

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054624.D
 Acq On : 24 Mar 2019 1:08
 Operator : JC/SP
 Sample : K2043-01MEDL 10X
 Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(12-14)MEDL

Quant Time: Mar 25 05:15:23 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

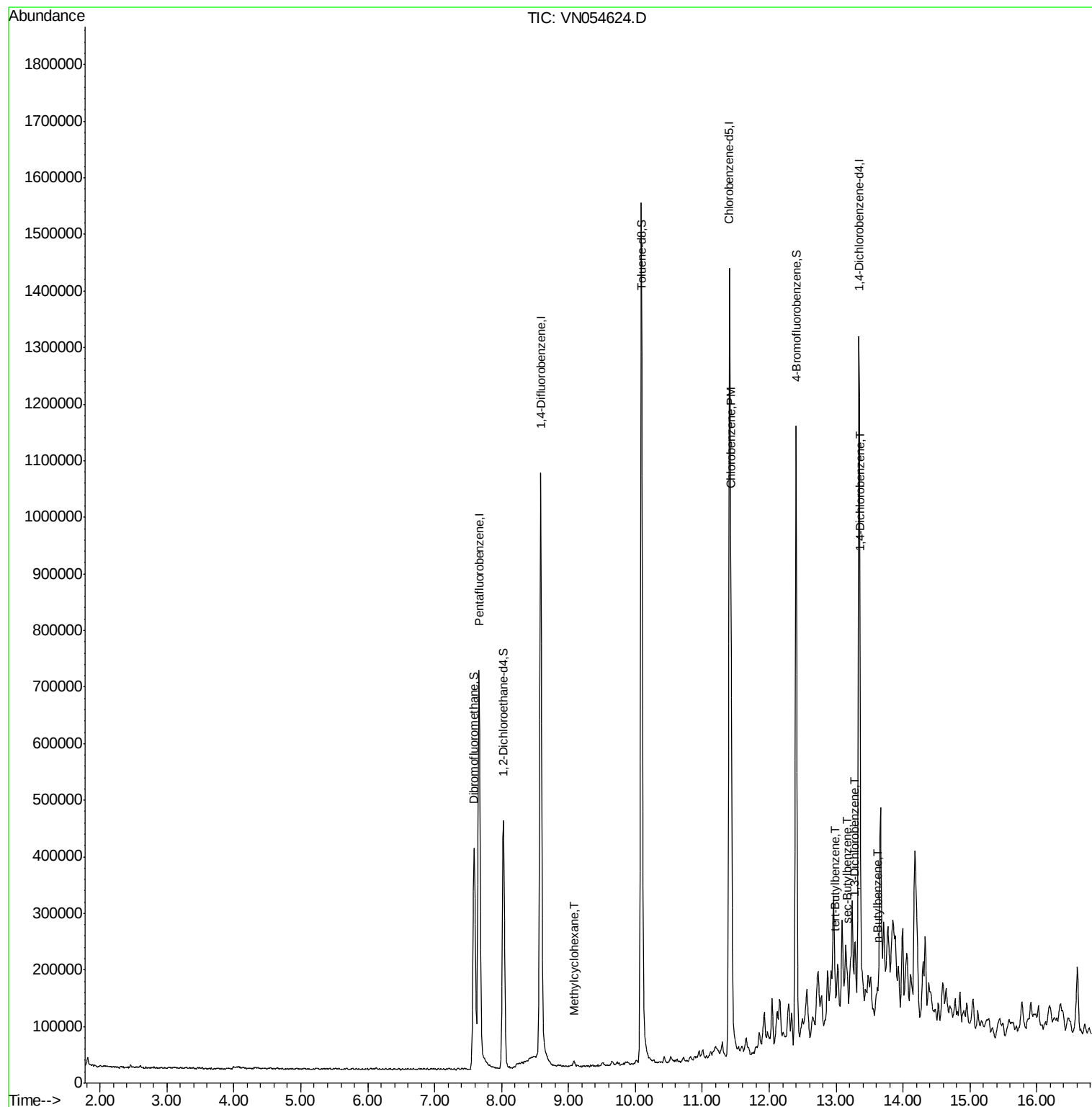
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	600013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	948616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	814158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	320121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	380028	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.59	113	294599	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.09	98	1141813	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.40	95	368243	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	4339	0.428	ug/l #	91
65) Chlorobenzene	11.43	112	295946	17.872	ug/l	99
83) tert-Butylbenzene	12.99	119	8880	0.483	ug/l	77
85) sec-Butylbenzene	13.17	105	14197	0.619	ug/l #	53
87) 1,3-Dichlorobenzene	13.28	146	19177	1.809	ug/l #	82
88) 1,4-Dichlorobenzene	13.36	146	24410	2.366	ug/l #	72
89) n-Butylbenzene	13.62	91	14218	0.886	ug/l	98

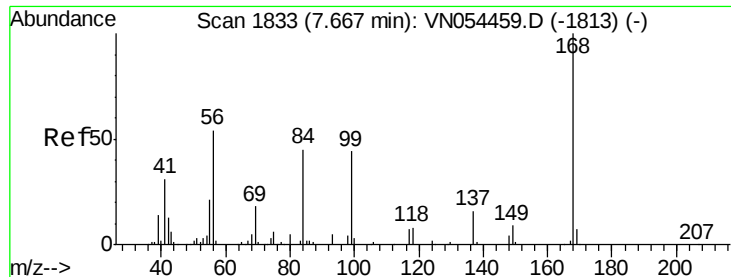
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN054624.D

Acq: 24 Mar 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

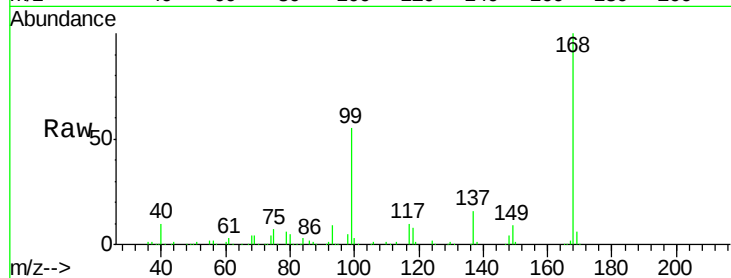
WP022SB442-190319-(12-14)MEDL

Tot Ion:168 Resp: 600013

Ion Ratio Lower Upper

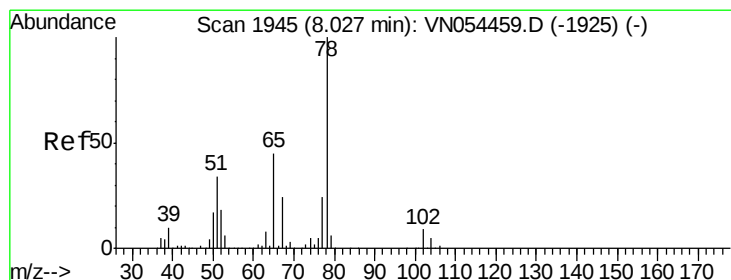
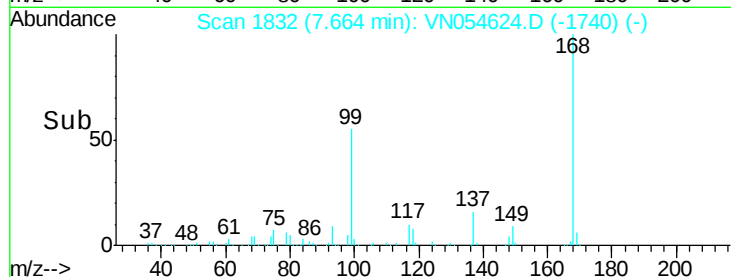
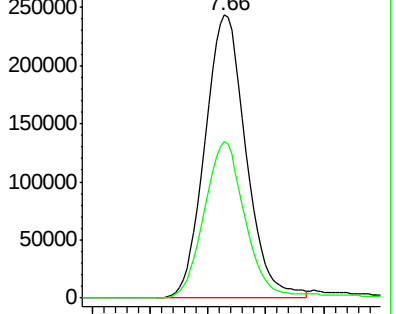
168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.920 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054624.D

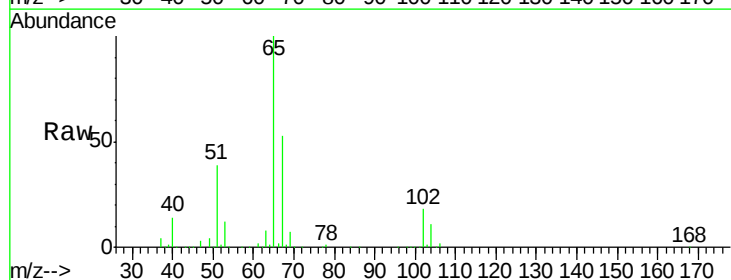
Acq: 24 Mar 2019 1:08

Tgt Ion: 65 Resp: 380028

Ion Ratio Lower Upper

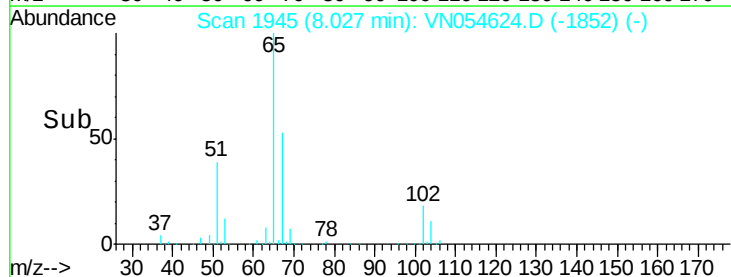
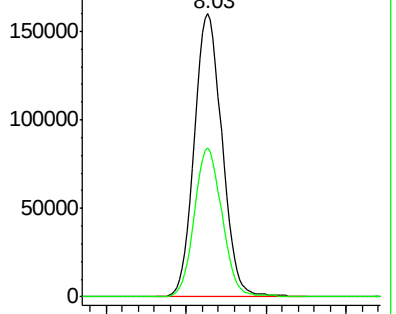
65 100

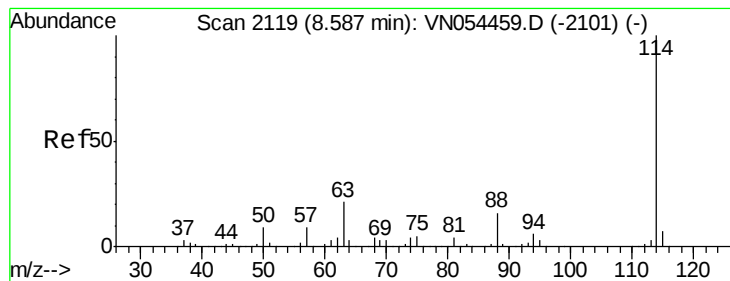
67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054624.D

Acq: 24 Mar 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

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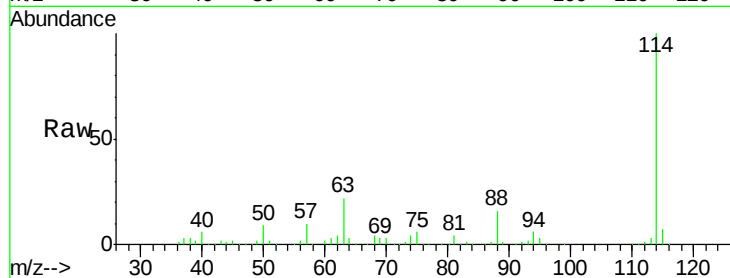
Tot Ion:114 Resp: 948616

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

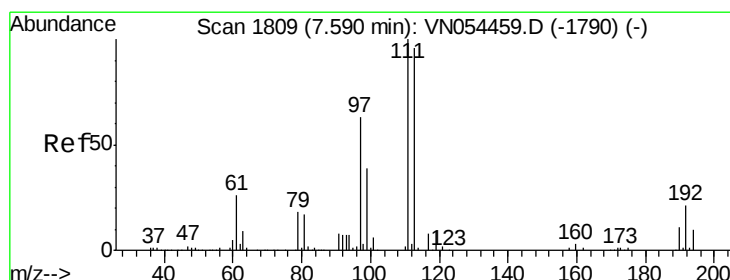
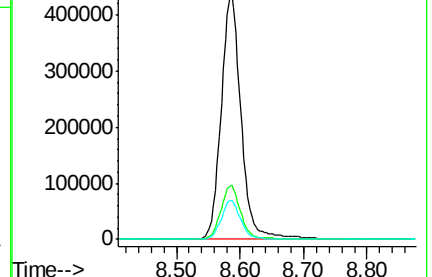
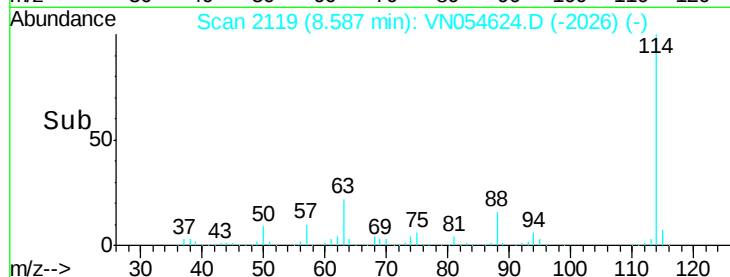
88 15.8 0.0 30.2



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: 48.204 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054624.D

Acq: 24 Mar 2019 1:08

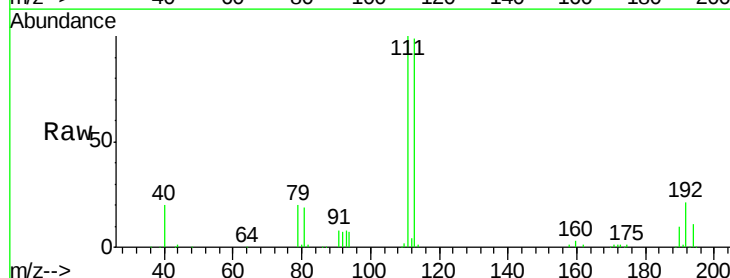
Tgt Ion:113 Resp: 294599

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

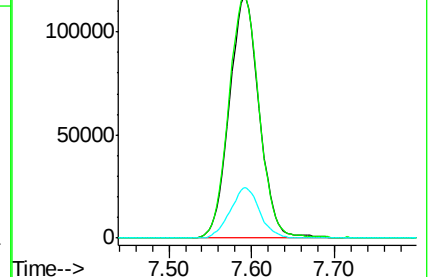
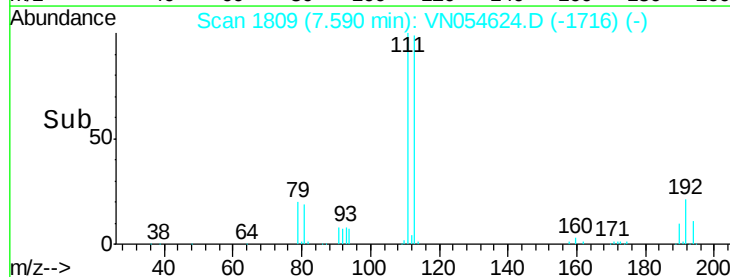
192 20.6 19.2 28.8

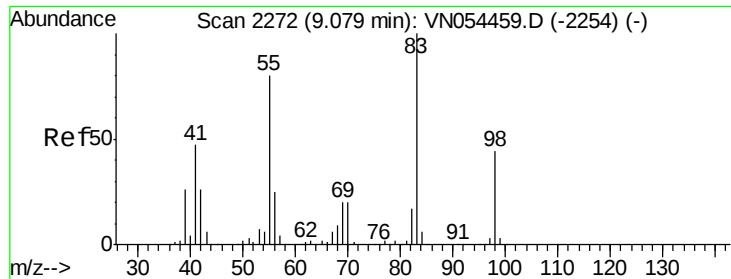


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

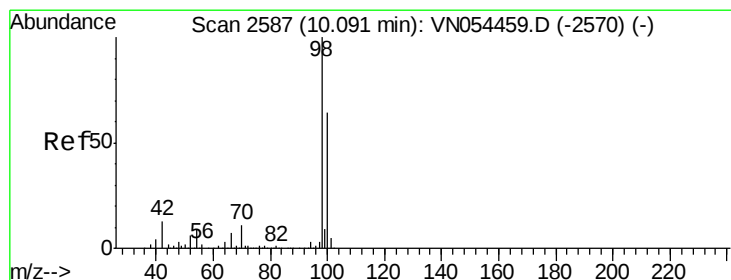
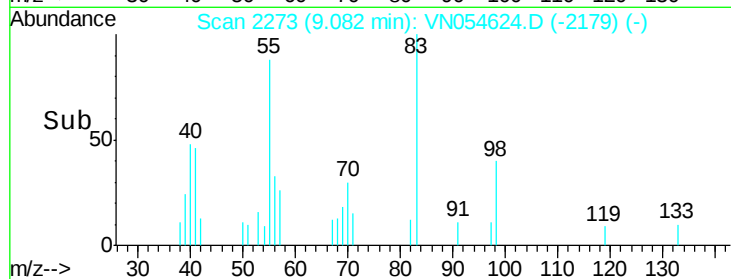
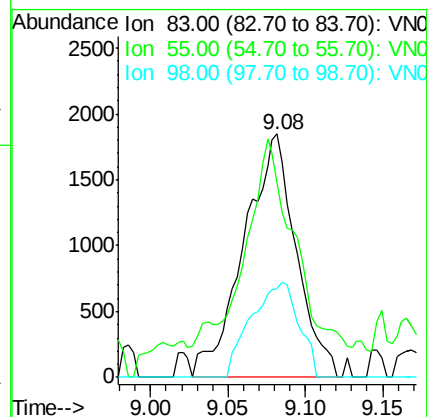
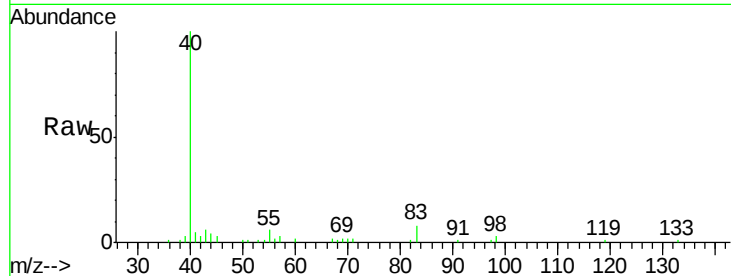




#39
Methvlcvclohexane
Concen: 0.428 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

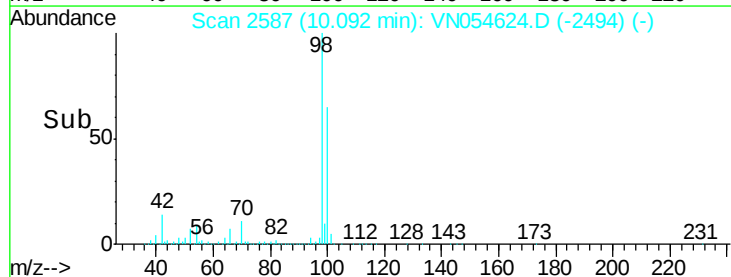
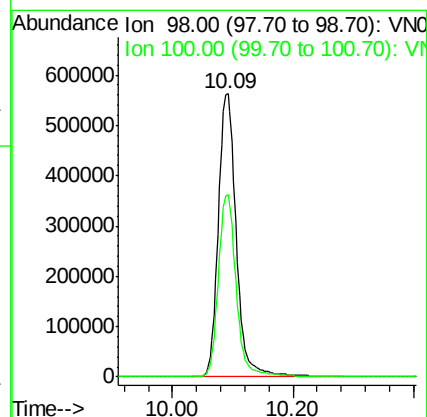
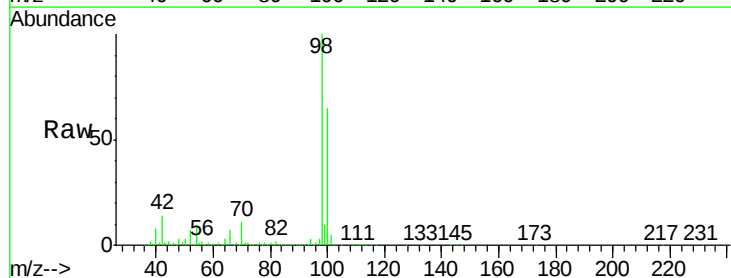
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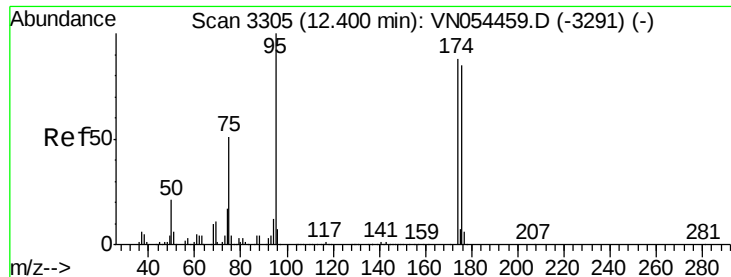
Tot Ion: 83 Resp: 4339
Ion Ratio Lower Upper
83 100
55 67.2 56.6 84.8
98 36.3 38.4 57.6#



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

Tgt Ion: 98 Resp: 1141813
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.101 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054624.D

Acq: 24 Mar 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(12-14)MEDL

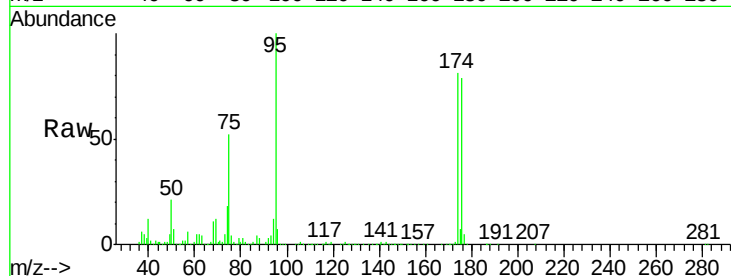
Tot Ion: 95 Resp: 368243

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

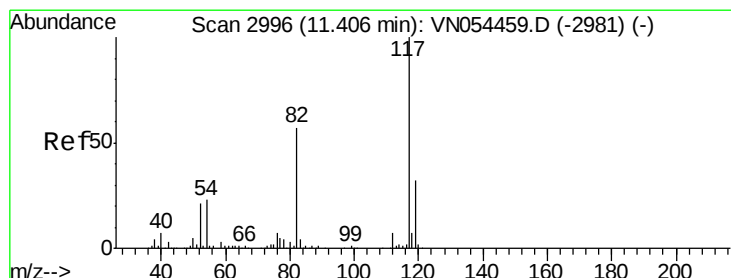
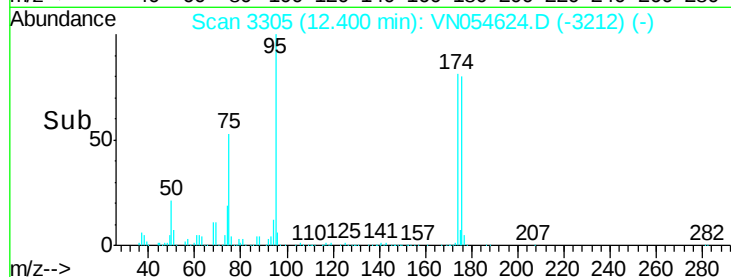
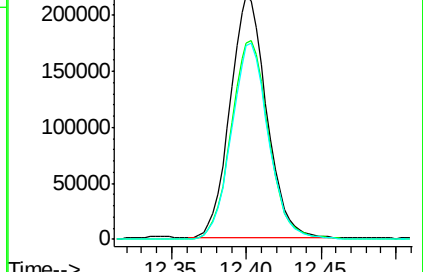
176 82.1 0.0 187.4



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: VN054624.D

Acq: 24 Mar 2019 1:08

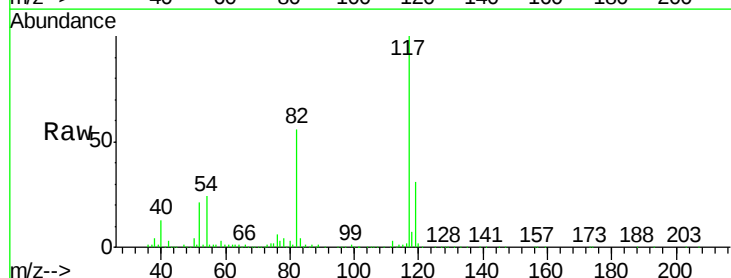
Tgt Ion: 117 Resp: 814158

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

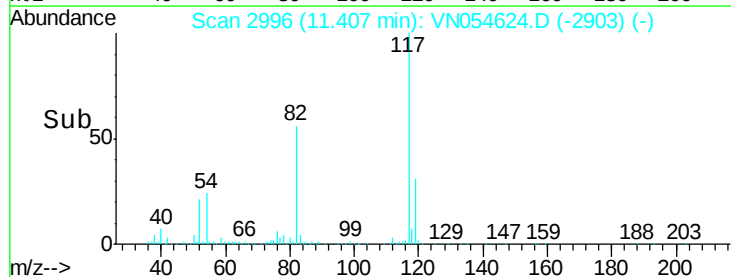
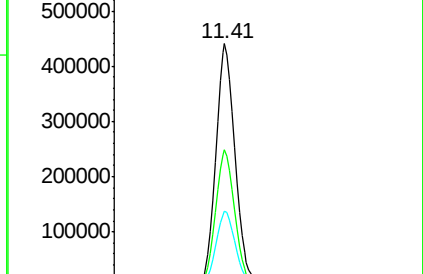
119 31.2 25.8 38.6

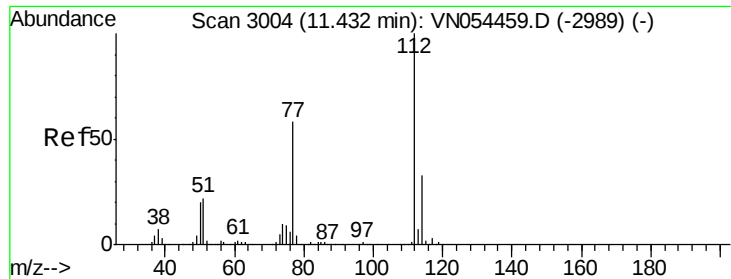


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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

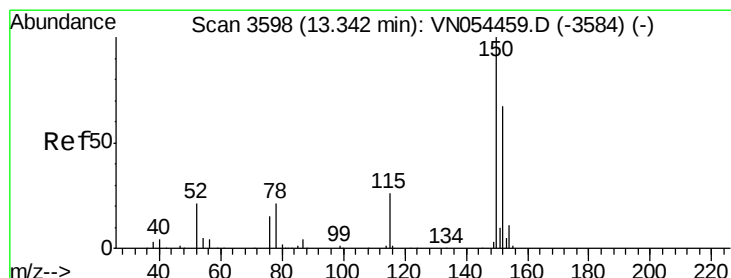
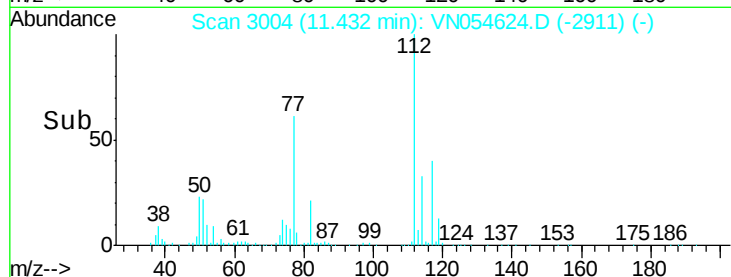
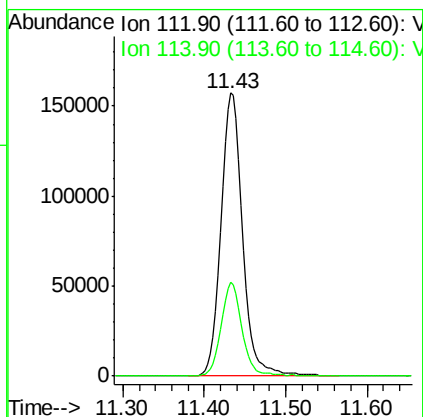
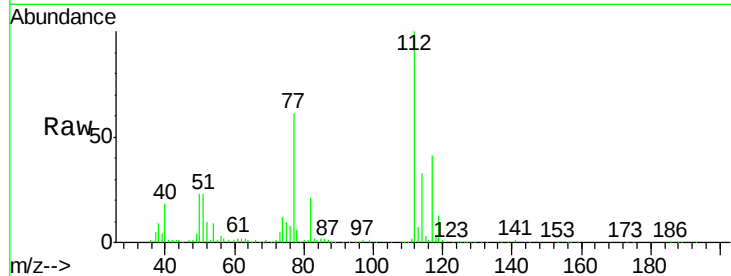




#65
Chlorobenzene
Concen: 17.872 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

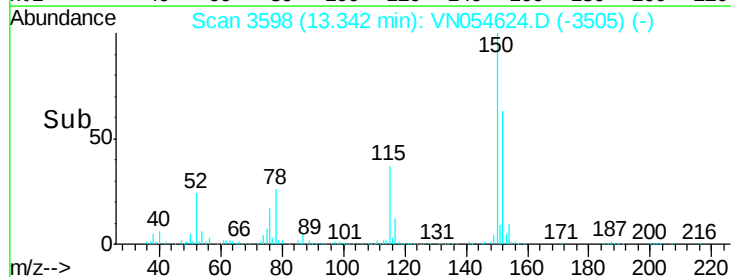
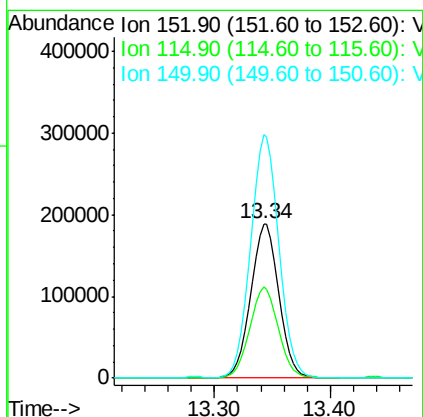
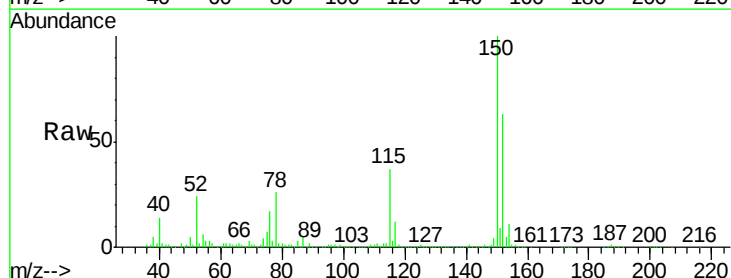
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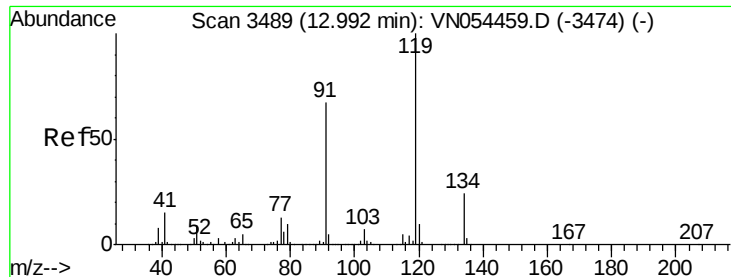
Tot Ion:112 Resp: 295946
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

Tgt Ion:152 Resp: 320121
Ion Ratio Lower Upper
152 100
115 59.3 27.2 81.6
150 158.4 0.0 349.2

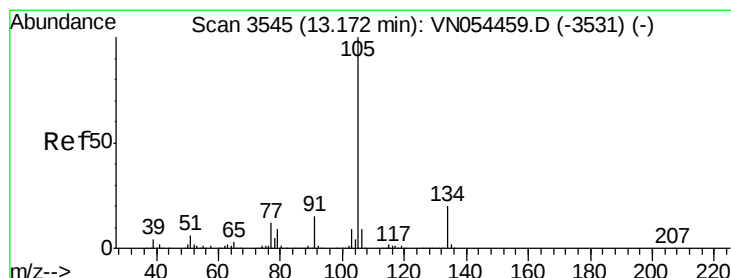
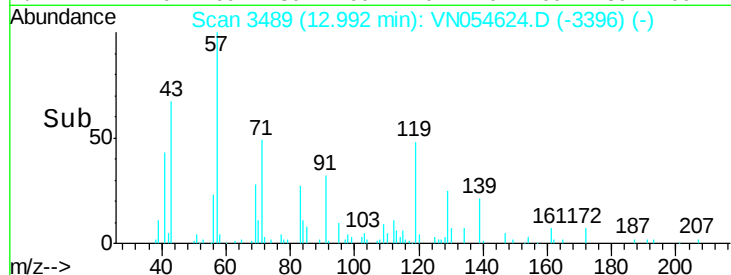
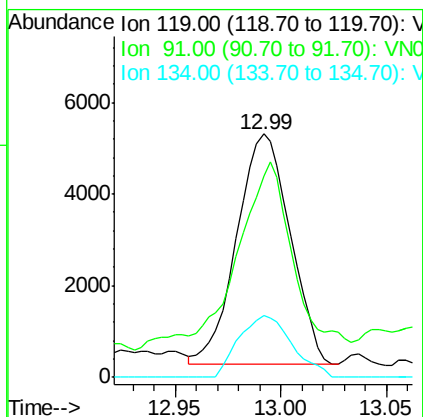
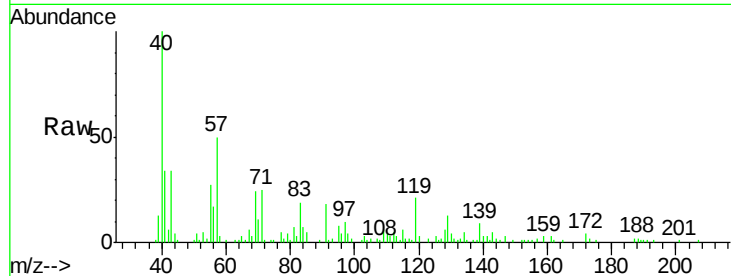




#83
tert-Butylbenzene
Concen: 0.483 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

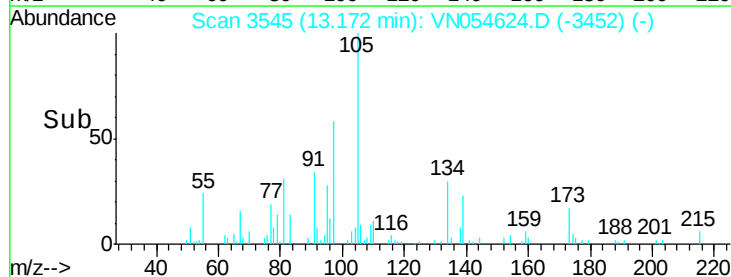
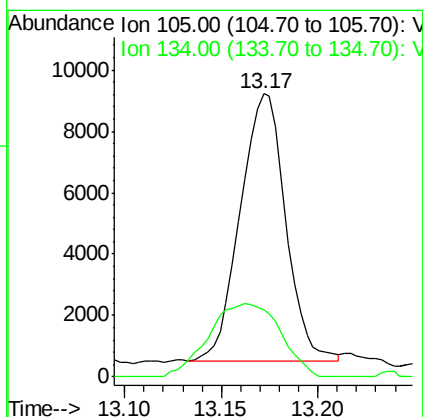
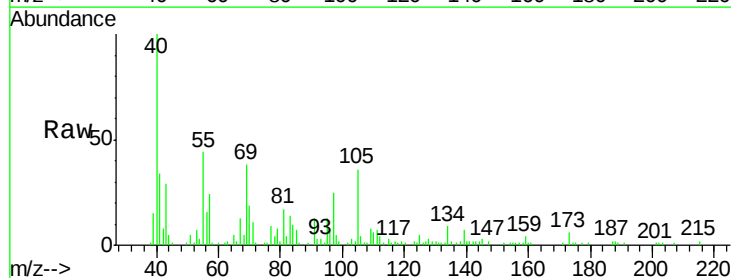
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WP022SB442-190319-(12-14)MEDL

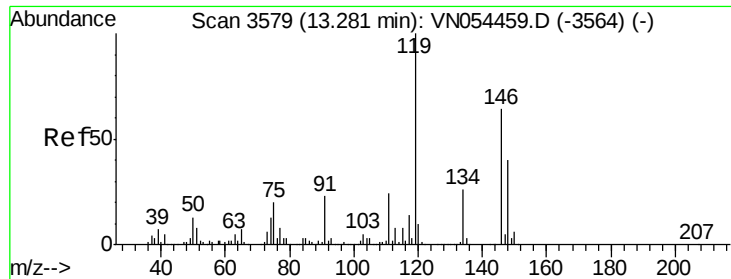
Tot Ion:119 Resp: 8880
Ion Ratio Lower Upper
119 100
91 87.0 30.9 92.8
134 26.7 13.2 39.6



#85
sec-Butylbenzene
Concen: 0.619 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN054624.D
Acq: 24 Mar 2019 1:08

Tgt Ion:105 Resp: 14197
Ion Ratio Lower Upper
105 100
134 43.4 10.7 32.1#

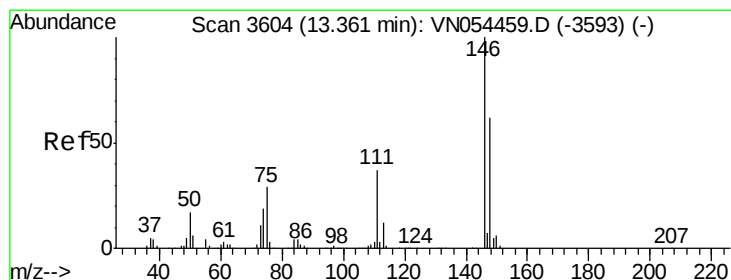
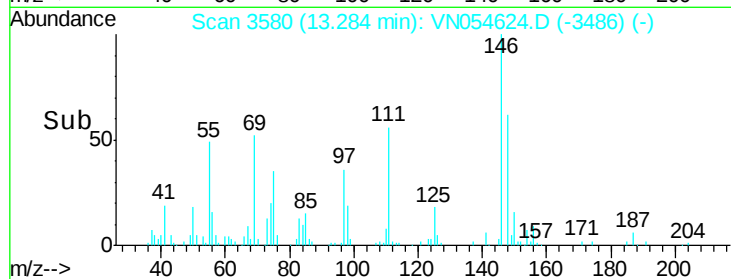
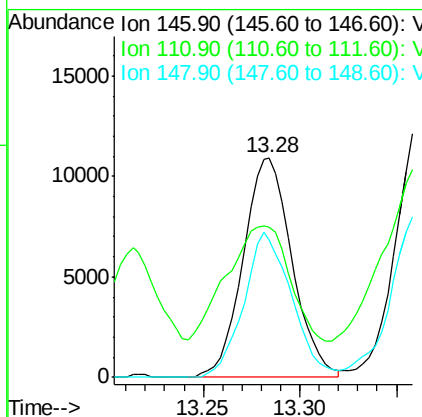
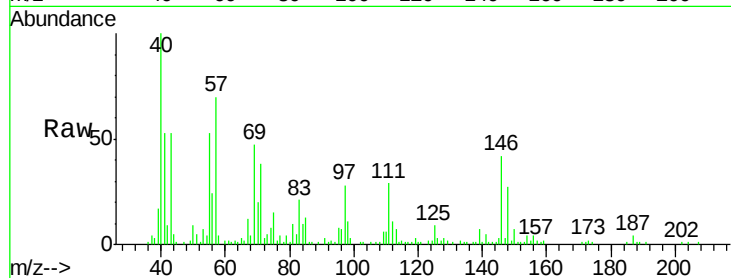




#87
 1,3-Dichlorobenzene
 Concen: 1.809 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054624.D
 Acq: 24 Mar 2019 1:08

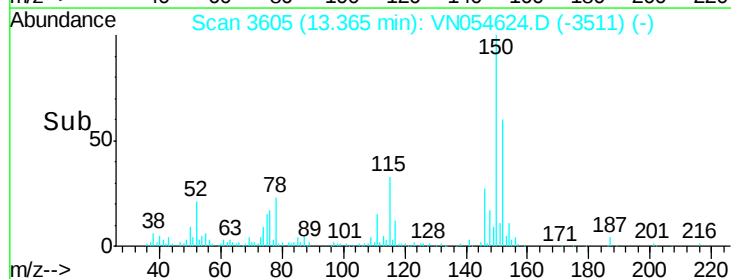
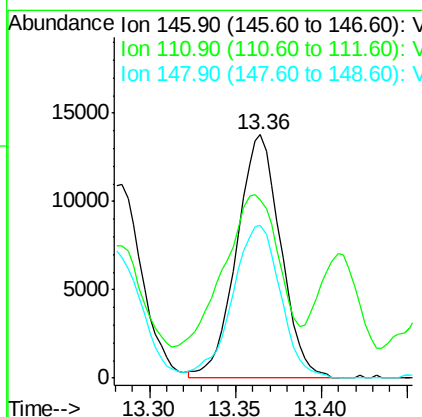
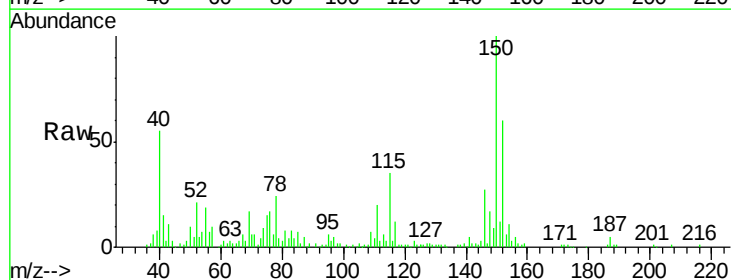
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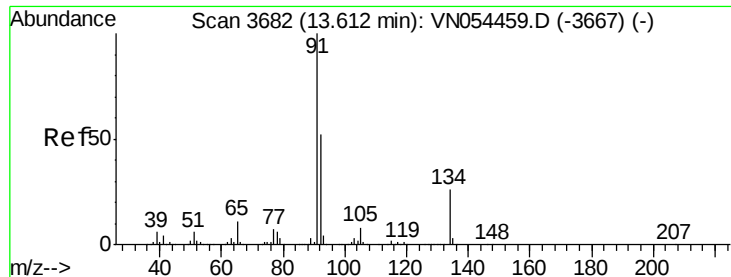
Tot Ion:146 Resp: 19177
 Ion Ratio Lower Upper
 146 100
 111 66.4 18.8 56.3#
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 2.366 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054624.D
 Acq: 24 Mar 2019 1:08

Tgt Ion:146 Resp: 24410
 Ion Ratio Lower Upper
 146 100
 111 75.8 18.1 54.1#
 148 68.7 32.0 96.0





#89

n-Butylbenzene

Concen: 0.886 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054624.D

Acq: 24 Mar 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(12-14)MEDL

Tot Ion: 91 Resp: 14218

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 31.3 14.3 42.9

