

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020519\
 Data File : VN053619.D
 Acq On : 5 Feb 2019 14:56
 Operator : JC/SP
 Sample : K1341-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-020419-B

Quant Time: Feb 06 04:37:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	814073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1310915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1188419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	522880	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	415136	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	406329	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	10.09	98	1575857	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	531534	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	

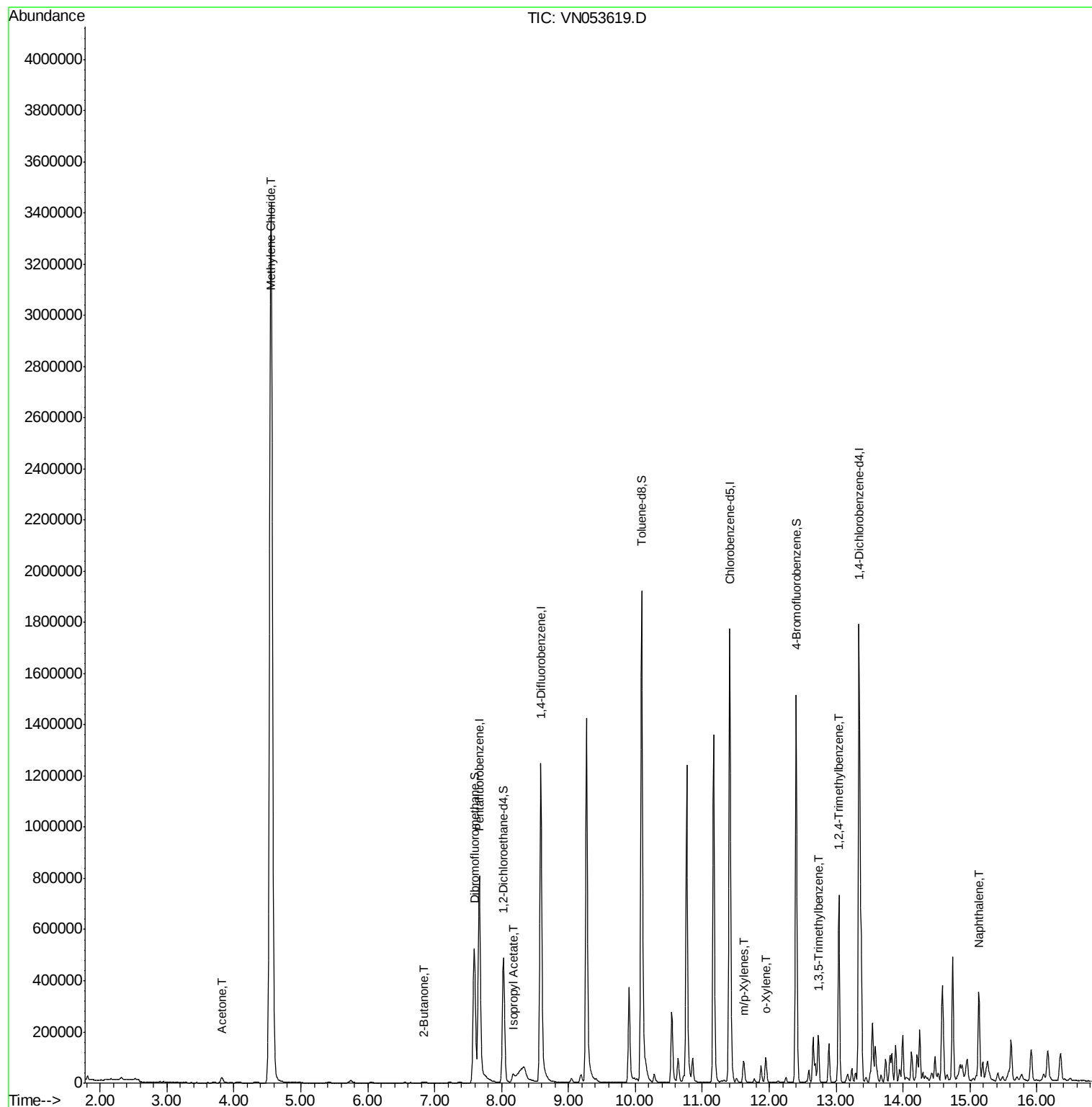
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	35385	16.892	ug/l	98
20) Methylene Chloride	4.55	84	2726361	310.220	ug/l	99
25) 2-Butanone	6.85	43	6676	2.235	ug/l	96
43) Isopropyl Acetate	8.17	43	44302	3.476	ug/l #	76
68) m/p-Xylenes	11.62	106	29834	1.885	ug/l	98
69) o-Xylene	11.95	106	29053	1.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	102316	3.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	431784	13.904	ug/l	100
95) Naphthalene	15.13	128	318526	15.122	ug/l	99

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

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QLast Update : Fri Feb 01 09:11:52 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: VN053619.D

Acq: 5 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

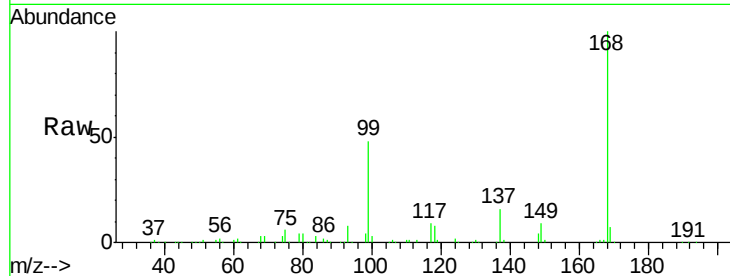
HR-05-020419-B

Tot Ion:168 Resp: 814073

Ion Ratio Lower Upper

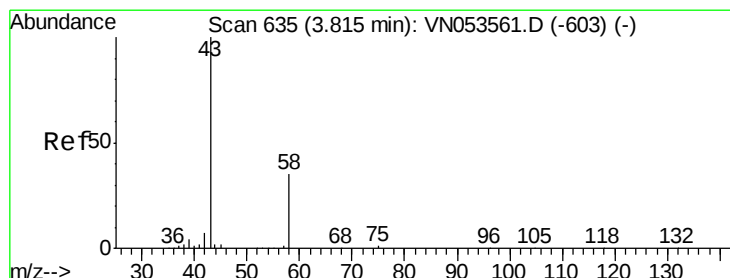
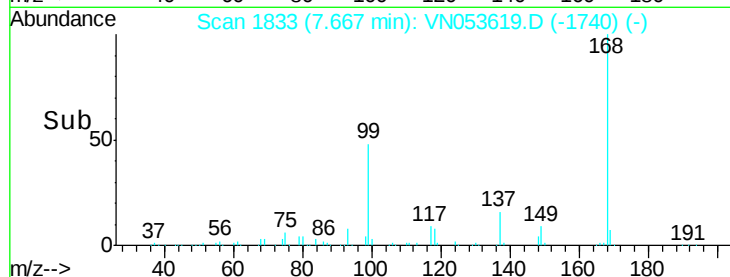
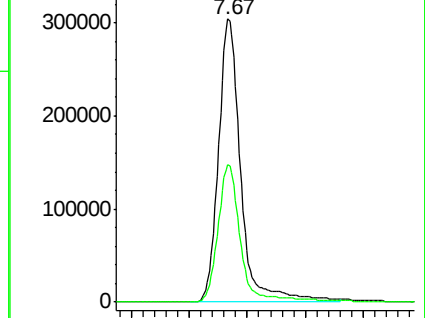
168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 16.892 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN053619.D

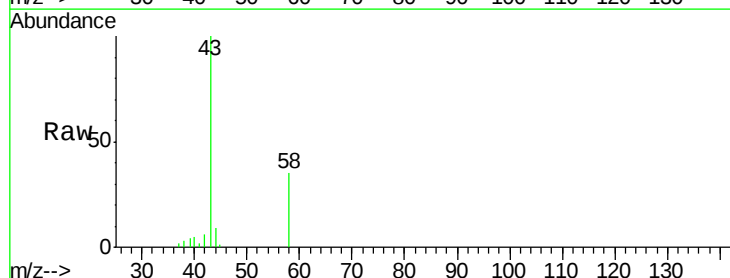
Acq: 5 Feb 2019 14:56

Tgt Ion: 43 Resp: 35385

Ion Ratio Lower Upper

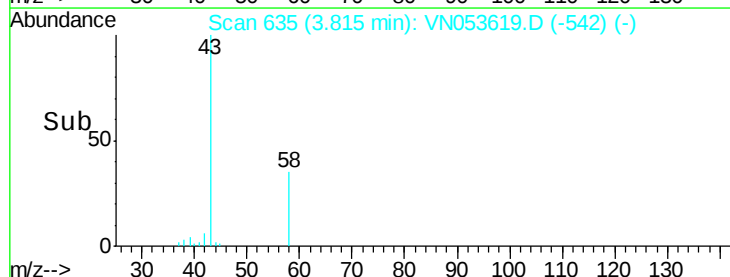
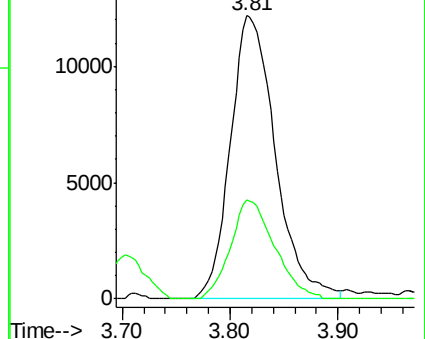
43 100

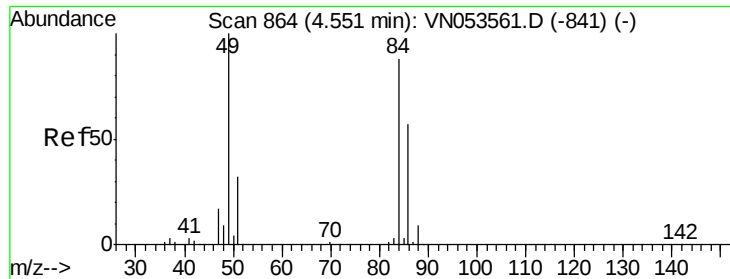
58 34.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



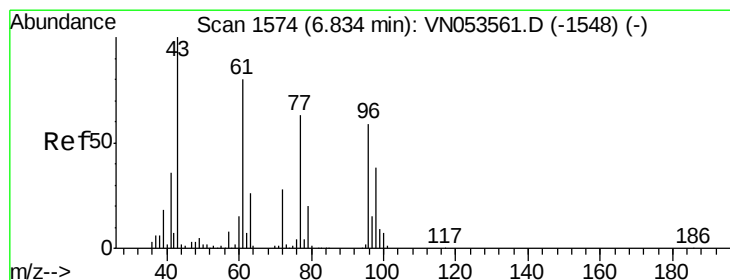
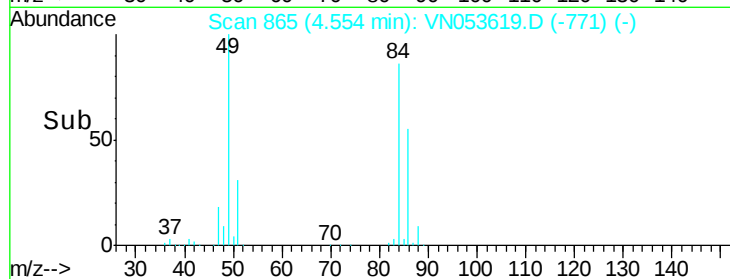
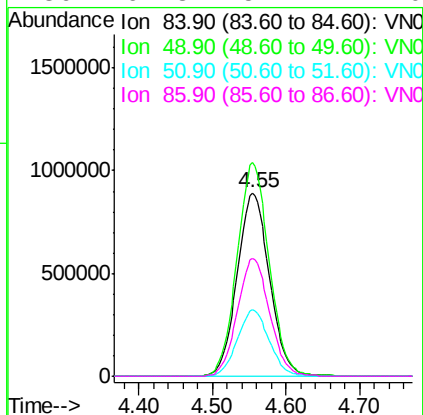
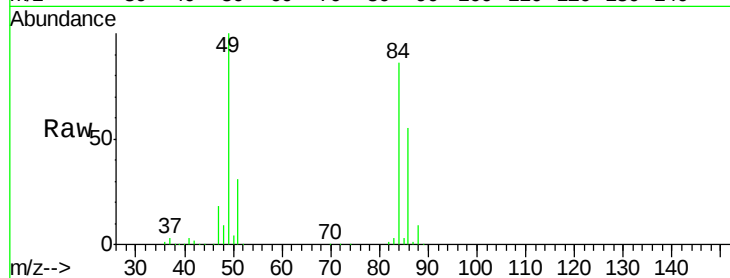


#20
Methvlene Chloride
Concen: 310.220 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-B

Tot Ion: 84 Resp: 2726361

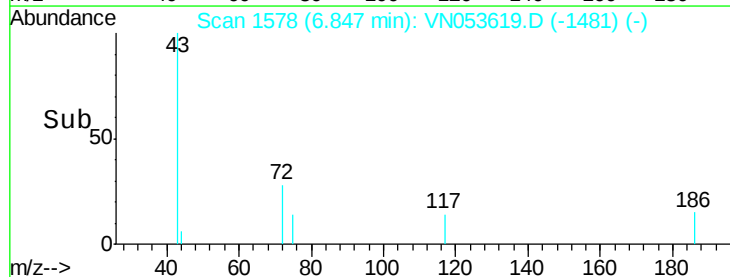
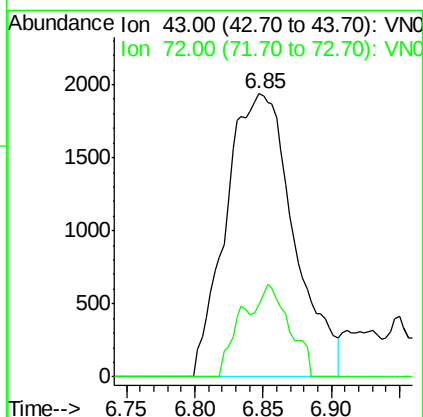
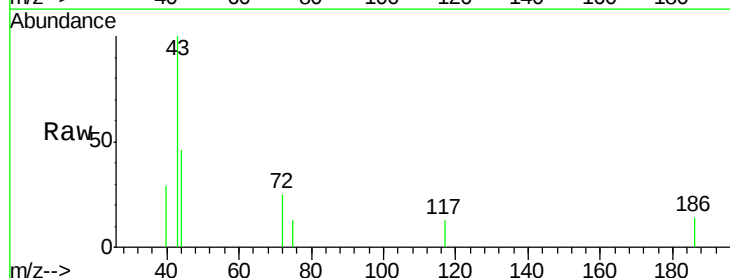
Ion	Ratio	Lower	Upper
84	100		
49	116.4	94.3	141.5
51	36.4	29.4	44.2
86	64.3	51.4	77.0

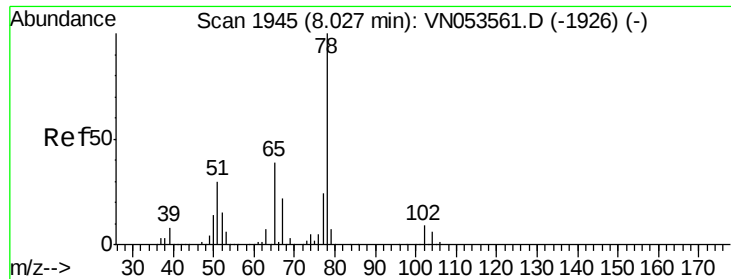


#25
2-Butanone
Concen: 2.235 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Tgt Ion: 43 Resp: 6676

Ion	Ratio	Lower	Upper
43	100		
72	25.5	22.0	33.0

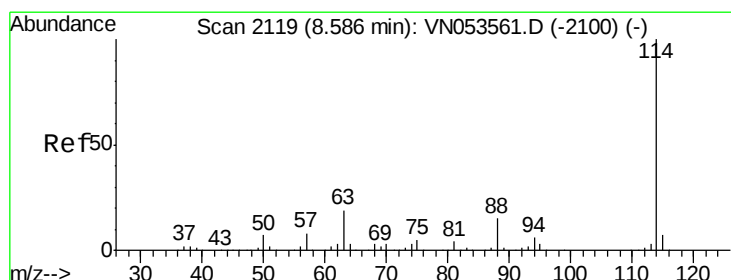
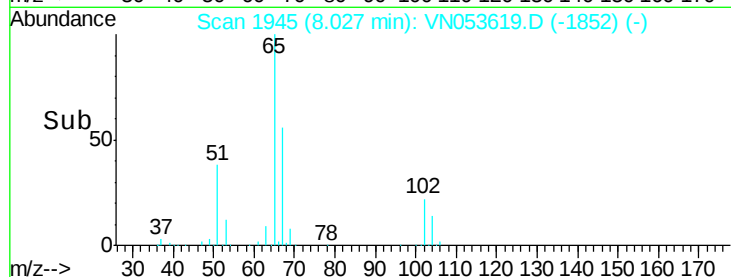
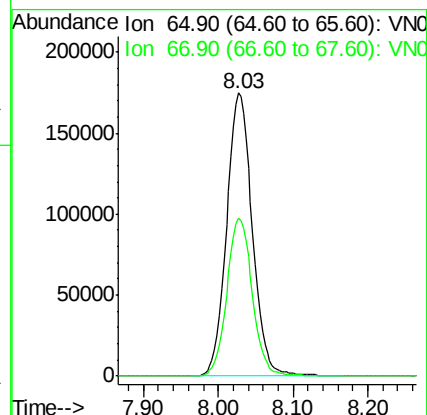
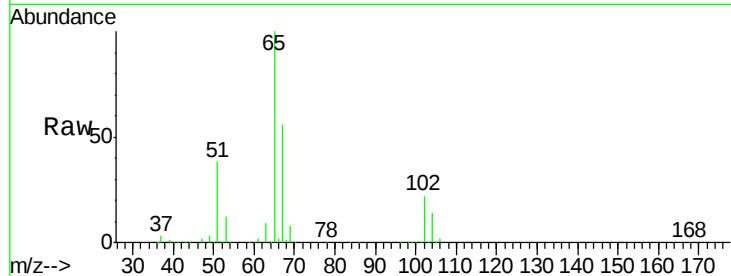




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053619.D
 Acq: 5 Feb 2019 14:56

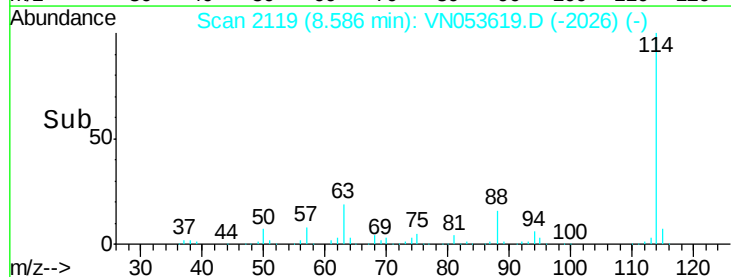
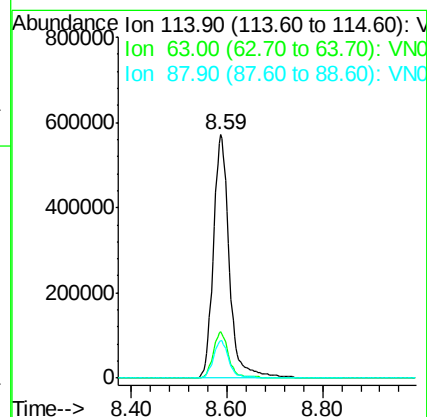
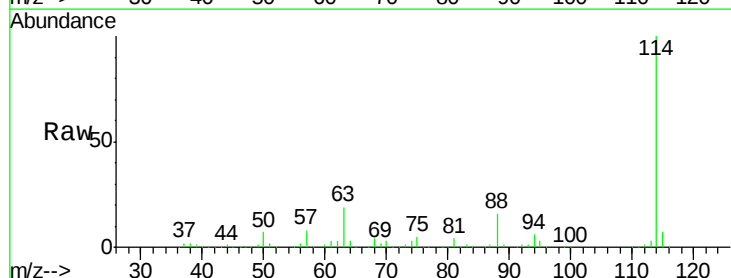
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-020419-B

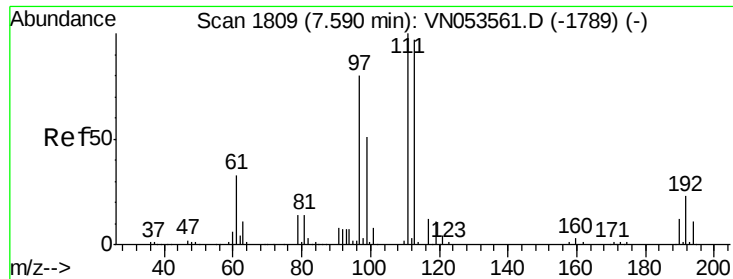
Tot Ion: 65 Resp: 415136
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053619.D
 Acq: 5 Feb 2019 14:56

Tgt Ion: 114 Resp: 1310915
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.6 0.0 30.4

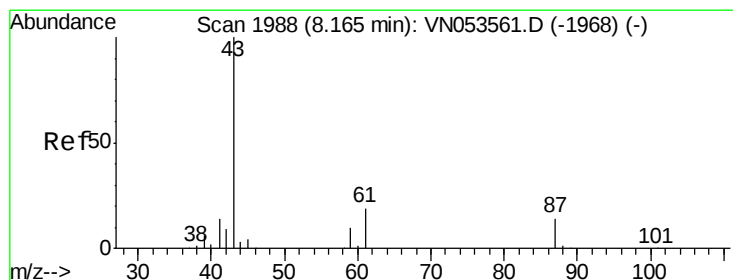
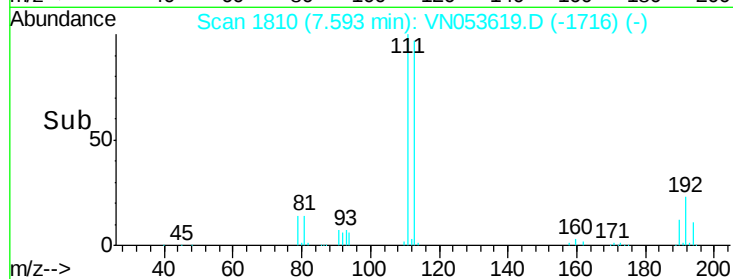
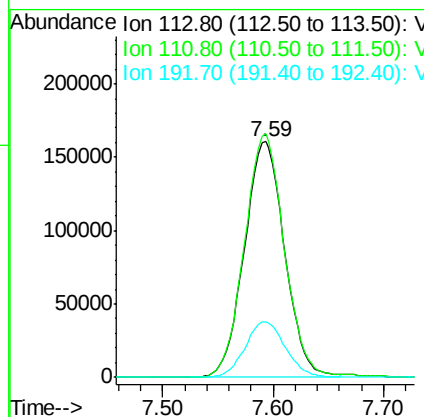
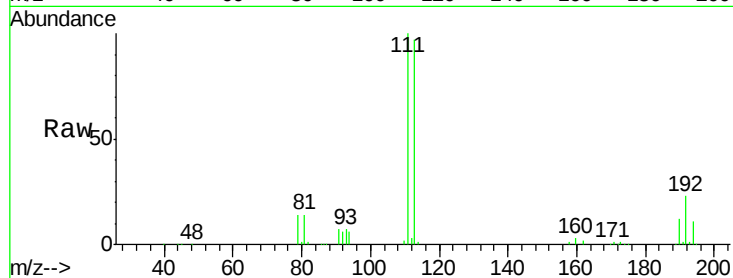




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

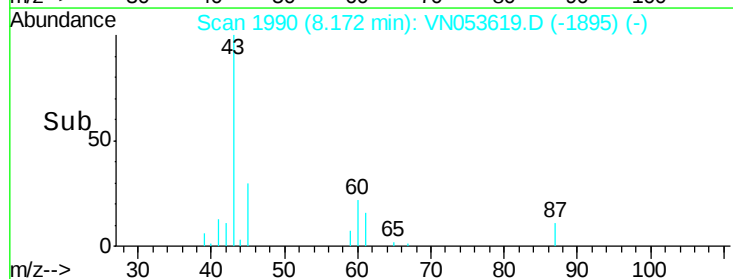
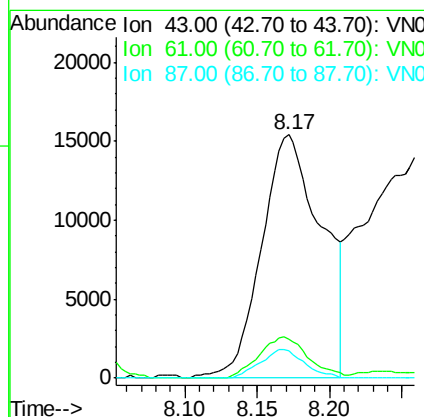
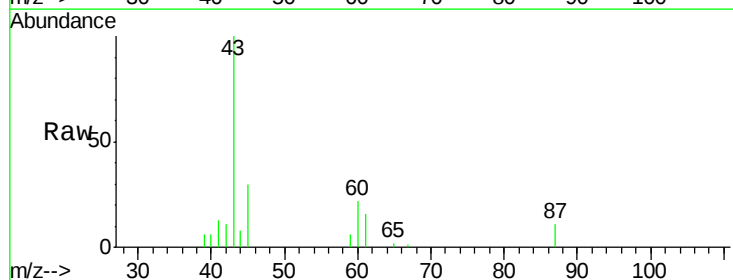
Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-B

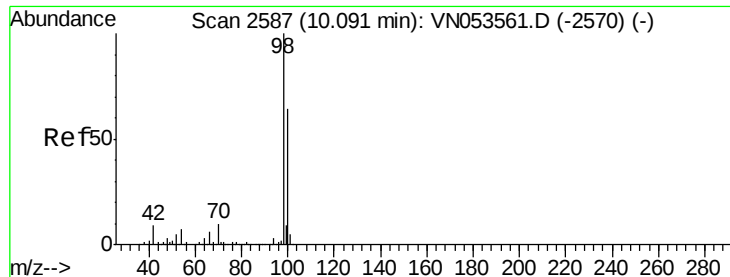
Tot Ion:113 Resp: 406329
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 23.8 18.2 27.2



#43
Isopropyl Acetate
Concen: 3.476 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Tgt Ion: 43 Resp: 44302
Ion Ratio Lower Upper
43 100
61 14.0 23.9 35.9#
87 8.7 11.0 16.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053619.D

Acq: 5 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

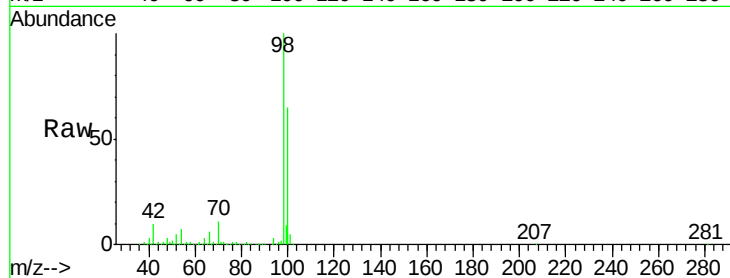
HR-05-020419-B

Tot Ion: 98 Resp: 1575857

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

800000

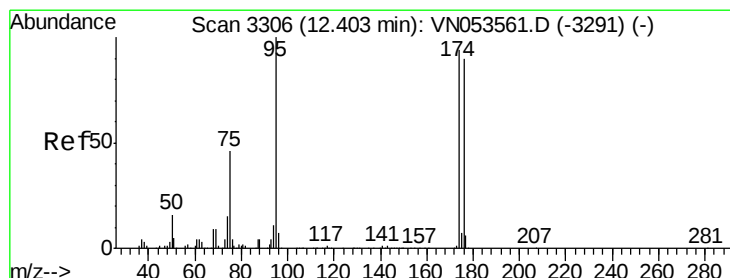
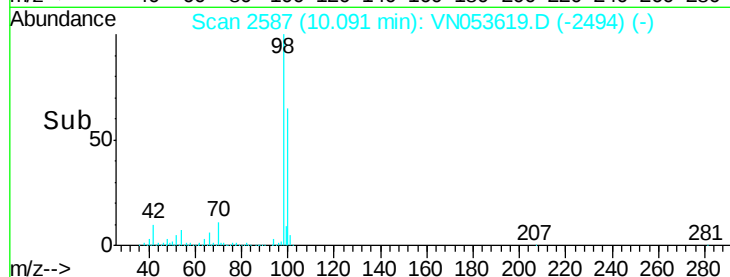
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053619.D

Acq: 5 Feb 2019 14:56

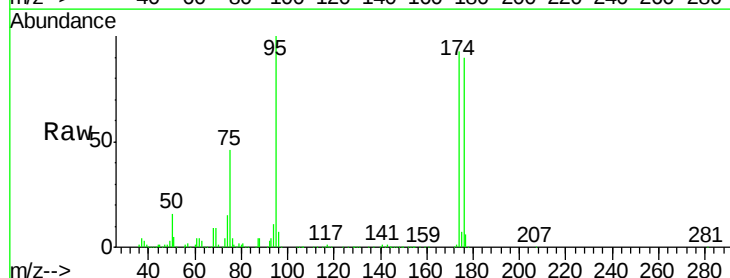
Tgt Ion: 95 Resp: 531534

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 89.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

400000

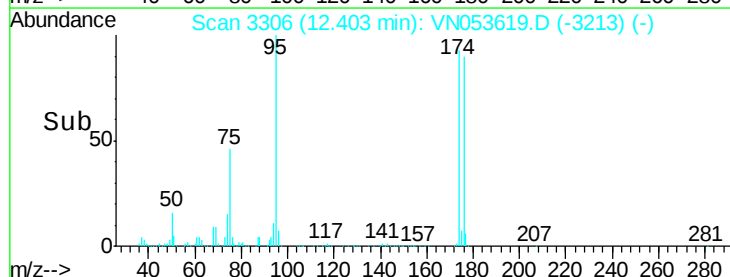
300000

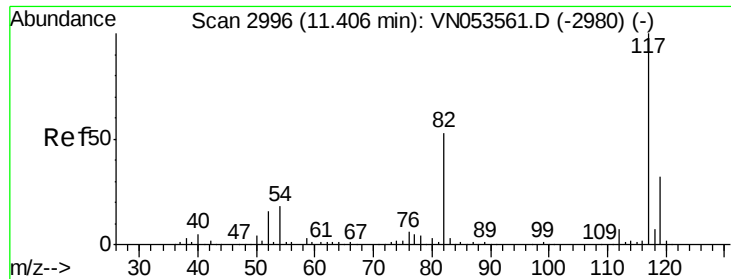
200000

100000

0

Time-->

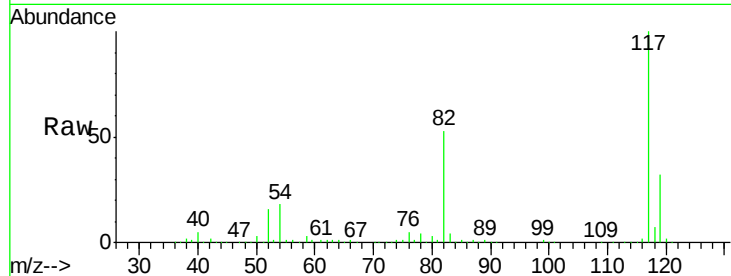




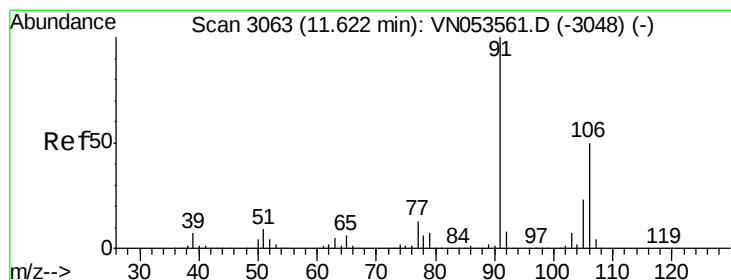
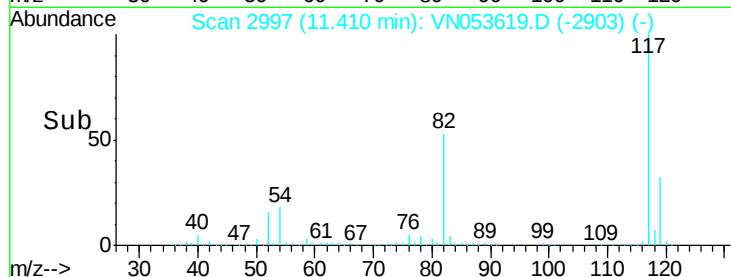
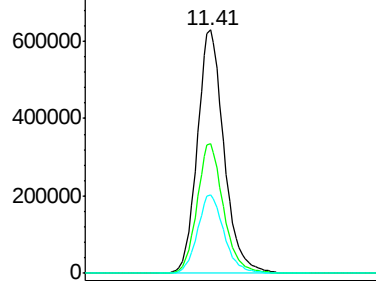
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :
HR-05-020419-B

Tot Ion:117 Resp: 1188419
Ion Ratio Lower Upper
117 100
82 53.1 42.9 64.3
119 32.5 26.0 39.0

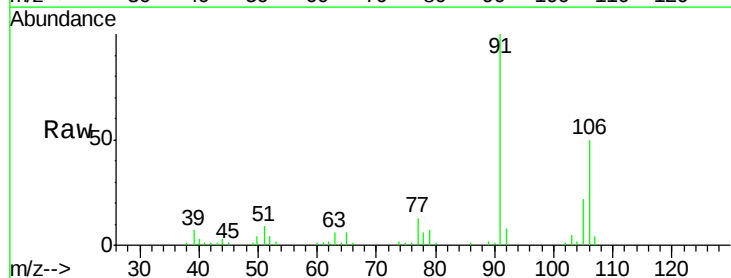


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

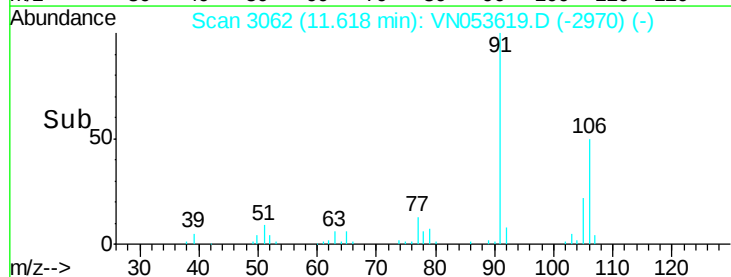
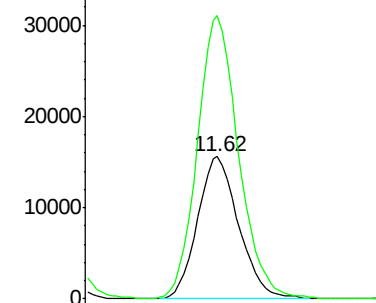


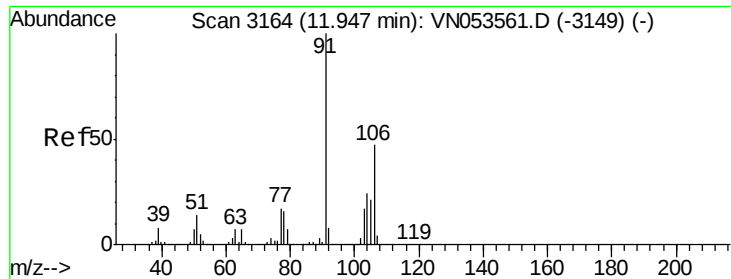
#68
m/p-Xylenes
Concen: 1.885 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Tgt Ion:106 Resp: 29834
Ion Ratio Lower Upper
106 100
91 198.9 161.4 242.2



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

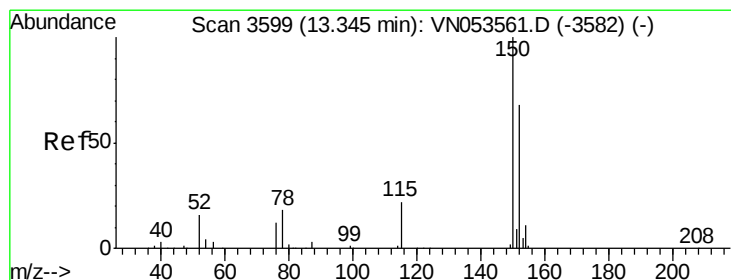
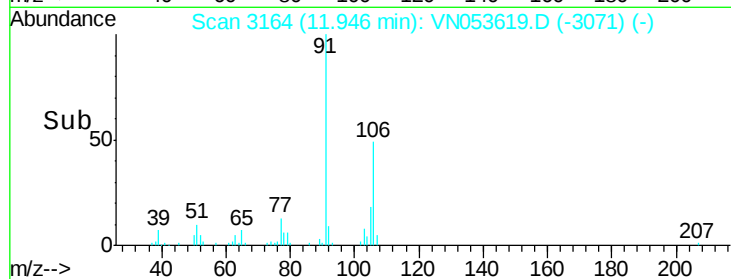
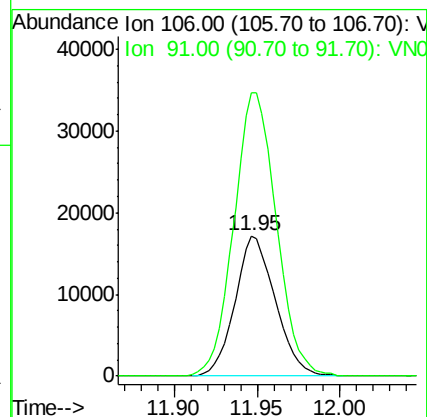
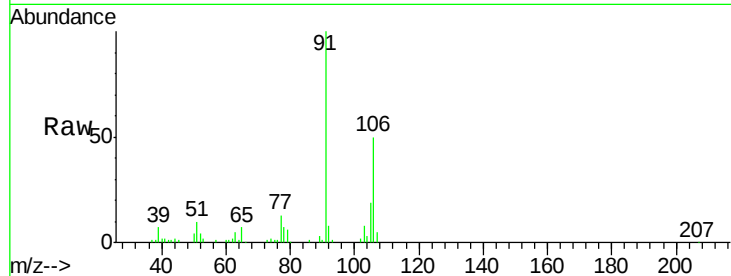




#69
o-Xylene
Concen: 1.900 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

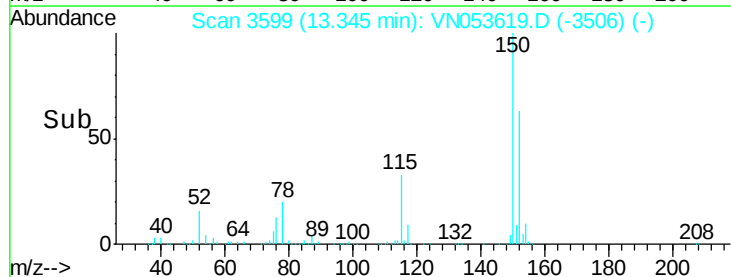
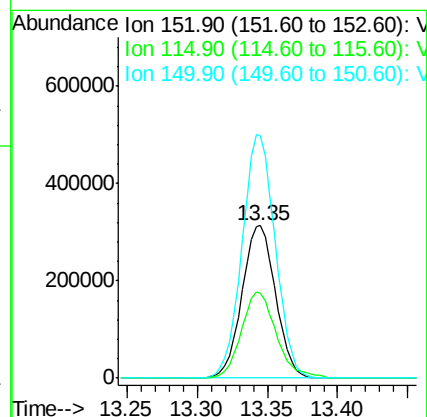
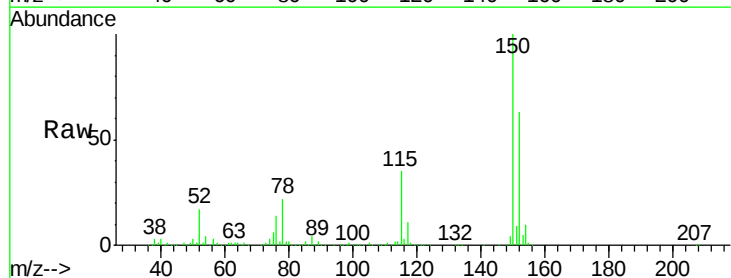
Instrument :
MSVOA_N
ClientSampled :
HR-05-020419-B

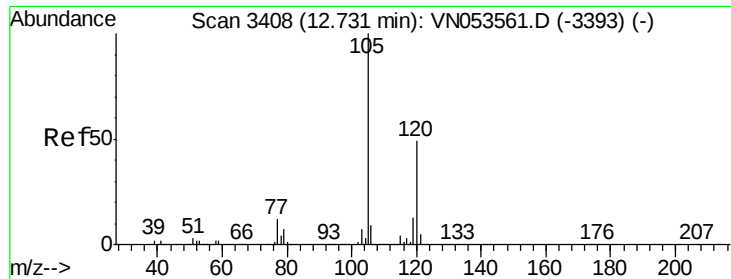
Tot Ion:106 Resp: 29053
Ion Ratio Lower Upper
106 100
91 212.7 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053619.D
Acq: 5 Feb 2019 14:56

Tgt Ion:152 Resp: 522880
Ion Ratio Lower Upper
152 100
115 58.4 27.8 83.4
150 157.9 0.0 349.0

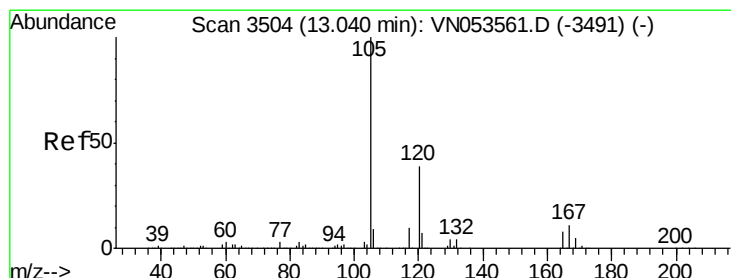
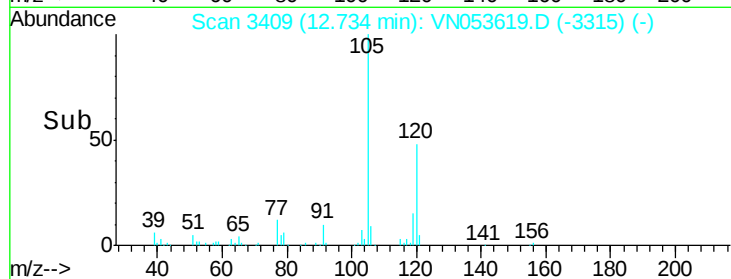
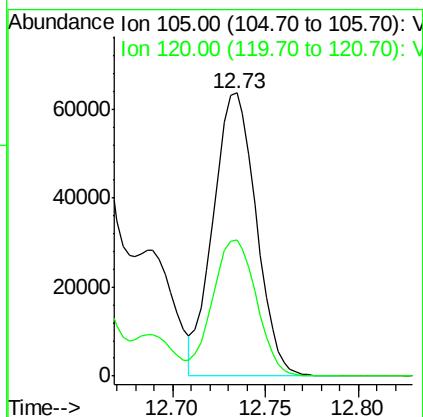
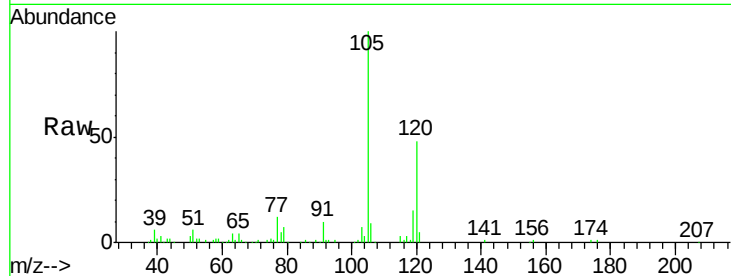




#80
 1,3,5-Trimethylbenzene
 Concen: 3.357 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053619.D
 Acq: 5 Feb 2019 14:56

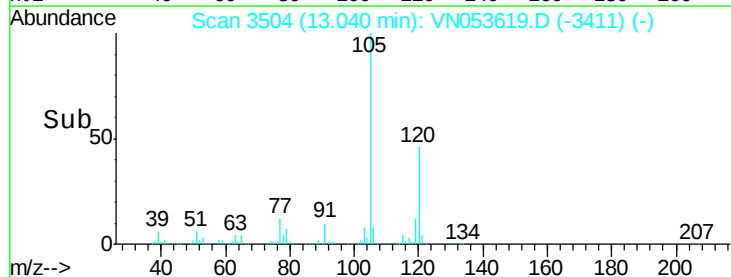
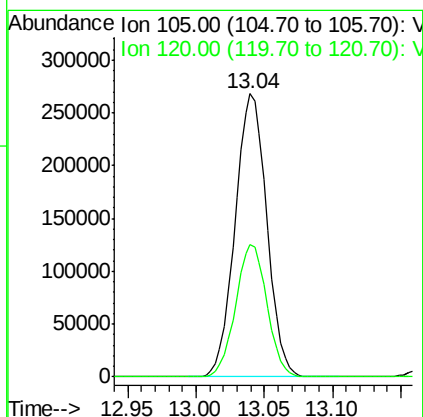
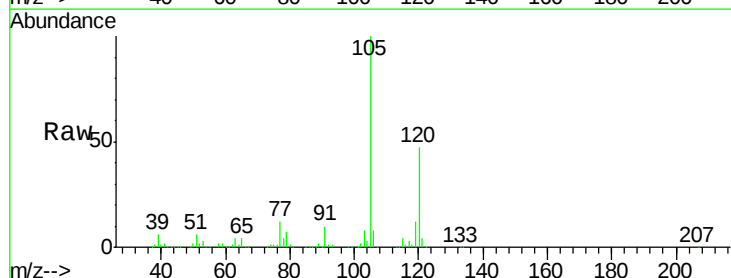
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-020419-B

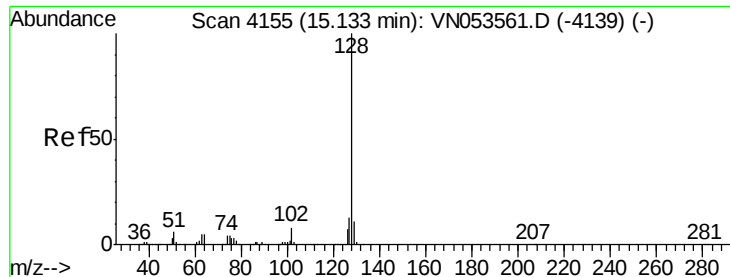
Tot Ion:105 Resp: 102316
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 13.904 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053619.D
 Acq: 5 Feb 2019 14:56

Tgt Ion:105 Resp: 431784
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#95

Naphthalene

Concen: 15.122 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053619.D

Acq: 5 Feb 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

HR-05-020419-B

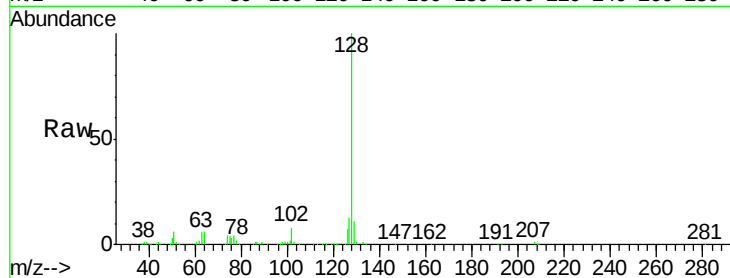
Tot Ion:128 Resp: 318526

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

