

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
 Data File : VN054588.D
 Acq On : 23 Mar 2019 6:00
 Operator : JC/SP
 Sample : K2045-14
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB436-190320-FD-(20-22)

Quant Time: Mar 25 02:04:26 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

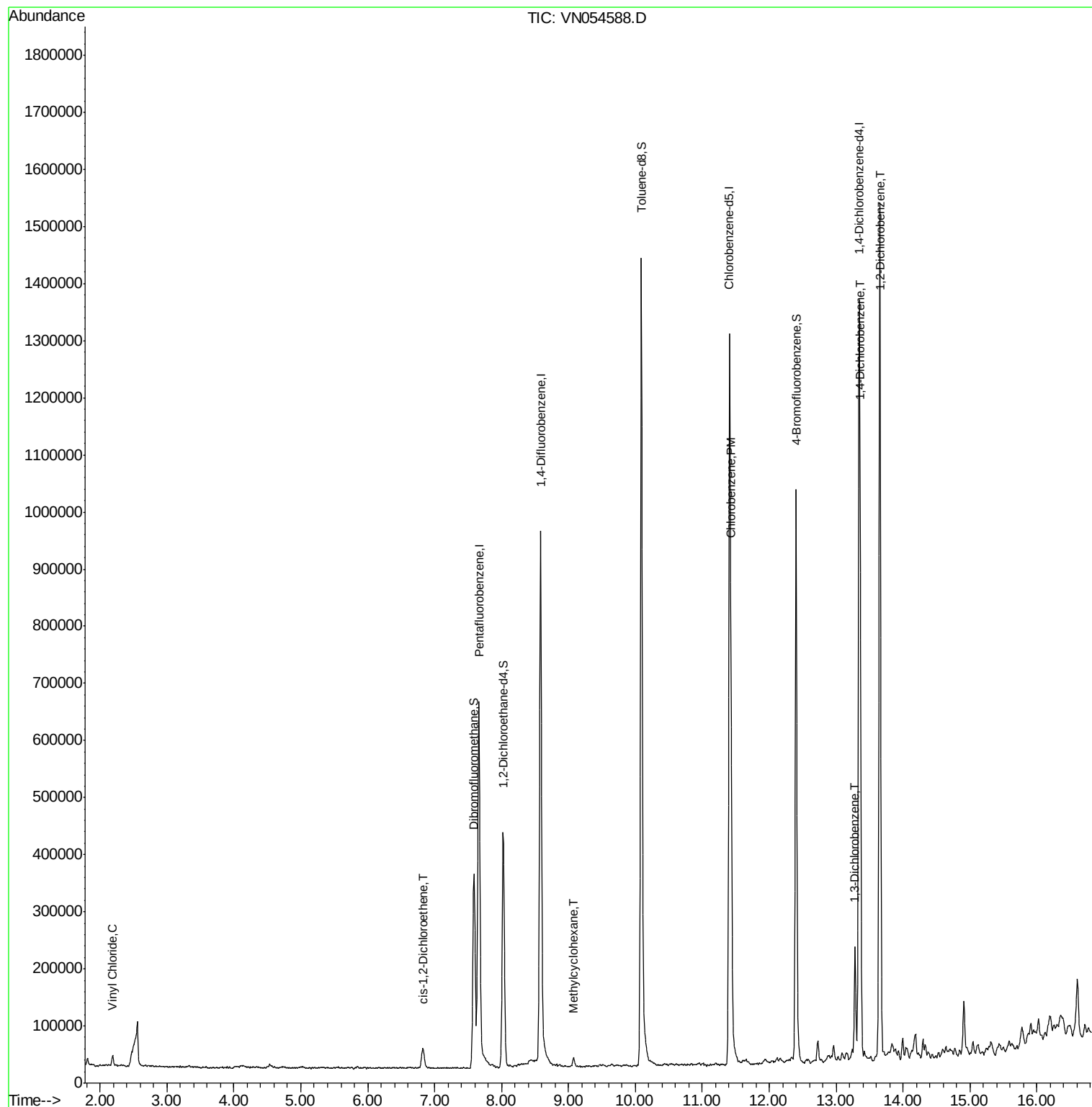
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	552909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	865476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	756159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	328959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	347088	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.59	113	257111	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	10.09	98	1055353	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	346520	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	16701	2.313	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	21489	3.308	ug/l	96
39) Methylcyclohexane	9.08	83	6409	0.692	ug/l #	94
65) Chlorobenzene	11.43	112	236775	15.396	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	74263	6.816	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	210256	19.835	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	624547	59.184	ug/l	98

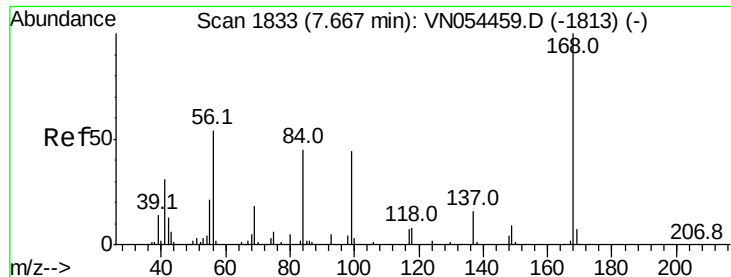
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054588.D

Acq: 23 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

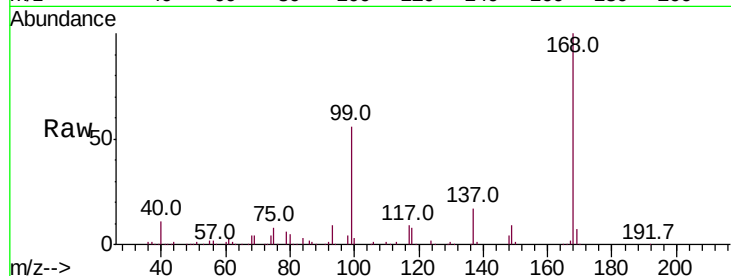
WP022SB436-190320-FD-(20-22)

Tot Ion:168 Resp: 552909

Ion Ratio Lower Upper

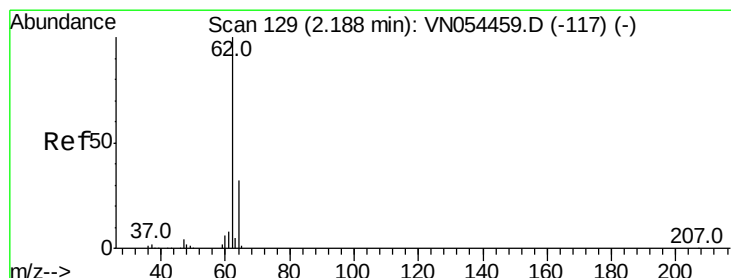
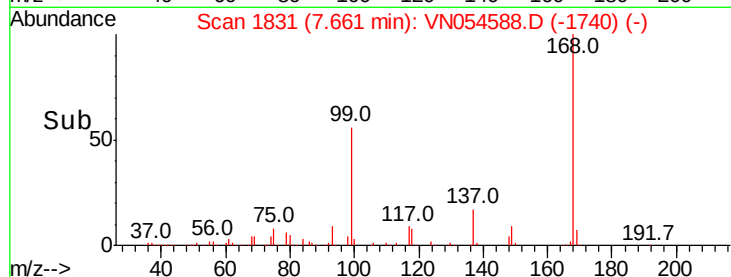
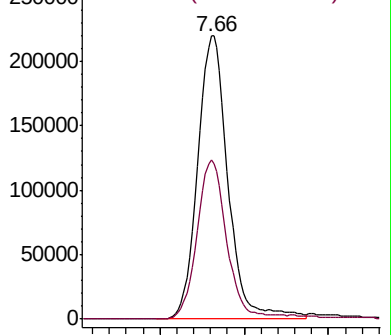
168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 2.313 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054588.D

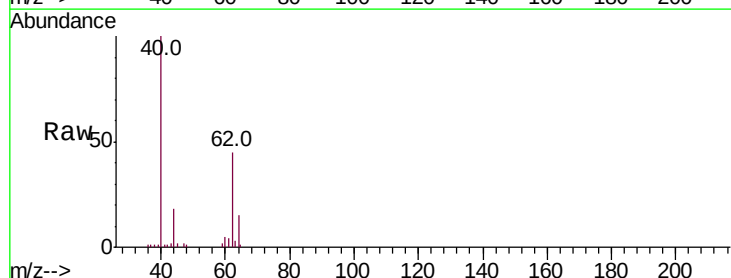
Acq: 23 Mar 2019 6:00

Tgt Ion: 62 Resp: 16701

Ion Ratio Lower Upper

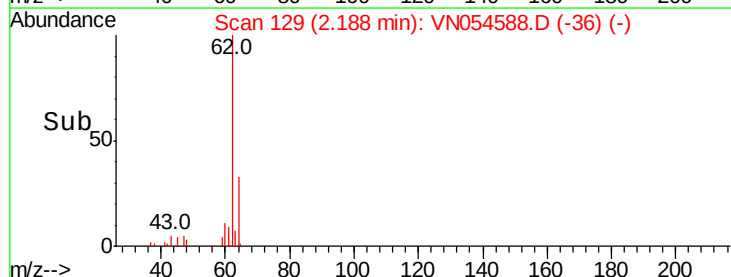
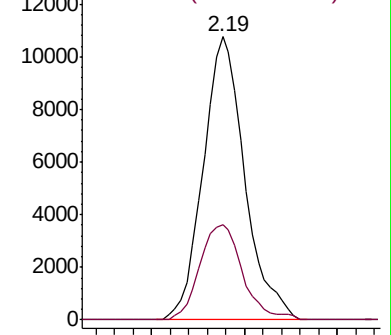
62 100

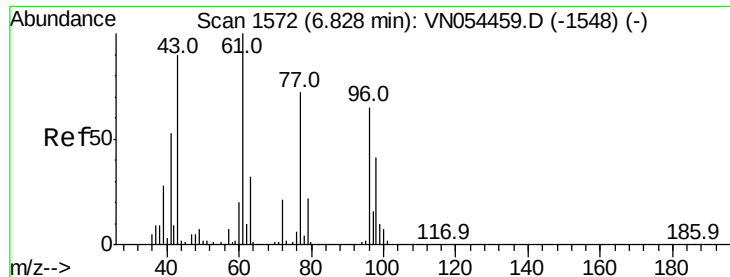
64 33.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 3.308 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-FD-(20-22)

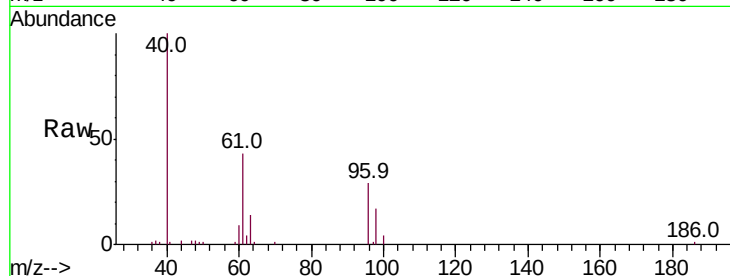
Tot Ion: 96 Resp: 21489

Ion Ratio Lower Upper

96 100

61 142.7 0.0 273.0

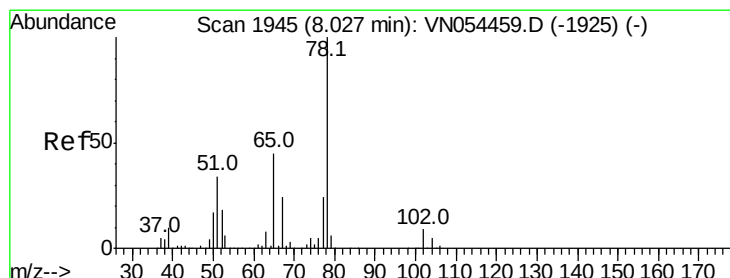
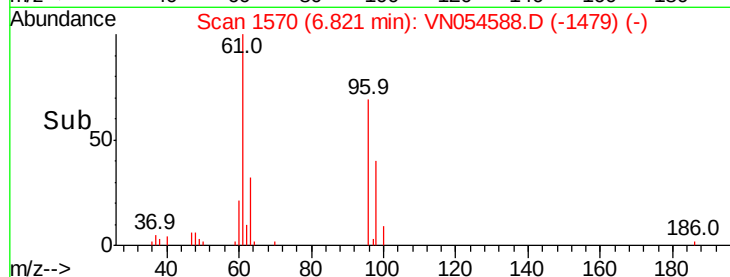
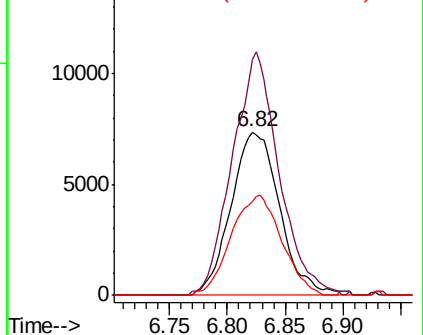
98 63.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.469 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054588.D

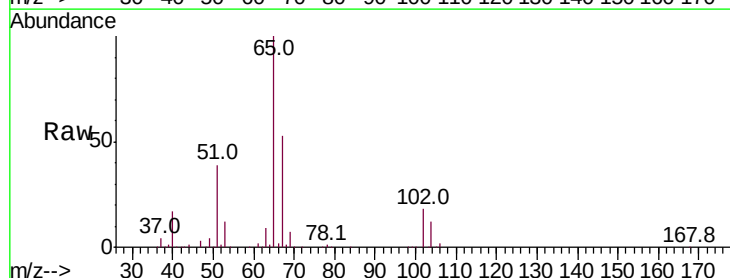
Acq: 23 Mar 2019 6:00

Tgt Ion: 65 Resp: 347088

Ion Ratio Lower Upper

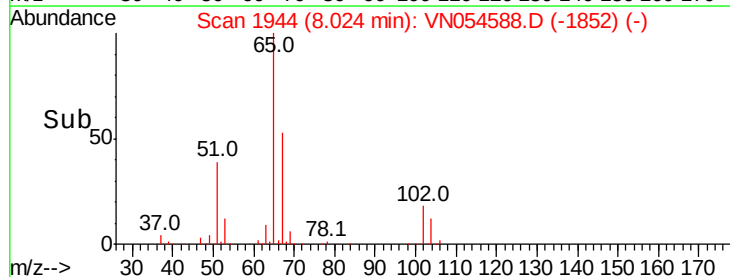
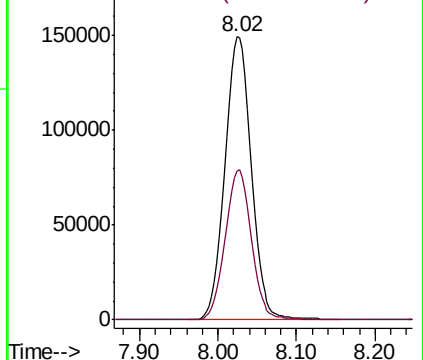
65 100

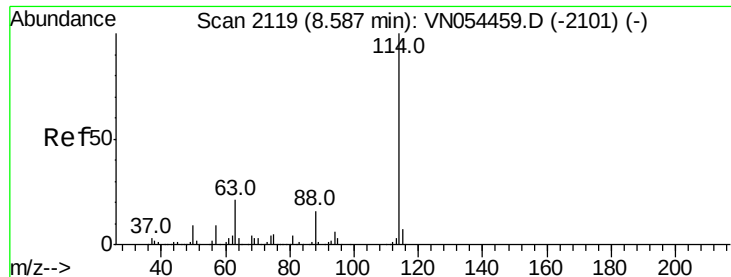
67 52.8 0.0 104.6



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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

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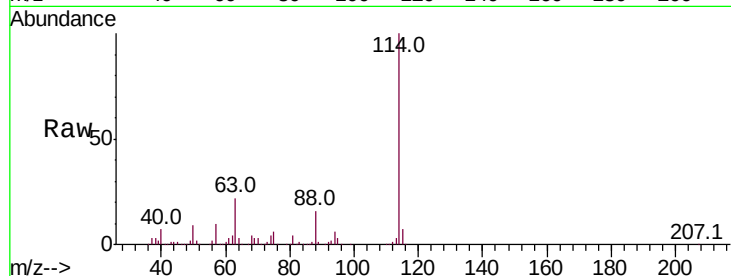
Tot Ion:114 Resp: 865476

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

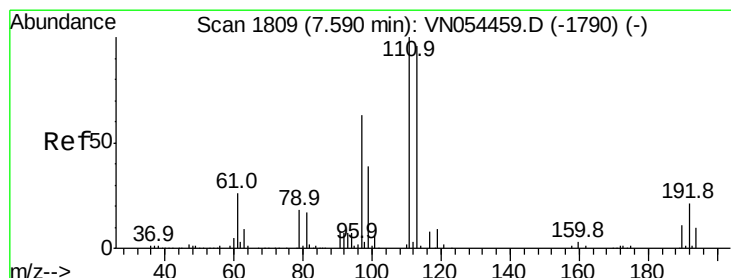
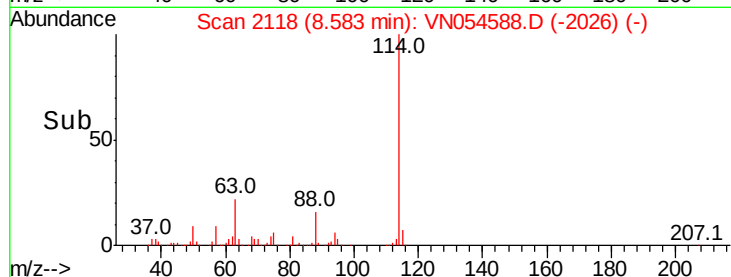
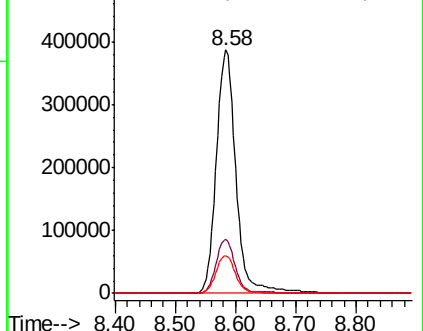
88 15.6 0.0 30.2



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: 46.112 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

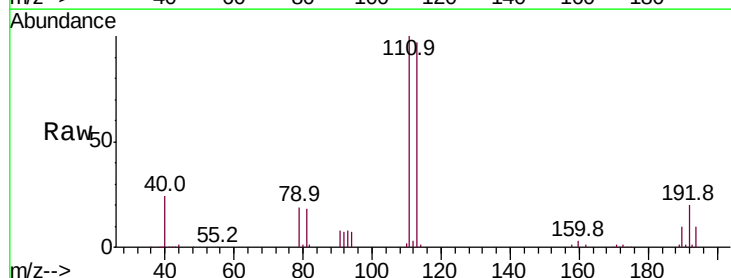
Tgt Ion:113 Resp: 257111

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

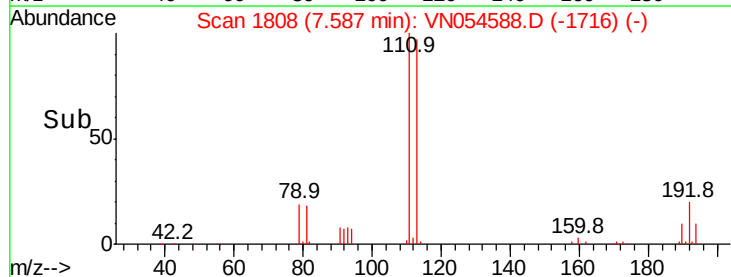
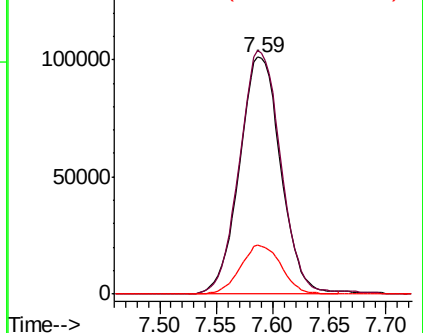
192 20.4 19.2 28.8

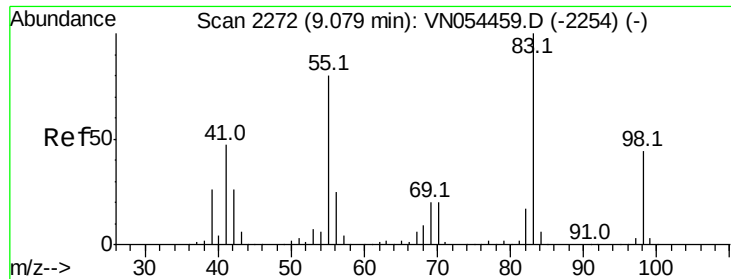


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

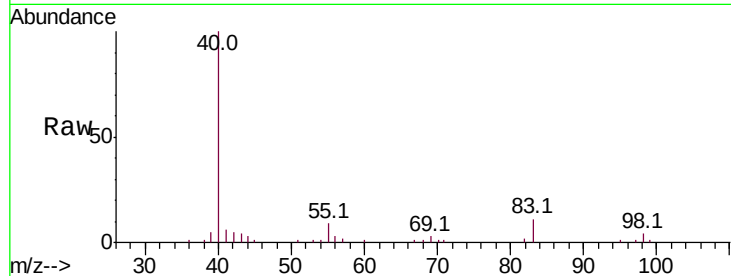




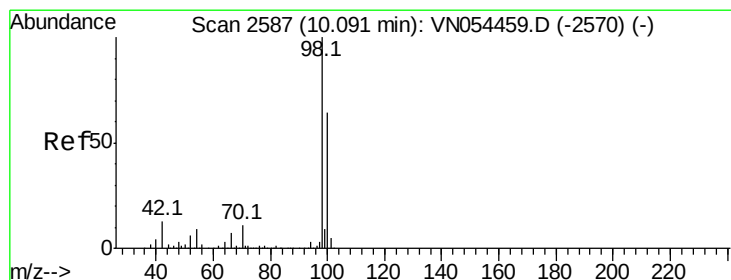
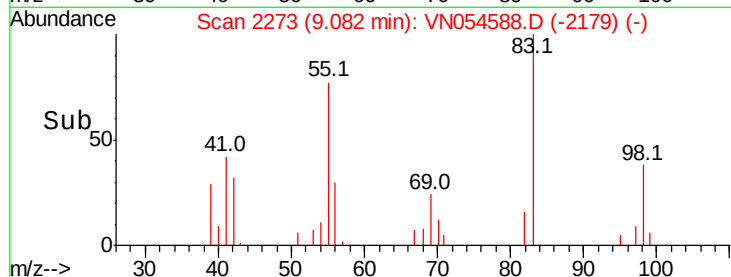
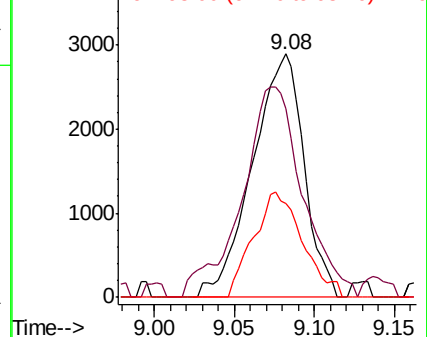
#39
Methylcyclohexane
Concen: 0.692 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tot Ion: 83 Resp: 6409
Ion Ratio Lower Upper
83 100
55 70.0 56.6 84.8
98 38.3 38.4 57.6#

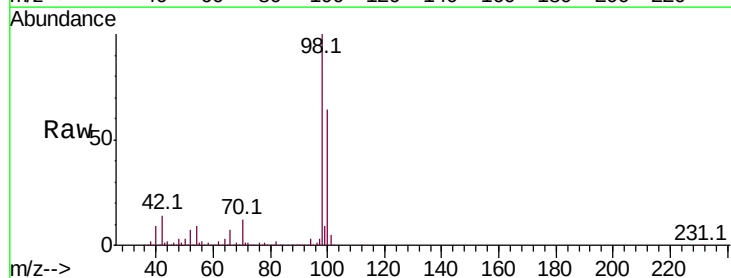


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

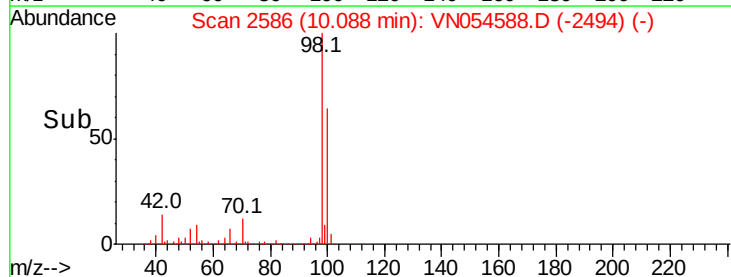
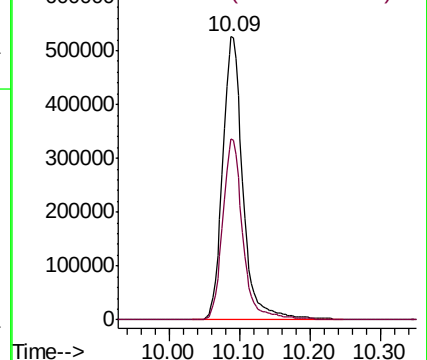


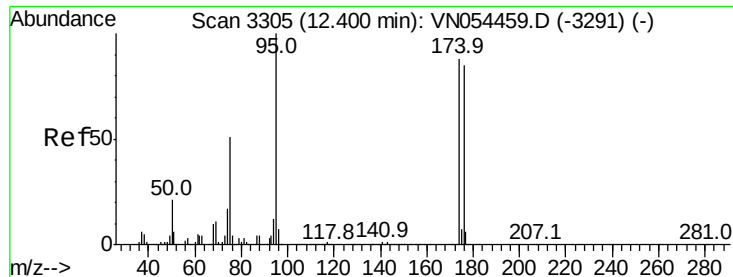
#50
Toluene-d8
Concen: 50.347 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 98 Resp: 1055353
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.581 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-FD-(20-22)

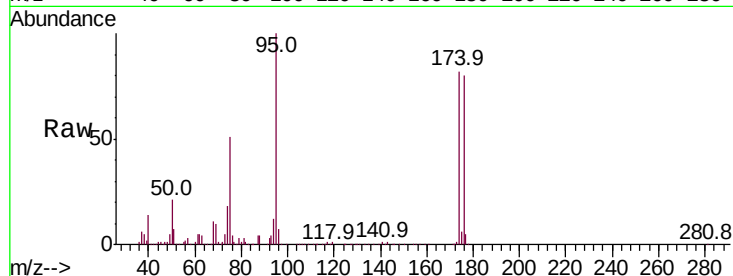
Tot Ion: 95 Resp: 346520

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

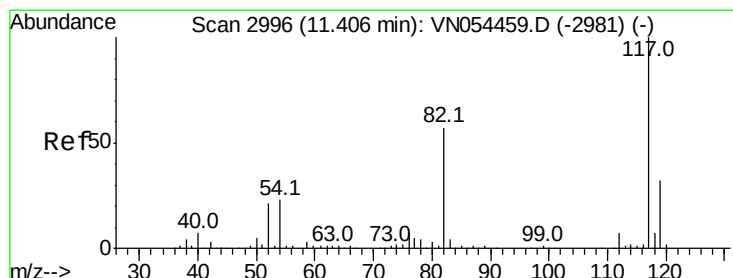
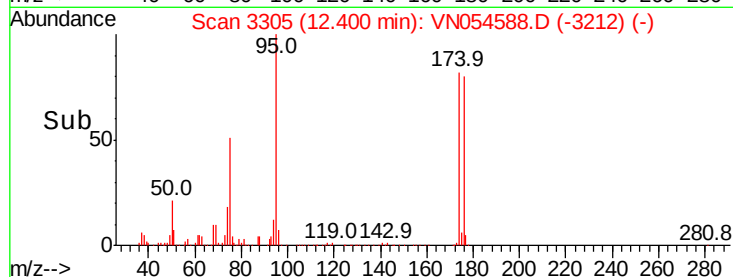
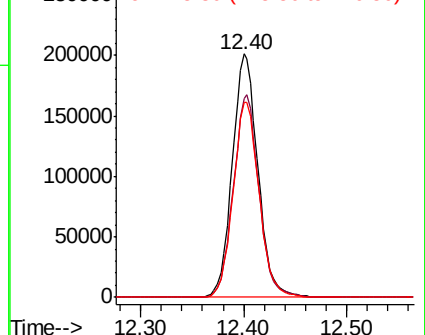
176 81.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

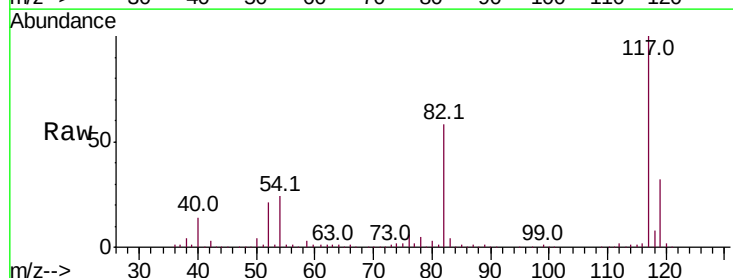
Tgt Ion: 117 Resp: 756159

Ion Ratio Lower Upper

117 100

82 57.9 40.0 60.0

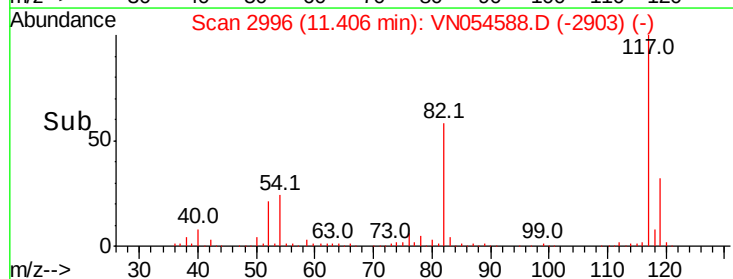
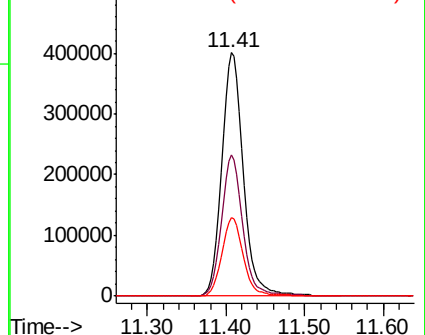
119 32.0 25.8 38.6

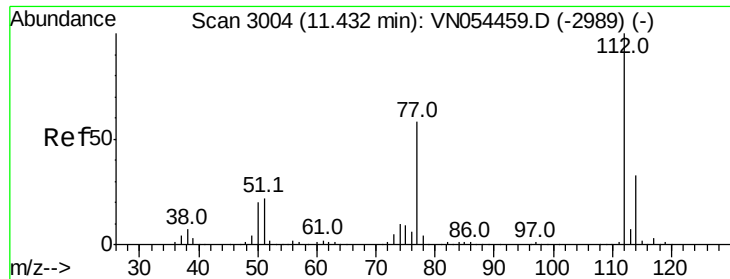


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

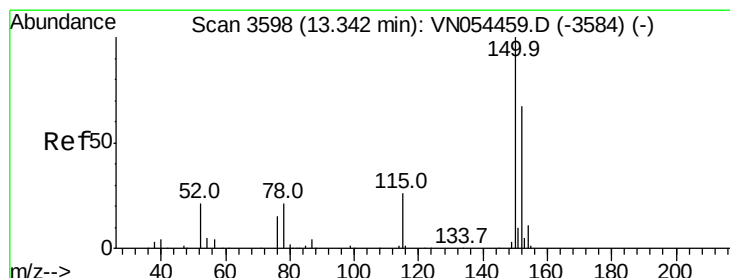
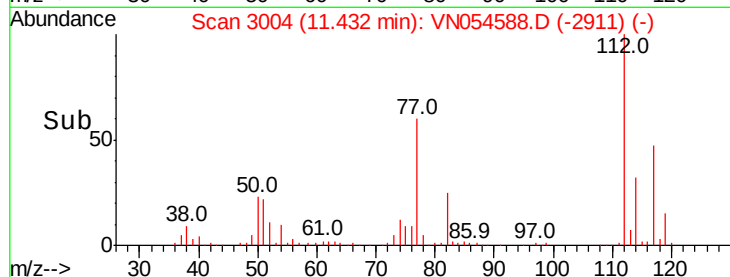
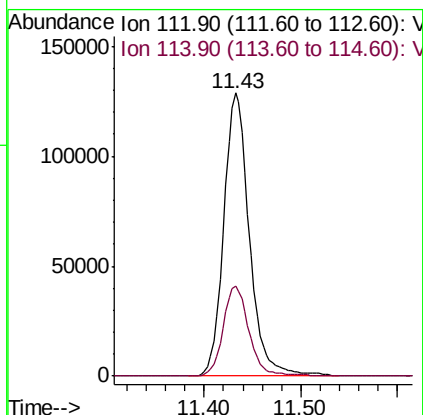
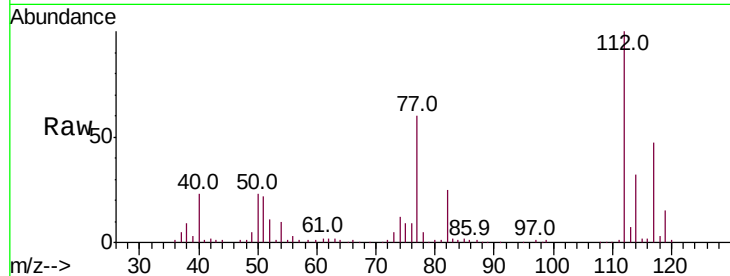




#65
Chlorobenzene
Concen: 15.396 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

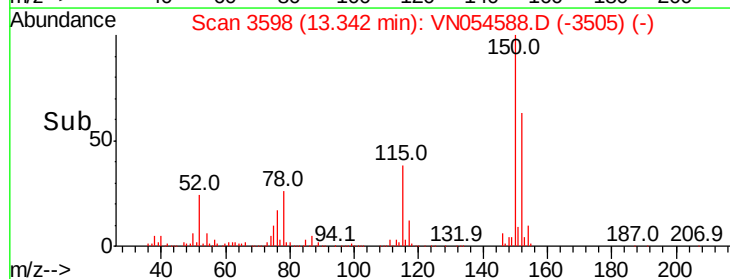
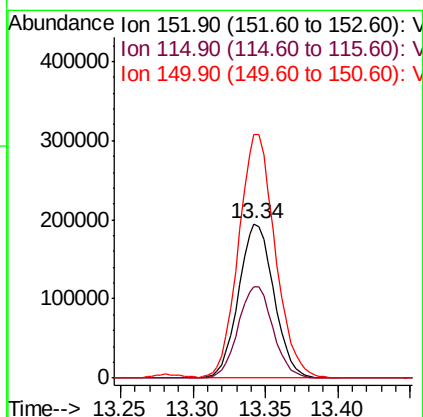
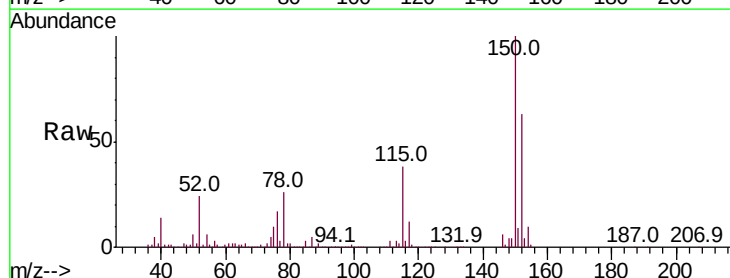
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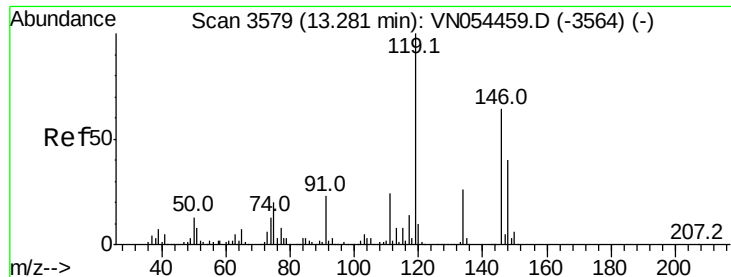
Tot Ion:112 Resp: 236775
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:152 Resp: 328959
Ion Ratio Lower Upper
152 100
115 58.9 27.2 81.6
150 164.0 0.0 349.2

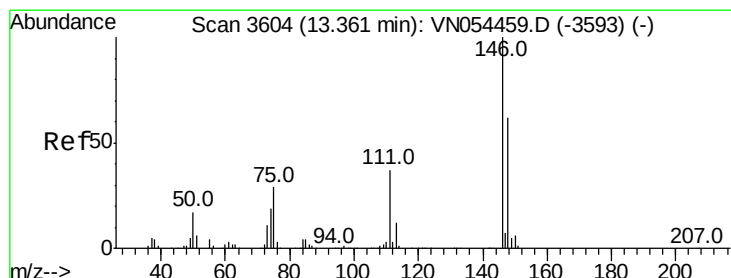
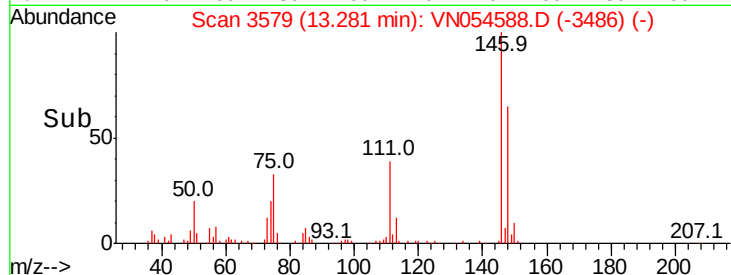
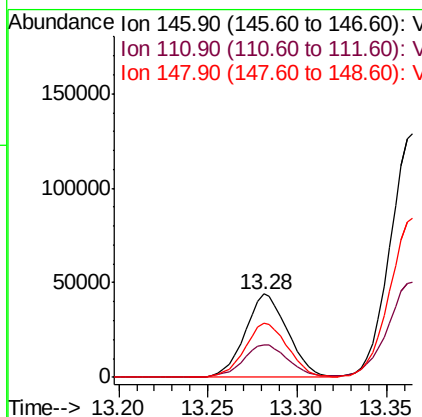
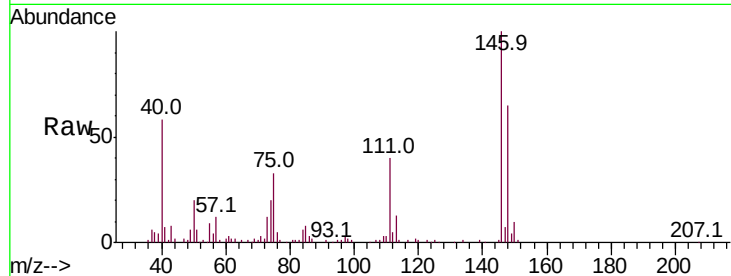




#87
 1,3-Dichlorobenzene
 Concen: 6.816 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054588.D
 Acq: 23 Mar 2019 6:00

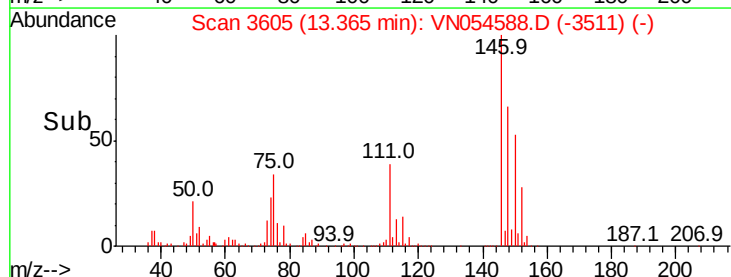
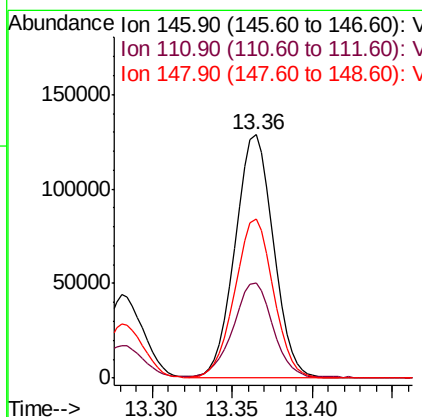
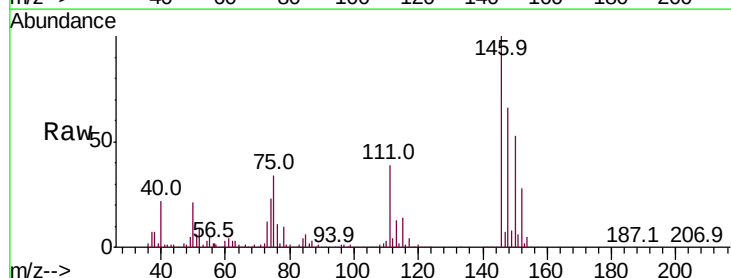
Instrument :
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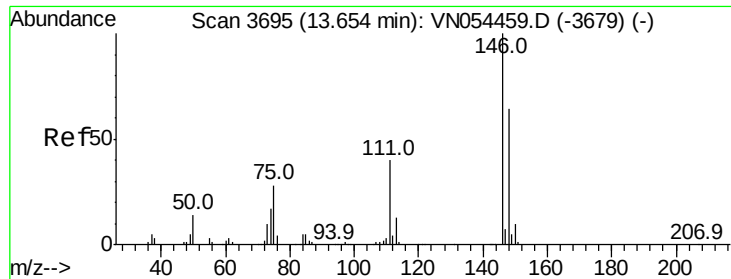
Tot Ion:146 Resp: 74263
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.8 56.3
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.835 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054588.D
 Acq: 23 Mar 2019 6:00

Tgt Ion:146 Resp: 210256
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.1 54.1
 148 66.2 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 59.184 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054588.D

Acq: 23 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-FD-(20-22)

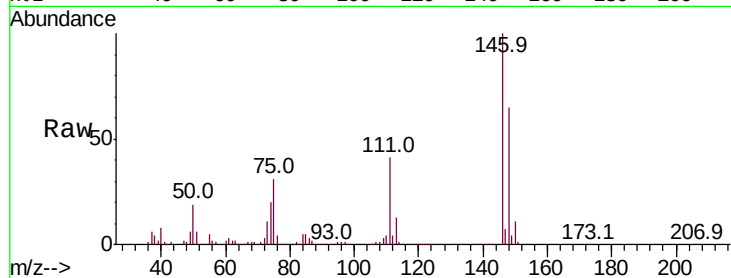
Tot Ion:146 Resp: 624547

Ion Ratio Lower Upper

146 100

111 40.8 19.1 57.3

148 64.4 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

