

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054591.D
 Acq On : 23 Mar 2019 7:23
 Operator : JC/SP
 Sample : K2045-17ME
 Misc : 5.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB444-190320-(14-16)ME

Quant Time: Mar 25 02:19:56 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

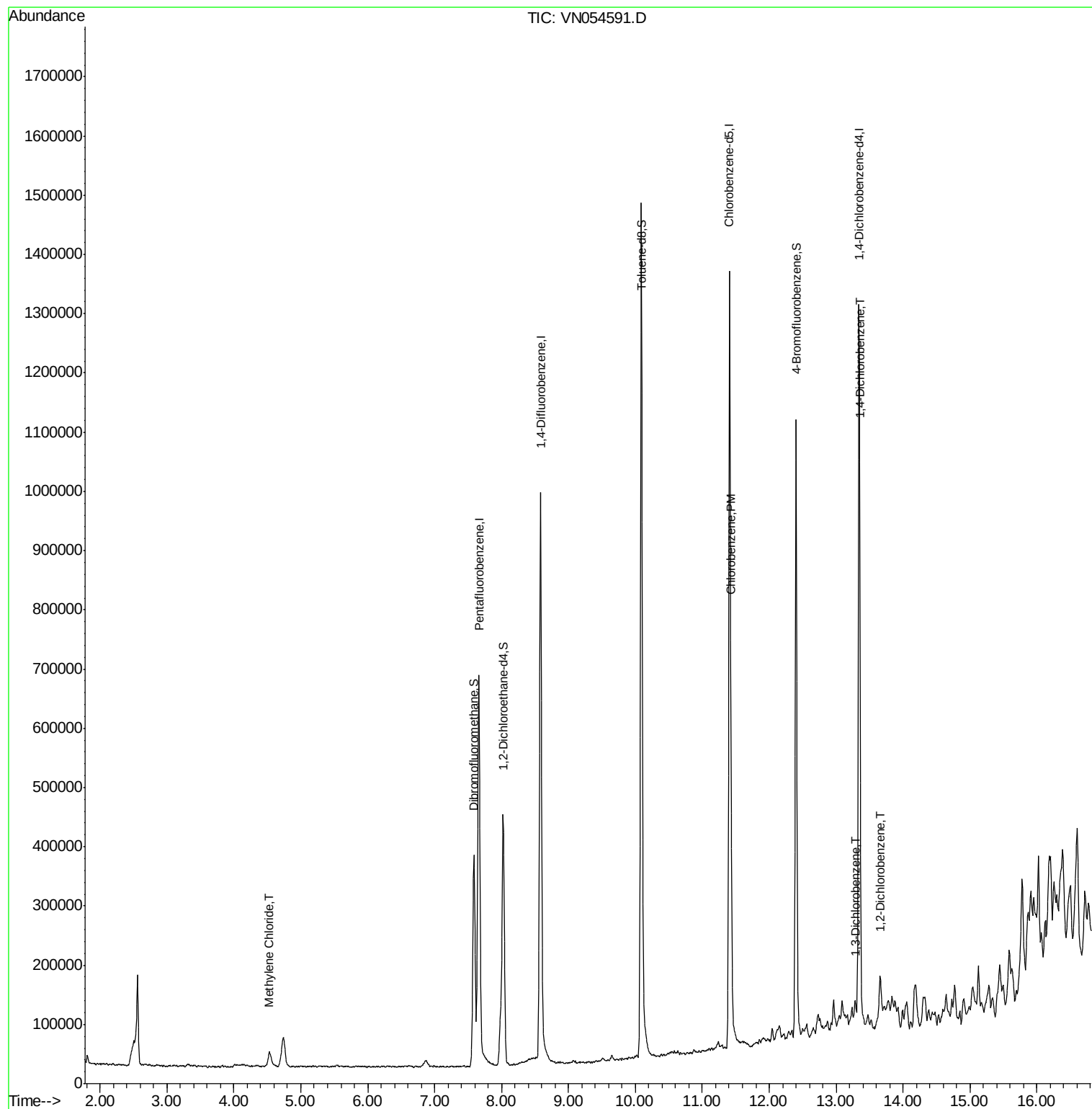
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	577876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	896109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	356445	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	262147	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	10.09	98	1080570	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	353158	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
20) Methylene Chloride	4.53	84	17525	2.751	ug/l #	84
65) Chlorobenzene	11.43	112	127580	8.165	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	8824	0.815	ug/l #	70
88) 1,4-Dichlorobenzene	13.36	146	26021	2.471	ug/l #	78
91) 1,2-Dichlorobenzene	13.65	146	18917	1.805	ug/l	88

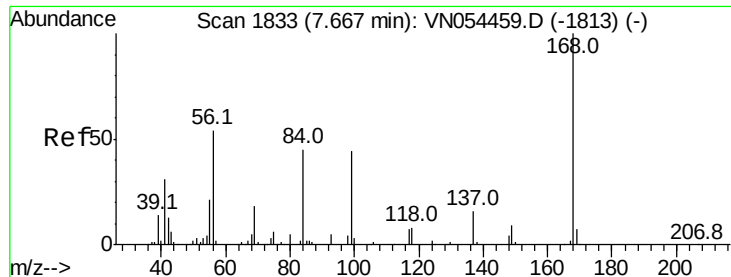
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Instrument :

MSVOA_N

ClientSampleId :

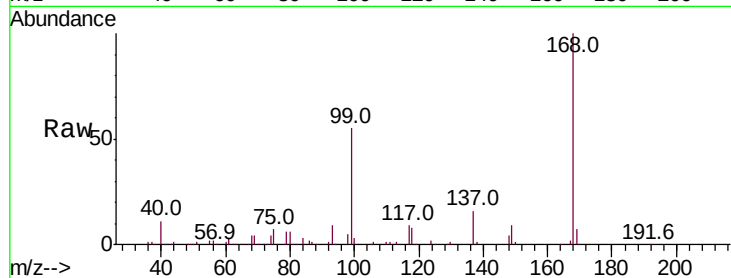
WP022SB444-190320-(14-16)ME

Tot Ion:168 Resp: 577876

Ion Ratio Lower Upper

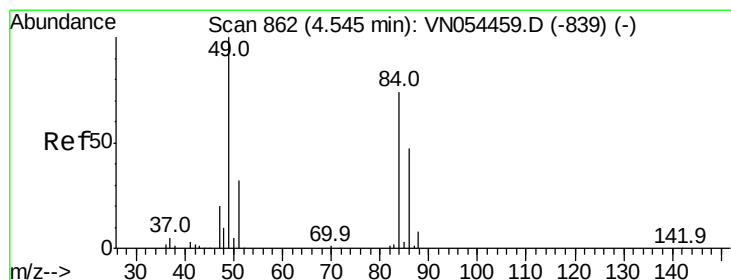
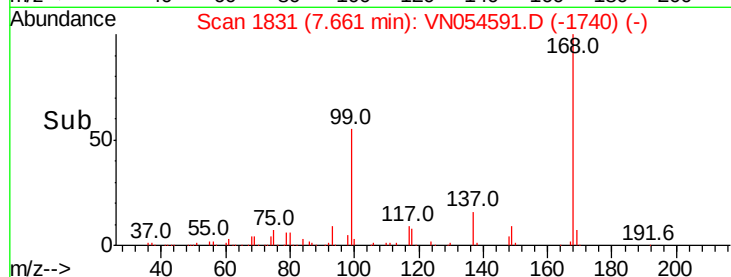
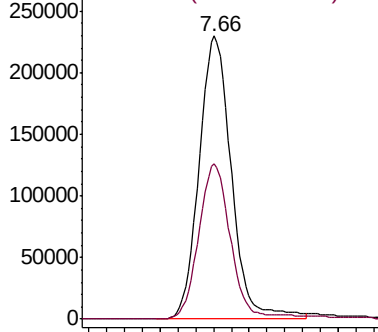
168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#20

Methylene Chloride

Concen: 2.751 ug/l

RT: 4.53 min Scan# 857

Delta R.T. -0.02 min

Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Tgt Ion: 84 Resp: 17525

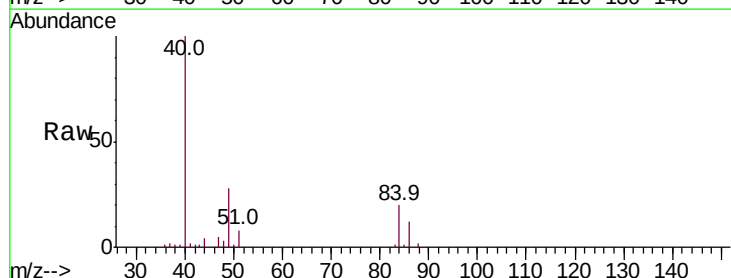
Ion Ratio Lower Upper

84 100

49 140.9 89.7 134.5#

51 41.8 28.2 42.4

86 63.2 50.8 76.2

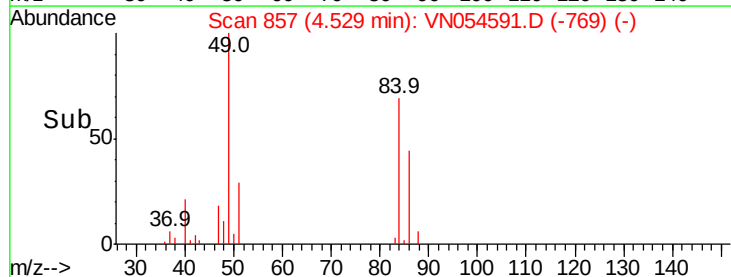
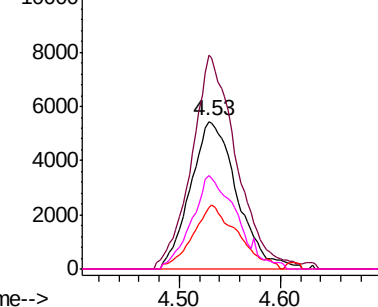


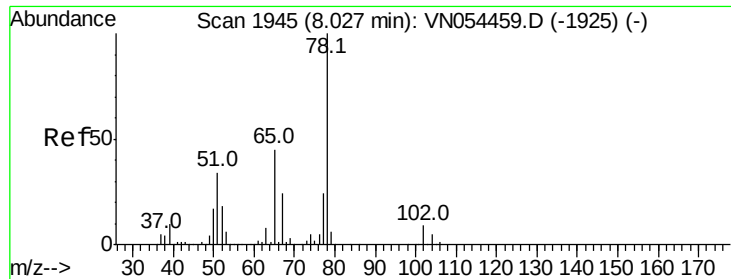
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

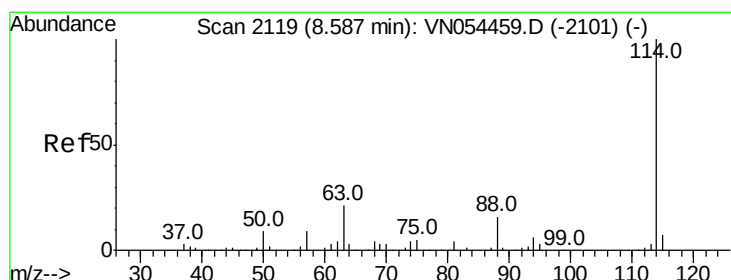
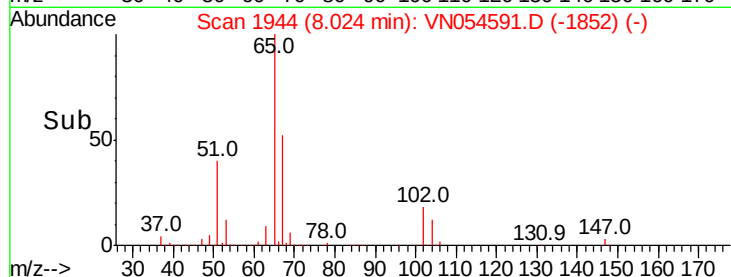
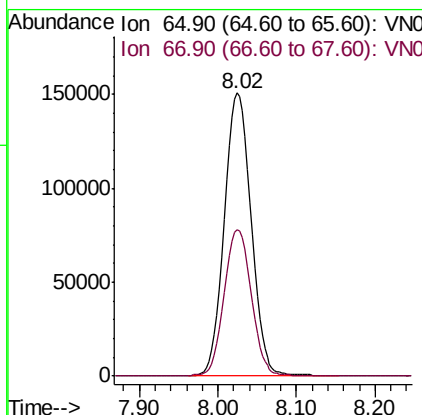
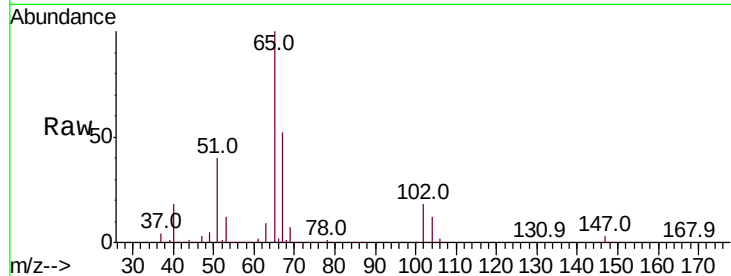




#33
 1,2-Dichloroethane-d4
 Concen: 49.590 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054591.D
 Acq: 23 Mar 2019 7:23

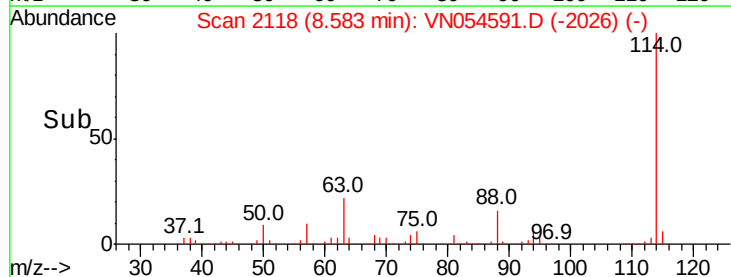
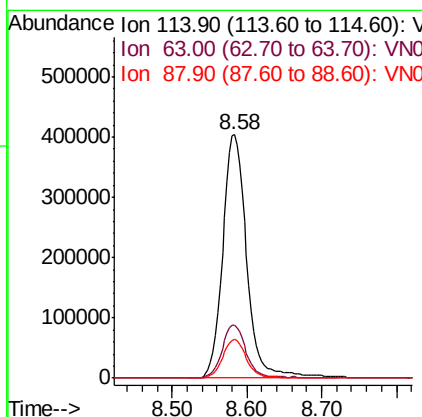
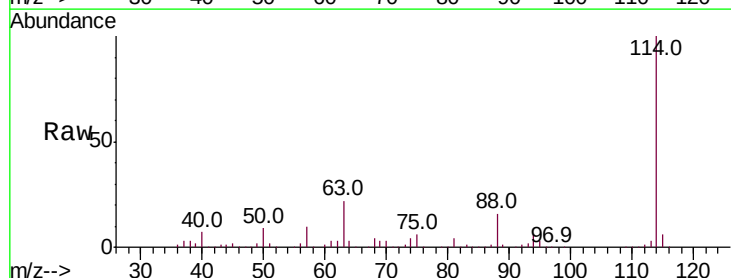
Instrument :
 MSVOA_N
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 WP022SB444-190320-(14-16)ME

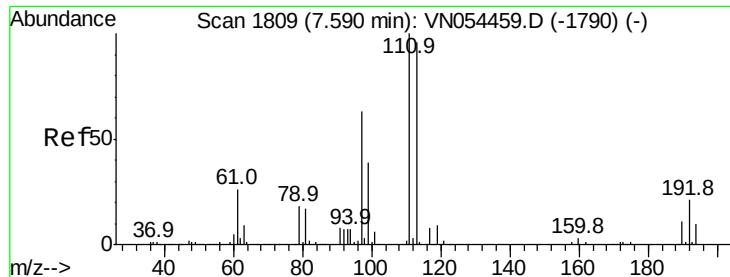
Tot Ion: 65 Resp: 356445
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054591.D
 Acq: 23 Mar 2019 7:23

Tgt Ion: 114 Resp: 896109
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 35.2
 88 15.9 0.0 30.2

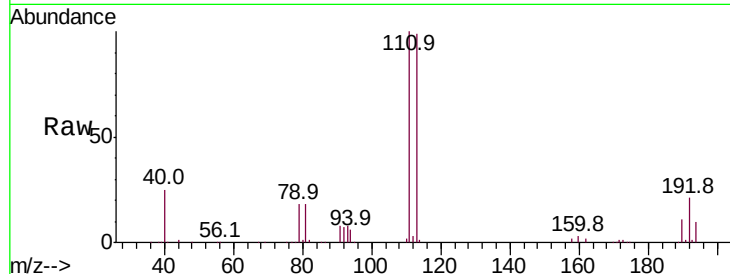




#35
 Dibromofluoromethane
 Concen: 45.408 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054591.D
 Acq: 23 Mar 2019 7:23

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB444-190320-(14-16)ME

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	20.8	19.2	28.8

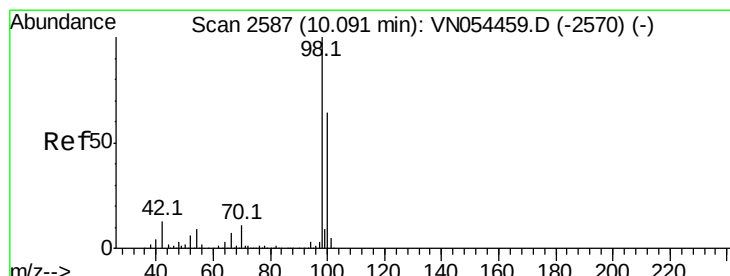
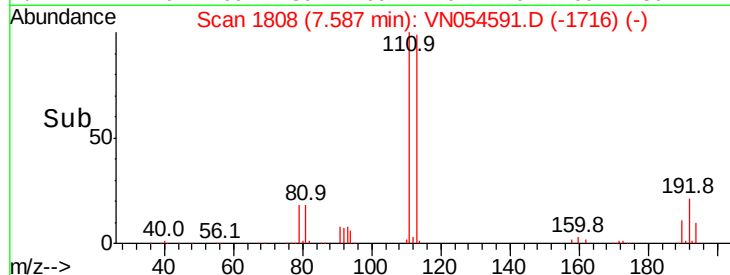
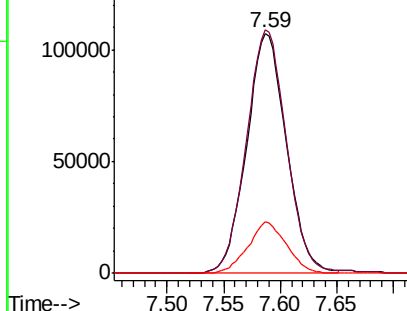


Abundance

Ion 112.80 (112.50 to 113.50): V

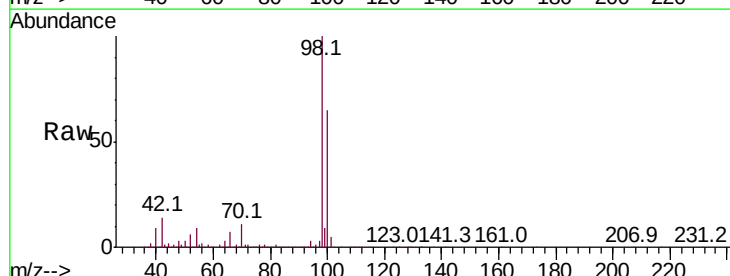
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 49.788 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN054591.D
 Acq: 23 Mar 2019 7:23

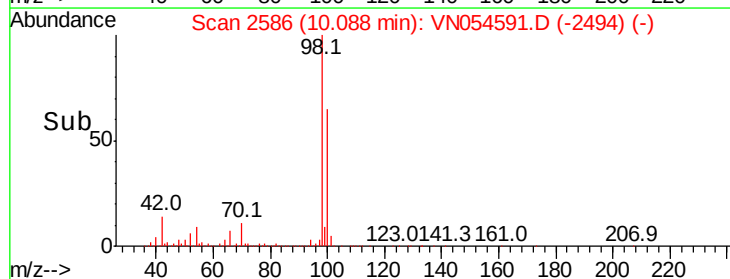
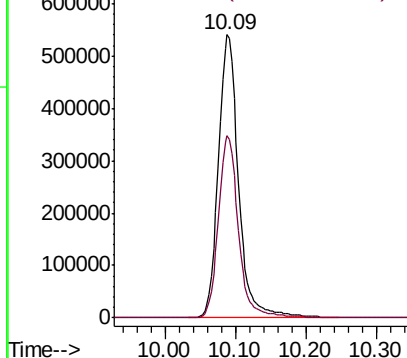
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

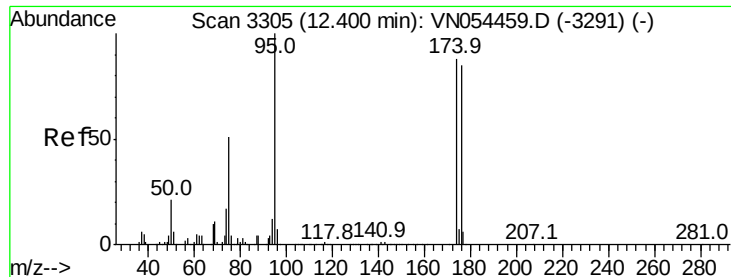


Abundance

Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.819 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Instrument :

MSVOA_N

ClientSampleId :

WP022SB444-190320-(14-16)ME

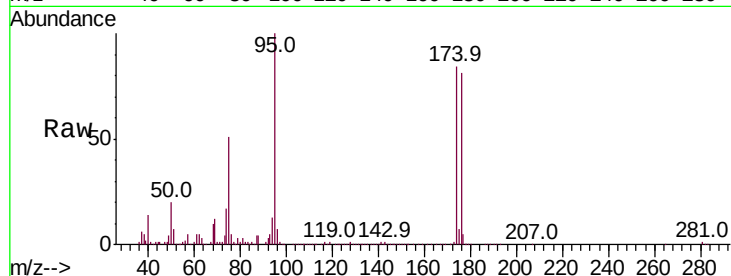
Tot Ion: 95 Resp: 353158

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40

250000

200000

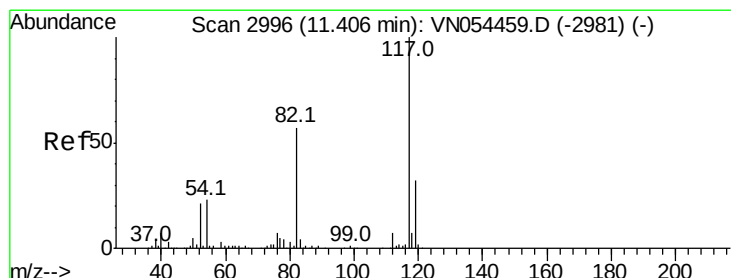
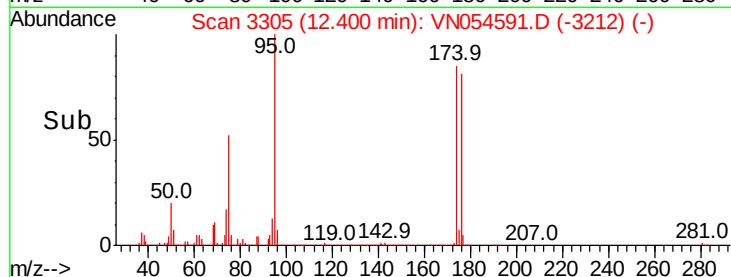
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

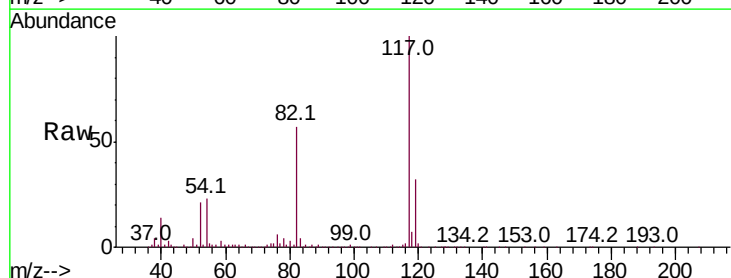
Tgt Ion: 117 Resp: 768214

Ion Ratio Lower Upper

117 100

82 57.1 40.0 60.0

119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41

500000

400000

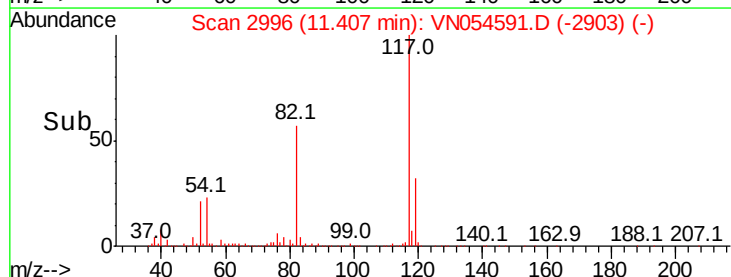
300000

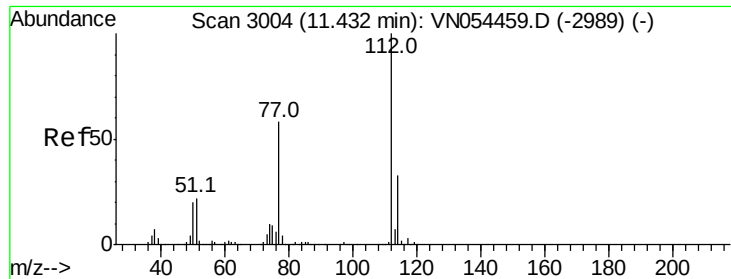
200000

100000

0

Time-->

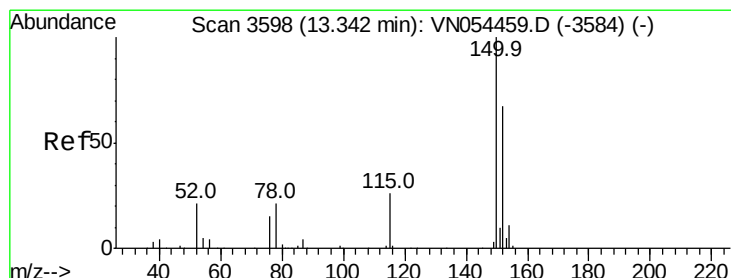
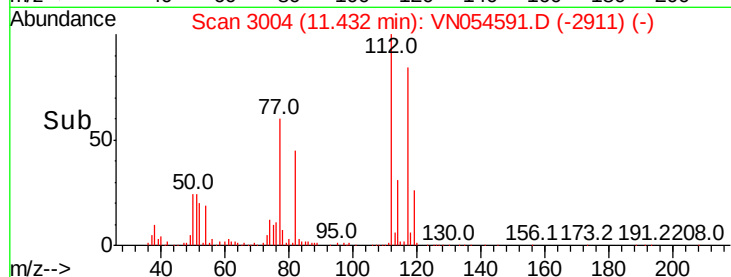
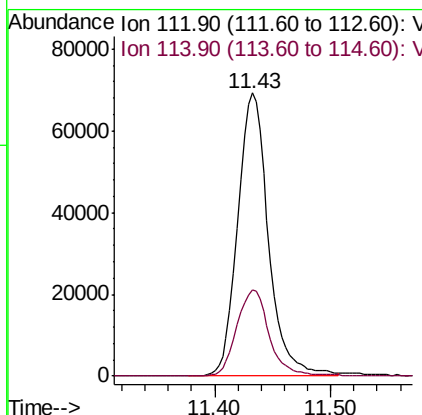
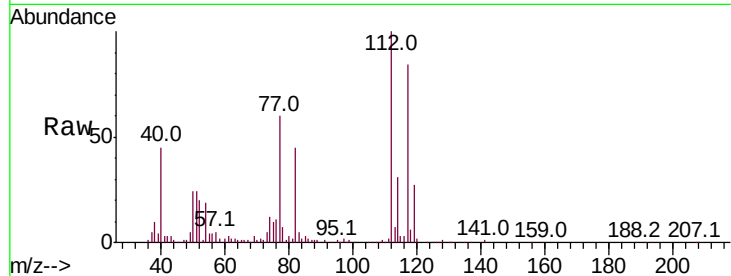




#65
Chlorobenzene
Concen: 8.165 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054591.D
Acq: 23 Mar 2019 7:23

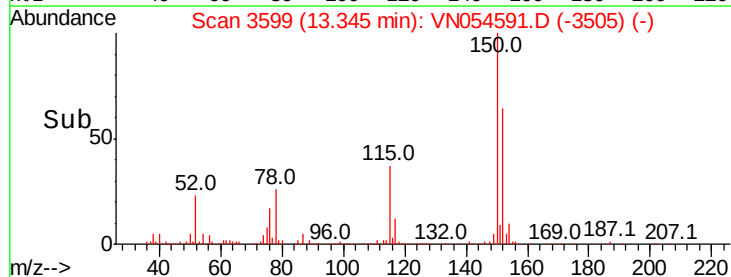
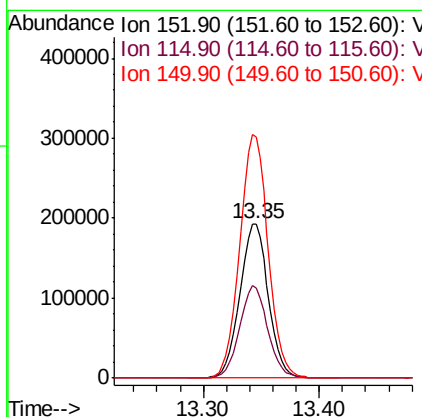
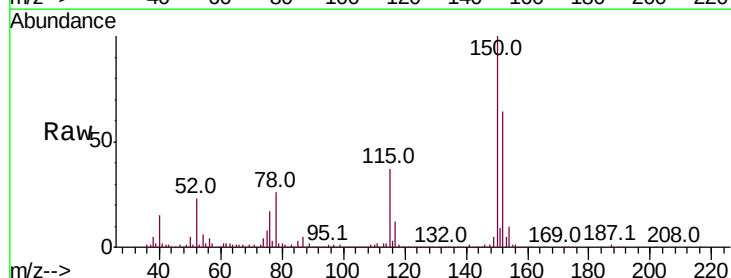
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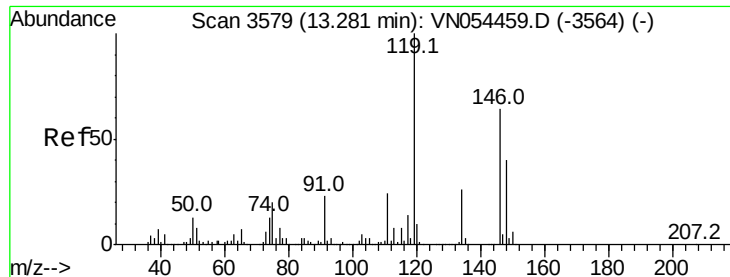
Tot Ion:112 Resp: 127580
Ion Ratio Lower Upper
112 100
114 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054591.D
Acq: 23 Mar 2019 7:23

Tgt Ion:152 Resp: 326760
Ion Ratio Lower Upper
152 100
115 58.5 27.2 81.6
150 156.8 0.0 349.2





#87

1,3-Dichlorobenzene

Concen: 0.815 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

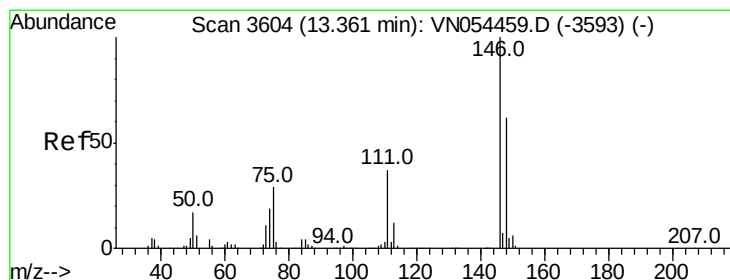
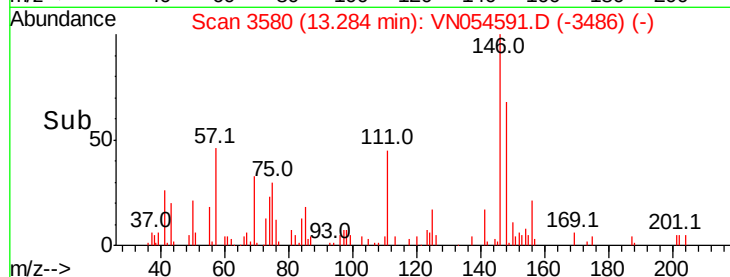
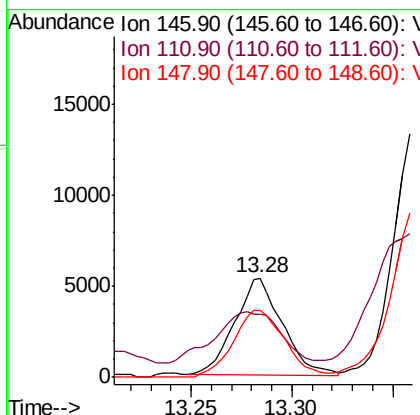
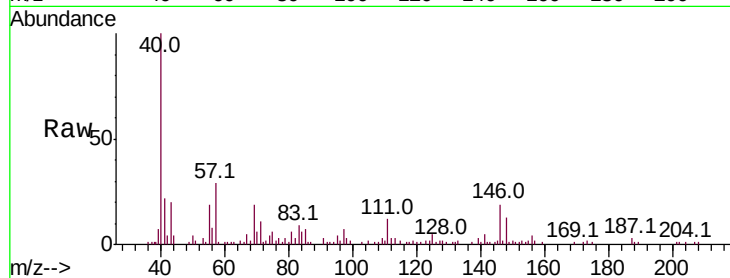
Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Instrument :
MSVOA_N
ClientSampleId :
WP022SB444-190320-(14-16)ME

Tot Ion:146 Resp: 8824

Ion	Ratio	Lower	Upper
146	100		
111	72.2	18.8	56.3#
148	74.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 2.471 ug/l

RT: 13.36 min Scan# 3604

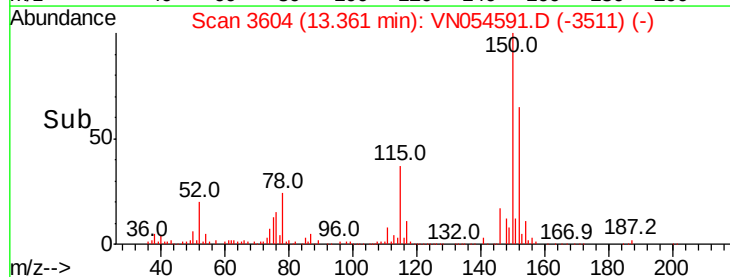
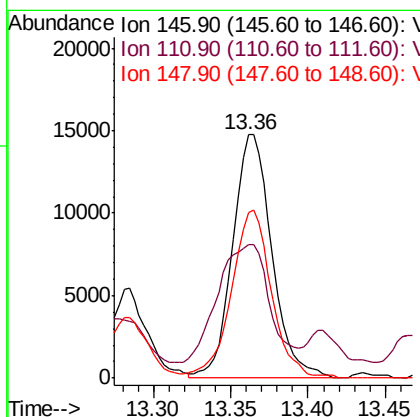
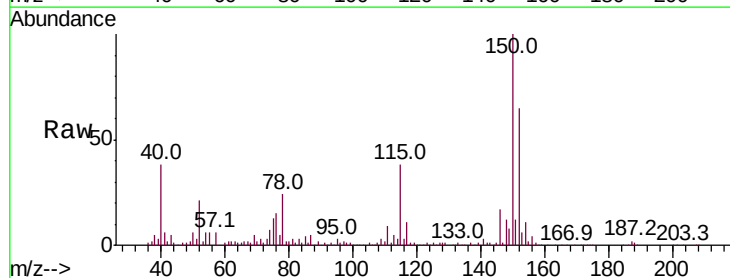
Delta R.T. 0.00 min

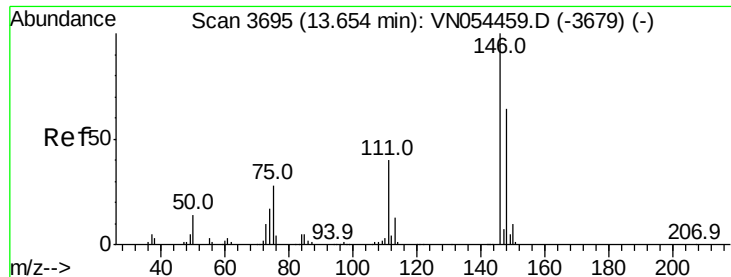
Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Tgt Ion:146 Resp: 26021

Ion	Ratio	Lower	Upper
146	100		
111	63.6	18.1	54.1#
148	70.5	32.0	96.0





#91

1,2-Dichlorobenzene

Concen: 1.805 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054591.D

Acq: 23 Mar 2019 7:23

Instrument :

MSVOA_N

ClientSampleId :

WP022SB444-190320-(14-16)ME

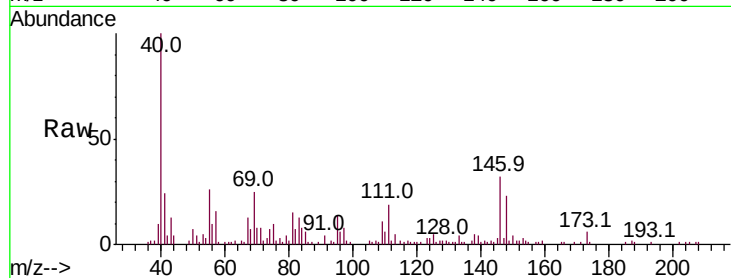
Tot Ion:146 Resp: 18917

Ion Ratio Lower Upper

146 100

111 56.0 19.1 57.3

148 65.4 32.4 97.0



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

