

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057066.D
 Acq On : 2 Aug 2019 15:05
 Operator : JC/SP
 Sample : K4119-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-0712

Quant Time: Aug 03 05:05:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	547853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	782136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	646205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	308023	54.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.86%	
35) Dibromofluoromethane	7.58	113	278073	55.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.08%	
50) Toluene-d8	10.08	98	1040252	54.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.40	95	264465	42.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.10%	

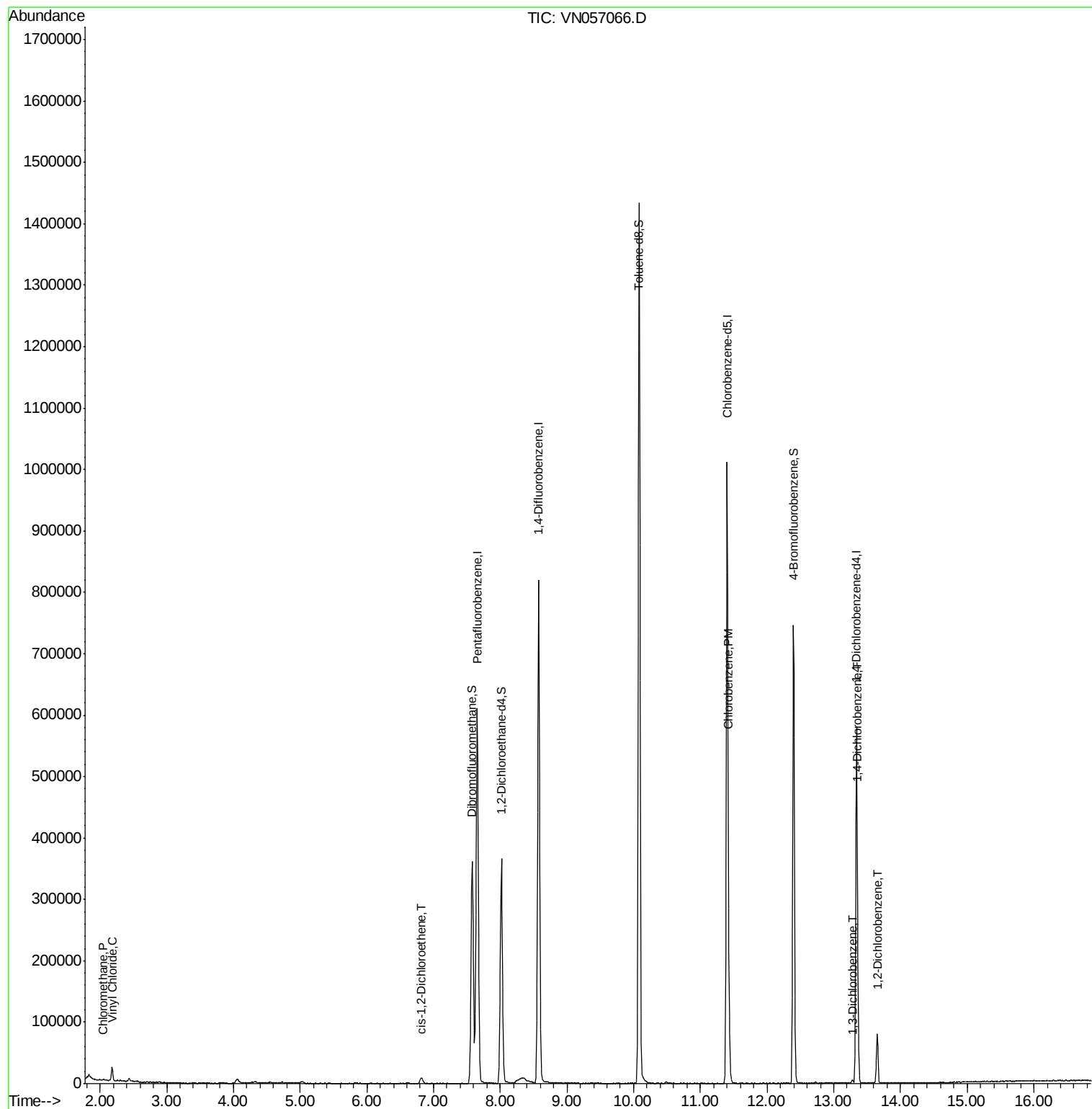
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1615	0.244	ug/l	98
4) Vinyl Chloride	2.18	62	19948	3.208	ug/l	92
27) cis-1,2-Dichloroethene	6.82	96	6510	1.076	ug/l	86
65) Chlorobenzene	11.43	112	58850	4.468	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2763	0.473	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	41915	7.457	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	38467	6.694	ug/l	98

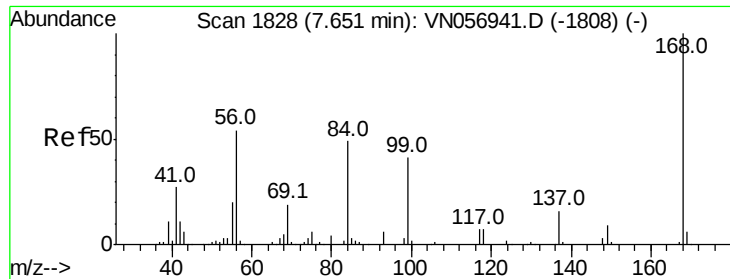
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080219\
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Quant Time: Aug 03 05:05:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

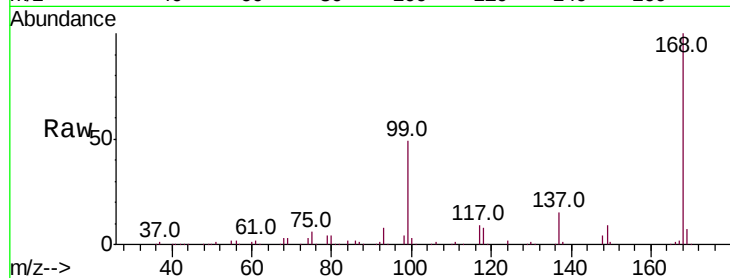
Z3-0712

Tot Ion:168 Resp: 547853

Ion Ratio Lower Upper

168 100

99 49.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

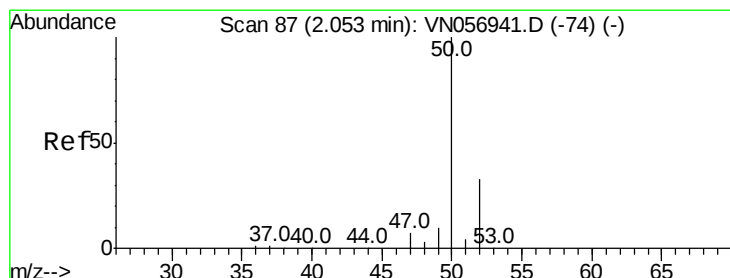
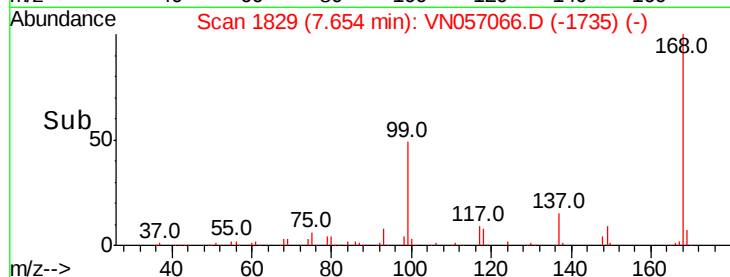
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.244 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057066.D

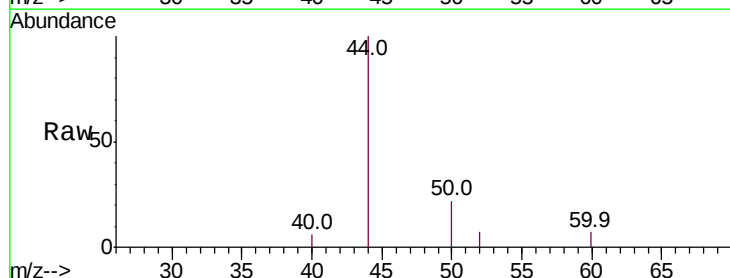
Acq: 2 Aug 2019 15:05

Tgt Ion: 50 Resp: 1615

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

1200

1000

800

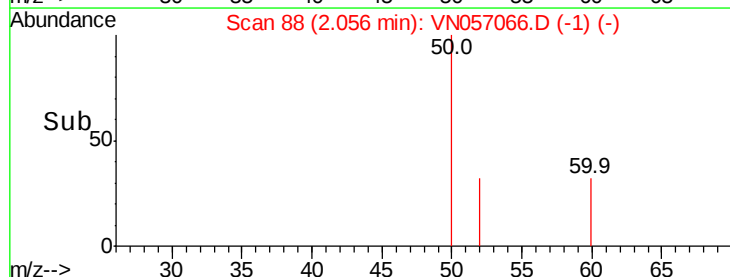
600

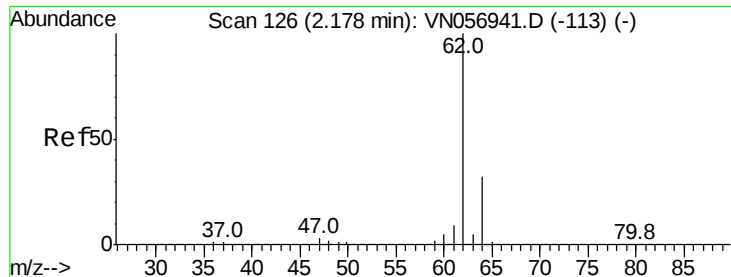
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 3.208 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :

MSVOA_N

ClientSampled :

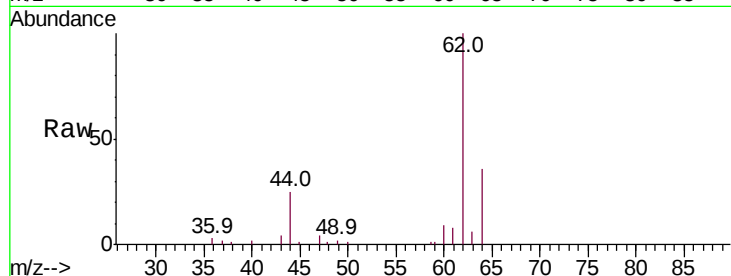
Z3-0712

Tot Ion: 62 Resp: 19948

Ion Ratio Lower Upper

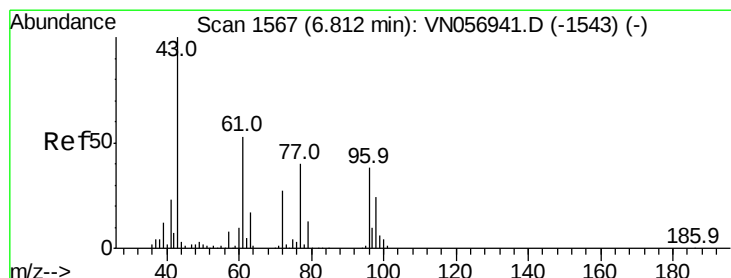
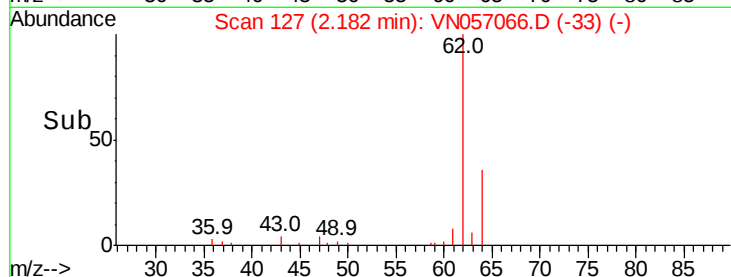
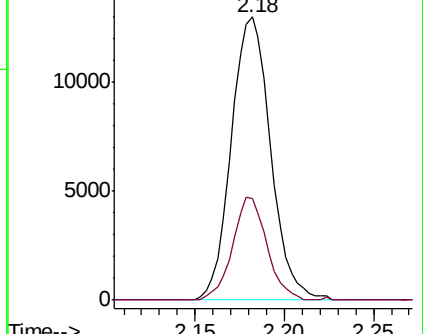
62 100

64 35.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC



#27

cis-1,2-Dichloroethene

Concen: 1.076 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

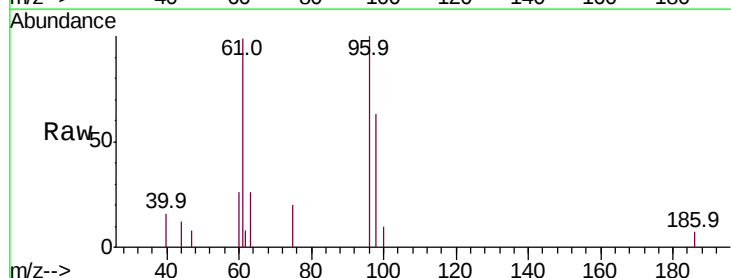
Tgt Ion: 96 Resp: 6510

Ion Ratio Lower Upper

96 100

61 116.6 0.0 277.2

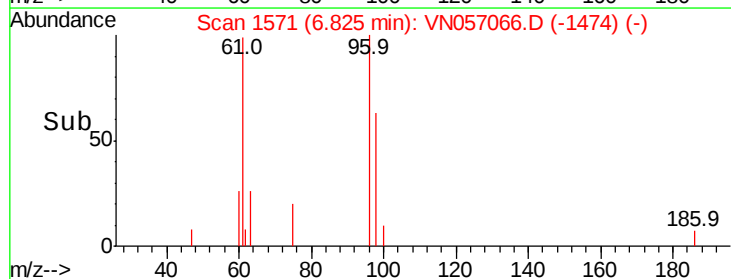
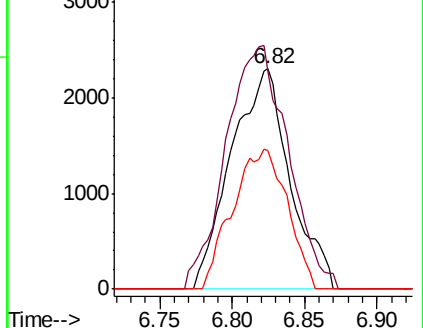
98 59.1 0.0 128.4

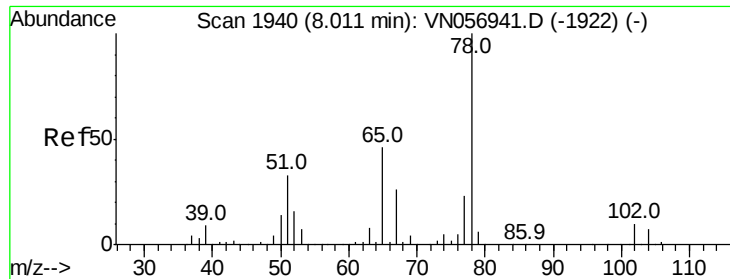


Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 54.925 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :

MSVOA_N

ClientSampled :

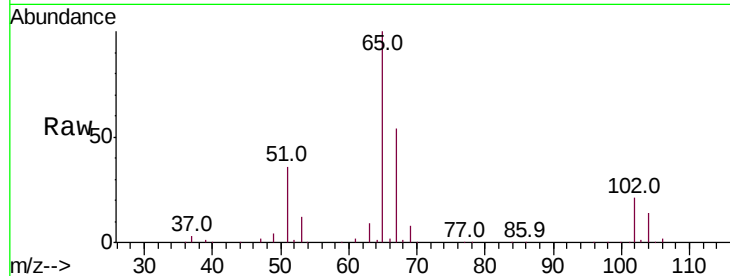
Z3-0712

Tot Ion: 65 Resp: 308023

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

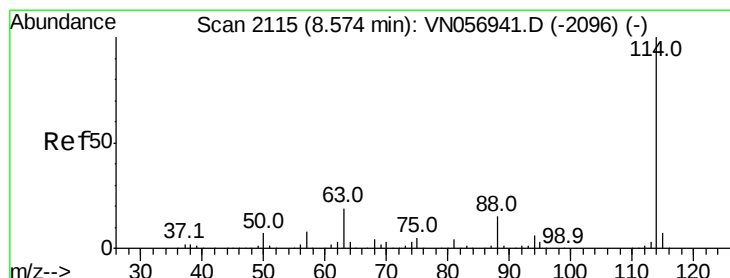
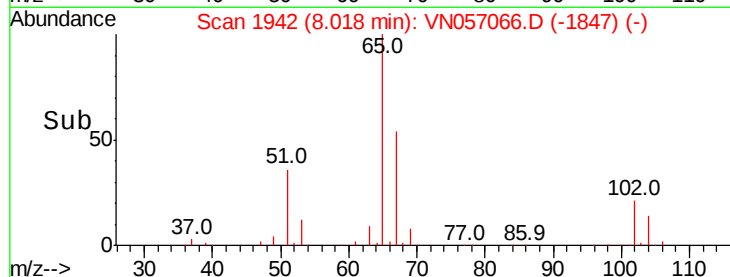
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

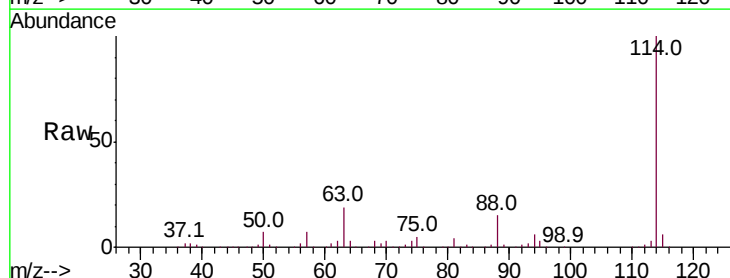
Tgt Ion: 114 Resp: 782136

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.0

88 15.1 0.0 30.0



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

500000

400000

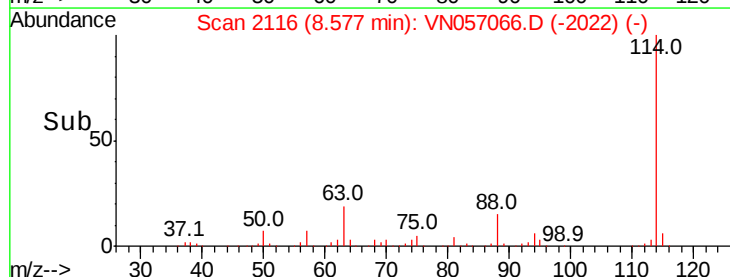
300000

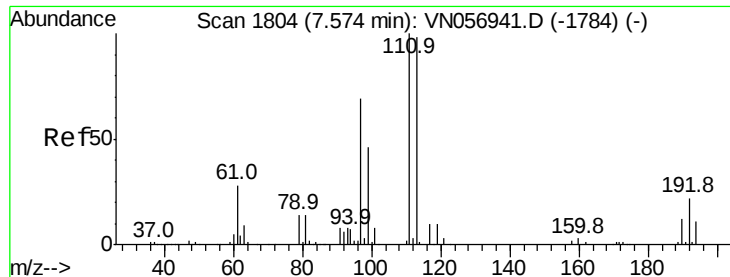
200000

100000

0

Time-->

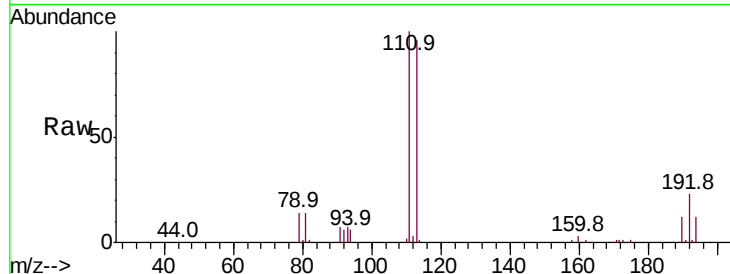




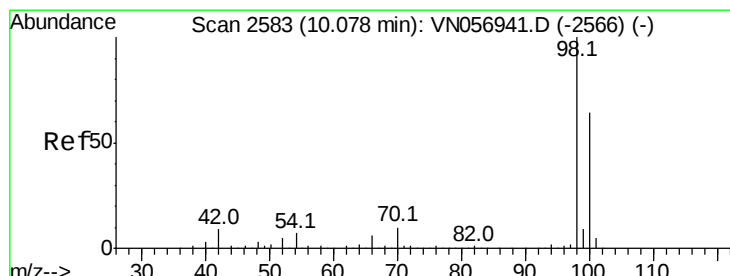
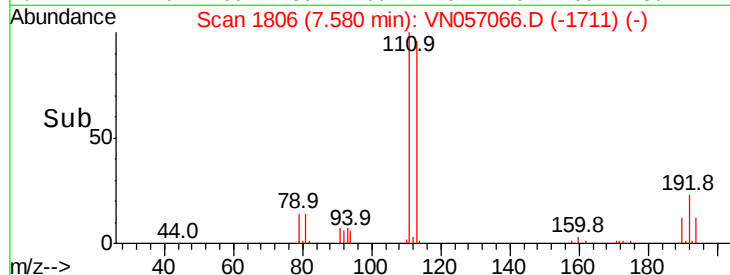
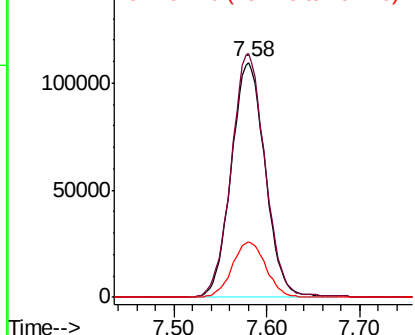
#35
 Dibromofluoromethane
 Concen: 55.537 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057066.D
 Acq: 2 Aug 2019 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 Z3-0712

Tot Ion:113 Resp: 278073
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.0 123.0
 192 23.4 18.4 27.6

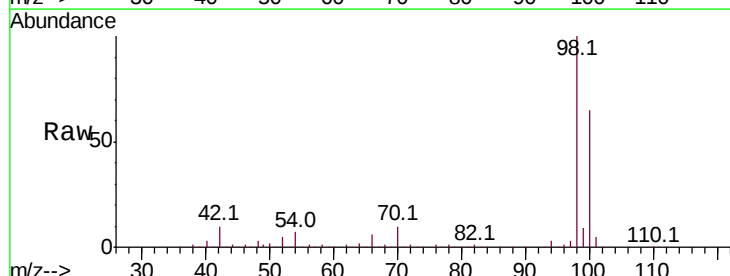


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

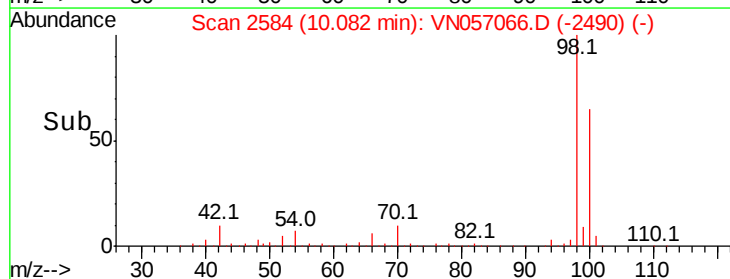
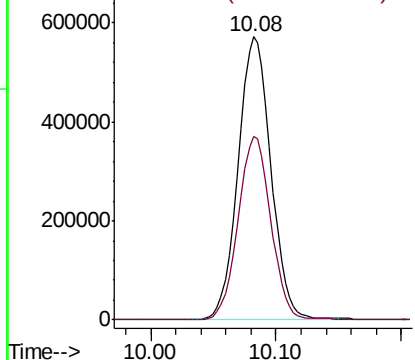


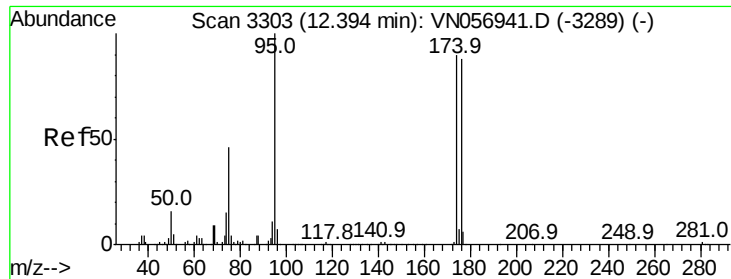
#50
 Toluene-d8
 Concen: 54.481 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057066.D
 Acq: 2 Aug 2019 15:05

Tgt Ion: 98 Resp: 1040252
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 42.546 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

Z3-0712

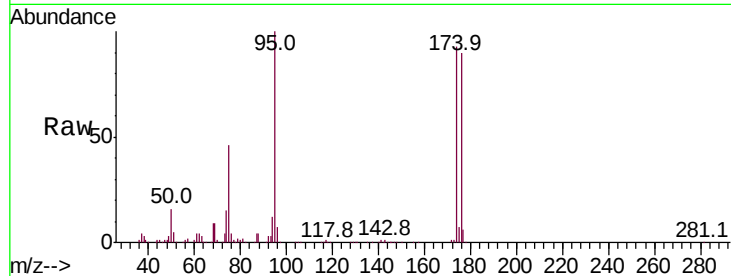
Tot Ion: 95 Resp: 264465

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.2

176 92.1 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40

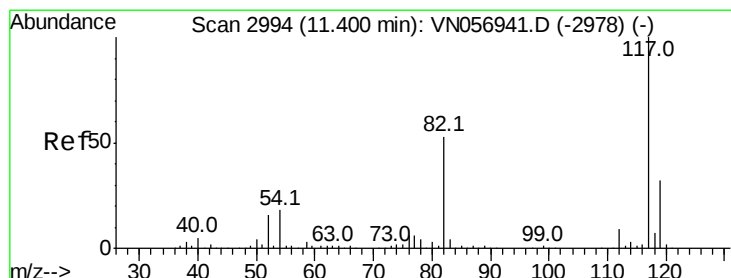
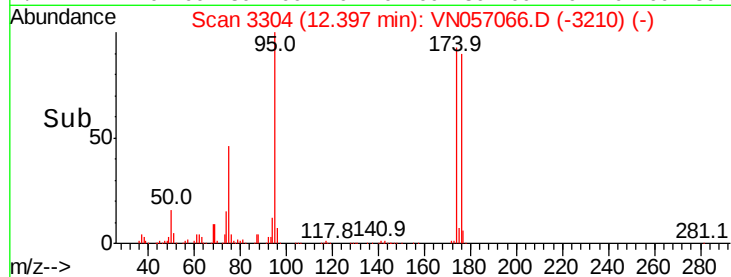
150000

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

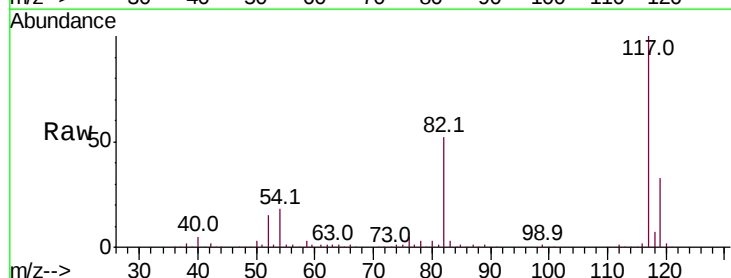
Tgt Ion: 117 Resp: 646205

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

119 33.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)

11.40

500000

400000

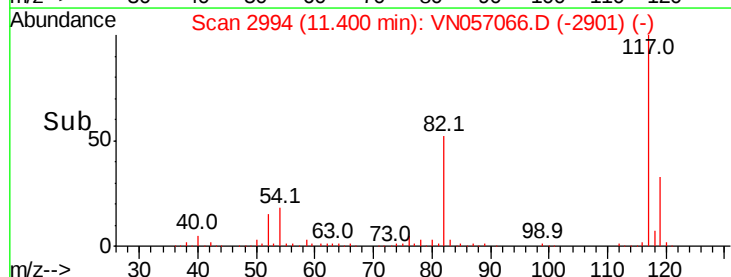
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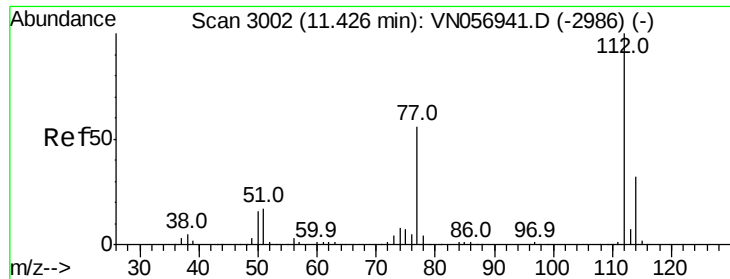
200000

100000

0

Time--> 11.30 11.40 11.50

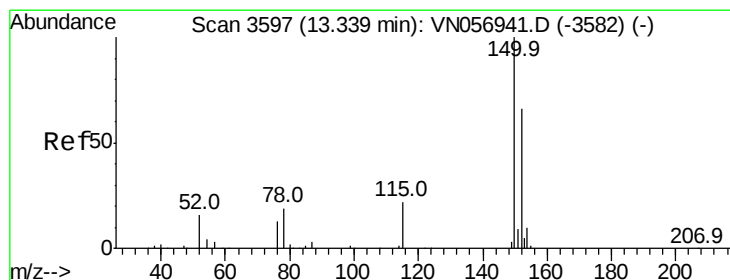
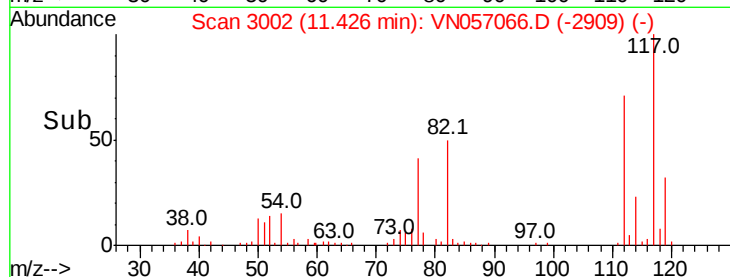
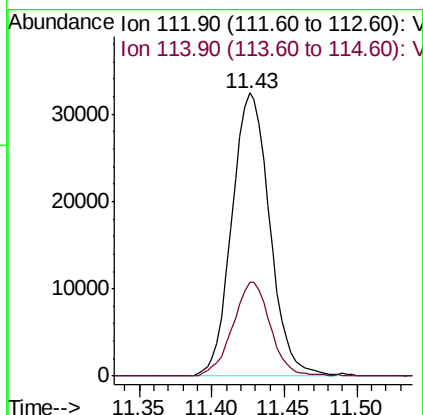
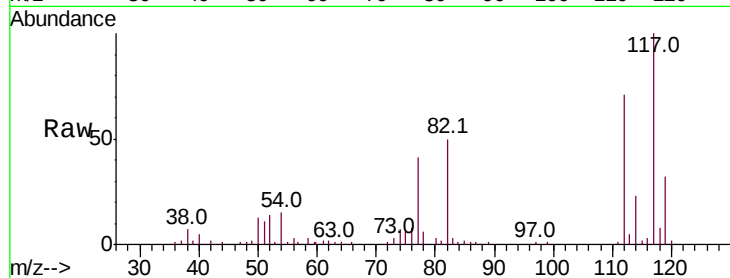




#65
Chlorobenzene
Concen: 4.468 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057066.D
Acq: 2 Aug 2019 15:05

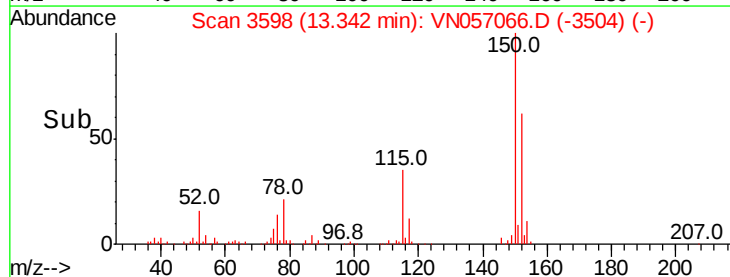
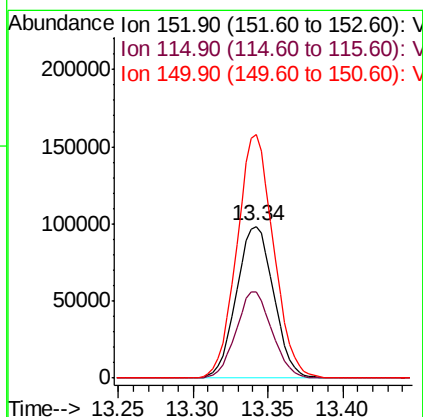
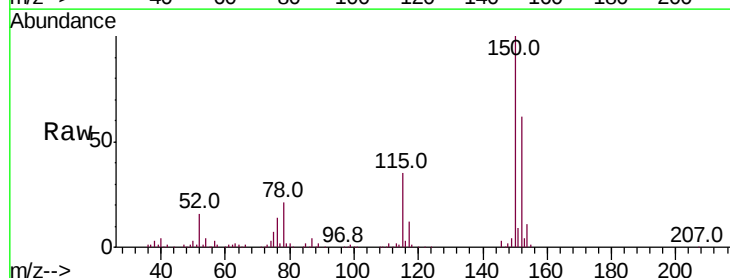
Instrument :
MSVOA_N
ClientSampled :
Z3-0712

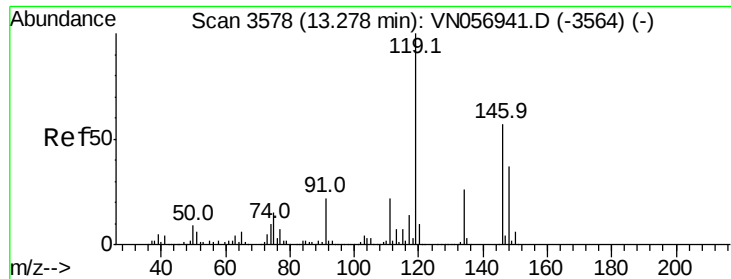
Tot Ion:112 Resp: 58850
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057066.D
Acq: 2 Aug 2019 15:05

Tgt Ion:152 Resp: 170183
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.6
150 158.5 0.0 349.4





#87

1,3-Dichlorobenzene

Concen: 0.473 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

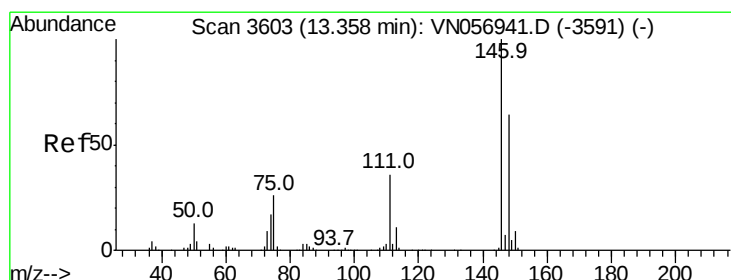
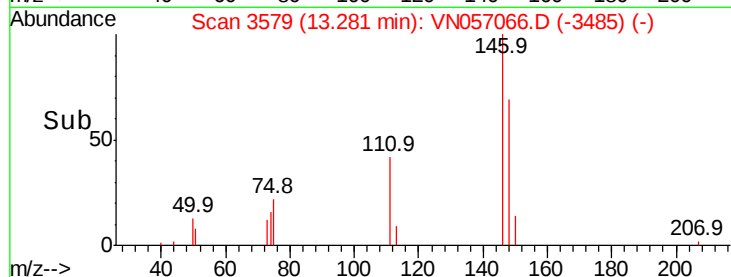
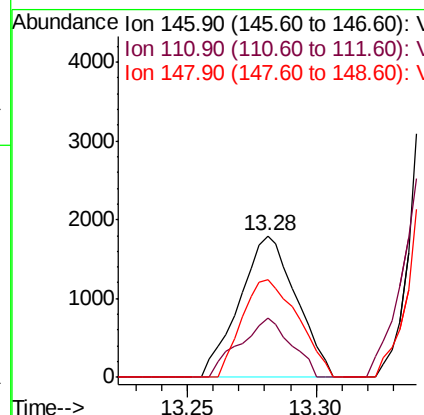
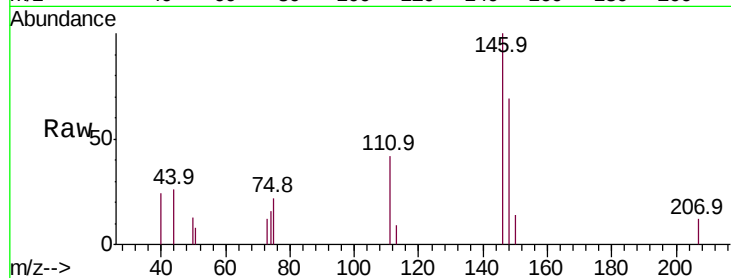
Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :
MSVOA_N
ClientSampleId :
Z3-0712

Tot Ion:146 Resp: 2763

Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	68.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 7.457 ug/l

RT: 13.36 min Scan# 3604

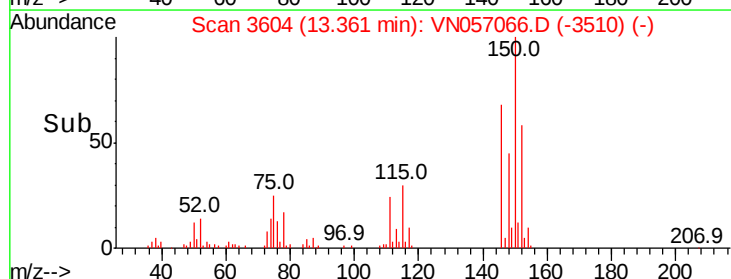
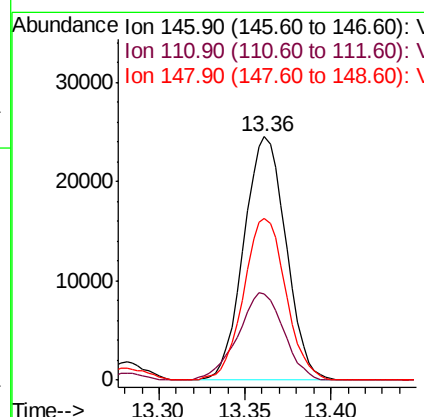
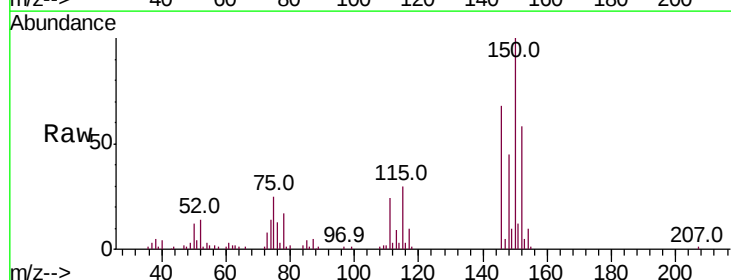
Delta R.T. 0.00 min

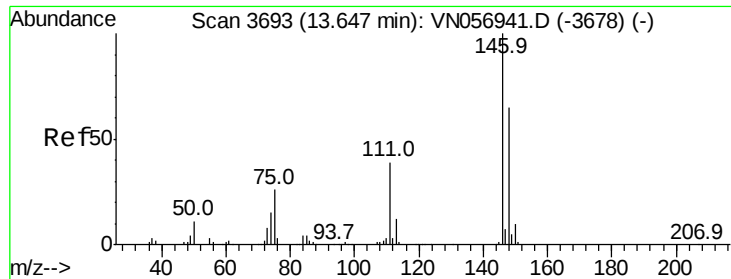
Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Tgt Ion:146 Resp: 41915

Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.2
148	66.5	32.3	96.9





#91

1,2-Dichlorobenzene

Concen: 6.694 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.01 min

Lab File: VN057066.D

Acq: 2 Aug 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

Z3-0712

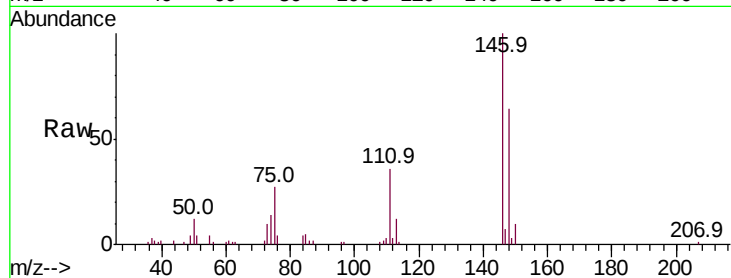
Tot Ion:146 Resp: 38467

Ion Ratio Lower Upper

146 100

111 36.6 19.4 58.4

148 63.9 32.2 96.6



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

