

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056405.D
 Acq On : 20 Jun 2019 16:13
 Operator : JC/SP
 Sample : K3159-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-061919-B

Quant Time: Jun 21 05:24:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

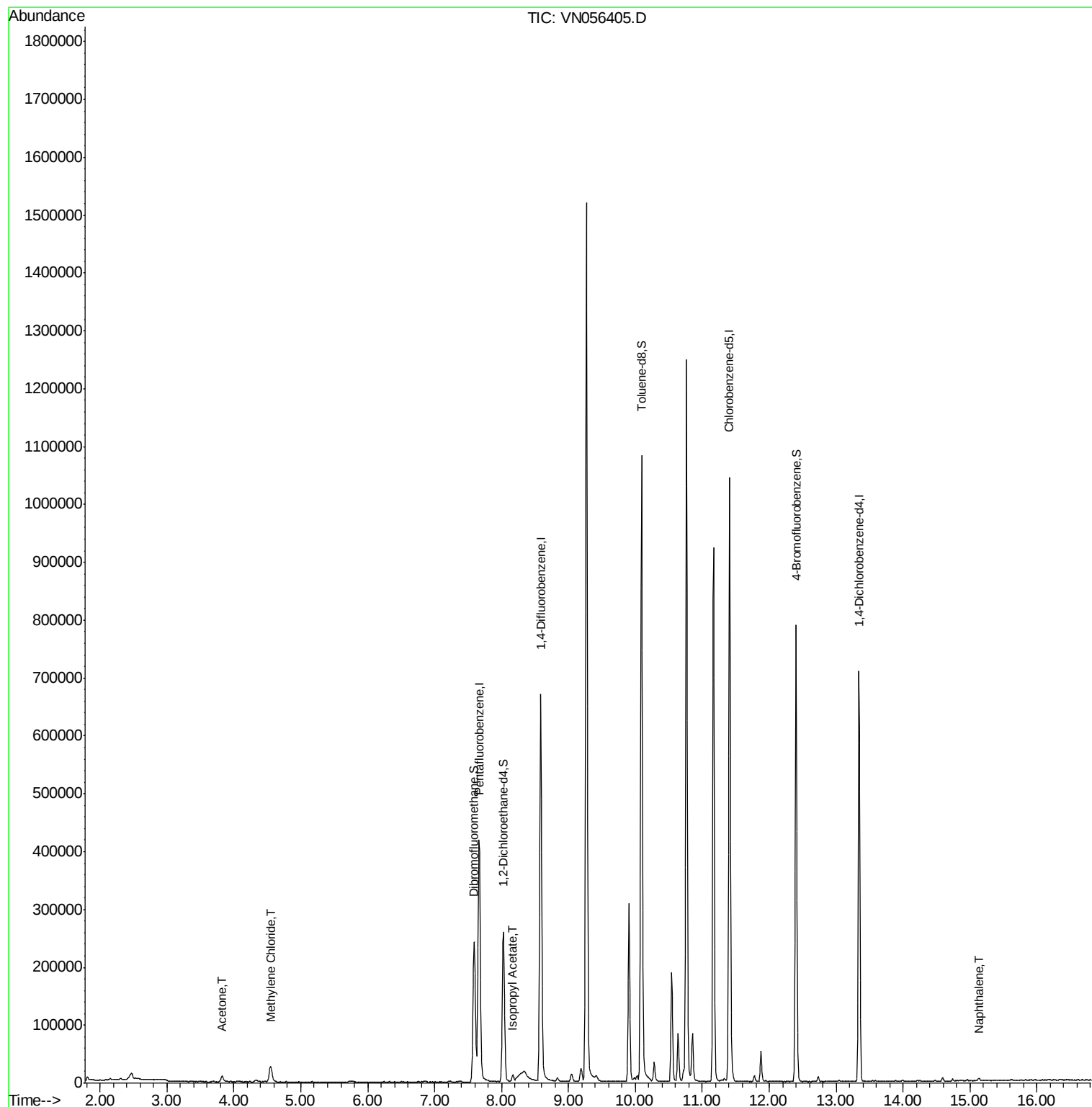
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	388280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	653434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	663266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217702	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	7.59	113	186198	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	10.09	98	821598	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	279459	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
16) Acetone	3.82	43	19644	9.111	ug/l	95
20) Methylene Chloride	4.54	84	21510	4.482	ug/l	97
43) Isopropyl Acetate	8.17	43	13771	1.580	ug/l #	91
95) Naphthalene	15.13	128	4933	5.708	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062019\
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QLast Update : Fri Jun 21 03:45:40 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056405.D

Acq: 20 Jun 2019 16:13

Instrument :

MSVOA_N

ClientSampleId :

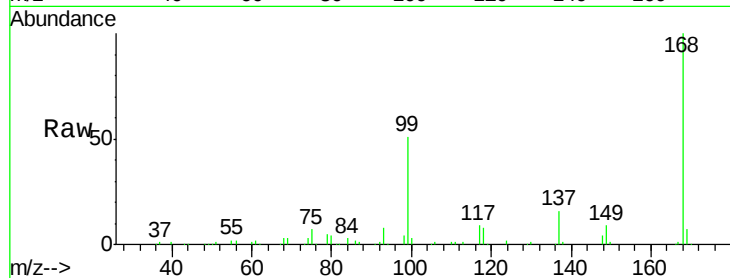
OR-02-061919-B

Tot Ion:168 Resp: 388280

Ion Ratio Lower Upper

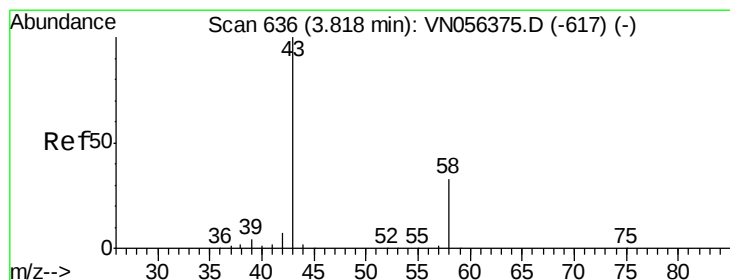
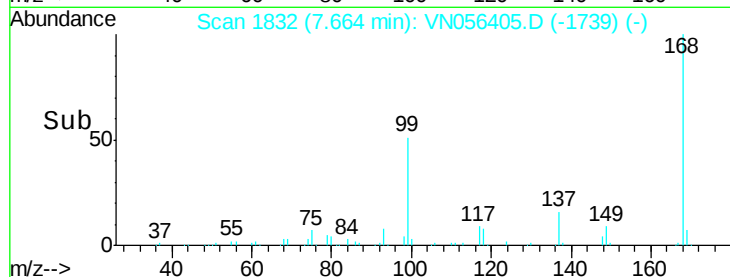
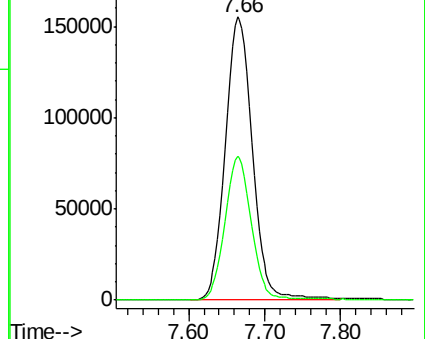
168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.111 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056405.D

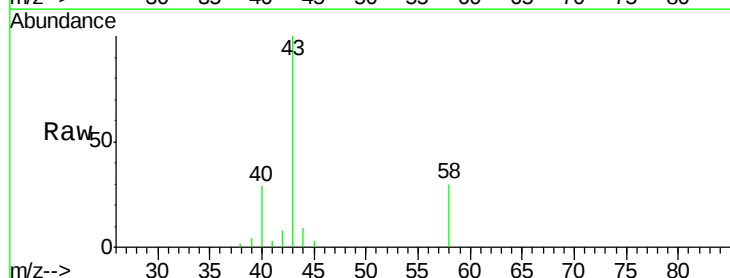
Acq: 20 Jun 2019 16:13

Tgt Ion: 43 Resp: 19644

Ion Ratio Lower Upper

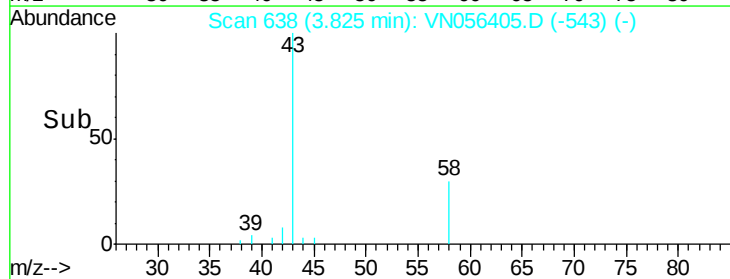
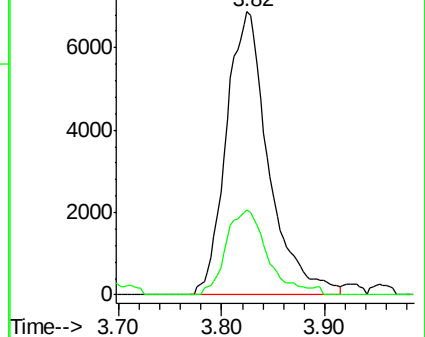
43 100

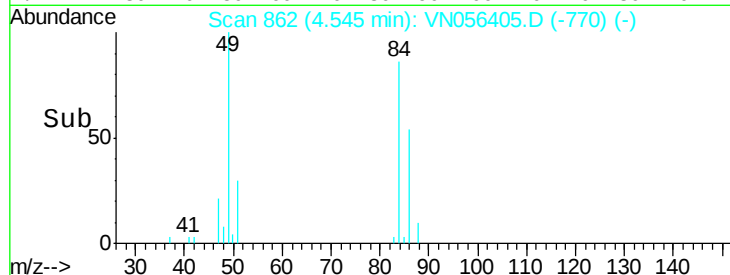
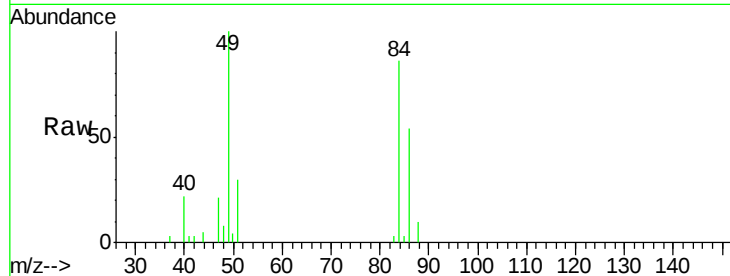
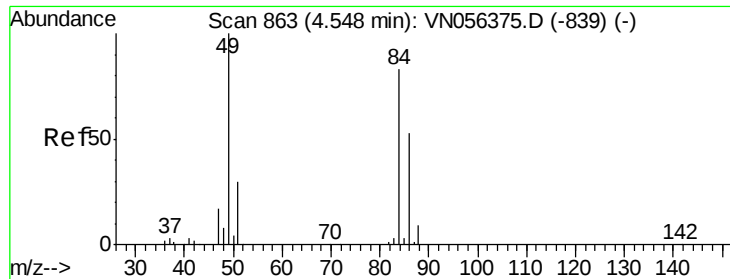
58 30.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

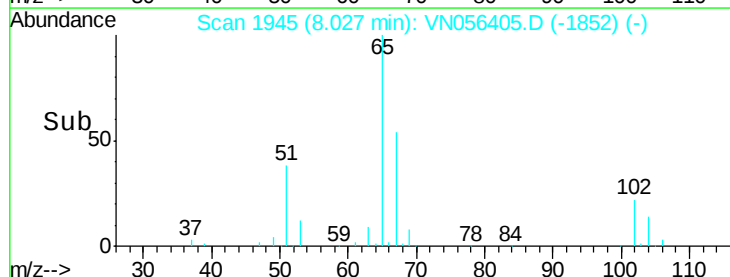
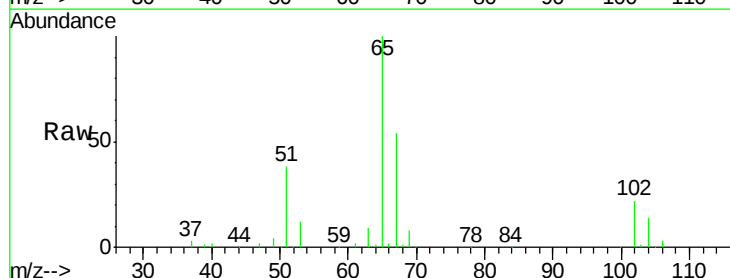
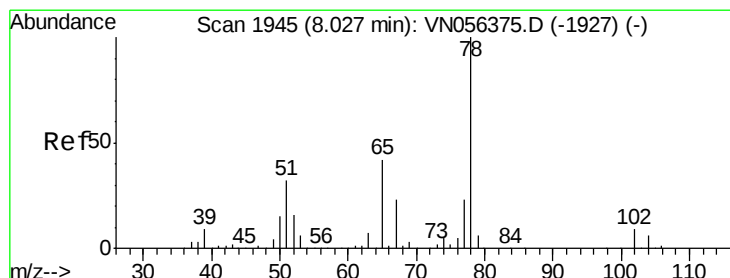
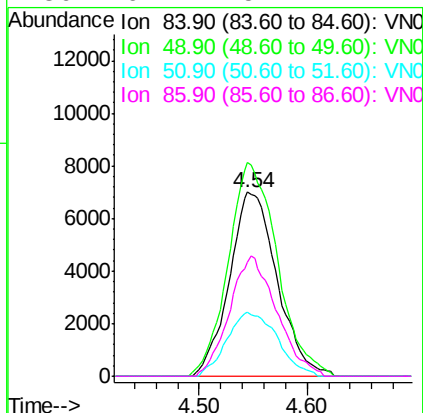




#20
Methvlene Chloride
Concen: 4.482 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056405.D
Acq: 20 Jun 2019 16:13

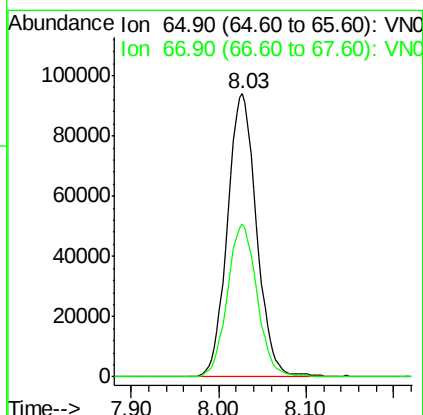
Instrument :
MSVOA_N
ClientSampleId :
OR-02-061919-B

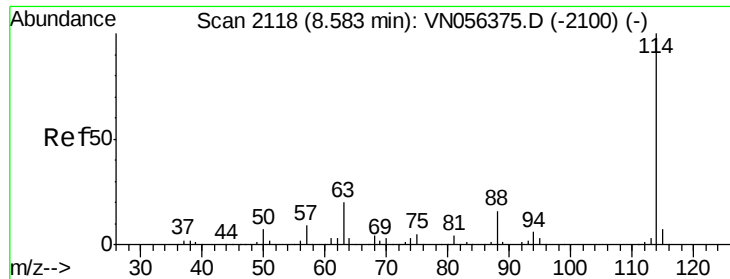
Tot Ion: 84 Resp: 21510
Ion Ratio Lower Upper
84 100
49 116.1 96.4 144.6
51 34.5 28.6 43.0
86 62.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.589 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056405.D
Acq: 20 Jun 2019 16:13

Tgt Ion: 65 Resp: 217702
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0

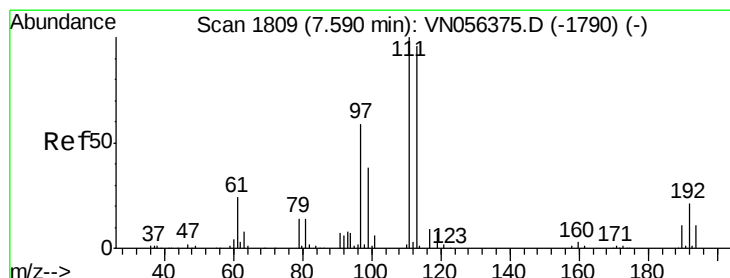
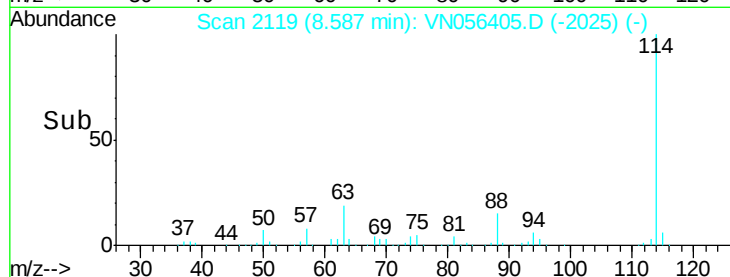
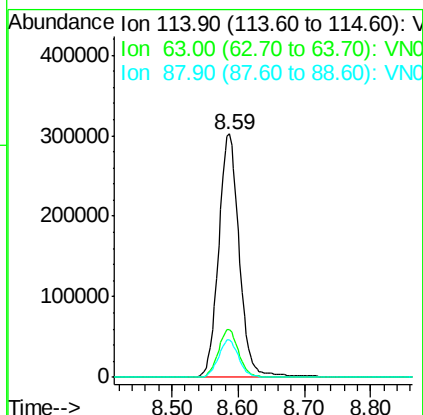
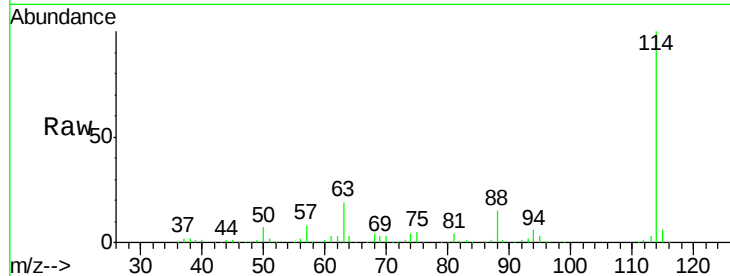




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056405.D
 Acq: 20 Jun 2019 16:13

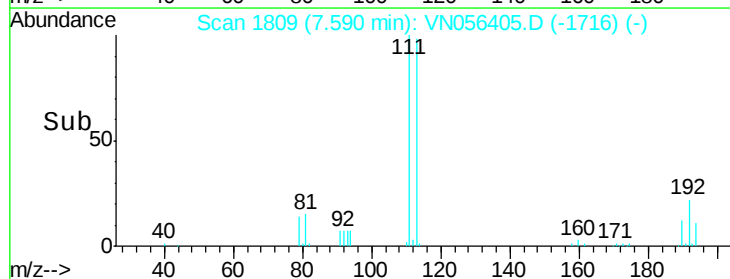
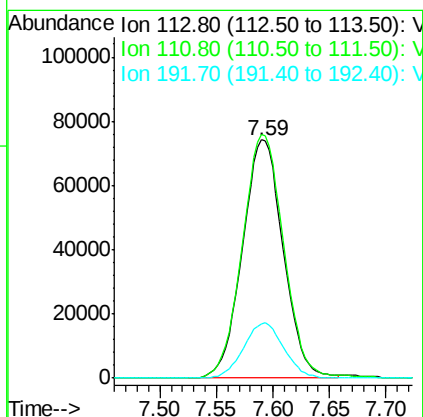
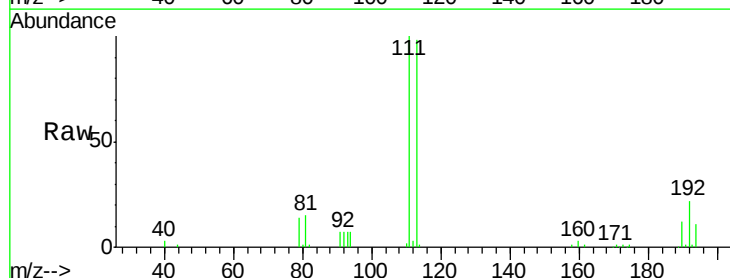
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-061919-B

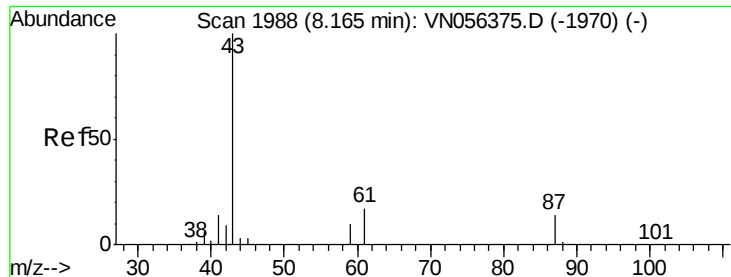
Tot Ion:114 Resp: 653434
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.678 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056405.D
 Acq: 20 Jun 2019 16:13

Tgt Ion:113 Resp: 186198
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 22.8 17.7 26.5





#43

Isopropyl Acetate

Concen: 1.580 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056405.D

Acq: 20 Jun 2019 16:13

Instrument :

MSVOA_N

ClientSampleId :

OR-02-061919-B

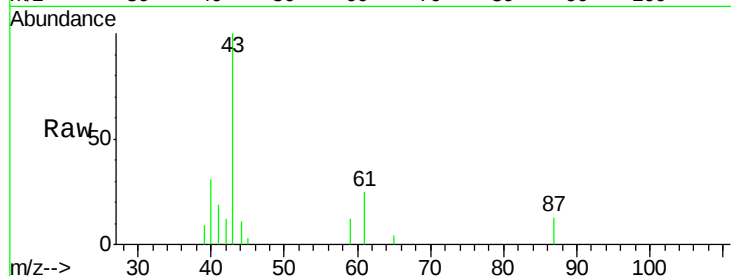
Tot Ion: 43 Resp: 13771

Ion Ratio Lower Upper

43 100

61 22.0 22.0 33.0#

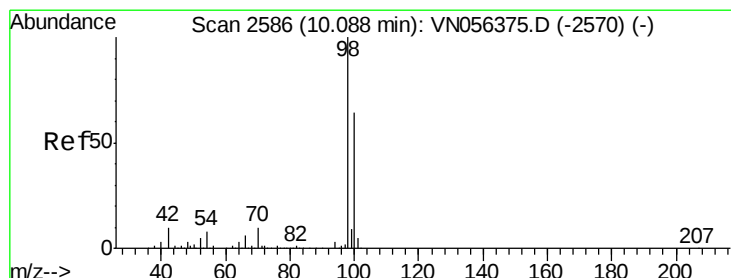
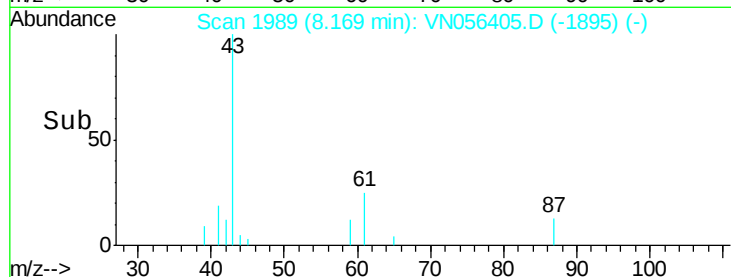
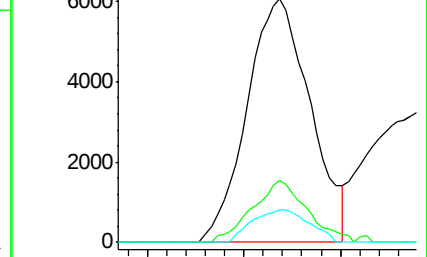
87 12.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#50

Toluene-d8

Concen: 51.799 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056405.D

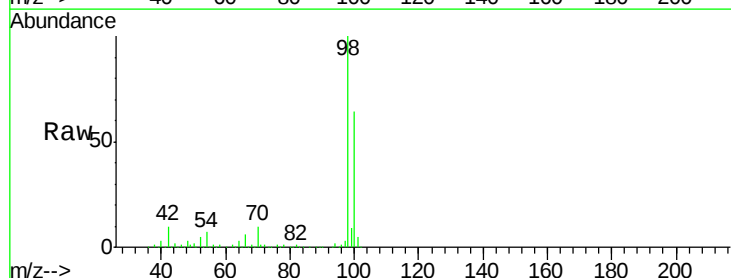
Acq: 20 Jun 2019 16:13

Tgt Ion: 98 Resp: 821598

Ion Ratio Lower Upper

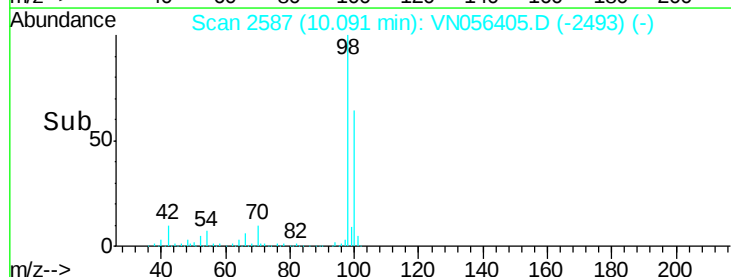
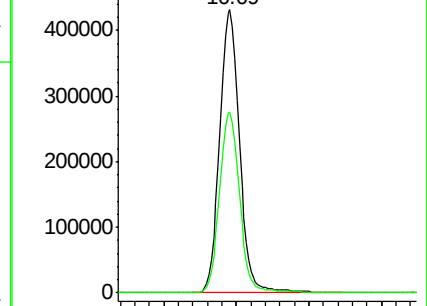
98 100

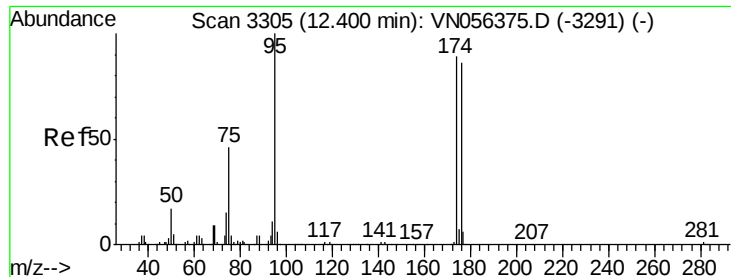
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)

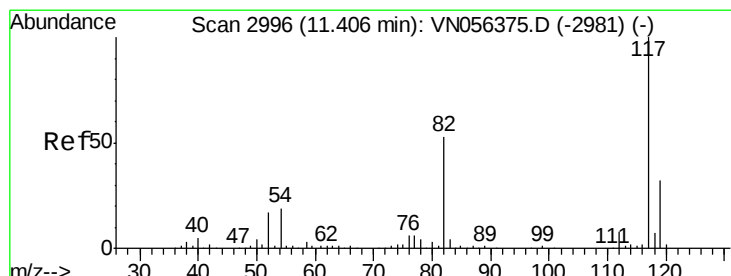
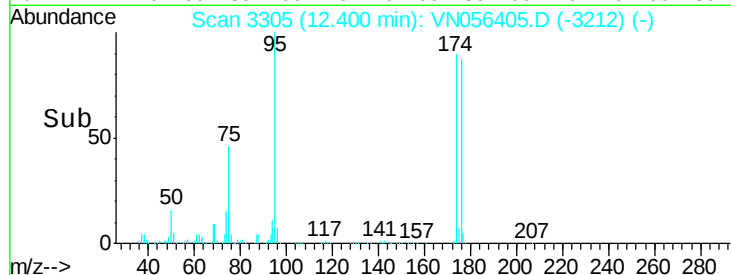
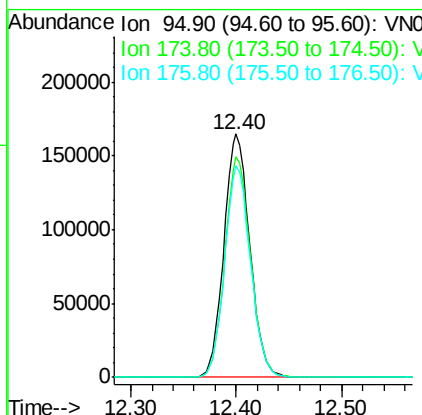
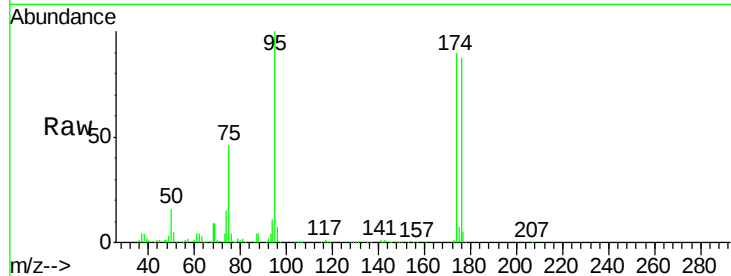




#62
4-Bromofluorobenzene
Concen: 52.853 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056405.D
Acq: 20 Jun 2019 16:13

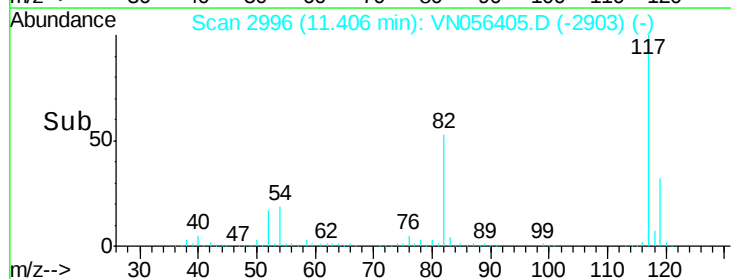
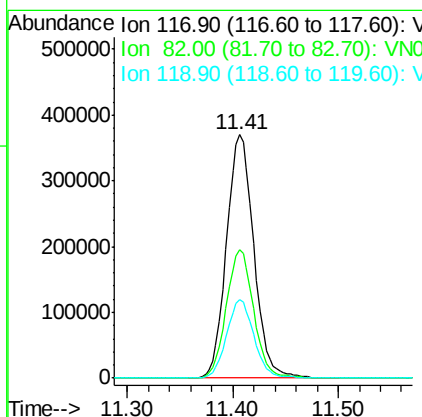
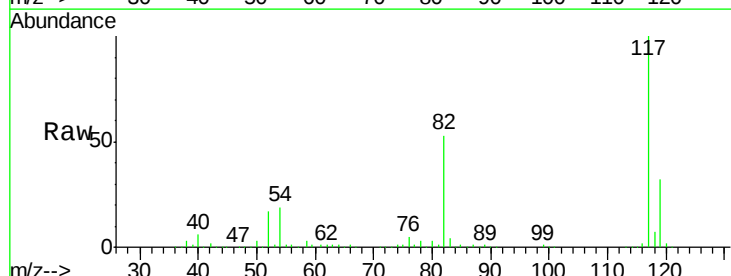
Instrument :
MSVOA_N
ClientSampleId :
OR-02-061919-B

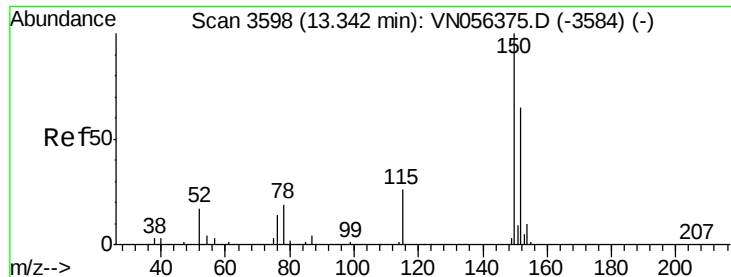
Tot Ion: 95 Resp: 279459
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.4
176 86.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056405.D
Acq: 20 Jun 2019 16:13

Tgt Ion: 117 Resp: 663266
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056405.D

Acq: 20 Jun 2019 16:13

Instrument :

MSVOA_N

ClientSampled :

OR-02-061919-B

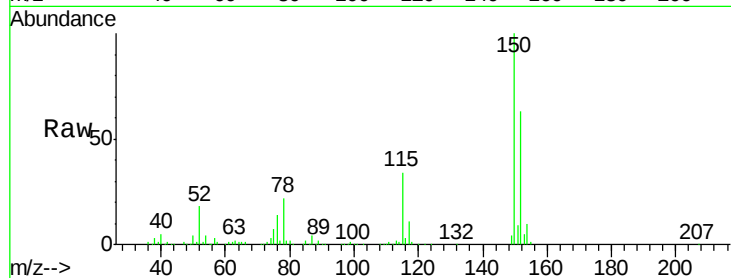
Tot Ion:152 Resp: 208158

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.4

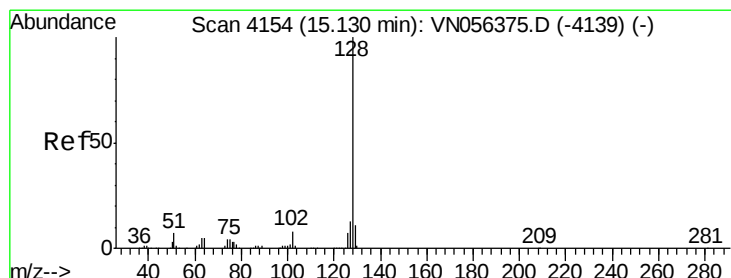
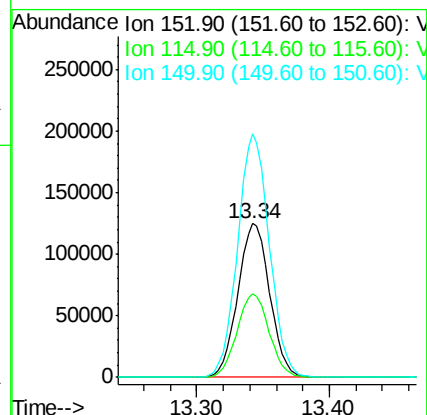
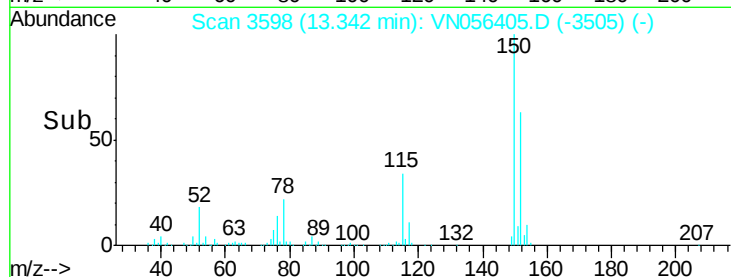
150 157.5 0.0 348.4



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



#95

Naphthalene

Concen: 5.708 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056405.D

Acq: 20 Jun 2019 16:13

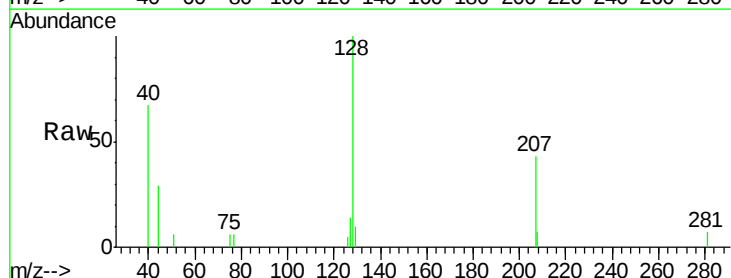
Tgt Ion:128 Resp: 4933

Ion Ratio Lower Upper

128 100

127 11.2 10.2 15.2

129 10.3 8.6 12.8



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

