

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056322.D
 Acq On : 14 Jun 2019 19:13
 Operator : JC/SP
 Sample : K3352-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-12

Quant Time: Jun 15 00:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

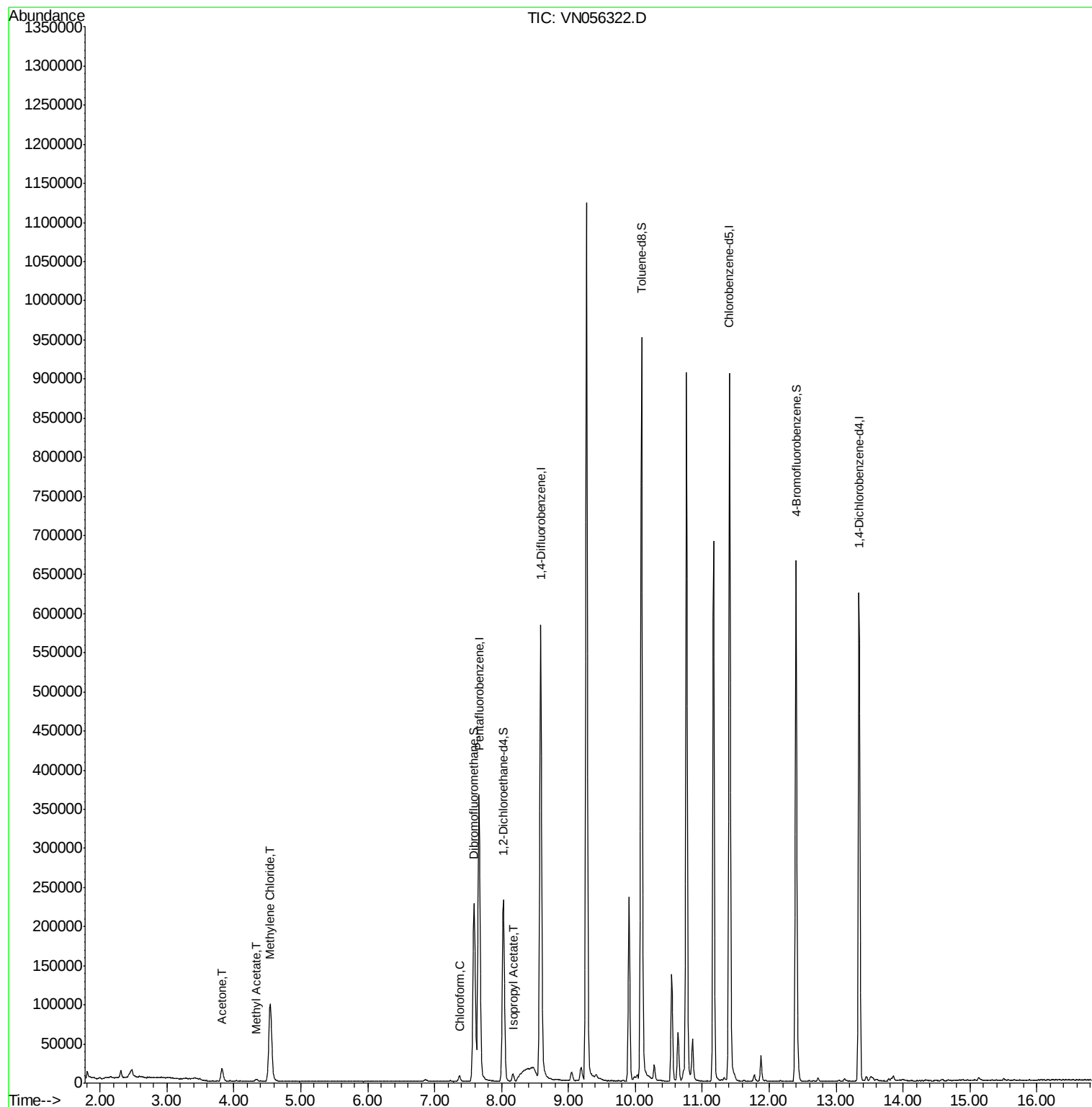
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	328641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	566522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	195278	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
35) Dibromofluoromethane	7.59	113	175877	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.09	98	716222	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.40	95	240494	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
Target Compounds						
16) Acetone	3.82	43	27523	17.636	ug/l	96
18) Methyl Acetate	4.33	43	5819	1.336	ug/l #	78
20) Methylene Chloride	4.54	84	80246	24.957	ug/l	98
30) Chloroform	7.37	83	7597	1.454	ug/l	96
43) Isopropyl Acetate	8.17	43	11274	1.605	ug/l #	90

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

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QLast Update : Tue Jun 04 11:02:09 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: VN056322.D

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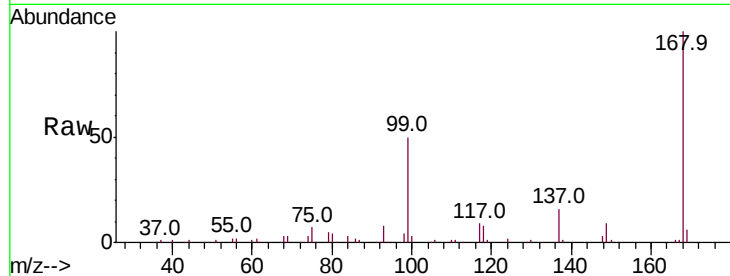
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-12

Tot Ion:168 Resp: 328641

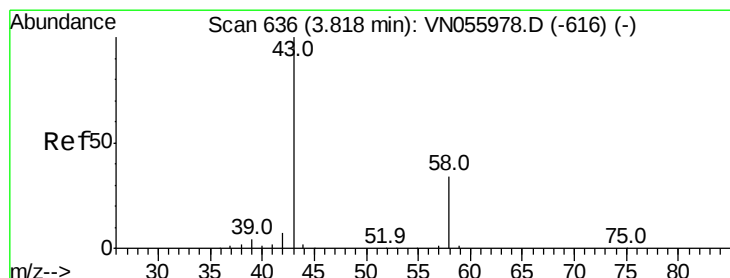
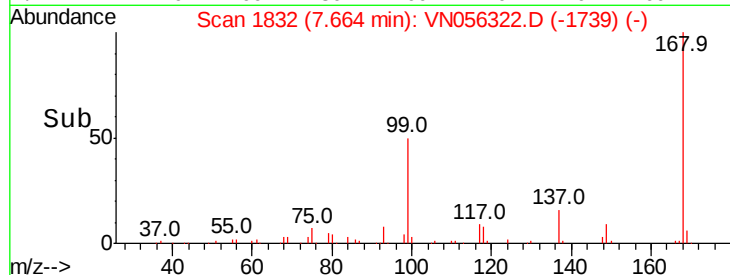
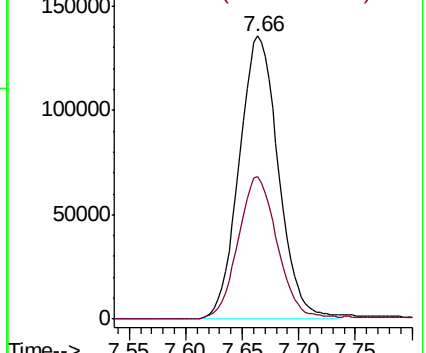
Ion Ratio Lower Upper

168 100

99 50.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 17.636 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056322.D

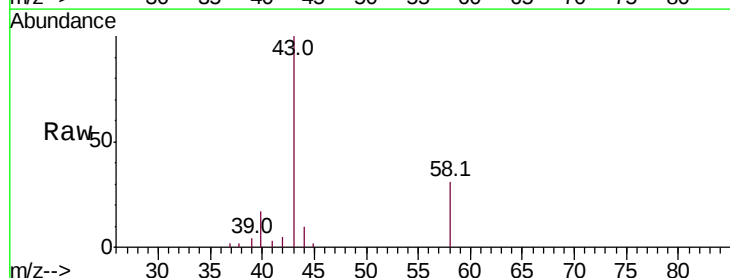
Acq: 14 Jun 2019 19:13

Tgt Ion: 43 Resp: 27523

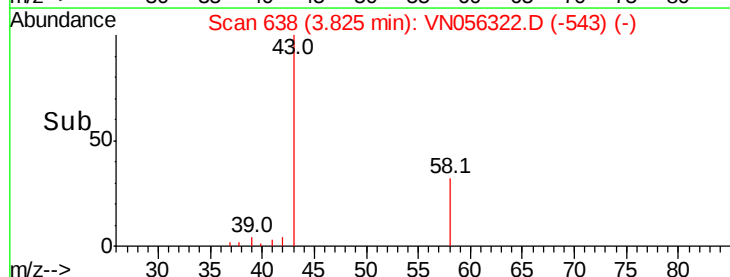
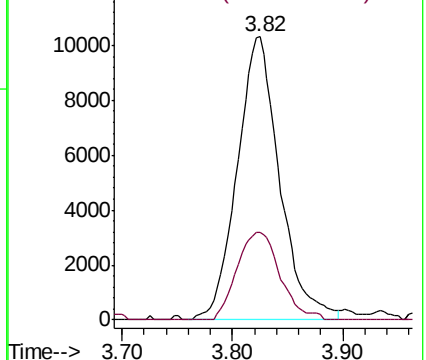
Ion Ratio Lower Upper

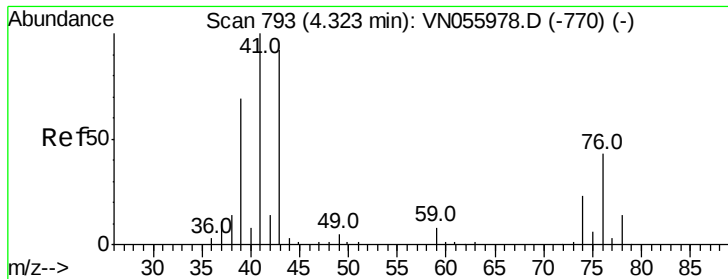
43 100

58 30.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

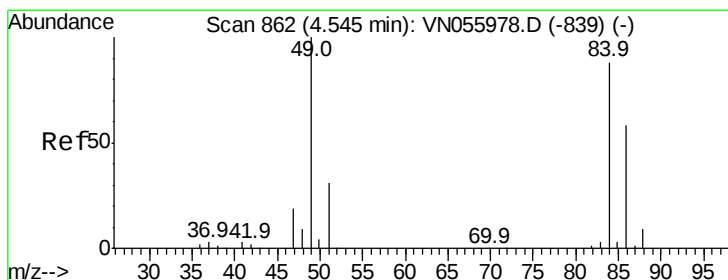
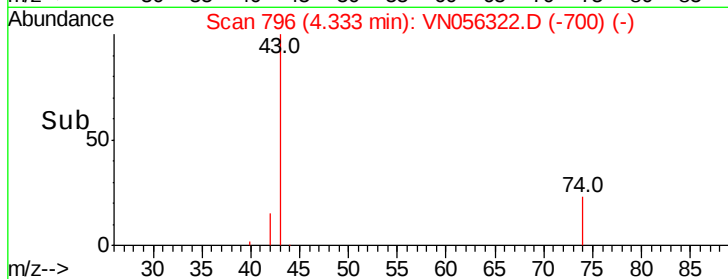
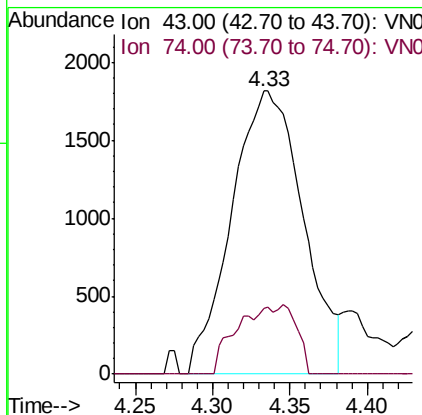
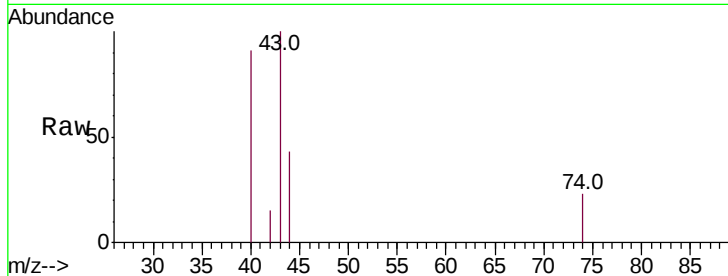




#18
Methyl Acetate
Concen: 1.336 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056322.D
Acq: 14 Jun 2019 19:13

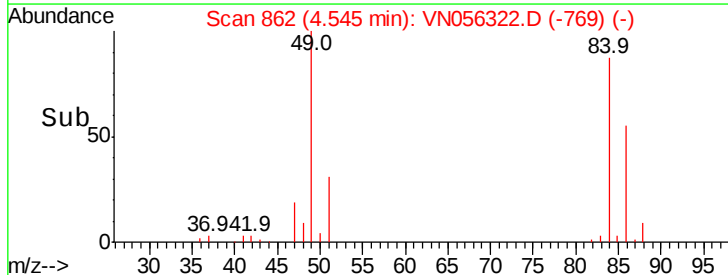
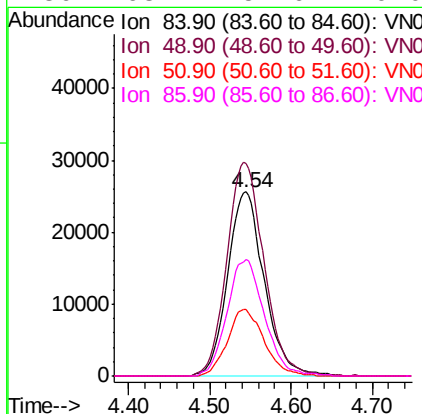
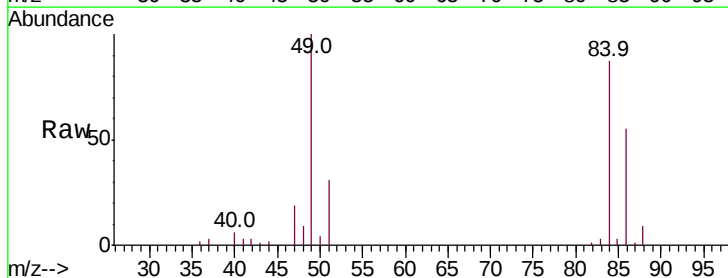
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-12

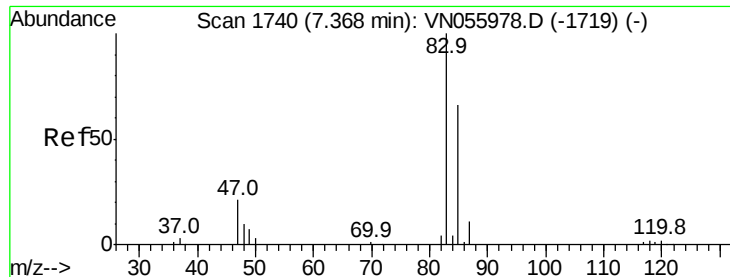
Tot Ion: 43 Resp: 5819
Ion Ratio Lower Upper
43 100
74 13.1 19.3 28.9#



#20
Methylene Chloride
Concen: 24.957 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056322.D
Acq: 14 Jun 2019 19:13

Tgt Ion: 84 Resp: 80246
Ion Ratio Lower Upper
84 100
49 115.5 93.5 140.3
51 35.9 28.6 43.0
86 63.7 52.6 79.0

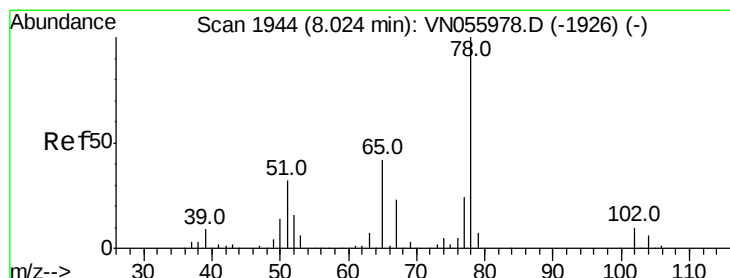
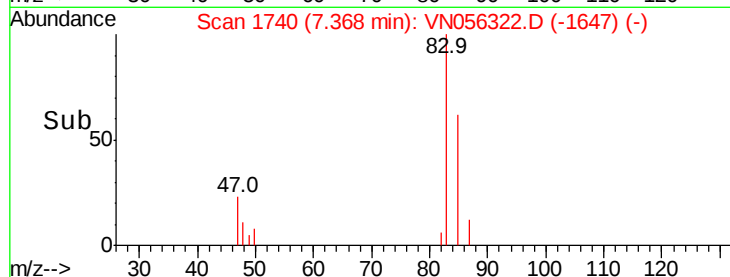
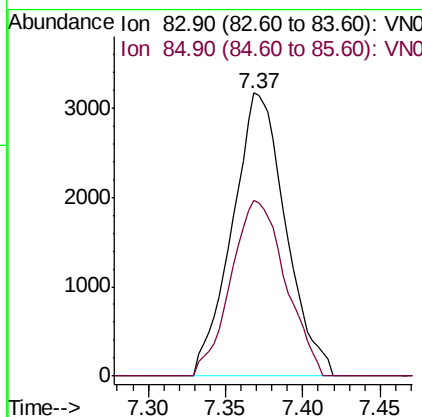
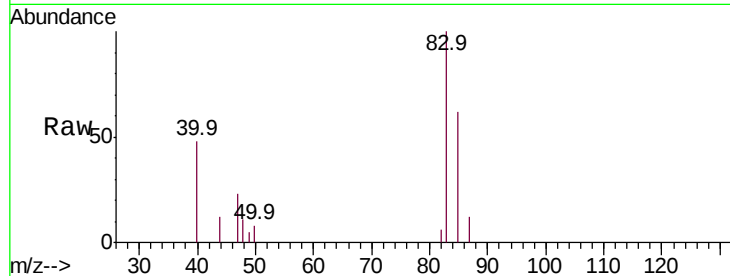




#30
Chloroform
Concen: 1.454 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056322.D
Acq: 14 Jun 2019 19:13

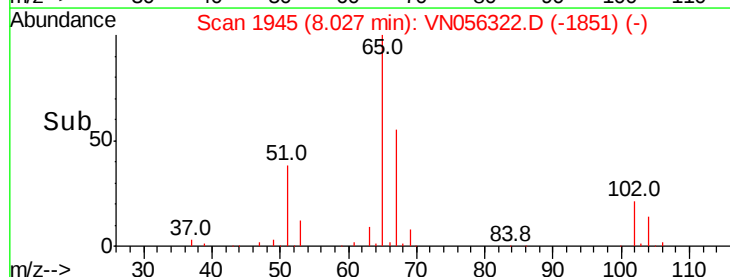
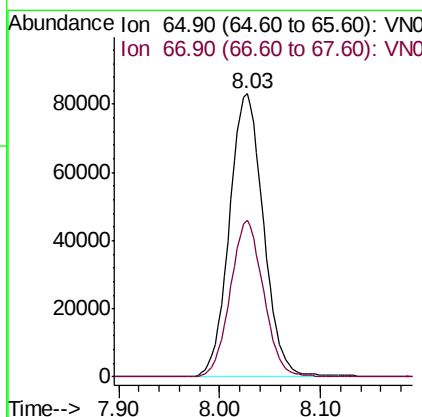
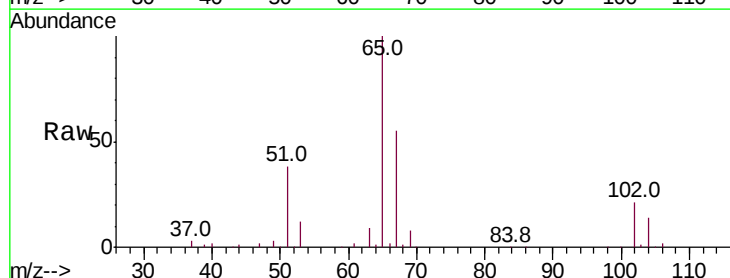
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-12

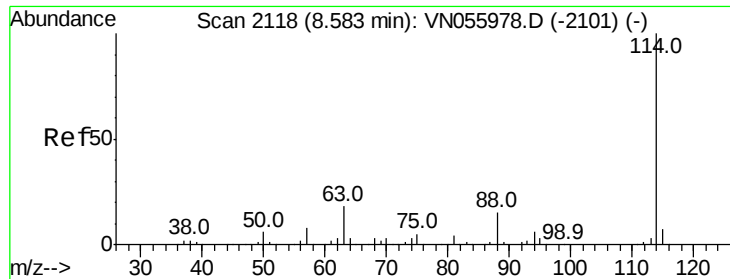
Tot Ion: 83 Resp: 7597
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 59.844 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056322.D
Acq: 14 Jun 2019 19:13

Tgt Ion: 65 Resp: 195278
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.2

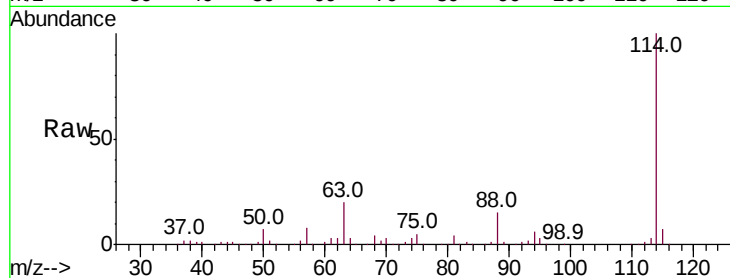




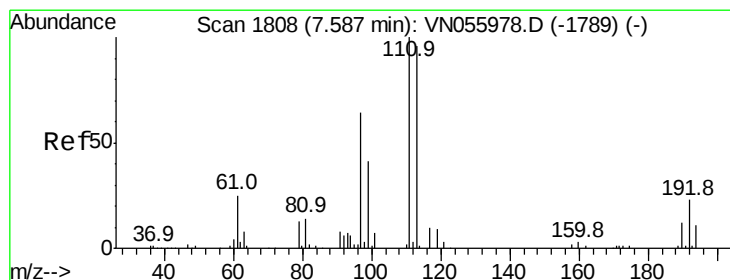
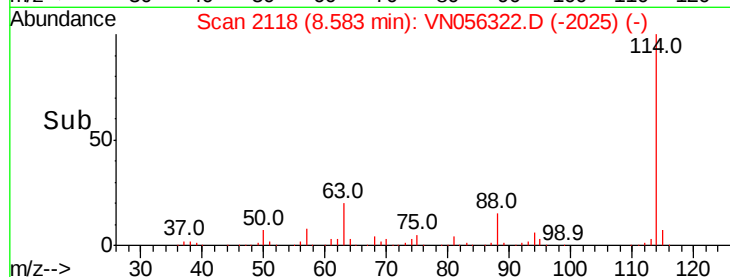
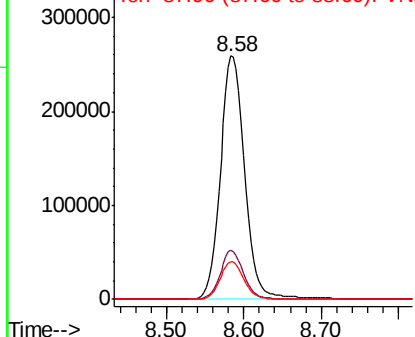
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056322.D
 Acq: 14 Jun 2019 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-12

Tot Ion:114 Resp: 566522
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.5 0.0 31.0

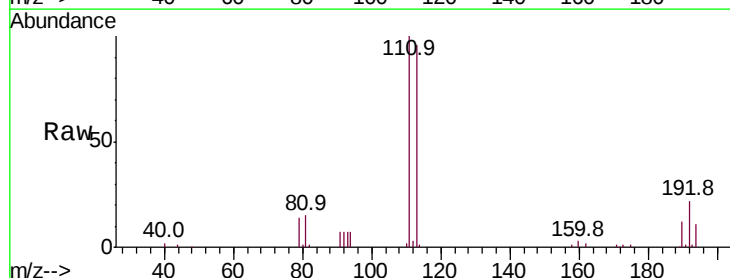


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

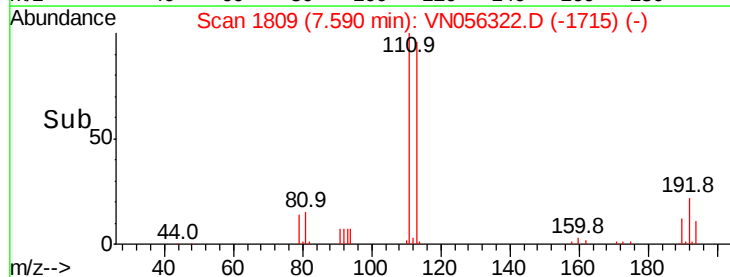
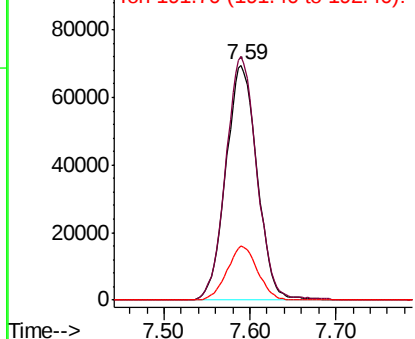


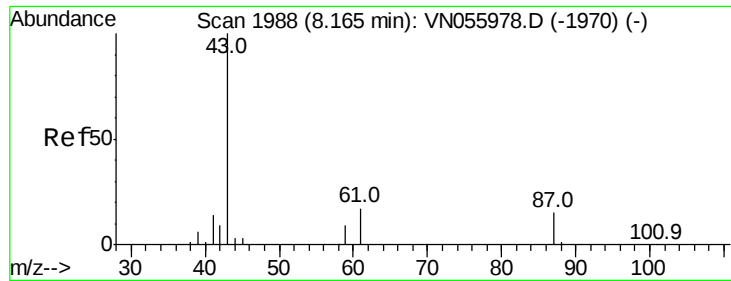
#35
 Dibromofluoromethane
 Concen: 50.600 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056322.D
 Acq: 14 Jun 2019 19:13

Tgt Ion:113 Resp: 175877
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 22.4 19.5 29.3



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





#43

Isopropyl Acetate

Concen: 1.605 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056322.D

Acq: 14 Jun 2019 19:13

Instrument :

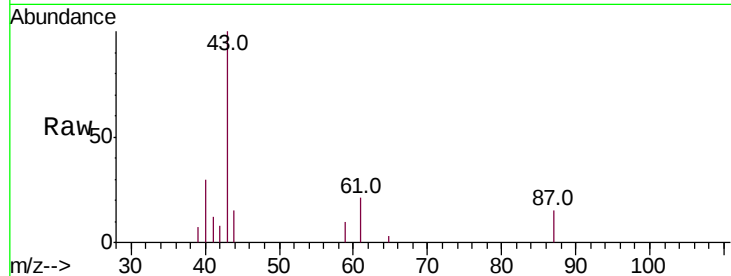
MSVOA_N

ClientSampleId :

20190612-LOC-12

Tot Ion: 43 Resp: 11274

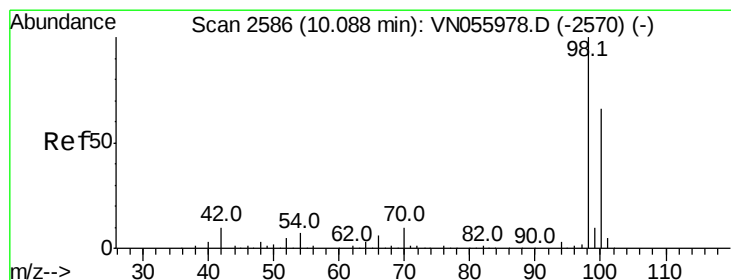
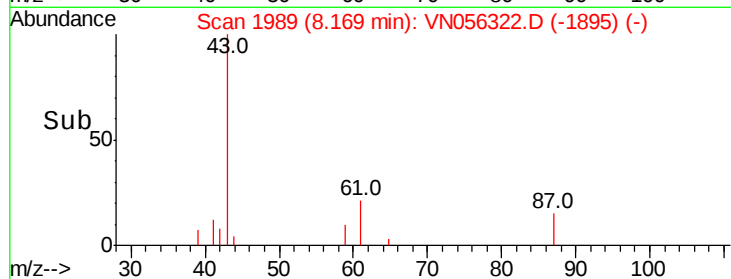
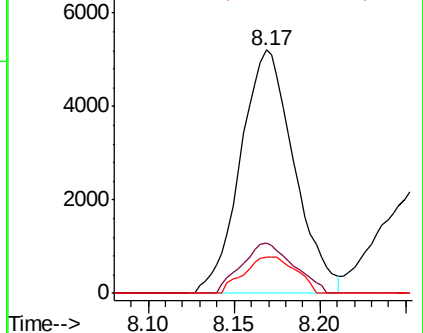
Ion	Ratio	Lower	Upper
43	100		
61	20.1	22.2	33.4#
87	14.3	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#50

Toluene-d8

Concen: 53.550 ug/l

RT: 10.09 min Scan# 2586

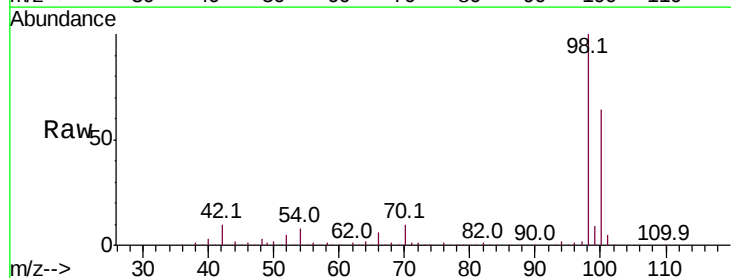
Delta R.T. 0.00 min

Lab File: VN056322.D

Acq: 14 Jun 2019 19:13

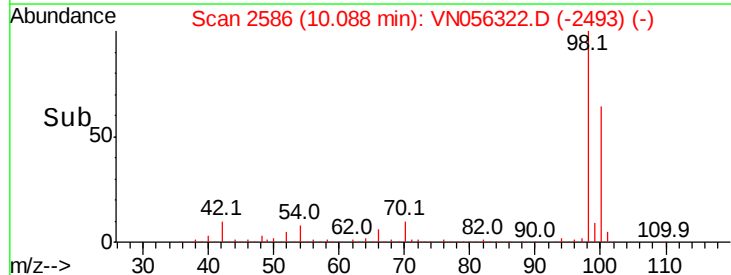
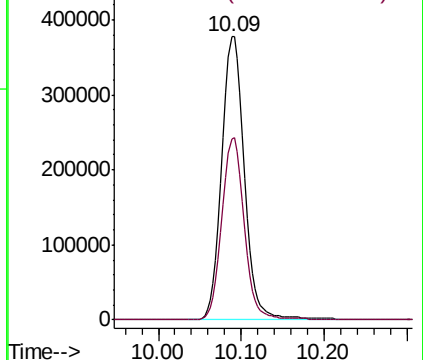
Tgt Ion: 98 Resp: 716222

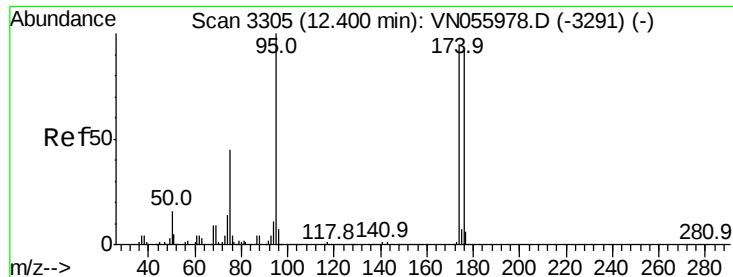
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 52.874 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056322.D

Acq: 14 Jun 2019 19:13

Instrument :

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20190612-LOC-12

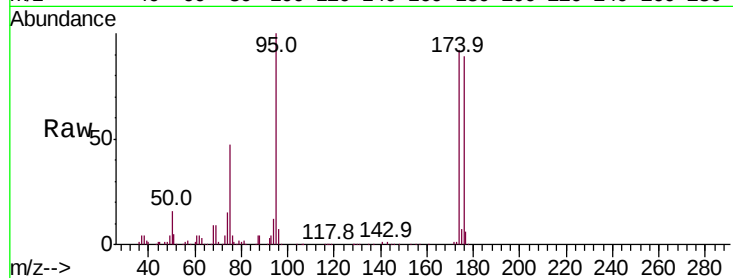
Tot Ion: 95 Resp: 240494

Ion Ratio Lower Upper

95 100

174 92.4 0.0 191.0

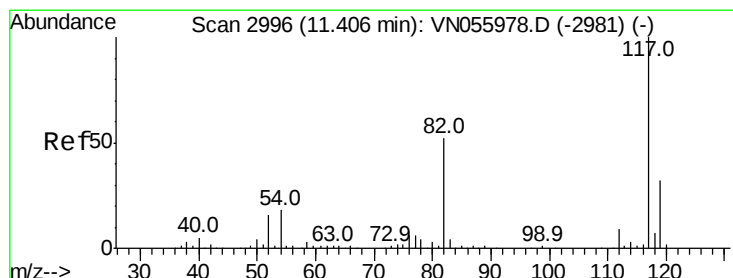
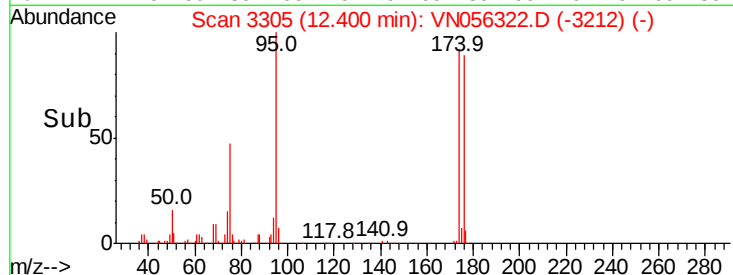
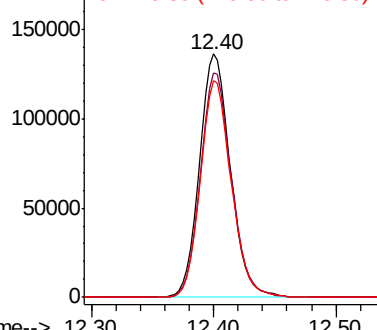
176 89.1 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056322.D

Acq: 14 Jun 2019 19:13

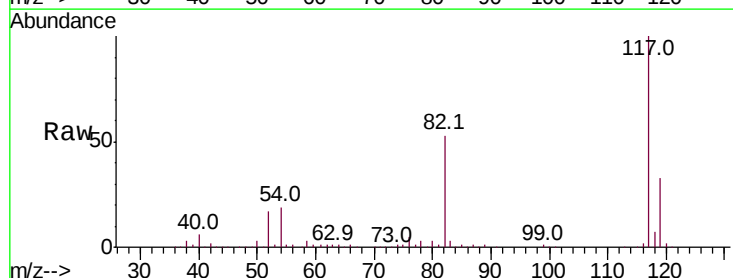
Tgt Ion: 117 Resp: 580092

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

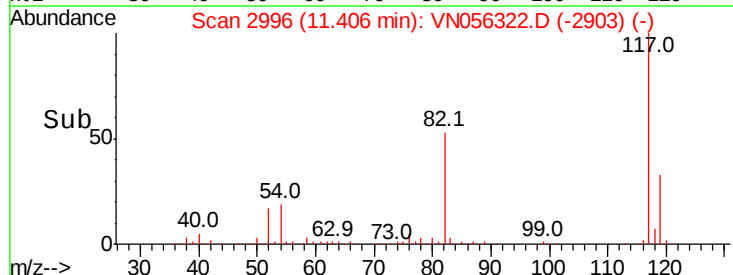
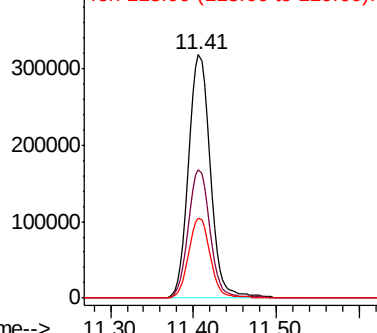
119 33.0 25.4 38.0

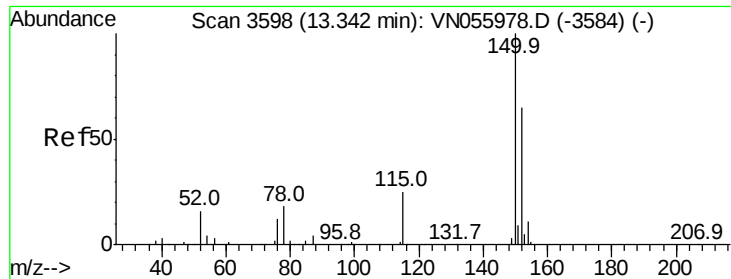


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056322.D

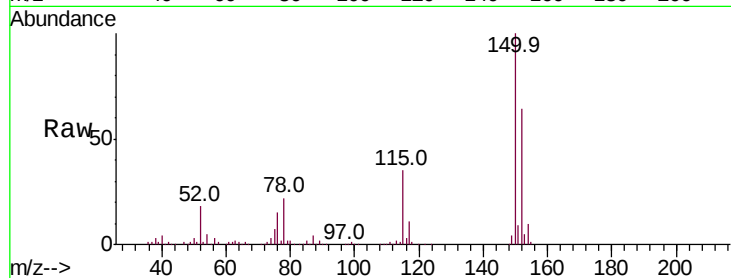
Acq: 14 Jun 2019 19:13

Instrument :

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ClientSampleId :

20190612-LOC-12



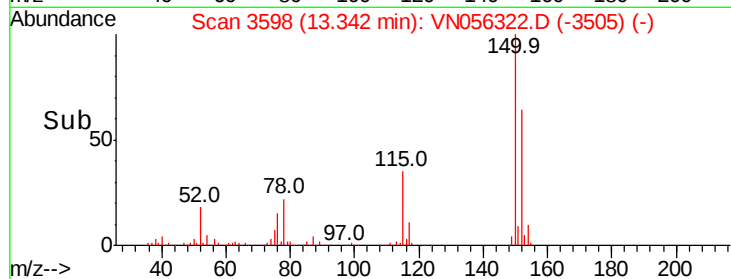
Tot Ion:152 Resp: 186884

Ion Ratio Lower Upper

152 100

115 55.1 27.0 81.0

150 156.6 0.0 343.2



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

