

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054560.D
 Acq On : 22 Mar 2019 16:15
 Operator : JC/SP
 Sample : K2047-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELDQC-190318-TB1

Quant Time: Mar 23 02:32:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	610897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	292596	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	420248	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	
35) Dibromofluoromethane	7.59	113	325063	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.09	98	1262816	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	390129	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	3168	1.387	ug/l #	80
31) Cyclohexane	7.67	56	13358	Below Cal	#	10
36) 1,1-Dichloropropene	7.67	75	46941	5.166	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56814	6.435	ug/l #	15
53) t-1,3-Dichloropropene	10.09	75	139	2.247	ug/l #	66
71) Bromoform	12.39	173	1071	2.471	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	200598	43.204	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	200598	142.663	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

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MSVOA_N

ClientSampleId :

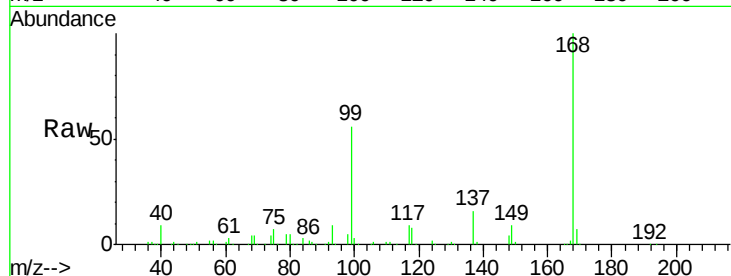
FIELDQC-190318-TB1

Tot Ion:168 Resp: 610897

Ion Ratio Lower Upper

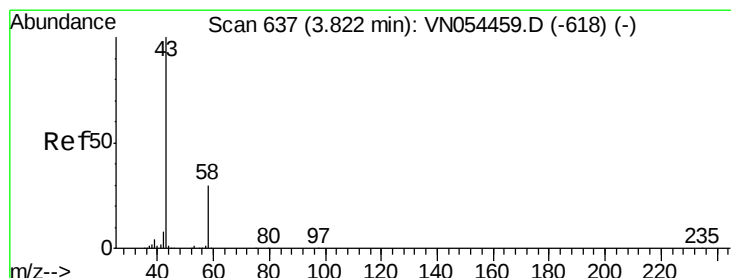
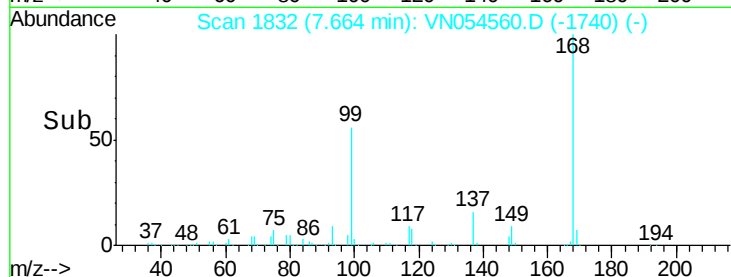
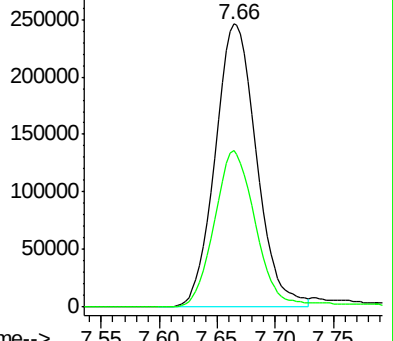
168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 1.387 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054560.D

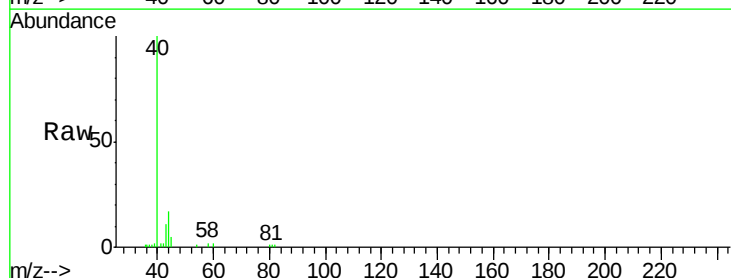
Acq: 22 Mar 2019 16:15

Tgt Ion: 43 Resp: 3168

Ion Ratio Lower Upper

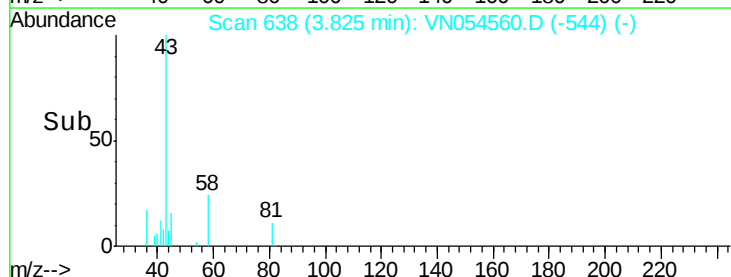
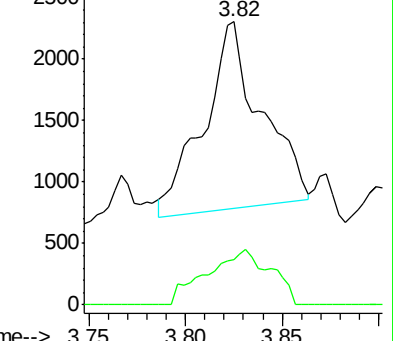
43 100

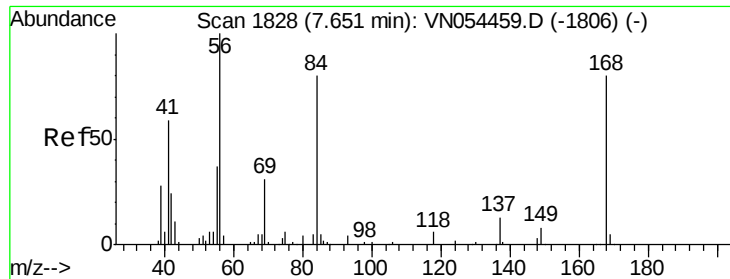
58 25.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

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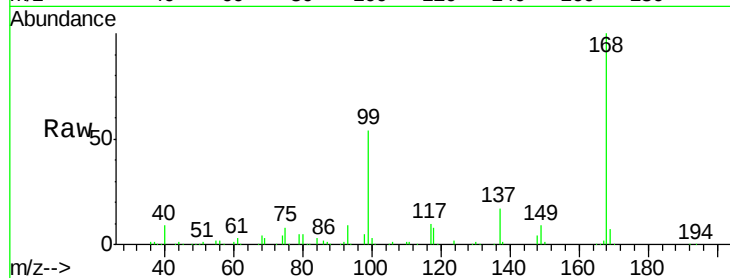
Tot Ion: 56 Resp: 13358

Ion Ratio Lower Upper

56 100

69 165.4 27.8 41.6#

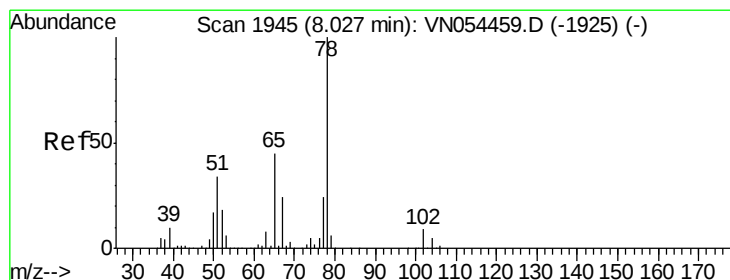
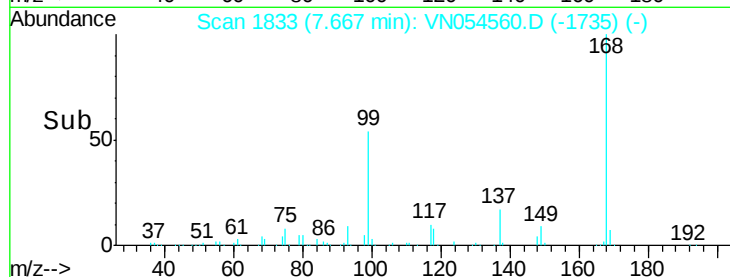
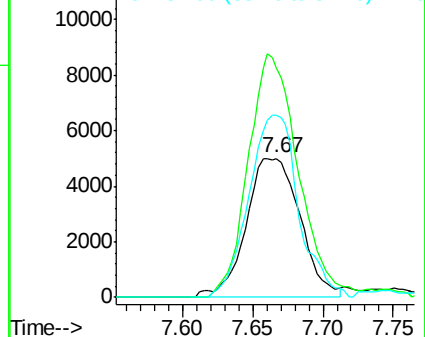
84 130.7 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.306 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054560.D

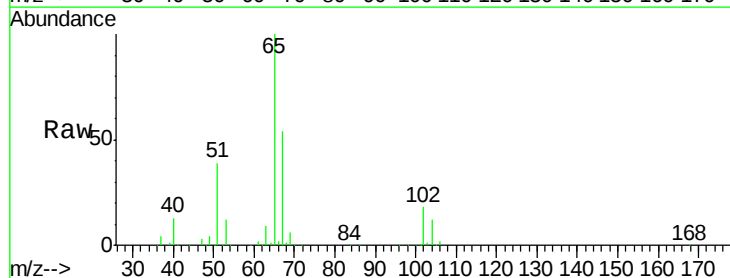
Acq: 22 Mar 2019 16:15

Tgt Ion: 65 Resp: 420248

Ion Ratio Lower Upper

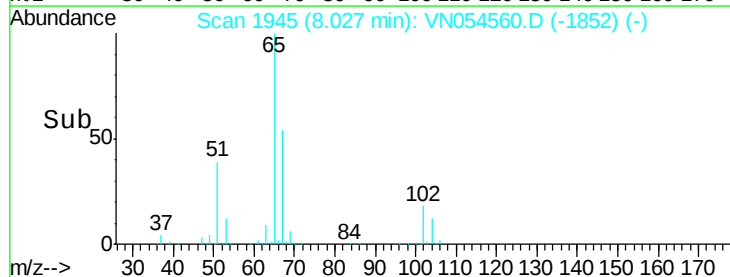
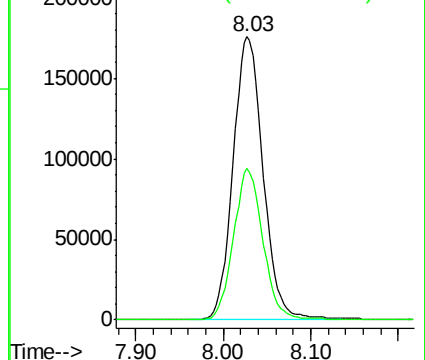
65 100

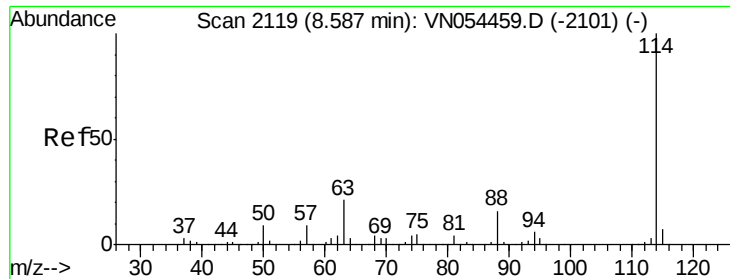
67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

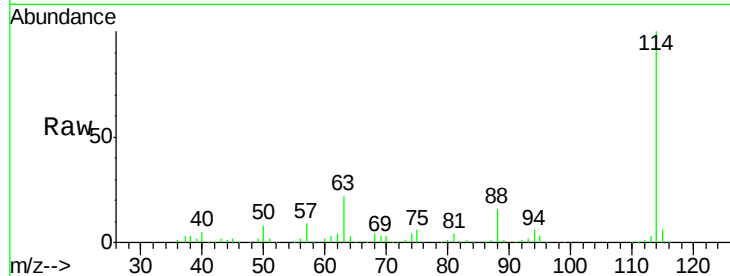




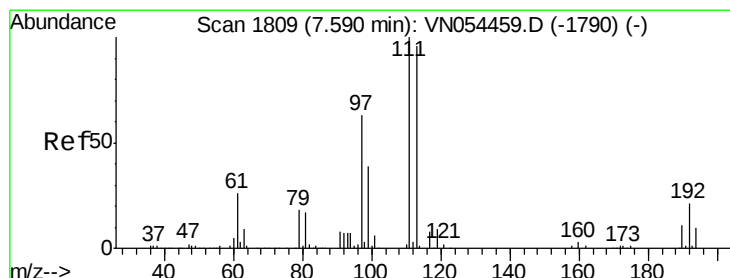
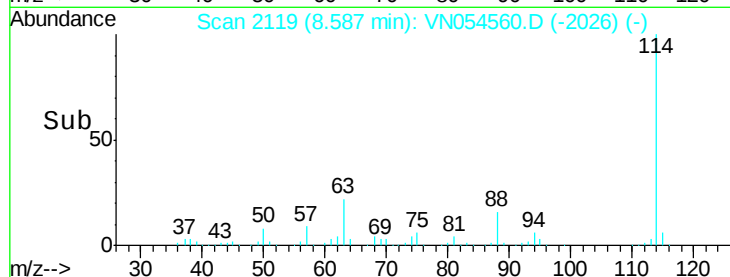
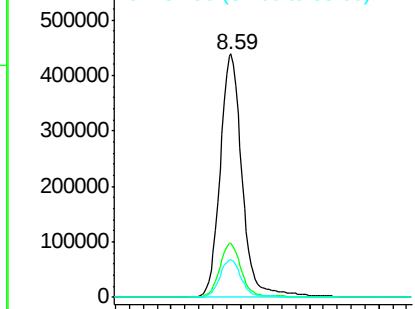
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Instrument :
MSVOA_N
ClientSampleId :
FIELDQC-190318-TB1

Tot Ion:114 Resp: 971724
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.2
88 15.6 0.0 30.2

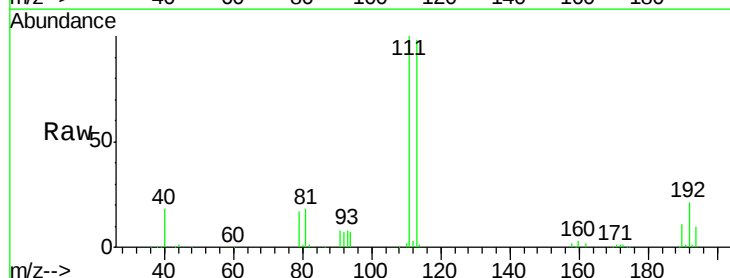


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

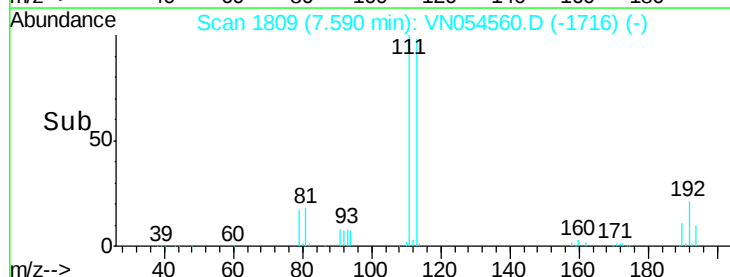
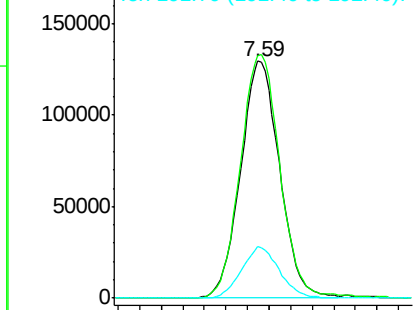


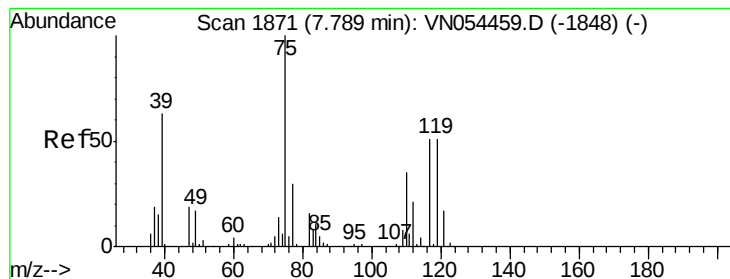
#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Tgt Ion:113 Resp: 325063
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 21.0 19.2 28.8



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





#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

FIELDQC-190318-TB1

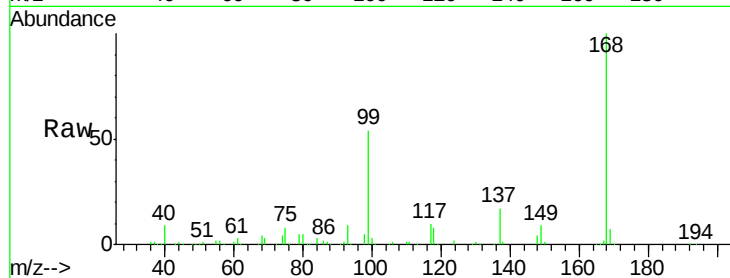
Tot Ion: 75 Resp: 46941

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.5#

77 0.0 25.0 37.4#

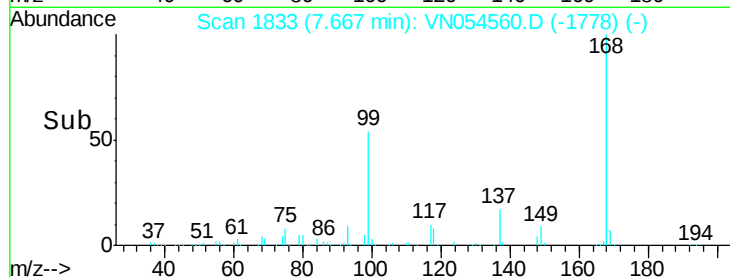


Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN054459.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-1848) (-)

Time-->

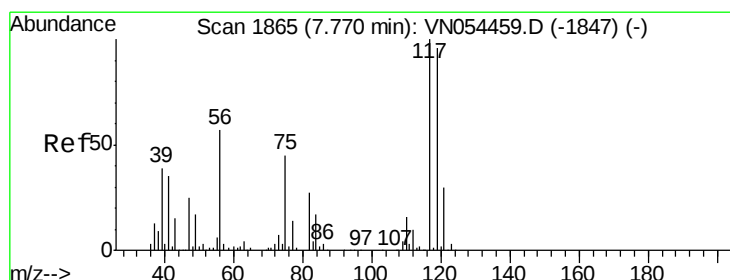


Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN054459.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-1848) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.435 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

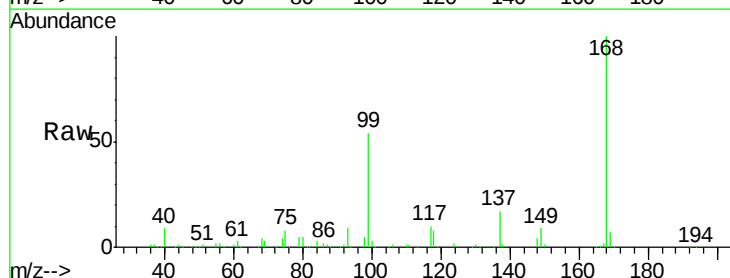
Tgt Ion: 117 Resp: 56814

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

121 0.0 24.6 36.8#

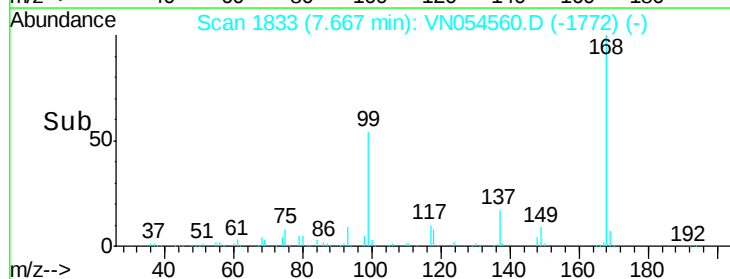


Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054459.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054459.D (-1847) (-)

Time-->

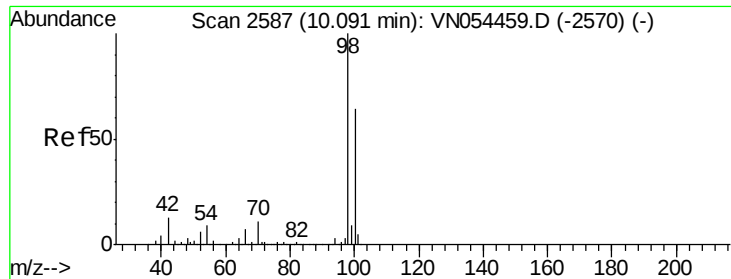


Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054459.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054459.D (-1847) (-)

Time-->



#50

Toluene-d8

Concen: 53.657 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

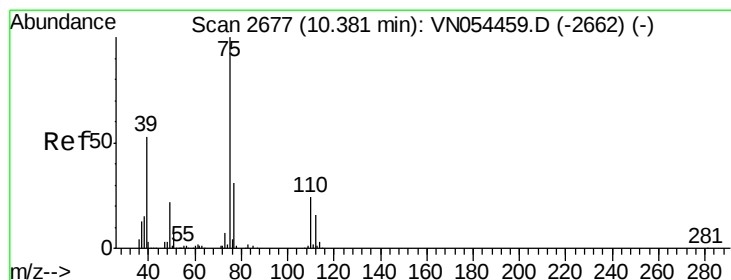
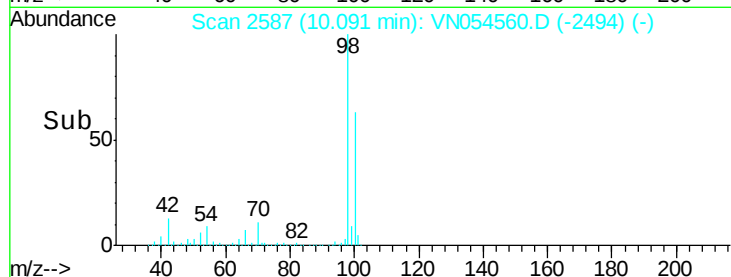
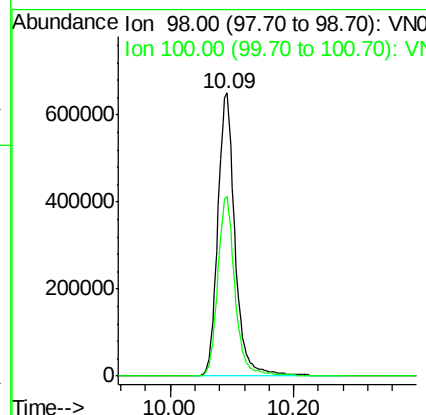
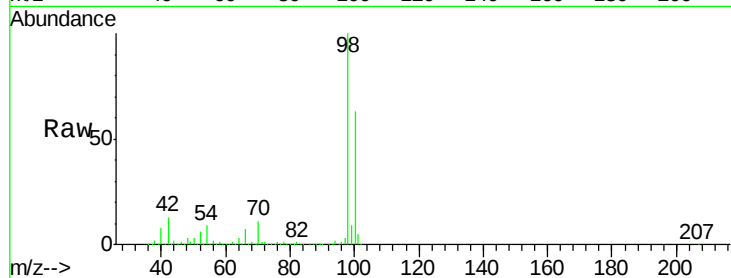
FIELDQC-190318-TB1

Tot Ion: 98 Resp: 1262816

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#53

t-1,3-Dichloropropene

Concen: 2.247 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.29 min

Lab File: VN054560.D

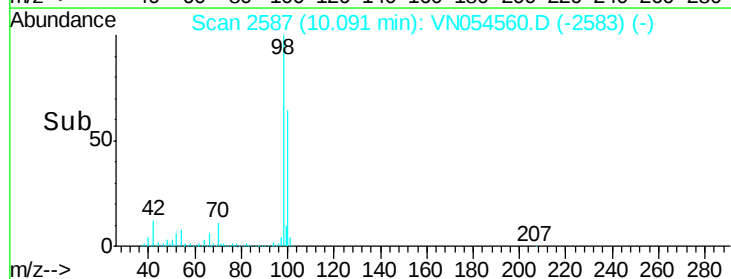
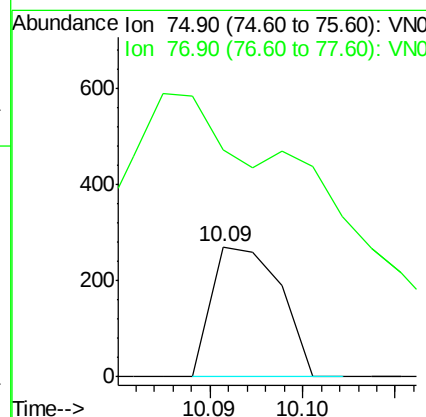
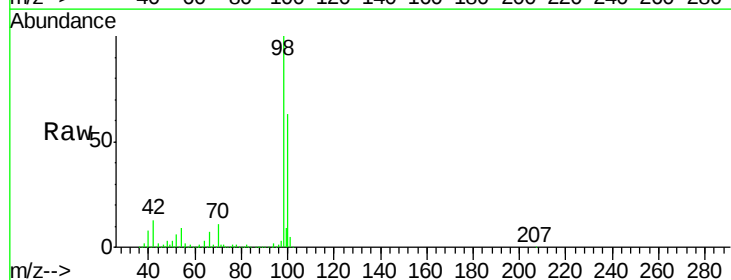
Acq: 22 Mar 2019 16:15

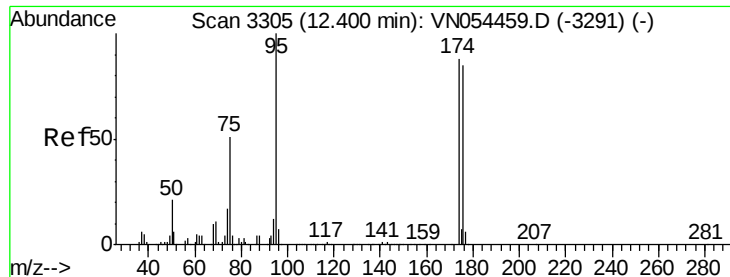
Tgt Ion: 75 Resp: 139

Ion Ratio Lower Upper

75 100

77 51.5 25.8 38.8#

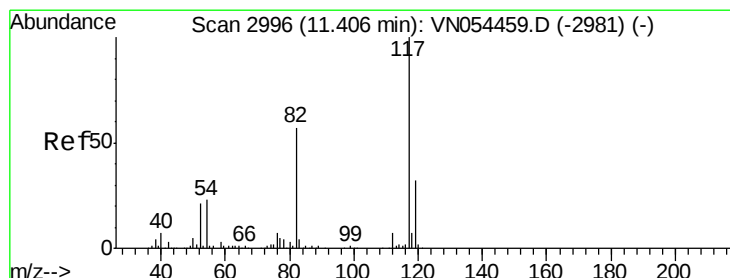
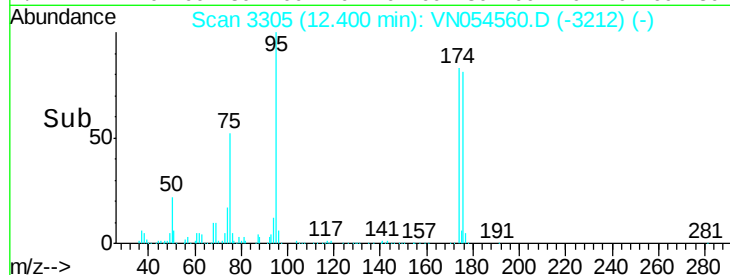
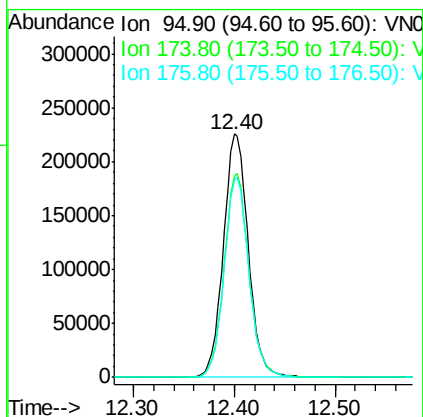
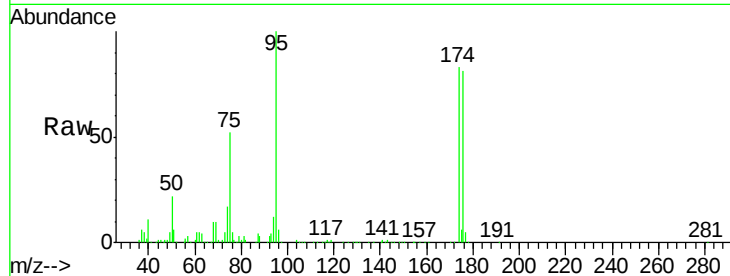




#62
4-Bromofluorobenzene
Concen: 48.714 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

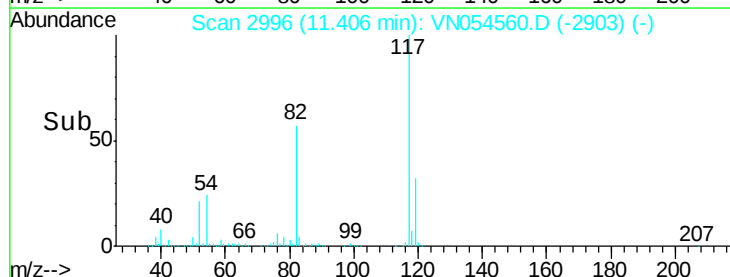
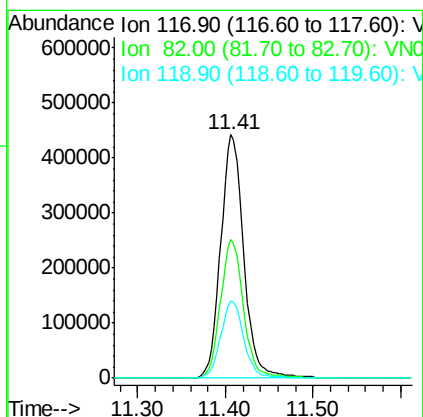
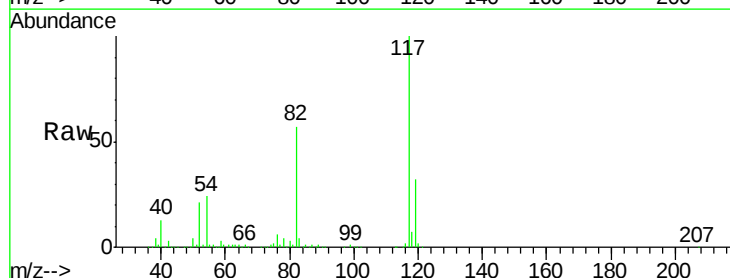
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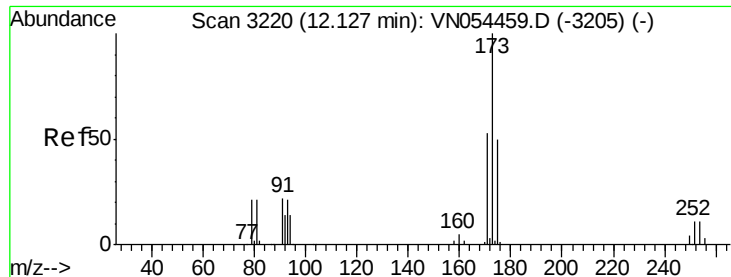
Tot Ion: 95 Resp: 390129
Ion Ratio Lower Upper
95 100
174 83.3 0.0 191.0
176 81.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Tgt Ion: 117 Resp: 810033
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 31.7 25.8 38.6

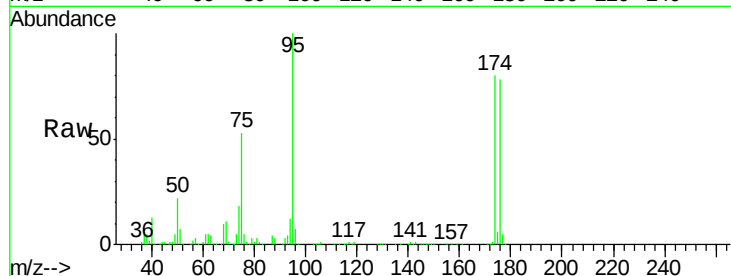




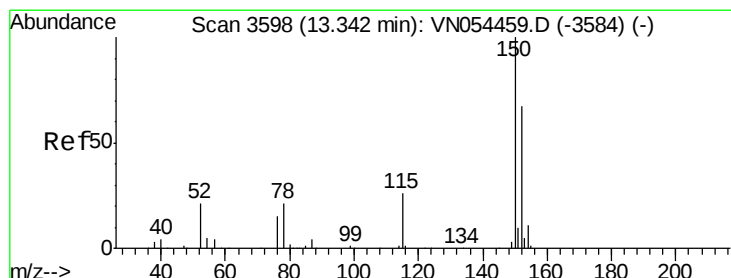
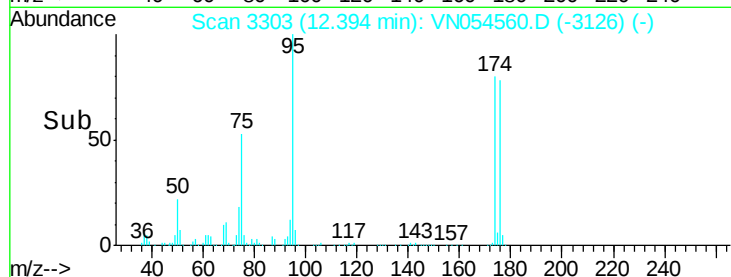
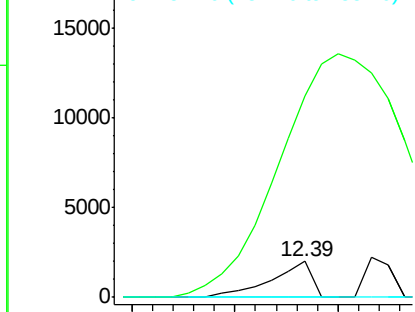
#71
Bromoform
Concen: 2.471 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Instrument :
MSVOA_N
ClientSampleId :
FIELDQC-190318-TB1

Tot Ion:173 Resp: 1071
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#

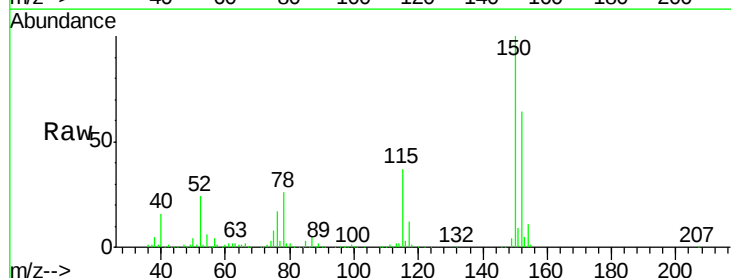


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

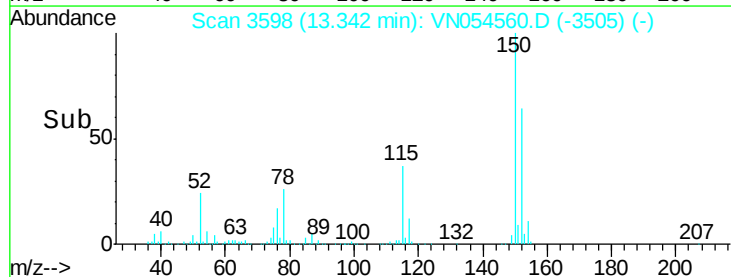
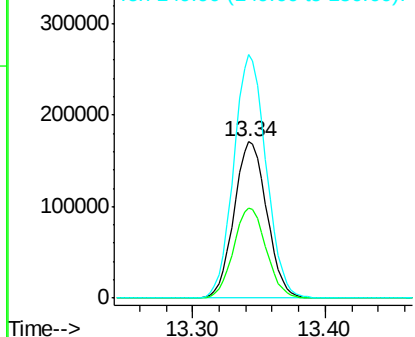


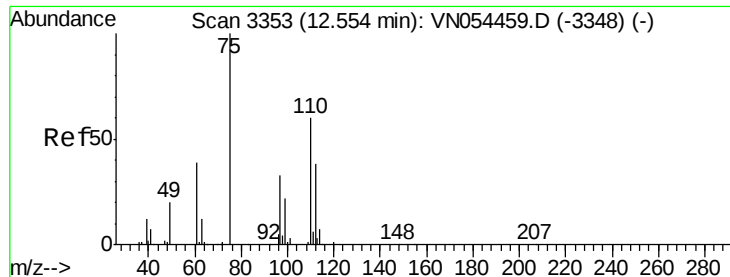
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054560.D
Acq: 22 Mar 2019 16:15

Tgt Ion:152 Resp: 292596
Ion Ratio Lower Upper
152 100
115 57.3 27.2 81.6
150 154.5 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 43.204 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

Instrument :

MSVOA_N

ClientSampleId :

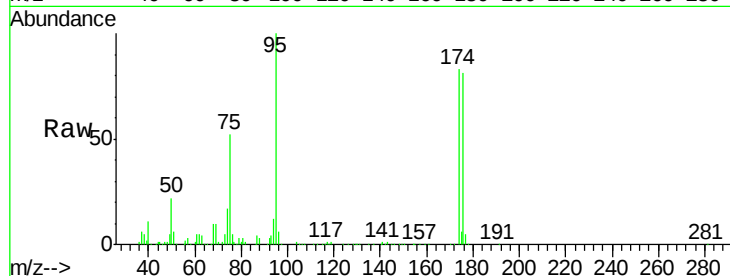
FIELDQC-190318-TB1

Tot Ion: 75 Resp: 200598

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

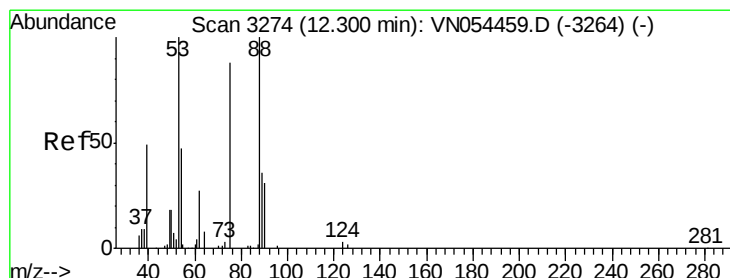
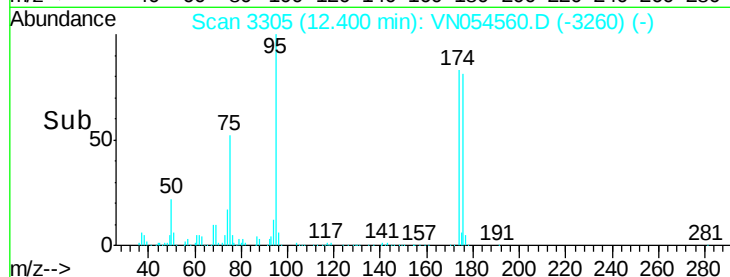
Ion 77.00 (76.70 to 77.70): VNO

12.40

100000

50000

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 142.663 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054560.D

Acq: 22 Mar 2019 16:15

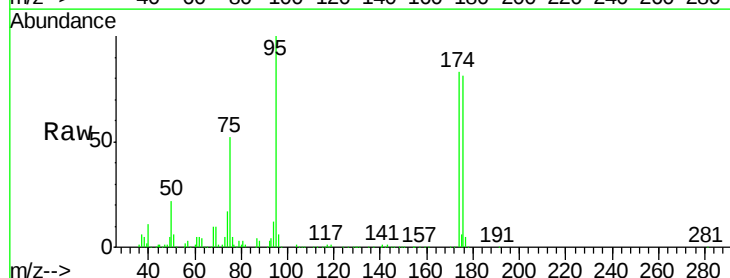
Tgt Ion: 75 Resp: 200598

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

150000

100000

50000

Time--> 12.30 12.40 12.50

