

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054626.D
 Acq On : 24 Mar 2019 2:03
 Operator : JC/SP
 Sample : K2043-02MEDL 10X
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-FD-(12-14)ME

Quant Time: Mar 25 05:20:45 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

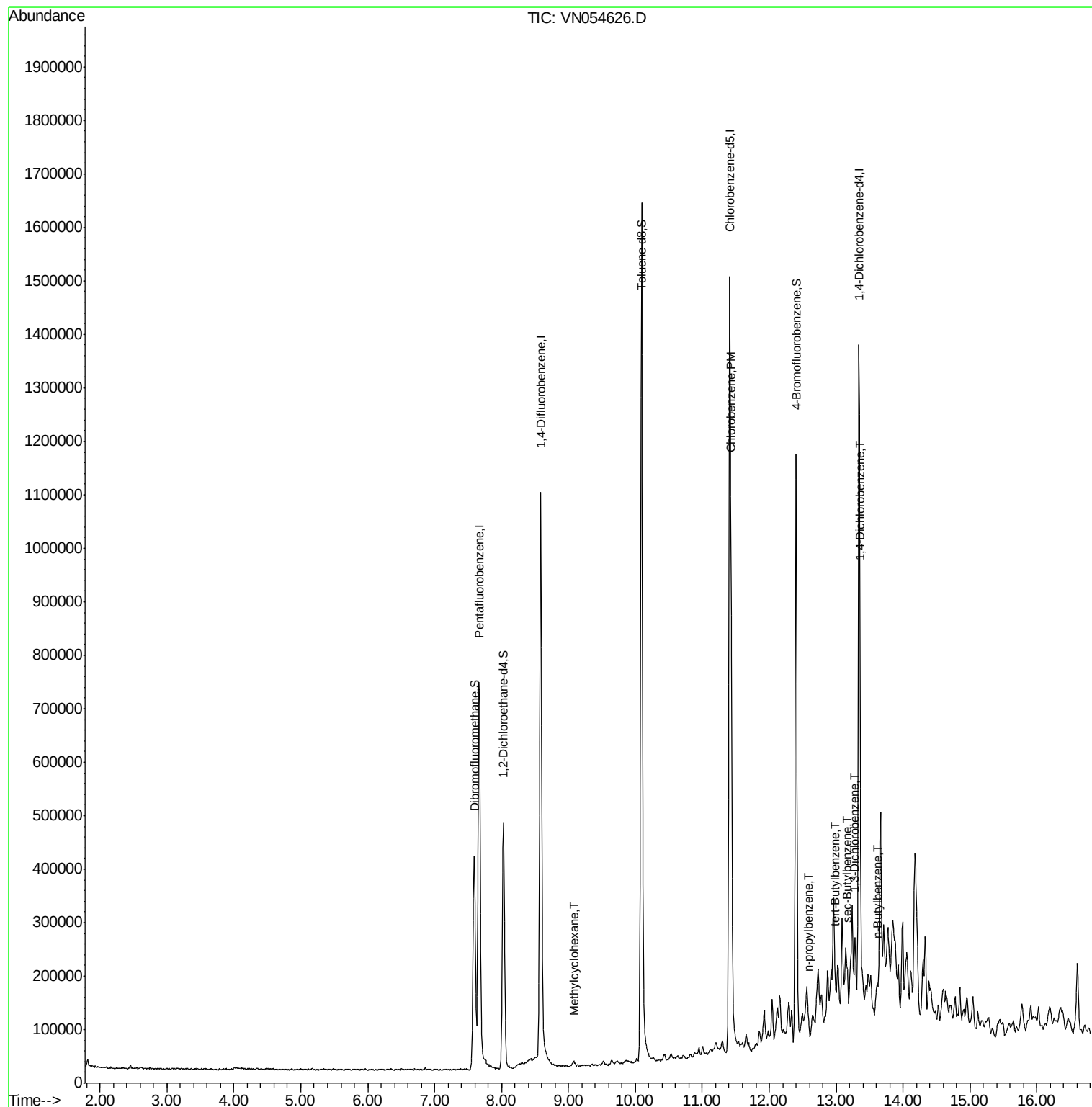
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	616799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	335688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	391561	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	302752	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1178819	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	380863	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	3412	0.327	ug/l #	88
65) Chlorobenzene	11.43	112	357211	21.118	ug/l	99
78) n-propylbenzene	12.59	91	11603	0.396	ug/l	96
83) tert-Butylbenzene	12.99	119	10732	0.556	ug/l	97
85) sec-Butylbenzene	13.17	105	17061	0.709	ug/l #	59
87) 1,3-Dichlorobenzene	13.28	146	24240	2.180	ug/l #	83
88) 1,4-Dichlorobenzene	13.36	146	29620	2.738	ug/l #	75
89) n-Butylbenzene	13.62	91	16530	0.982	ug/l	96

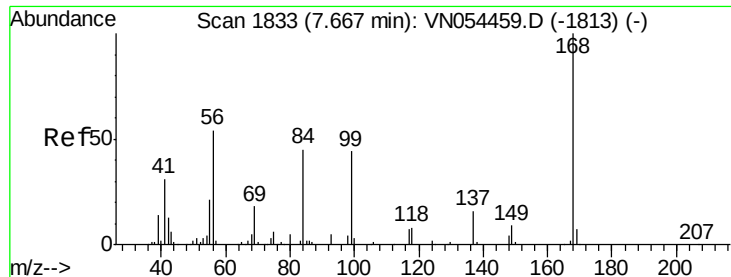
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032319\
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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# 1832

Delta R.T. -0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

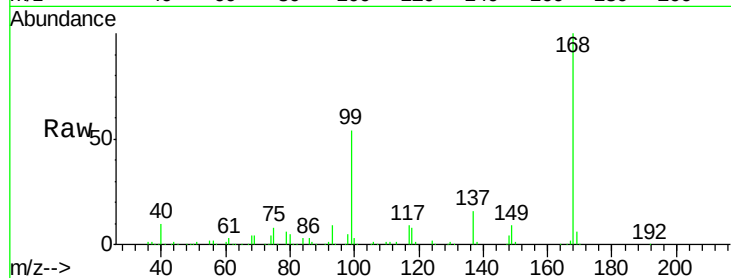
WP022SB442-190319-FD-(12-14)ME

Tot Ion:168 Resp: 616799

Ion Ratio Lower Upper

168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

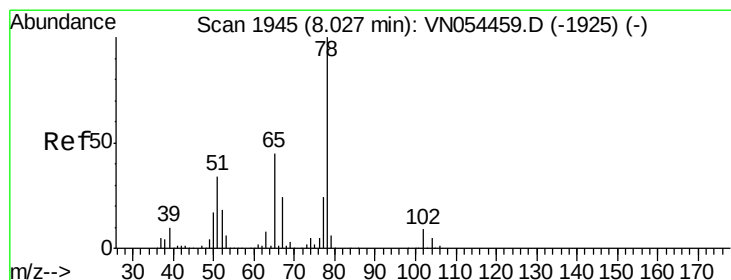
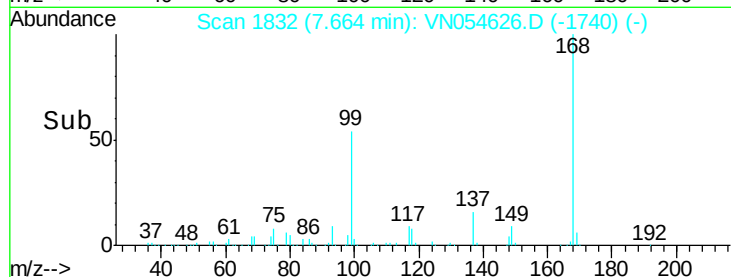
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.038 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054626.D

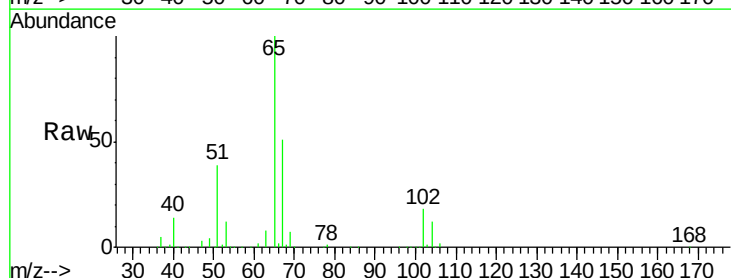
Acq: 24 Mar 2019 2:03

Tgt Ion: 65 Resp: 391561

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

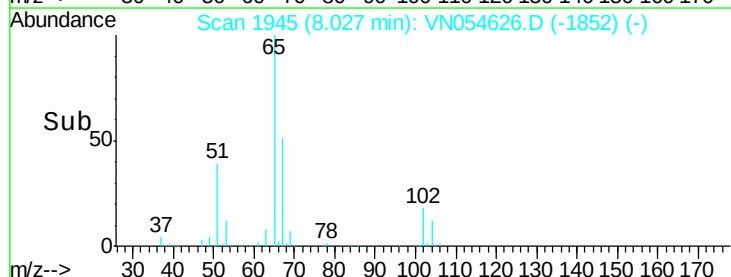
150000

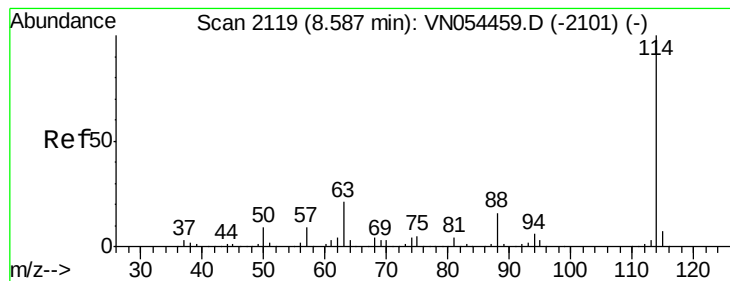
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-FD-(12-14)ME

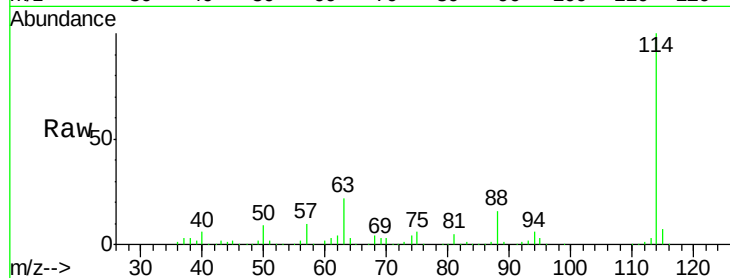
Tot Ion:114 Resp: 976982

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.2

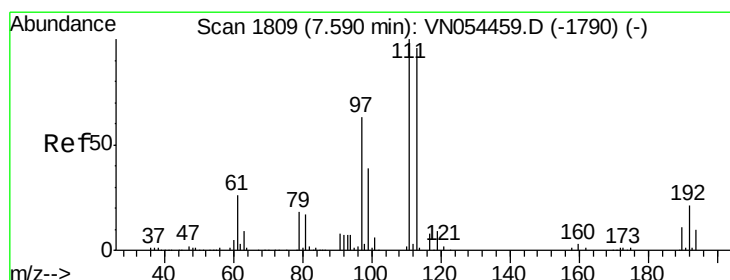
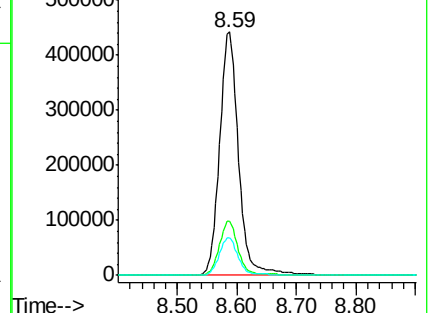
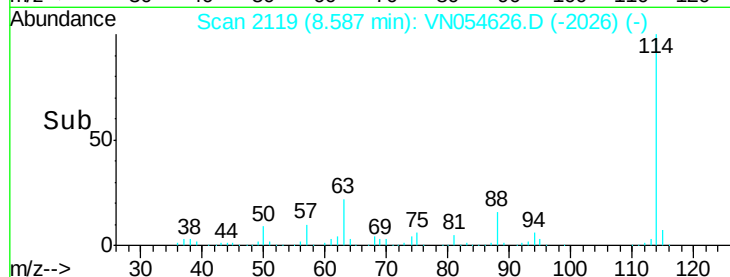
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.100 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

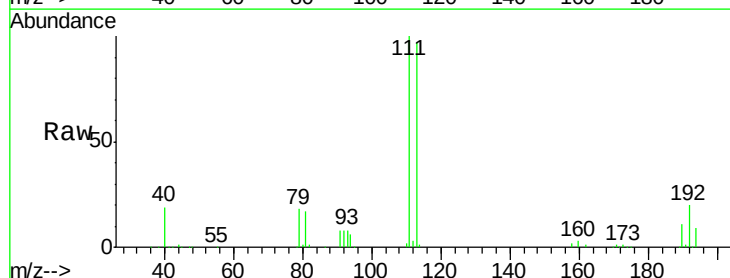
Tgt Ion:113 Resp: 302752

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

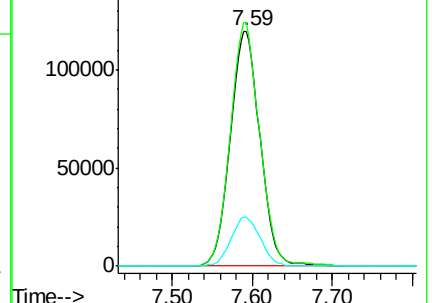
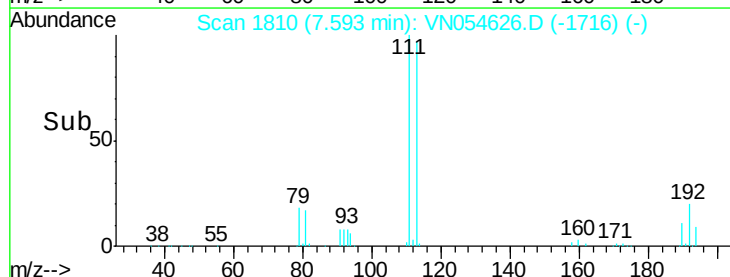
192 20.7 19.2 28.8

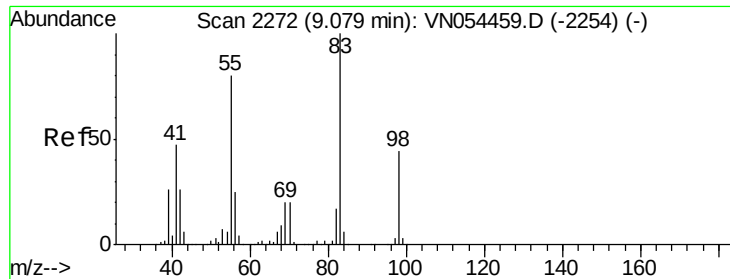


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

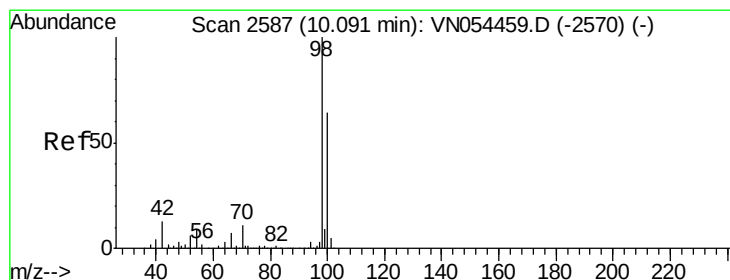
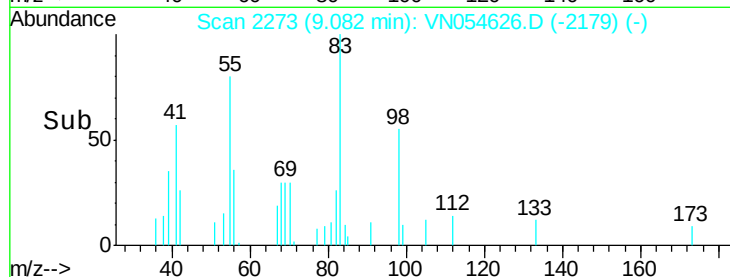
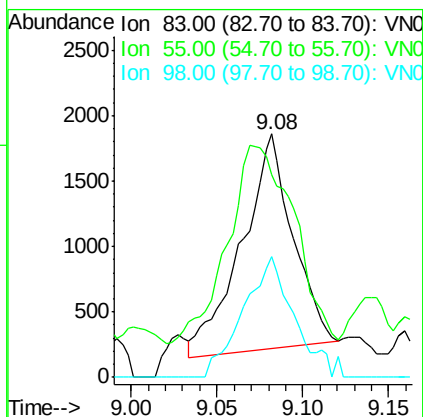
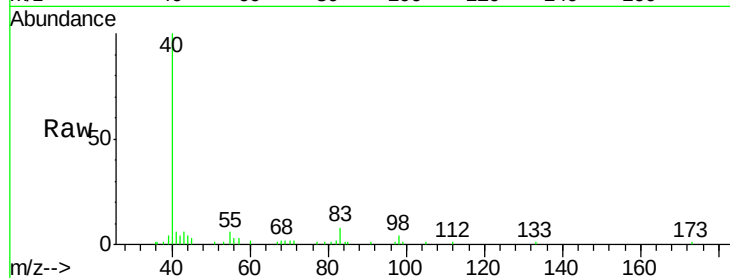




#39
Methylvlcyclohexane
Concen: 0.327 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

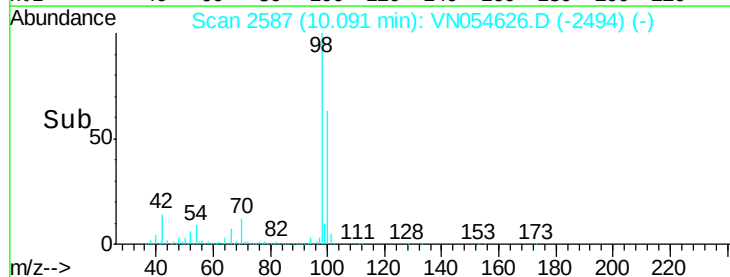
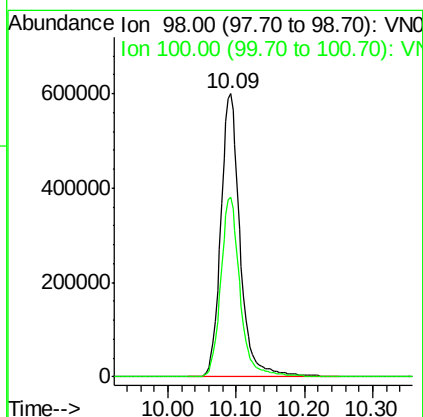
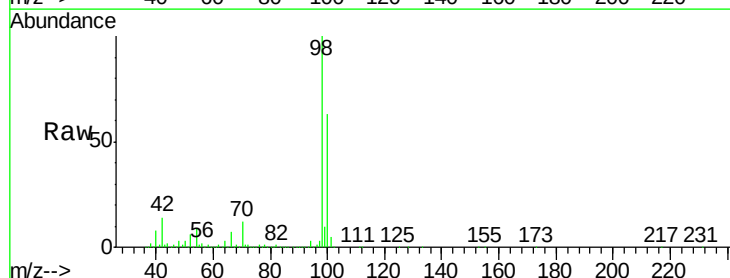
Instrument :
MSVOA_N
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WP022SB442-190319-FD-(12-14)ME

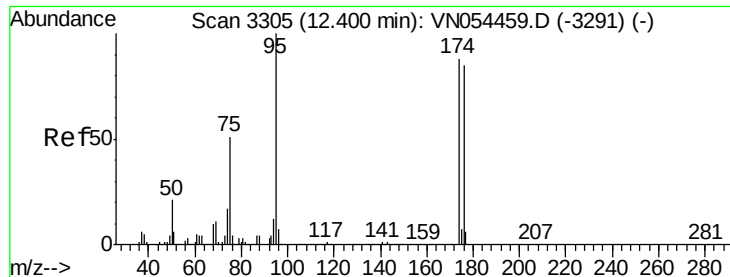
Tot Ion: 83 Resp: 3412
Ion Ratio Lower Upper
83 100
55 79.3 56.6 84.8
98 58.3 38.4 57.6#



#50
Toluene-d8
Concen: 49.818 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

Tgt Ion: 98 Resp: 1178819
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.301 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-FD-(12-14)ME

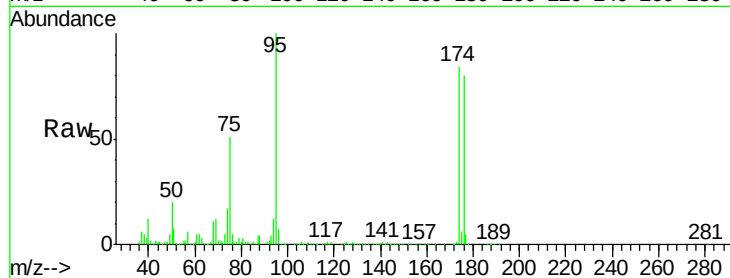
Tot Ion: 95 Resp: 380863

Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

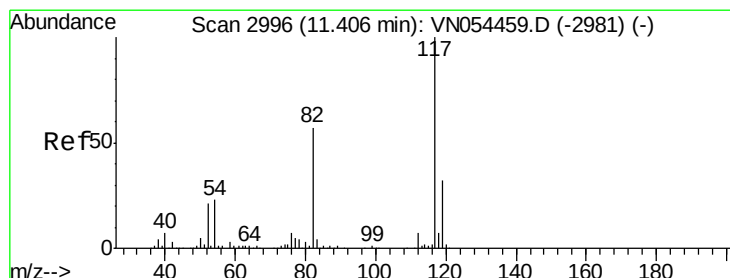
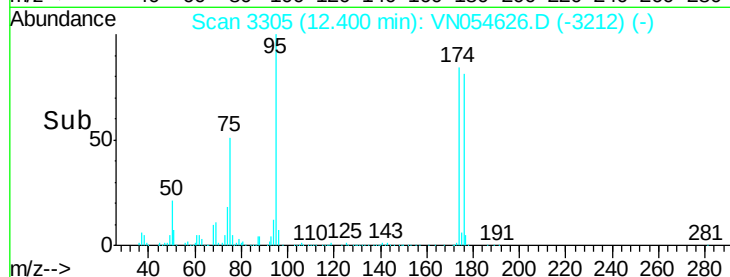
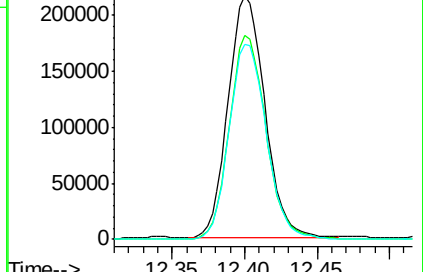
176 81.8 0.0 187.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

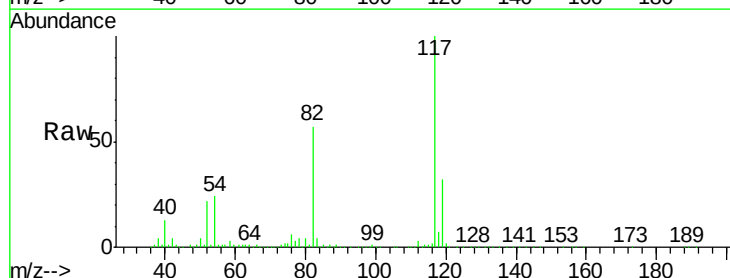
Tgt Ion: 117 Resp: 831643

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

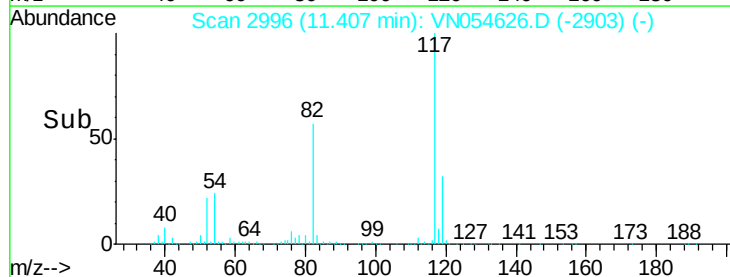
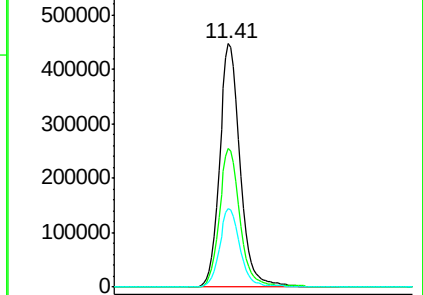
119 32.2 25.8 38.6

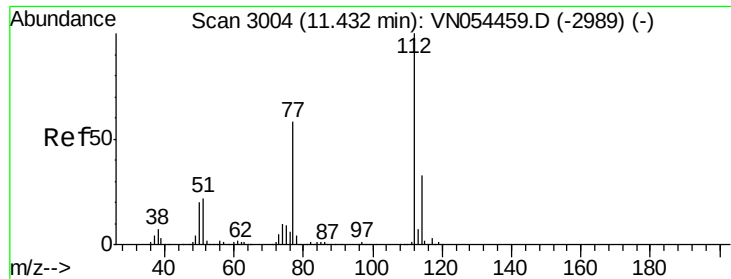


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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

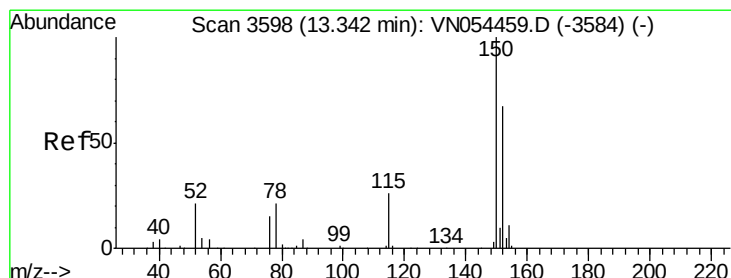
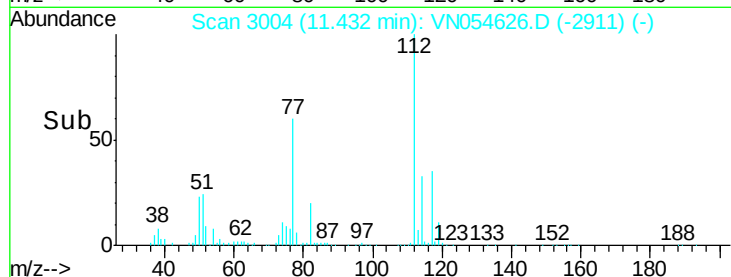
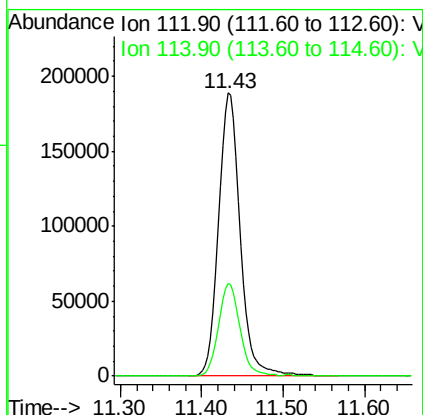
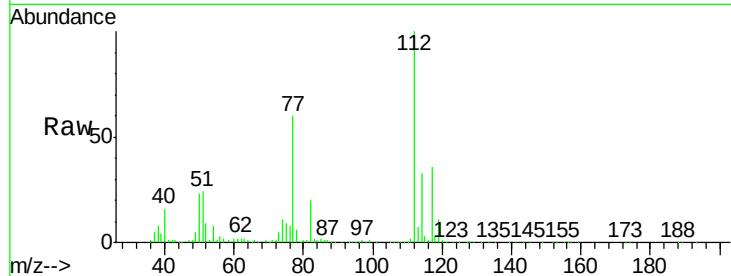




#65
Chlorobenzene
Concen: 21.118 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

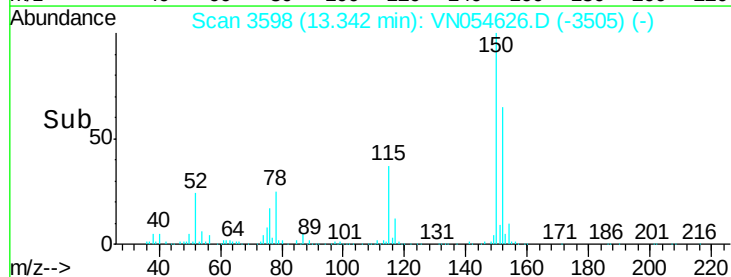
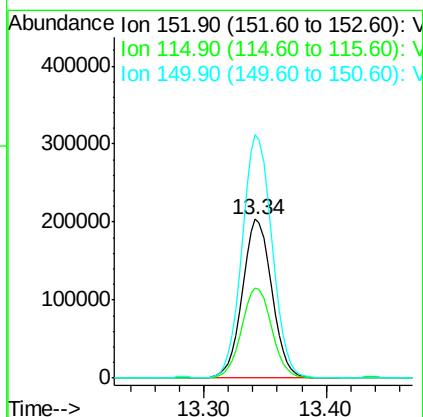
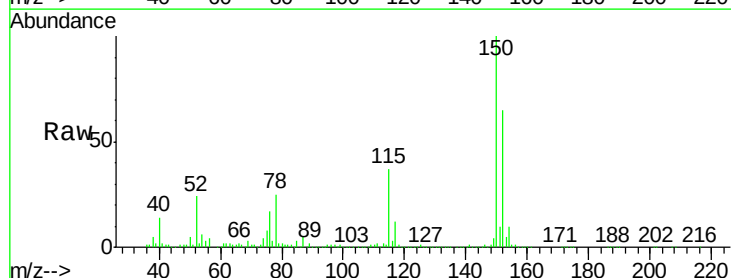
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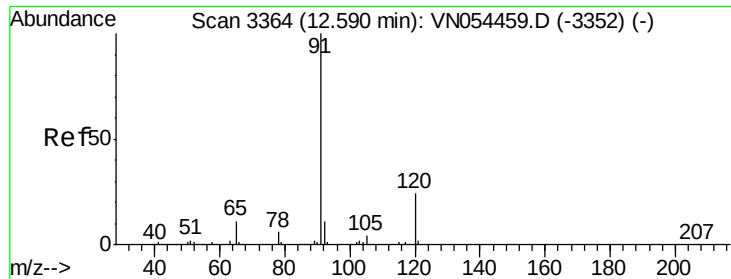
Tot Ion:112 Resp: 357211
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

Tgt Ion:152 Resp: 335688
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 155.6 0.0 349.2

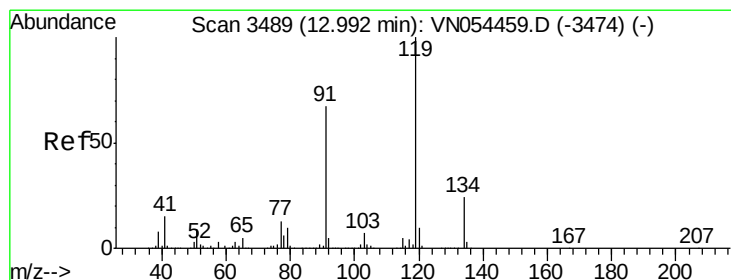
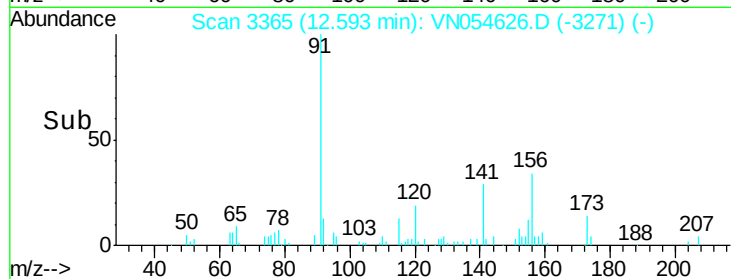
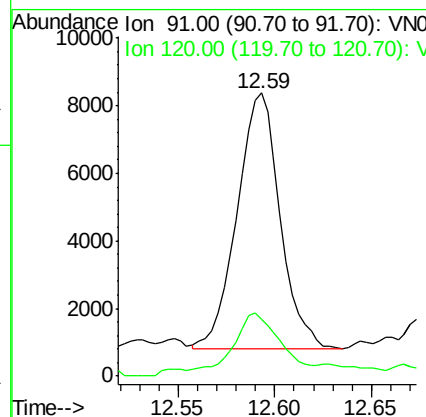
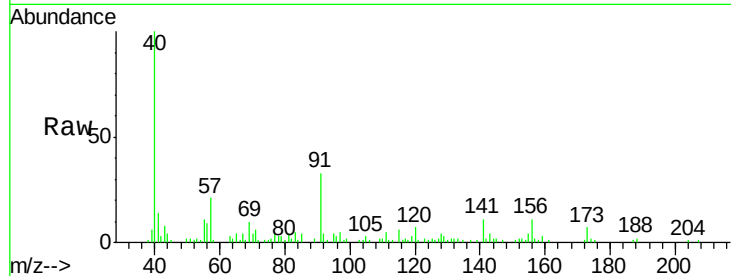




#78
n-propylbenzene
Concen: 0.396 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

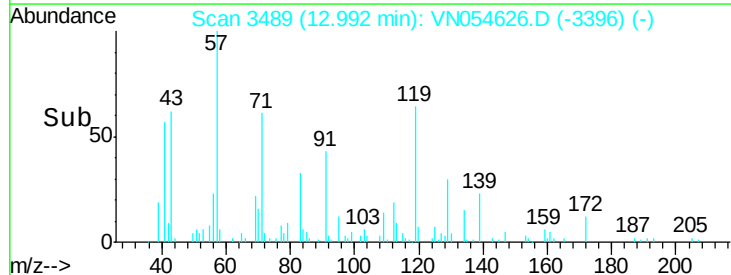
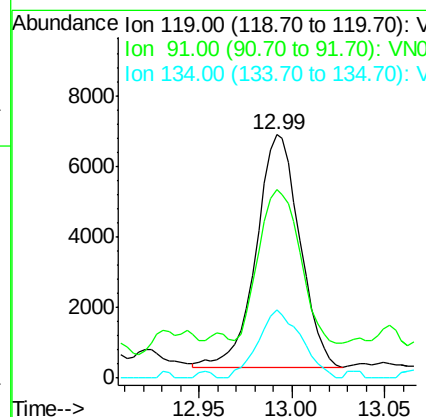
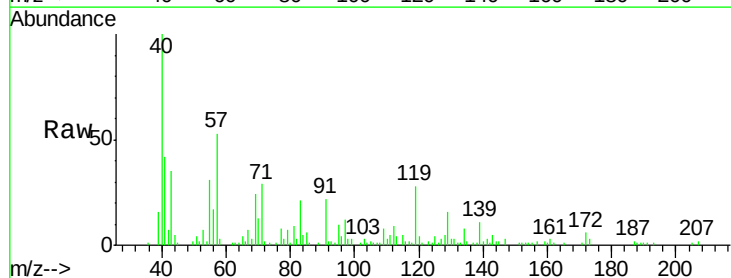
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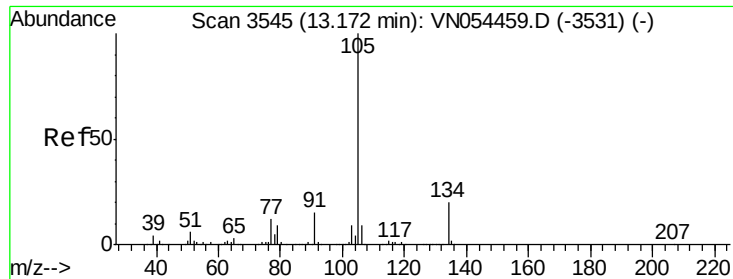
Tot Ion: 91 Resp: 11603
Ion Ratio Lower Upper
91 100
120 22.5 12.3 36.9



#83
tert-Butylbenzene
Concen: 0.556 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054626.D
Acq: 24 Mar 2019 2:03

Tgt Ion: 119 Resp: 10732
Ion Ratio Lower Upper
119 100
91 63.1 30.9 92.8
134 29.3 13.2 39.6





#85

sec-Butylbenzene

Concen: 0.709 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

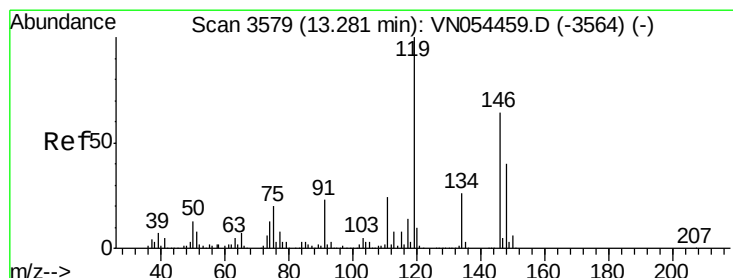
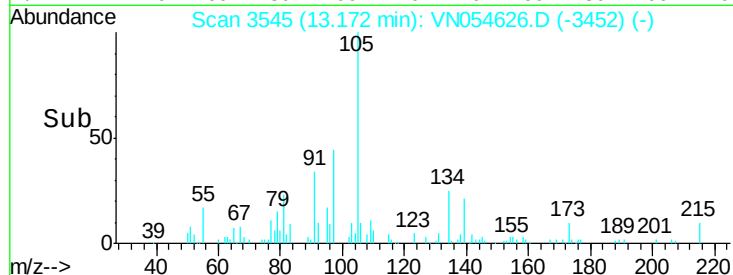
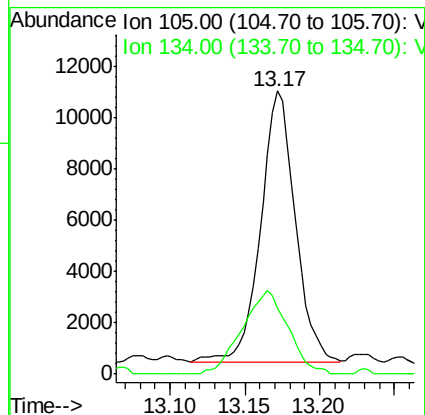
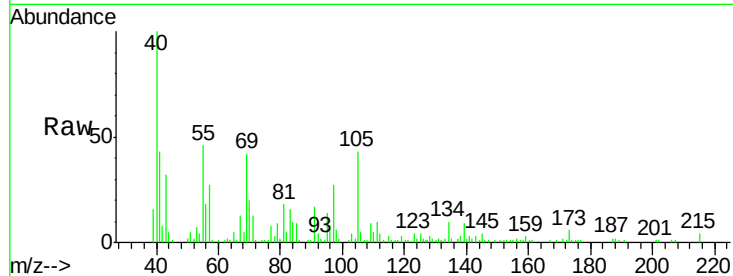
WP022SB442-190319-FD-(12-14)ME

Tot Ion:105 Resp: 17061

Ion Ratio Lower Upper

105 100

134 40.8 10.7 32.1#



#87

1,3-Dichlorobenzene

Concen: 2.180 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

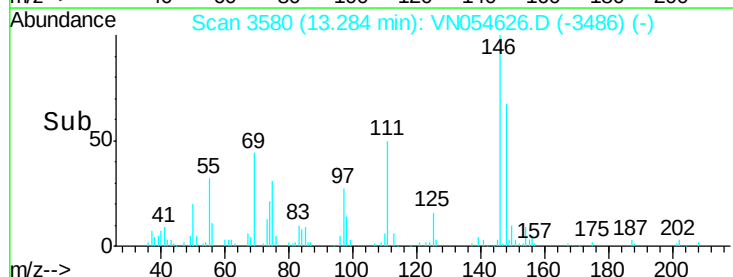
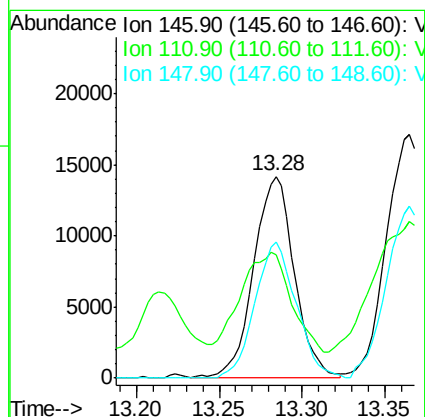
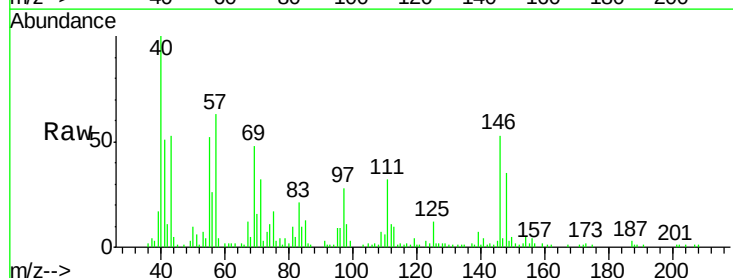
Tgt Ion:146 Resp: 24240

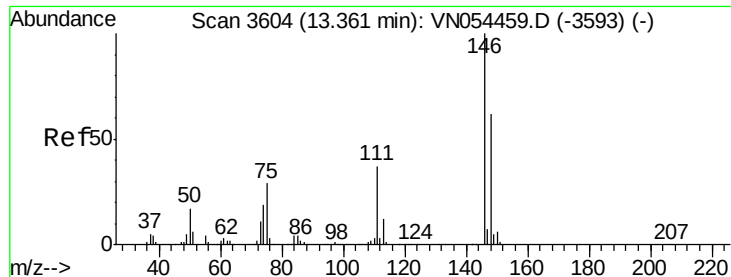
Ion Ratio Lower Upper

146 100

111 59.4 18.8 56.3#

148 68.3 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 2.738 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

Instrument :

MSVOA_N

ClientSampleId :

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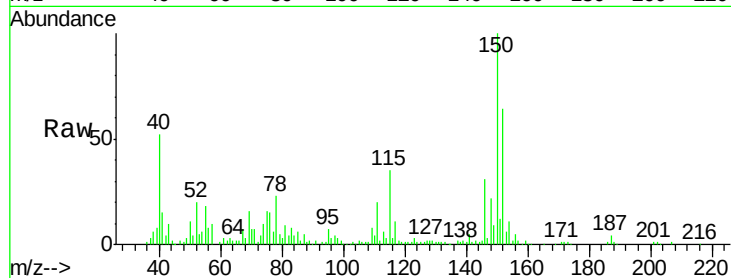
Tot Ion:146 Resp: 29620

Ion Ratio Lower Upper

146 100

111 70.1 18.1 54.1#

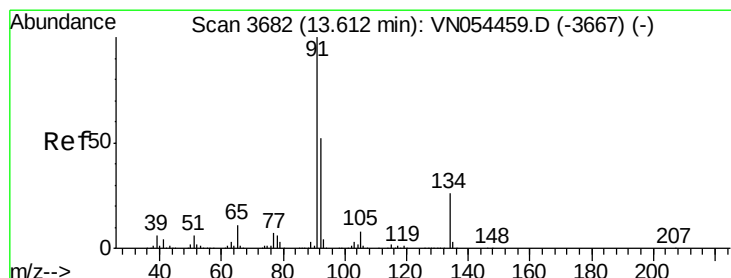
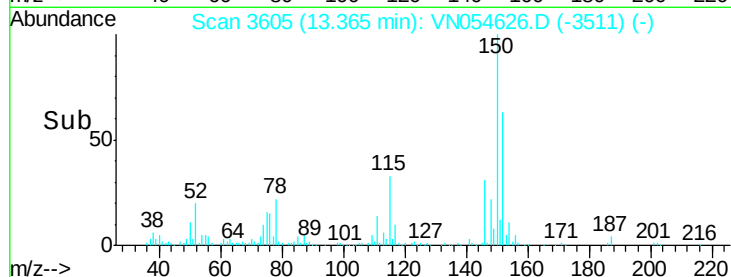
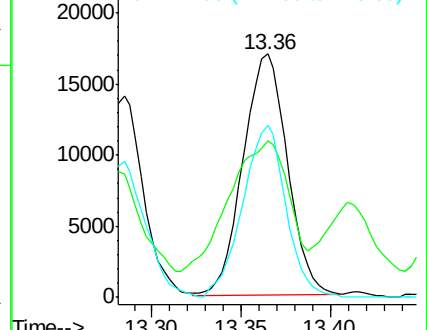
148 69.5 32.0 96.0



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



#89

n-Butylbenzene

Concen: 0.982 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054626.D

Acq: 24 Mar 2019 2:03

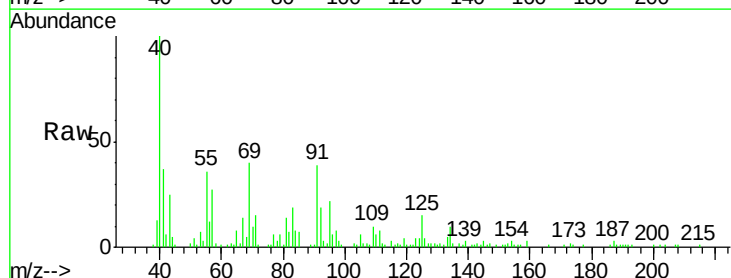
Tgt Ion: 91 Resp: 16530

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

134 23.0 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

