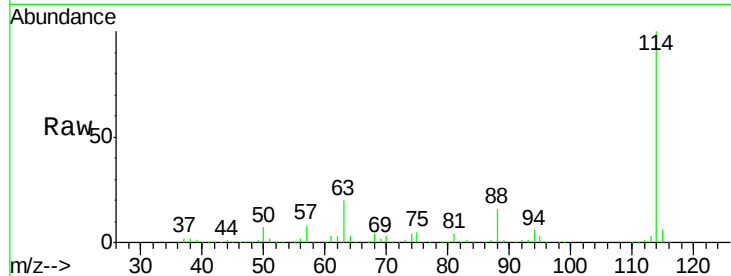




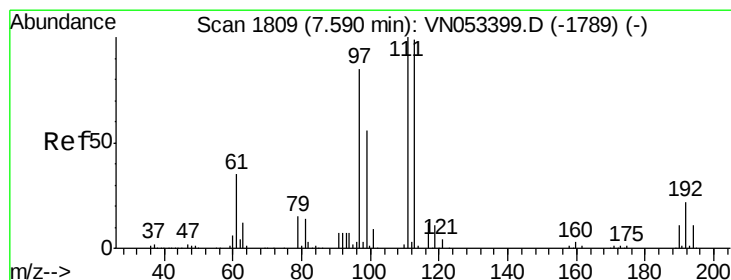
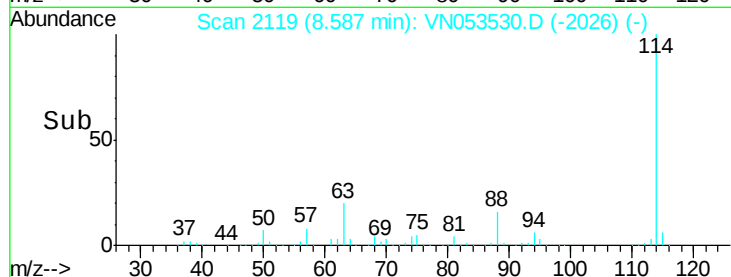
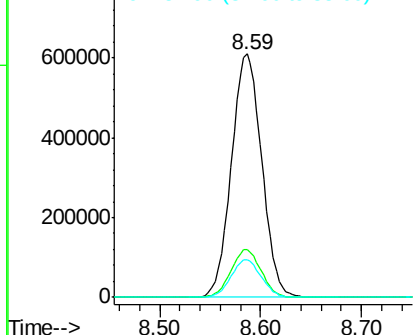
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

Instrument :
MSVOA_N
ClientSampleId :
RT-1495

Tot Ion:114 Resp: 1276848
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.5 0.0 30.4

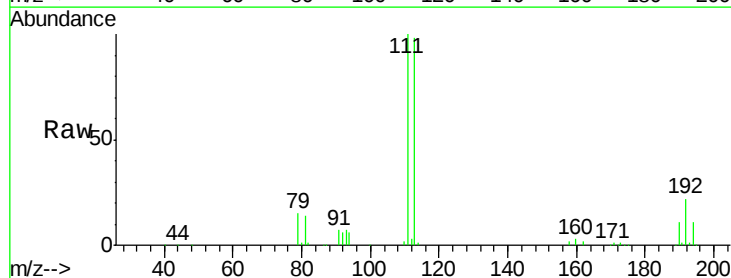


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

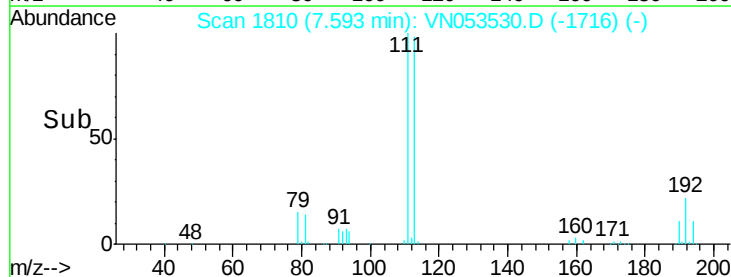
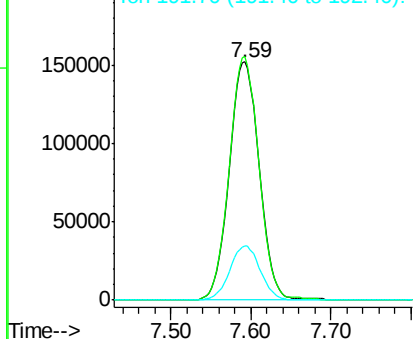


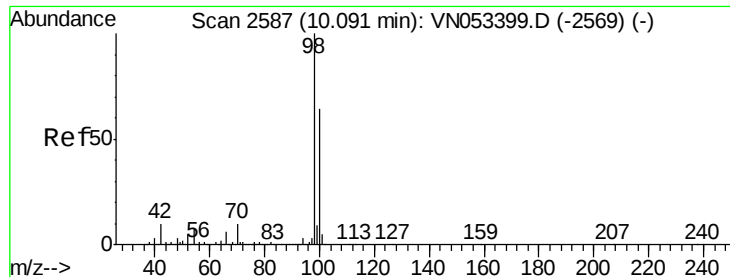
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

Tgt Ion:113 Resp: 386826
Ion Ratio Lower Upper
113 100
111 100.9 81.1 121.7
192 23.0 18.2 27.2



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053530.D

Acq: 23 Jan 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

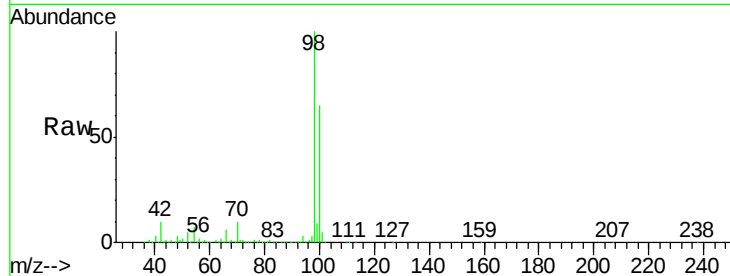
RT-1495

Tot Ion: 98 Resp: 1601259

Ion Ratio Lower Upper

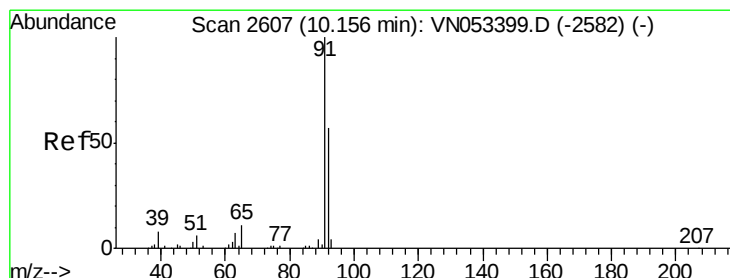
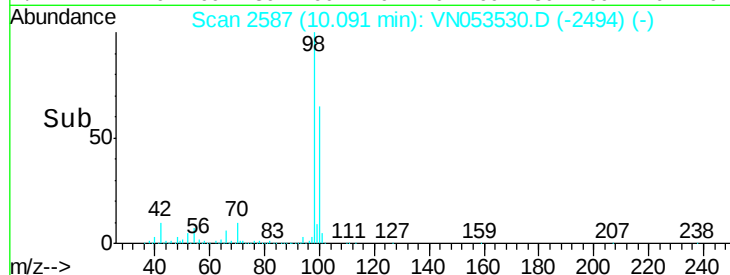
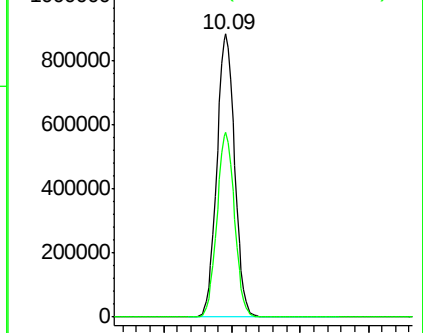
98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 4.949 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053530.D

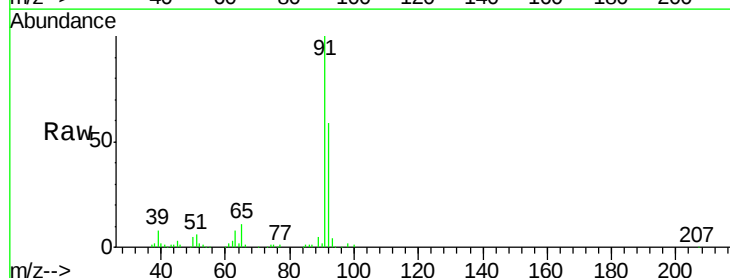
Acq: 23 Jan 2019 11:50

Tgt Ion: 92 Resp: 108571

Ion Ratio Lower Upper

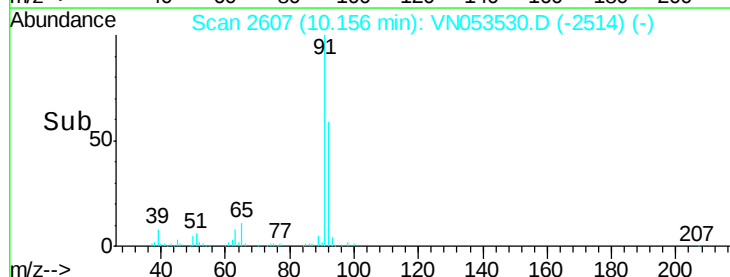
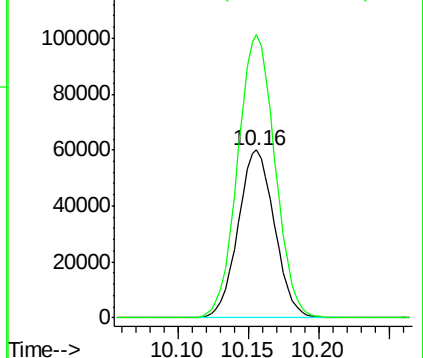
92 100

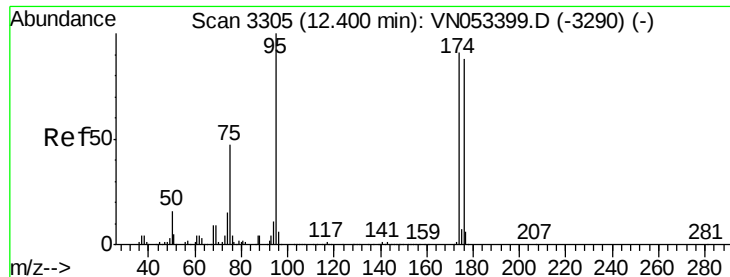
91 173.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053530.D

Acq: 23 Jan 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

RT-1495

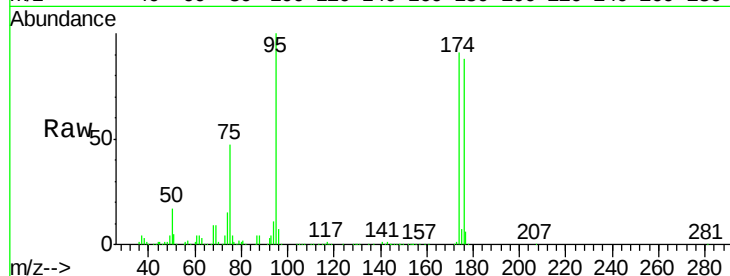
Tot Ion: 95 Resp: 570885

Ion Ratio Lower Upper

95 100

174 92.4 0.0 183.2

176 89.2 0.0 177.4

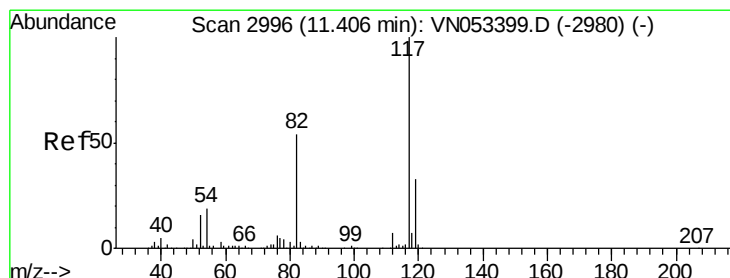
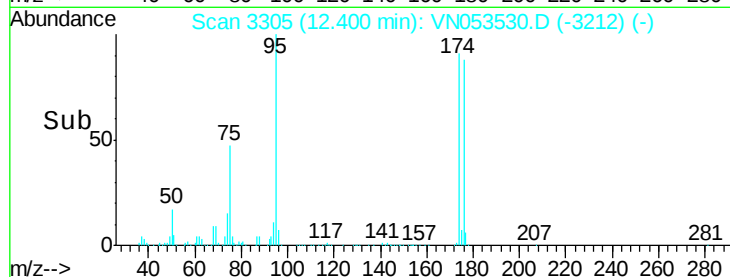


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053530.D

Acq: 23 Jan 2019 11:50

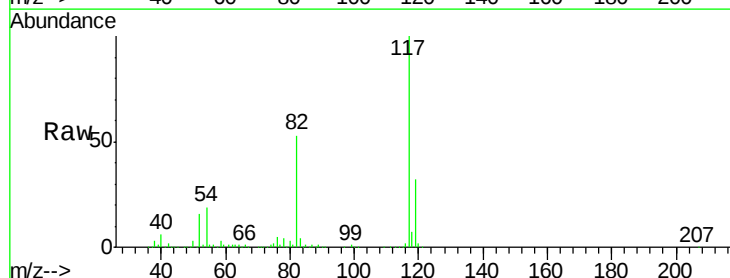
Tgt Ion: 117 Resp: 1229549

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

119 32.3 26.0 39.0

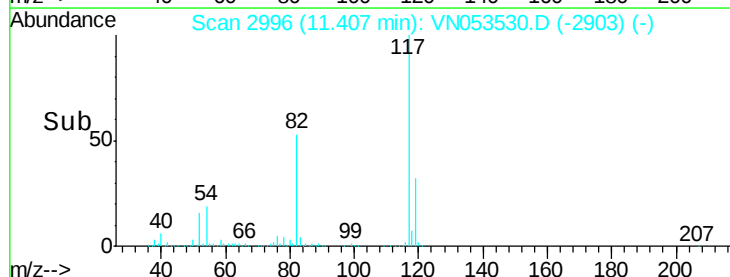


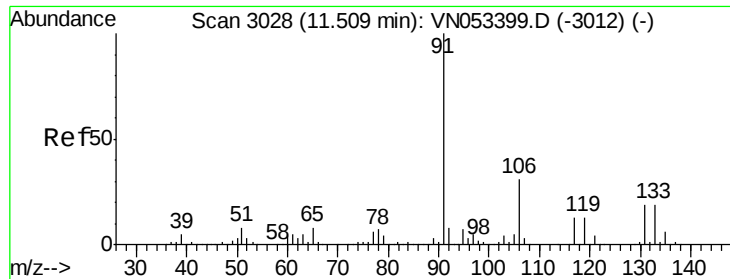
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

Time-->

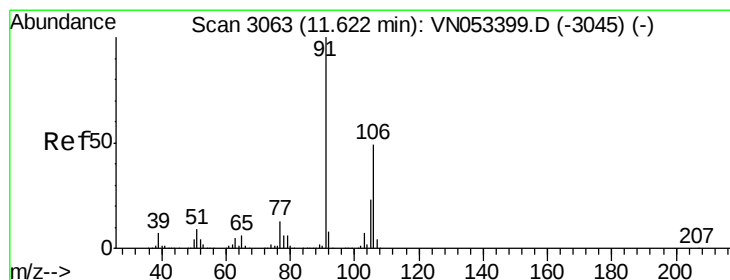
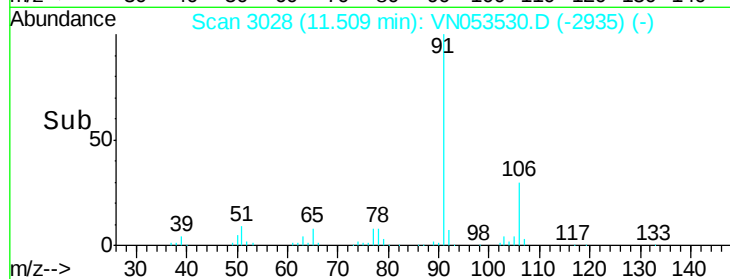
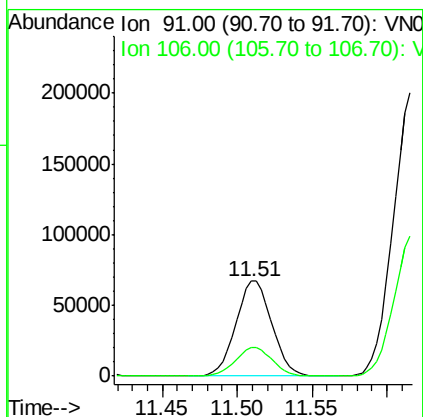
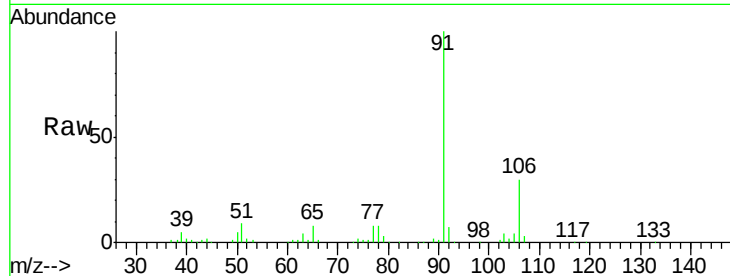




#67
Ethyl Benzene
Concen: 2.544 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

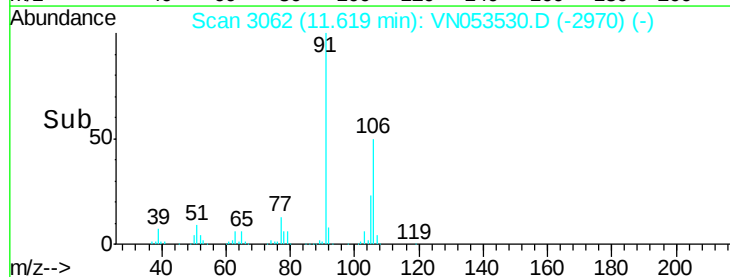
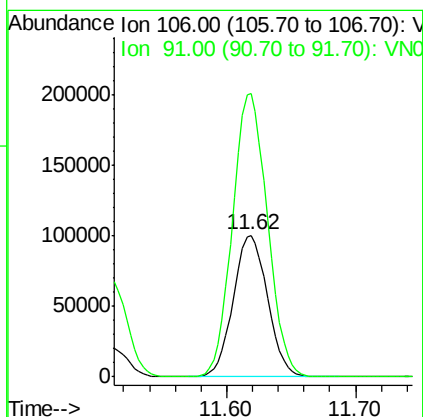
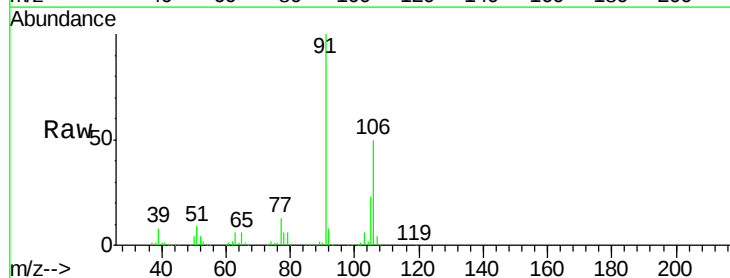
Instrument :
MSVOA_N
ClientSampled :
RT-1495

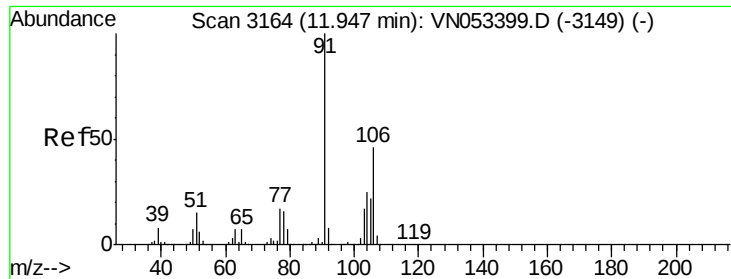
Tot Ion: 91 Resp: 112822
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6



#68
m/p-Xylenes
Concen: 11.065 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

Tgt Ion: 106 Resp: 185295
Ion Ratio Lower Upper
106 100
91 203.6 161.4 242.2

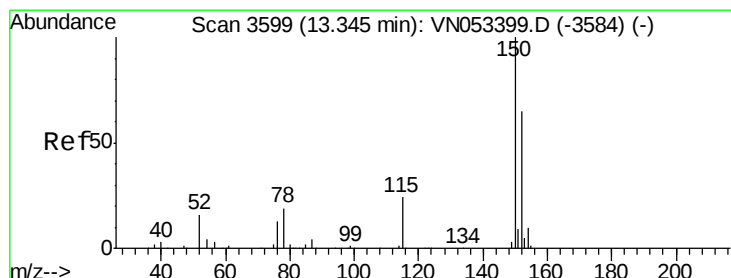
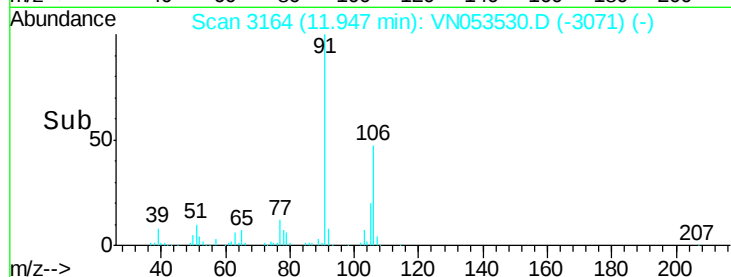
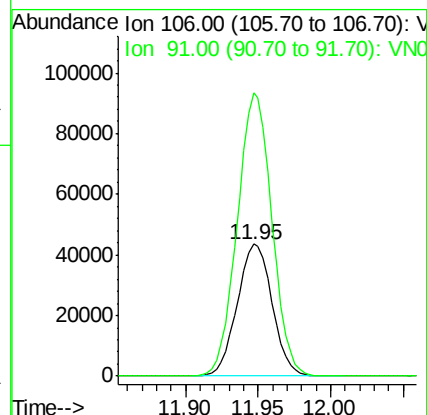
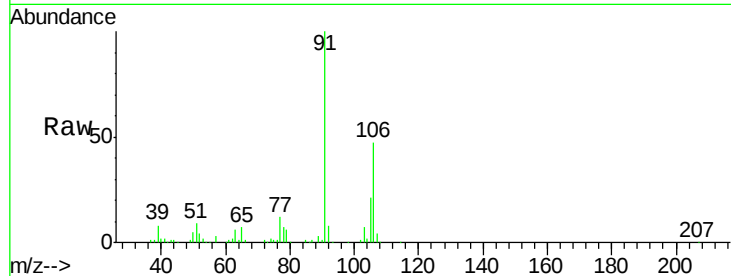




#69
o-Xylene
Concen: 4.478 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

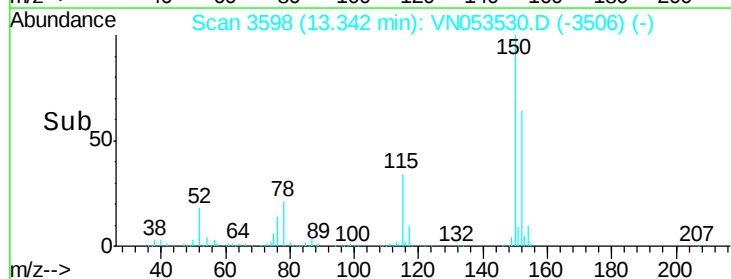
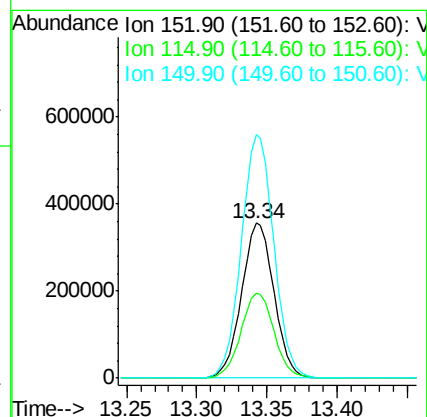
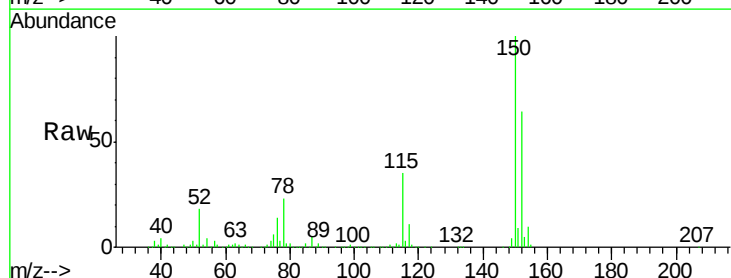
Instrument :
MSVOA_N
ClientSampled :
RT-1495

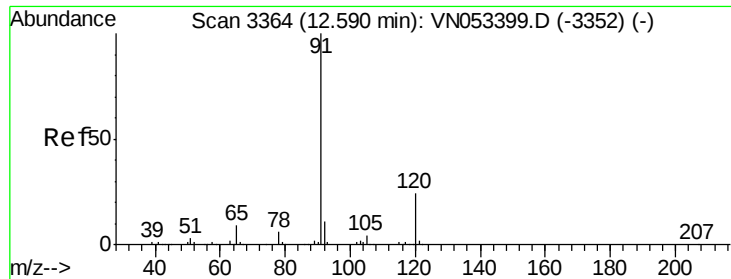
Tot Ion:106 Resp: 72859
Ion Ratio Lower Upper
106 100
91 212.9 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053530.D
Acq: 23 Jan 2019 11:50

Tgt Ion:152 Resp: 573883
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.4
150 157.6 0.0 349.0





#78

n-propylbenzene

Concen: 1.350 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053530.D

Acq: 23 Jan 2019 11:50

Instrument :

MSVOA_N

ClientSampleId :

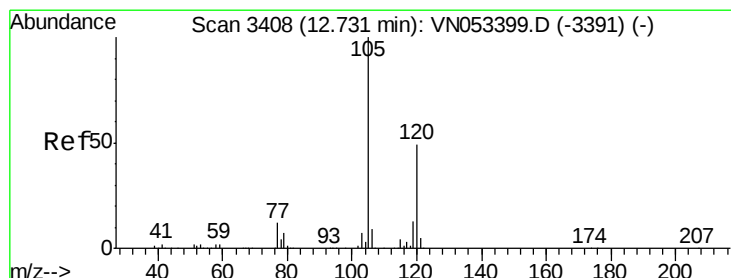
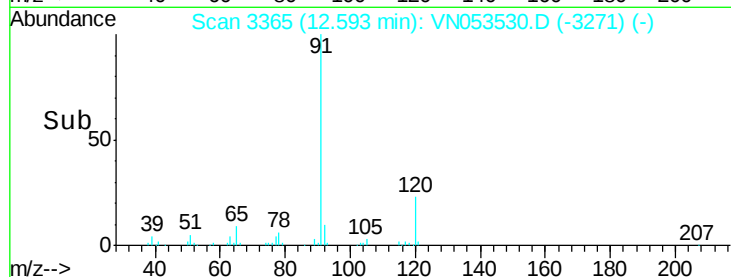
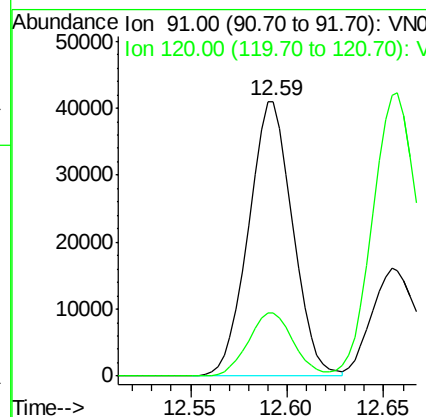
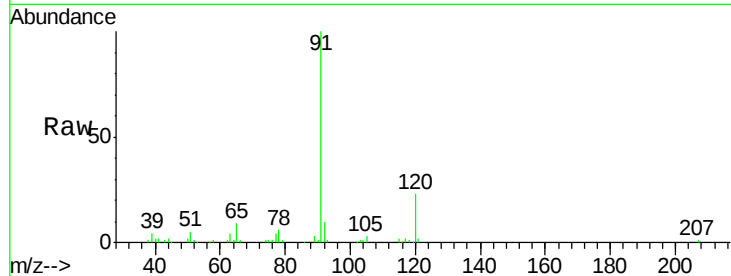
RT-1495

Tot Ion: 91 Resp: 65136

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 3.419 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053530.D

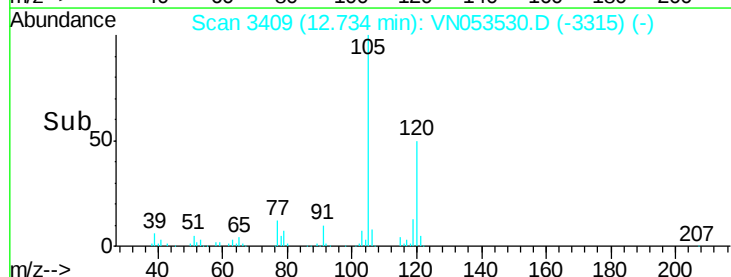
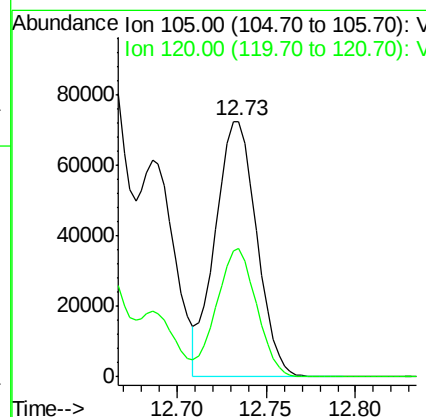
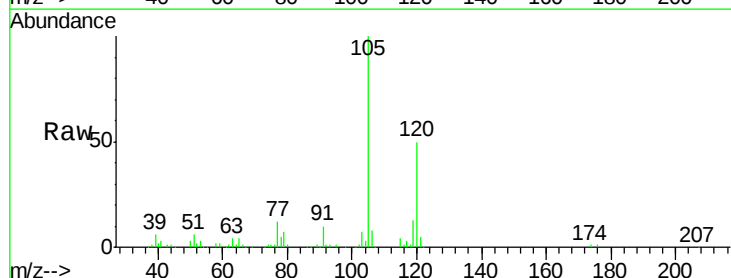
Acq: 23 Jan 2019 11:50

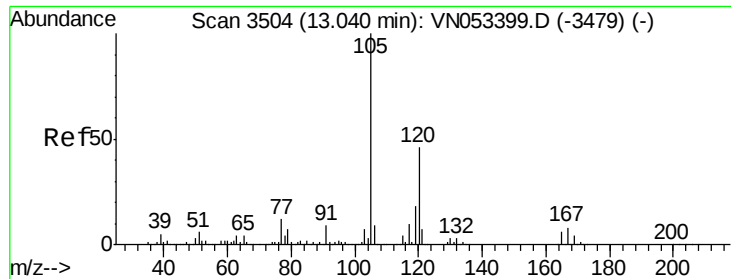
Tgt Ion: 105 Resp: 116913

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.6

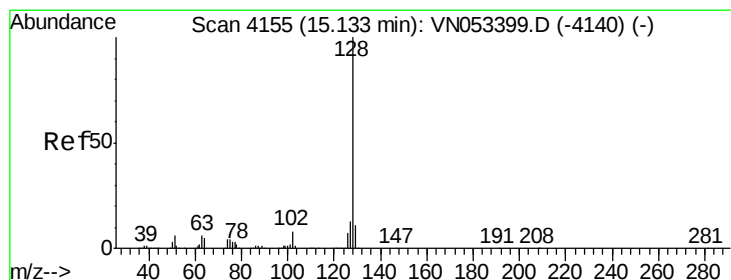
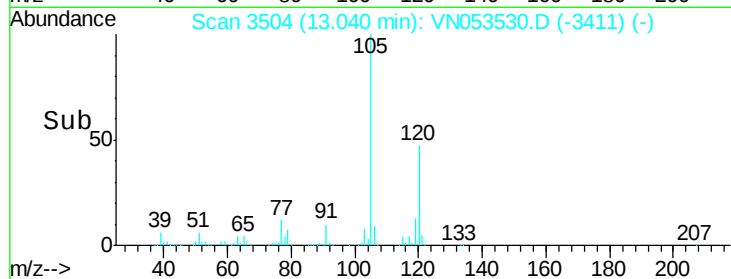
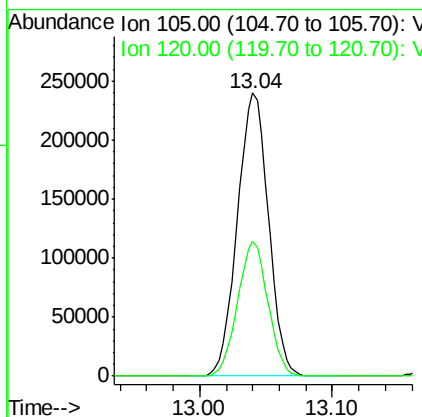
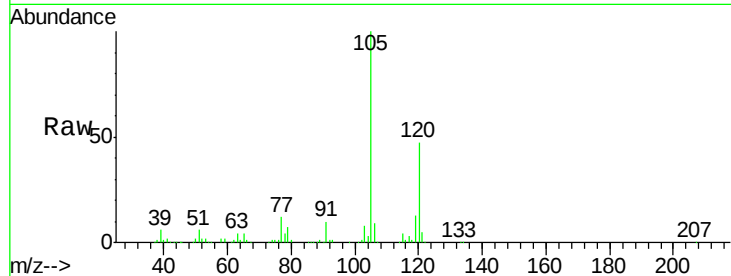




#84
 1,2,4-Trimethylbenzene
 Concen: 11.339 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053530.D
 Acq: 23 Jan 2019 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-1495

Tot Ion:105 Resp: 390949
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0



#95
 Naphthalene
 Concen: 7.276 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053530.D
 Acq: 23 Jan 2019 11:50

Tgt Ion:128 Resp: 50256
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 10.7 8.6 13.0

