

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056616.D
 Acq On : 8 Jul 2019 17:51
 Operator : JC/SP
 Sample : K3622-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-070319-A

Quant Time: Jul 09 04:43:21 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

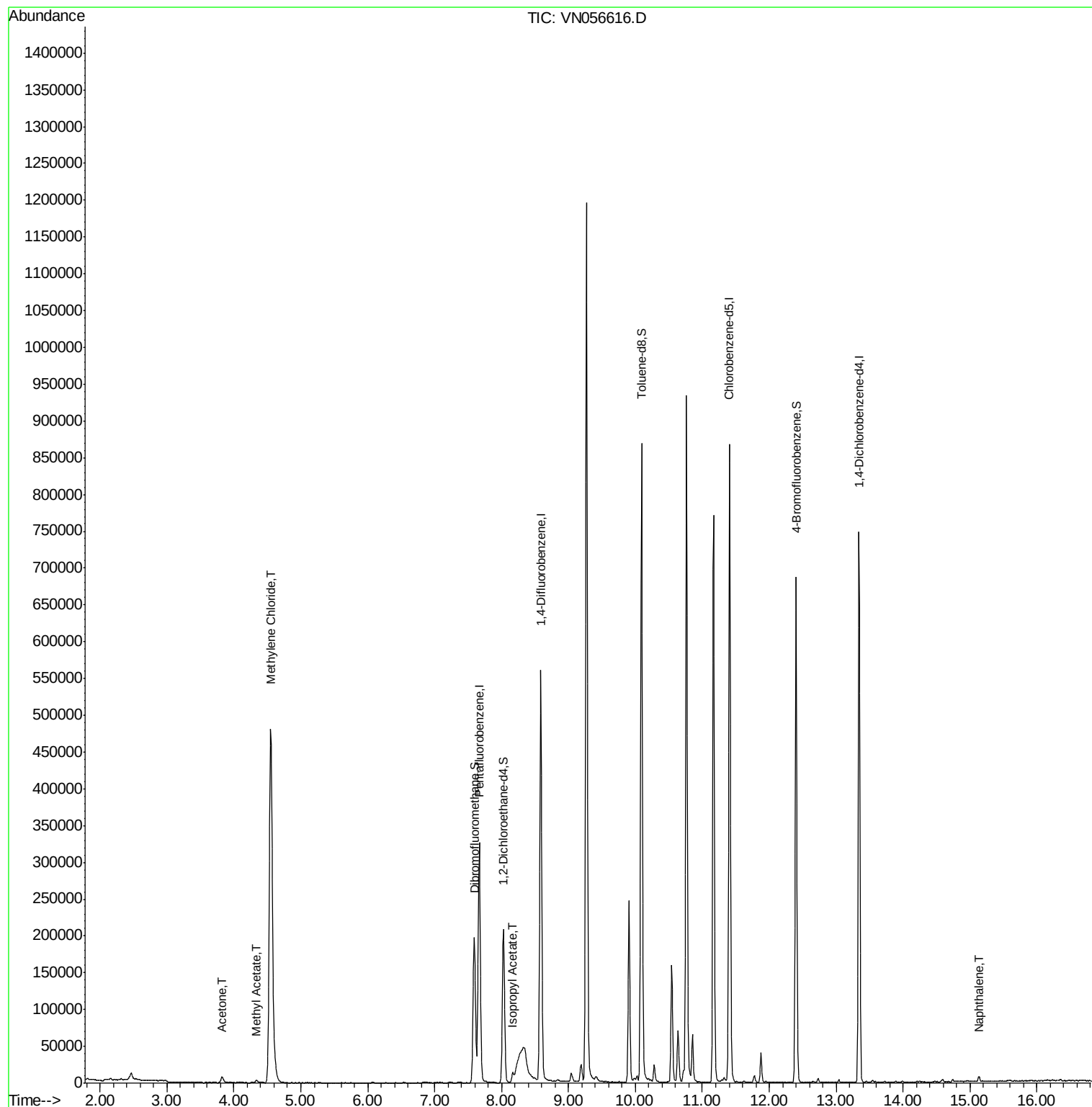
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	292590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	515688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	537958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	172910	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.59	113	154130	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	646441	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	241124	57.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.56%	
Target Compounds						
16) Acetone	3.82	43	14340	8.826	ug/l	94
18) Methyl Acetate	4.33	43	7500	1.516	ug/l #	60
20) Methylene Chloride	4.55	84	404040	133.405	ug/l	99
43) Isopropyl Acetate	8.17	43	19618	2.852	ug/l #	87
95) Naphthalene	15.13	128	7210	5.898	ug/l #	96

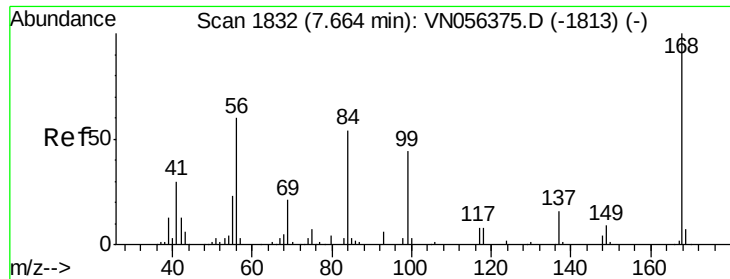
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056616.D

Acq: 8 Jul 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

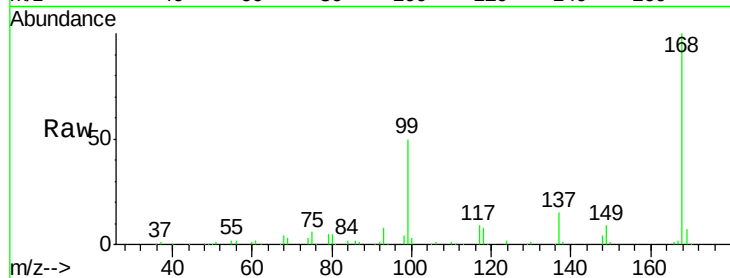
OR-02-070319-A

Tot Ion:168 Resp: 292590

Ion Ratio Lower Upper

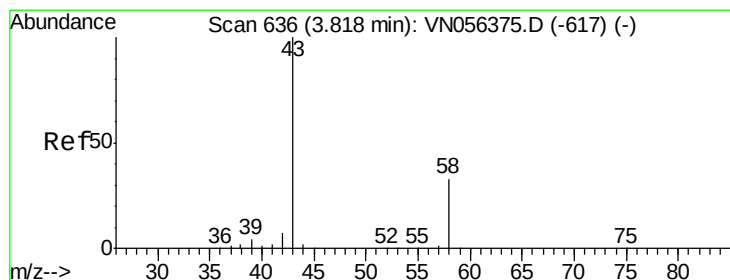
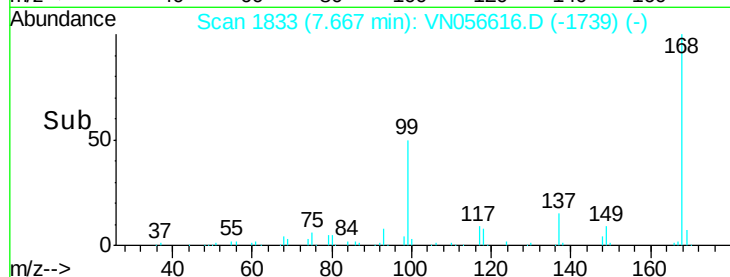
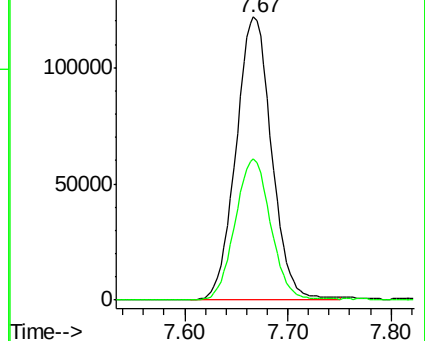
168 100

99 49.8 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: 8.826 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056616.D

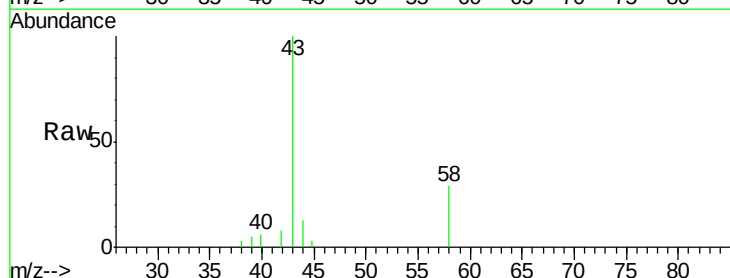
Acq: 8 Jul 2019 17:51

Tgt Ion: 43 Resp: 14340

Ion Ratio Lower Upper

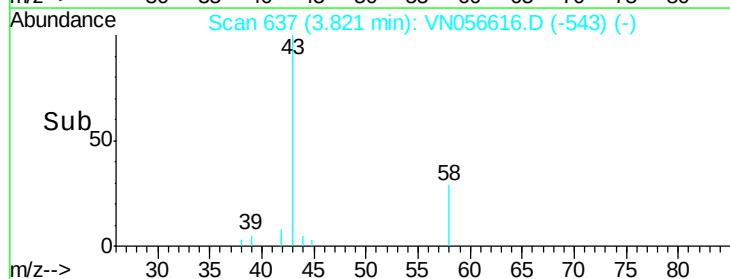
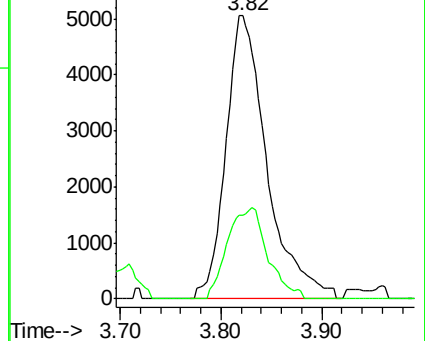
43 100

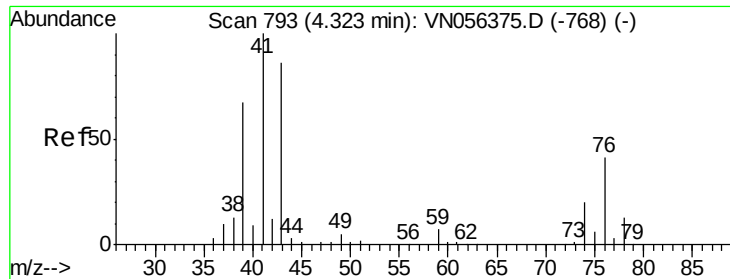
58 29.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 1.516 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056616.D

Acq: 8 Jul 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

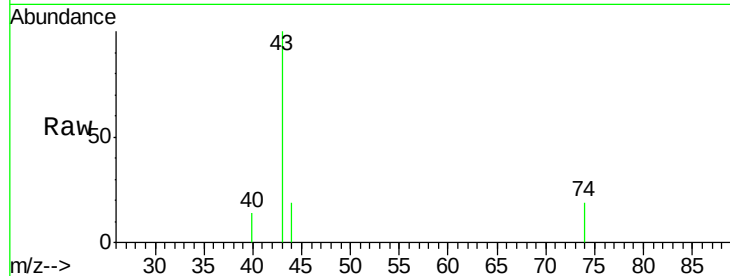
OR-02-070319-A

Tot Ion: 43 Resp: 7500

Ion Ratio Lower Upper

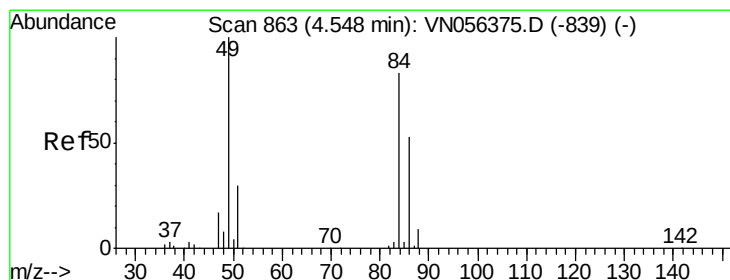
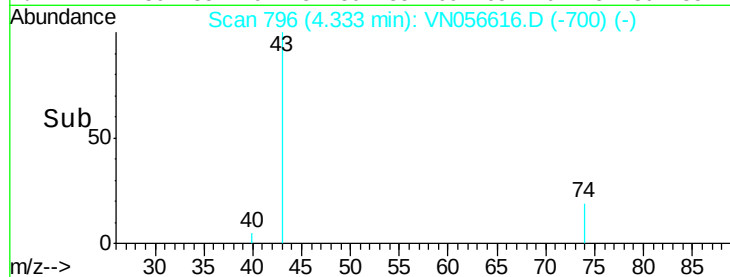
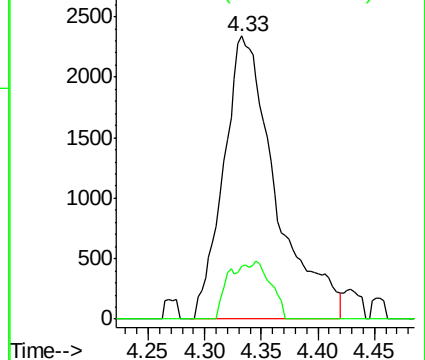
43 100

74 4.1 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



#20

Methylene Chloride

Concen: 133.405 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056616.D

Acq: 8 Jul 2019 17:51

Tgt Ion: 84 Resp: 404040

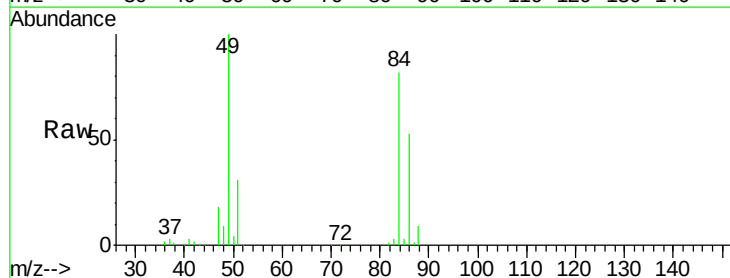
Ion Ratio Lower Upper

84 100

49 122.0 96.4 144.6

51 37.2 28.6 43.0

86 65.1 51.4 77.2

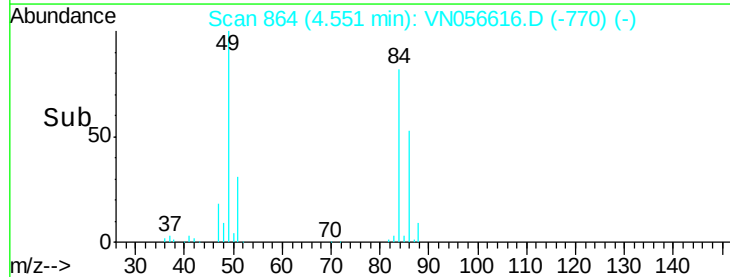
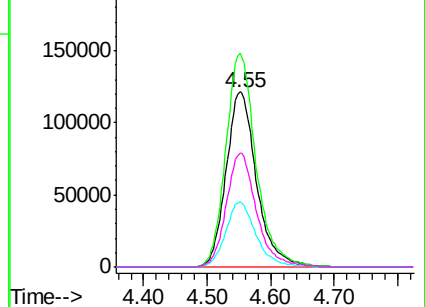


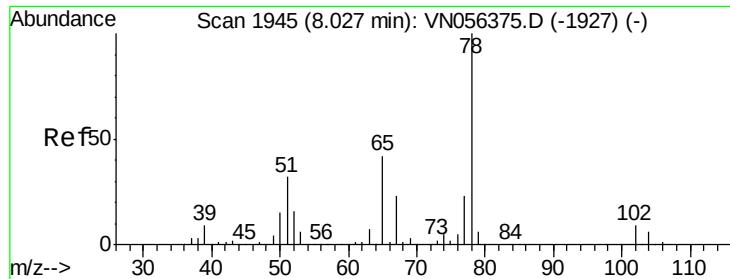
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

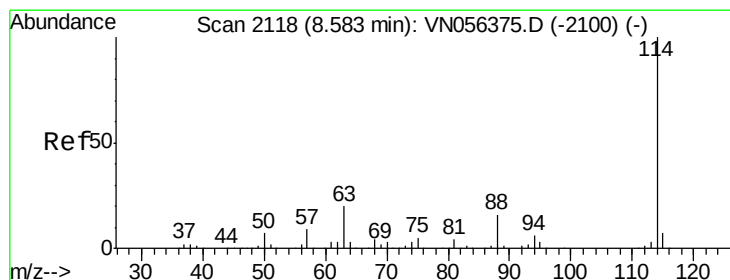
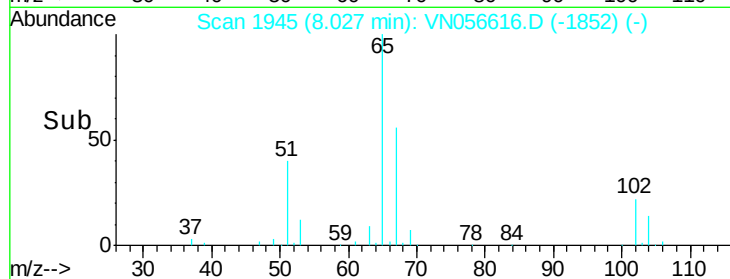
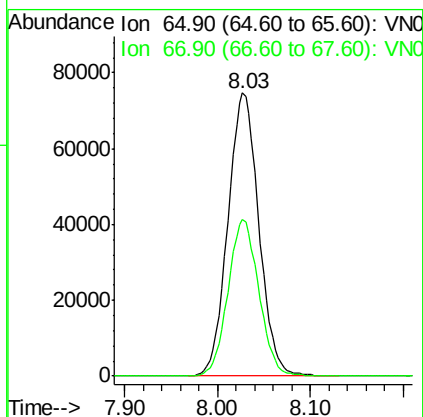
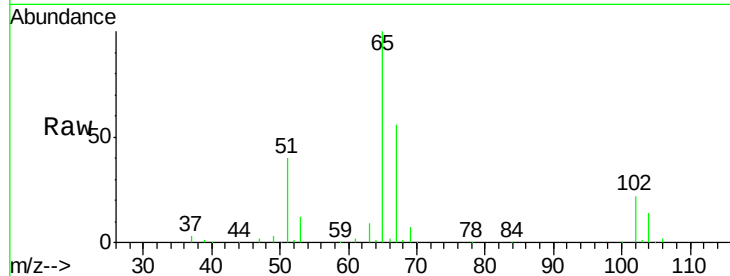




#33
 1,2-Dichloroethane-d4
 Concen: 53.321 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056616.D
 Acq: 8 Jul 2019 17:51

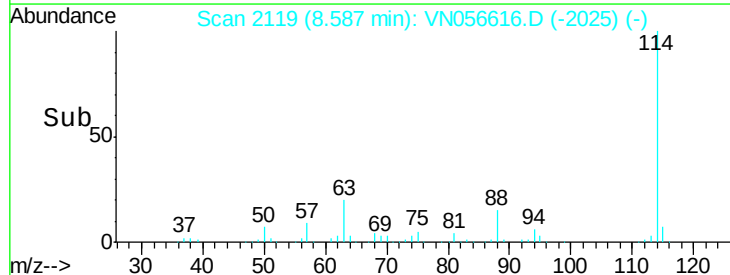
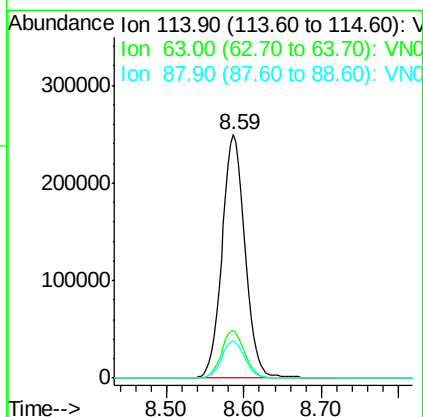
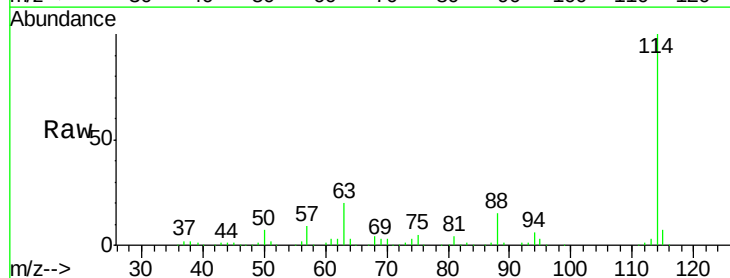
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-070319-A

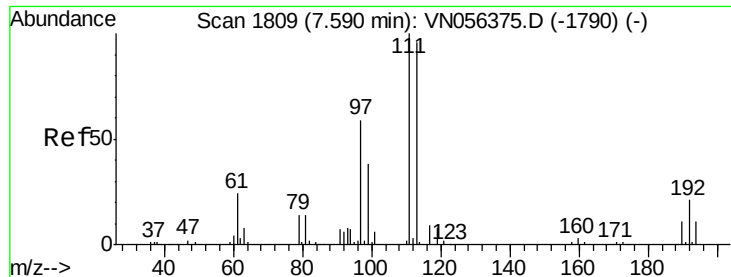
Tot Ion: 65 Resp: 172910
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056616.D
 Acq: 8 Jul 2019 17:51

Tgt Ion: 114 Resp: 515688
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.2 0.0 31.4

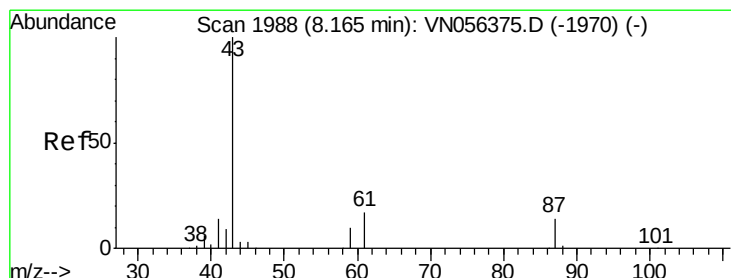
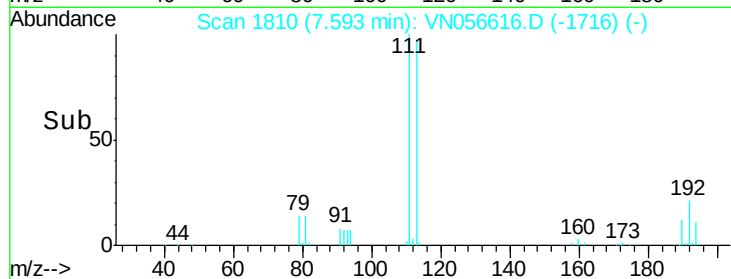
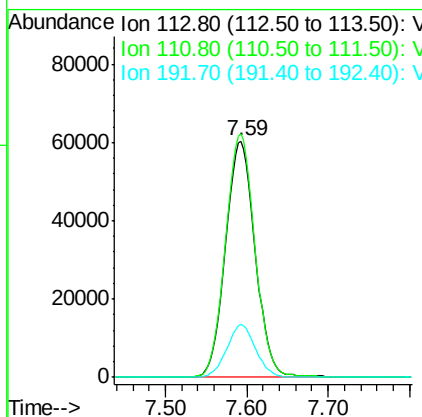
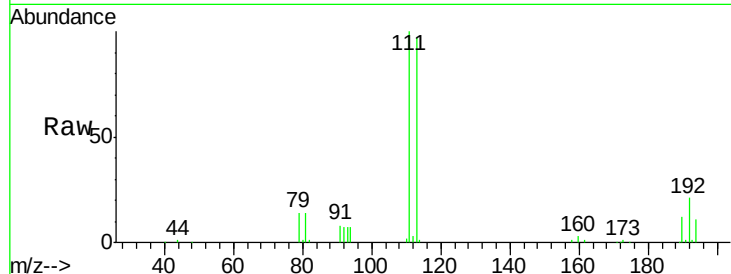




#35
 Dibromofluoromethane
 Concen: 47.910 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056616.D
 Acq: 8 Jul 2019 17:51

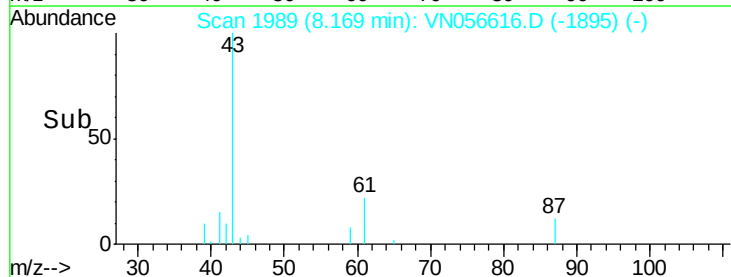
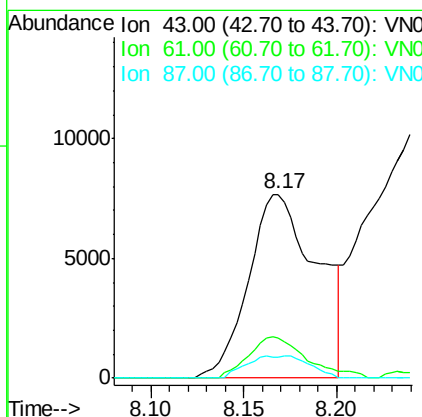
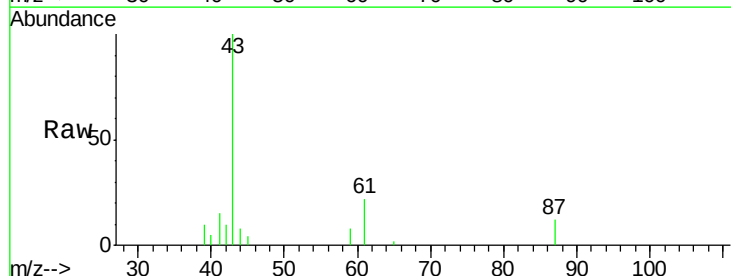
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-070319-A

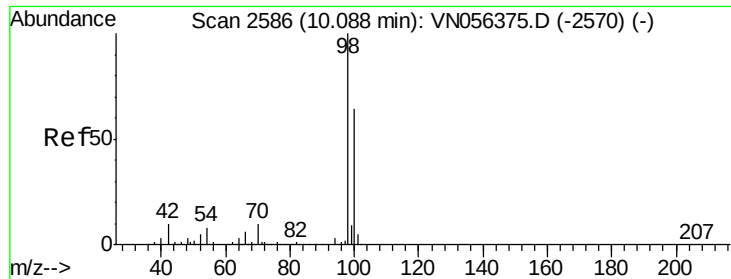
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.7	17.7	26.5



#43
 Isopropyl Acetate
 Concen: 2.852 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056616.D
 Acq: 8 Jul 2019 17:51

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	22.0	33.0#
87	11.2	11.0	16.4





#50

Toluene-d8

Concen: 51.642 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056616.D

Acq: 8 Jul 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

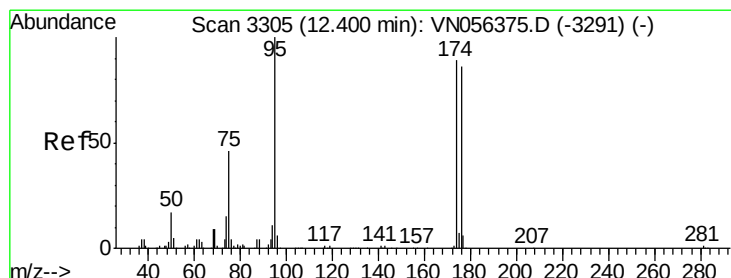
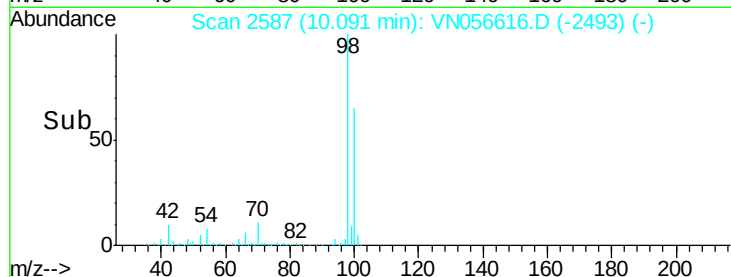
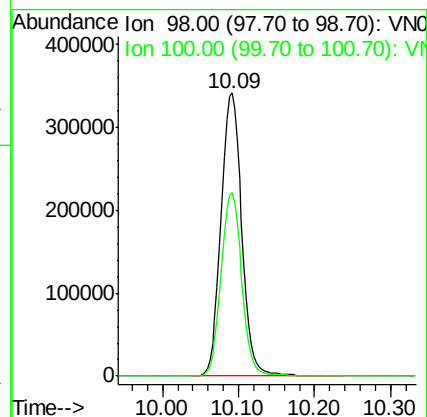
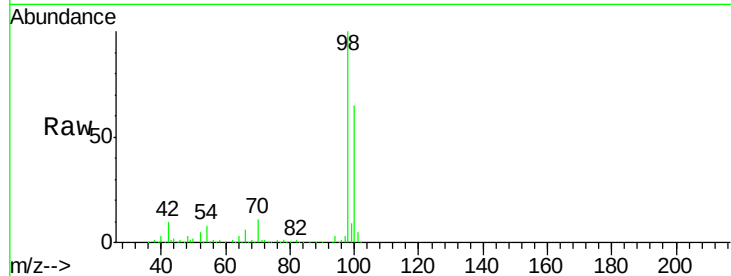
OR-02-070319-A

Tot Ion: 98 Resp: 646441

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 57.783 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056616.D

Acq: 8 Jul 2019 17:51

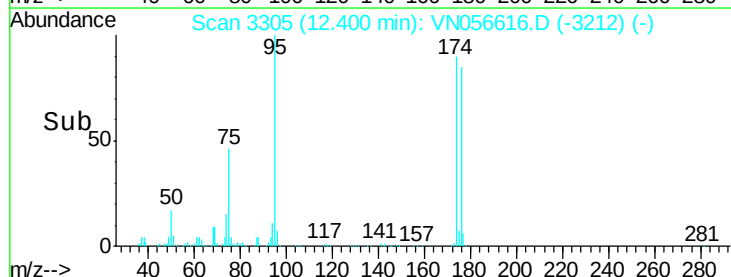
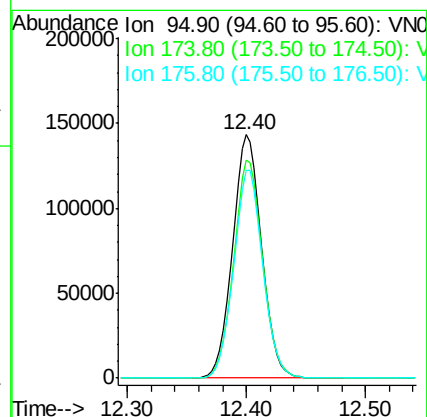
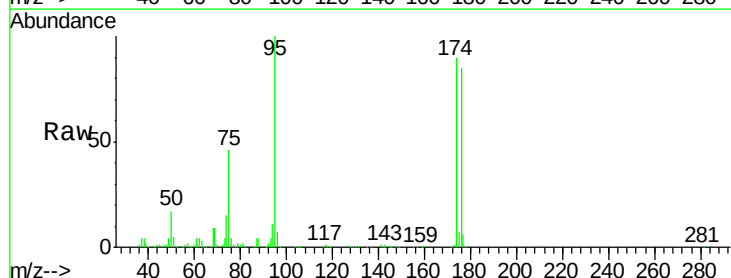
Tgt Ion: 95 Resp: 241124

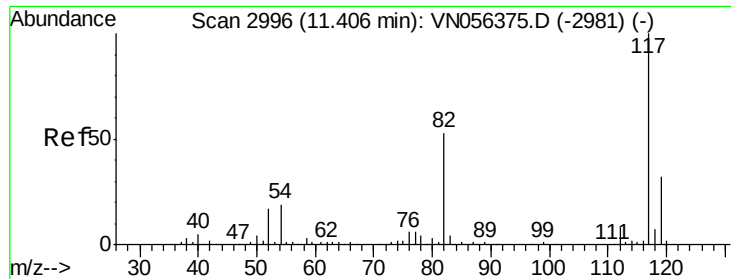
Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

176 85.9 0.0 173.4

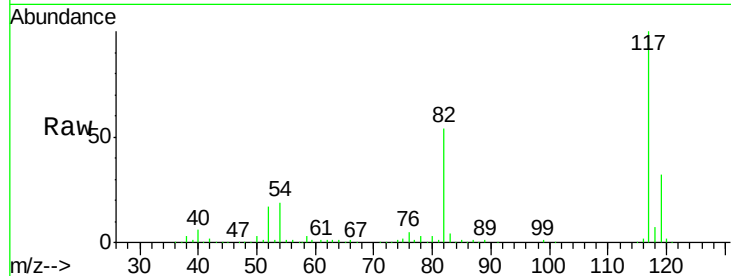




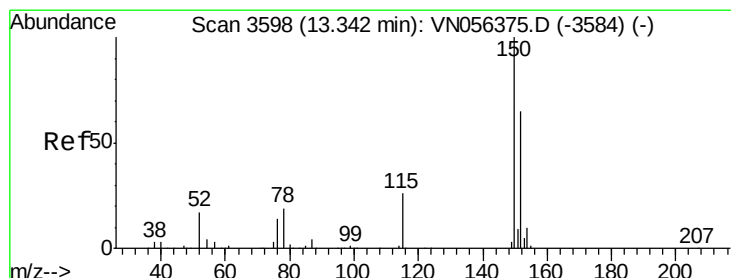
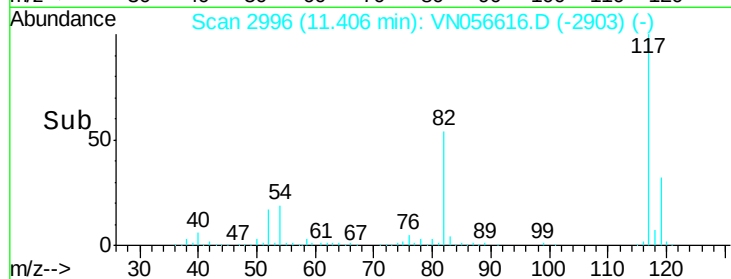
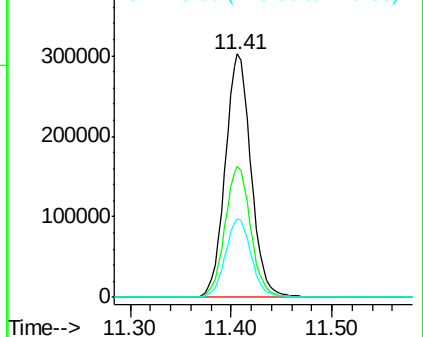
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056616.D
Acq: 8 Jul 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
OR-02-070319-A

Tot Ion:117 Resp: 537958
Ion Ratio Lower Upper
117 100
82 53.9 42.0 63.0
119 32.3 25.3 37.9

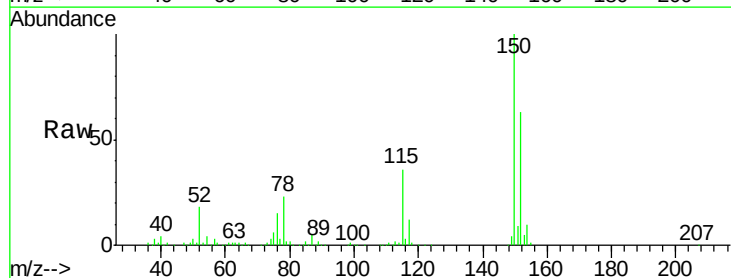


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

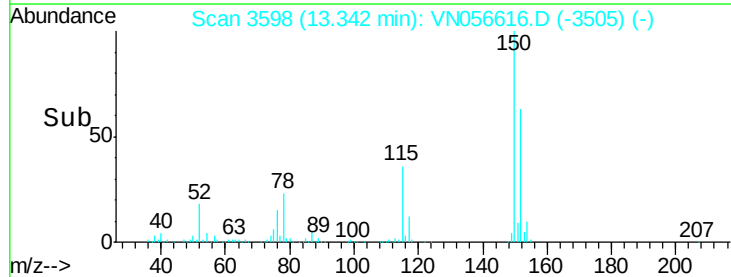
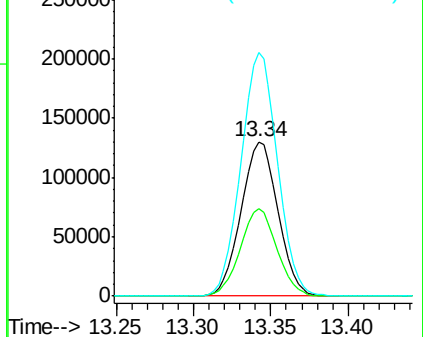


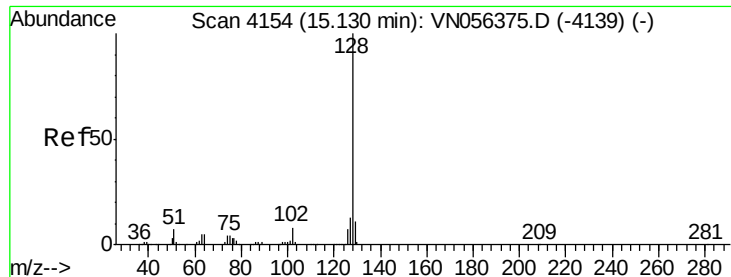
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056616.D
Acq: 8 Jul 2019 17:51

Tgt Ion:152 Resp: 215959
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.4
150 156.4 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: 5.898 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056616.D

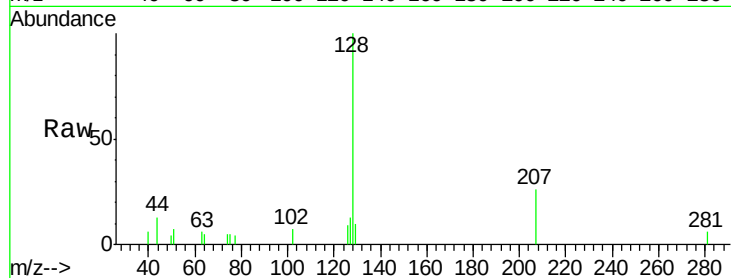
Acq: 8 Jul 2019 17:51

Instrument :

MSVOA_N

ClientSampleId :

OR-02-070319-A



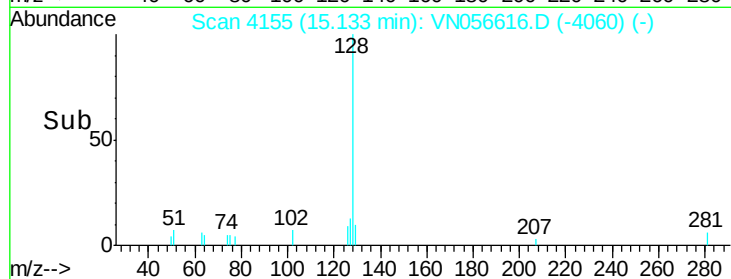
Tot Ion:128 Resp: 7210

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 7.9 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

