

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055926.D
 Acq On : 31 May 2019 18:04
 Operator : JC/SP
 Sample : K3129-03 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS032MW008-190528

Quant Time: Jun 01 03:35:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

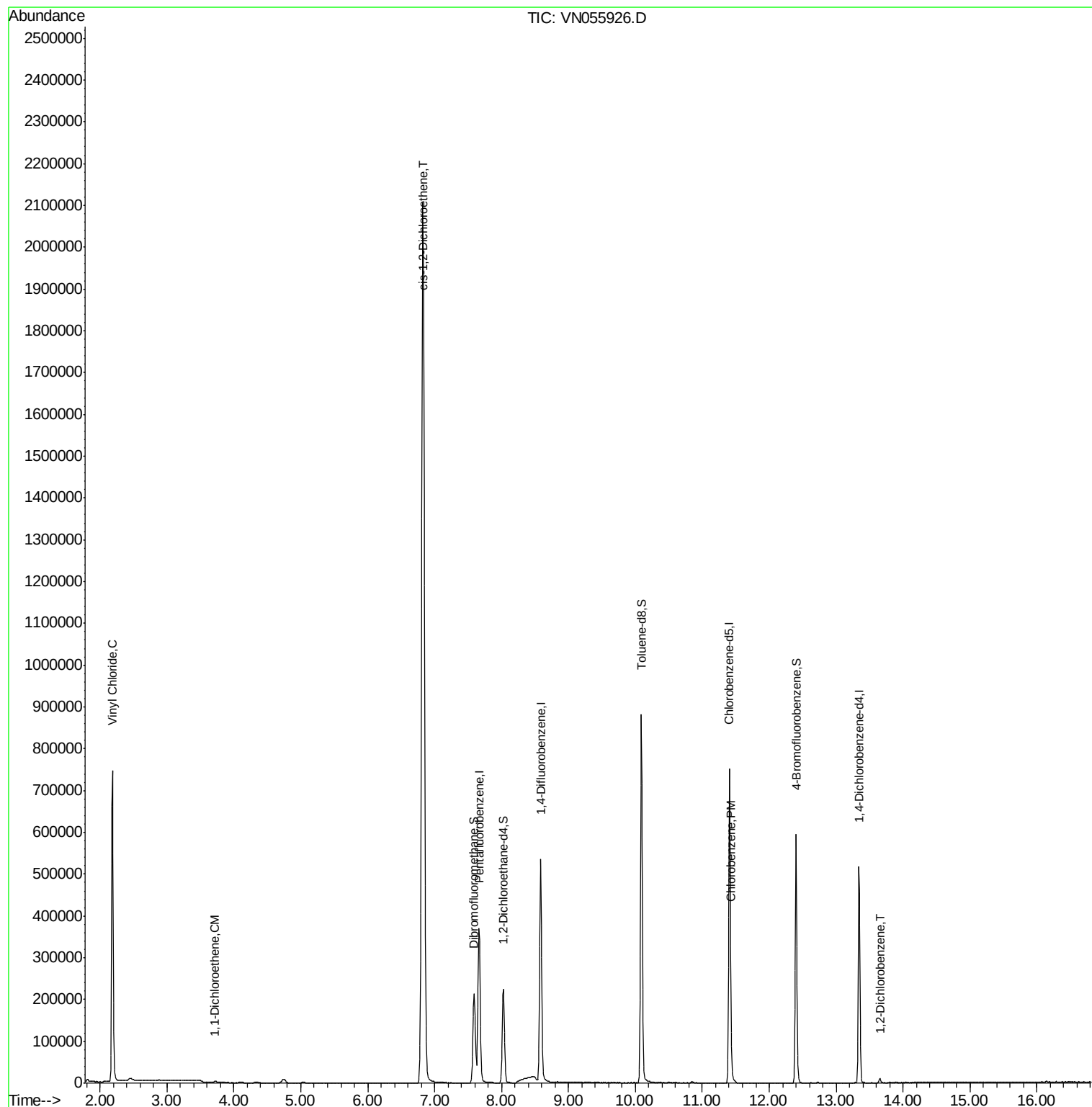
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191239	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	165732	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	662756	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.40	95	209077	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
4) Vinyl Chloride	2.19	62	708127	202.497	ug/l	100
12) 1,1-Dichloroethene	3.72	96	2252	0.762	ug/l	92
27) cis-1,2-Dichloroethene	6.82	96	1506375	406.426	ug/l	90
65) Chlorobenzene	11.43	112	23438	2.459	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	5771	1.098	ug/l	97

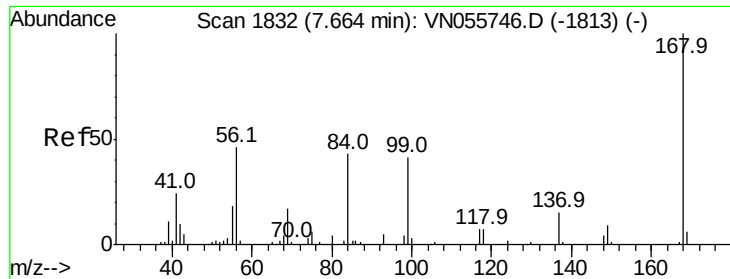
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
Data File : VN055926.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 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: VN055926.D

Acq: 31 May 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

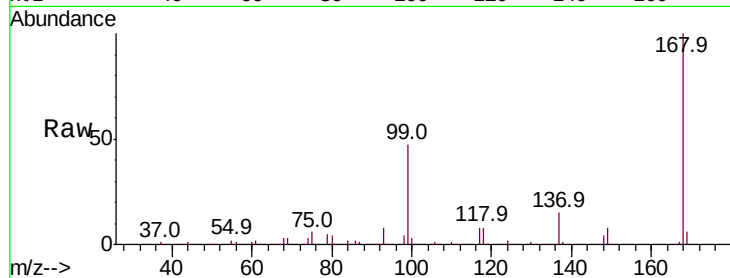
SS032MW008-190528

Tot Ion:168 Resp: 347700

Ion Ratio Lower Upper

168 100

99 47.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

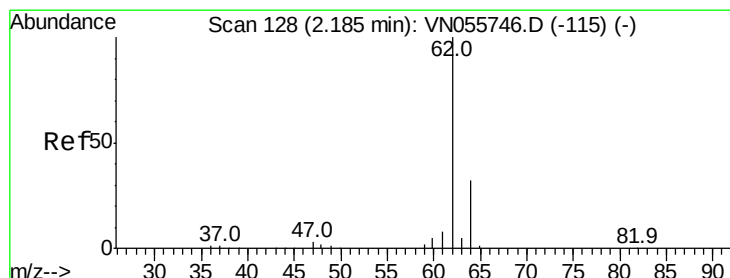
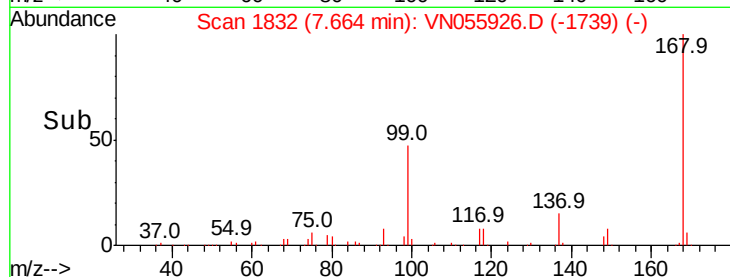
100000

50000

0

Time-->

7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 202.497 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055926.D

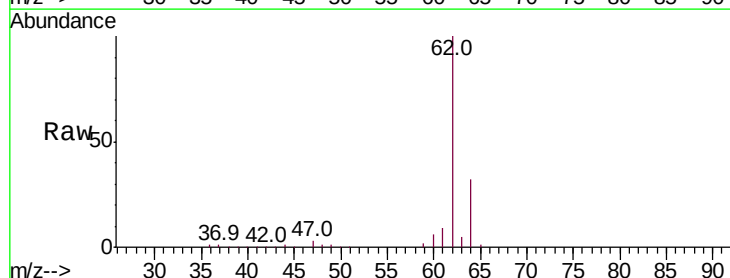
Acq: 31 May 2019 18:04

Tgt Ion: 62 Resp: 708127

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

500000

400000

300000

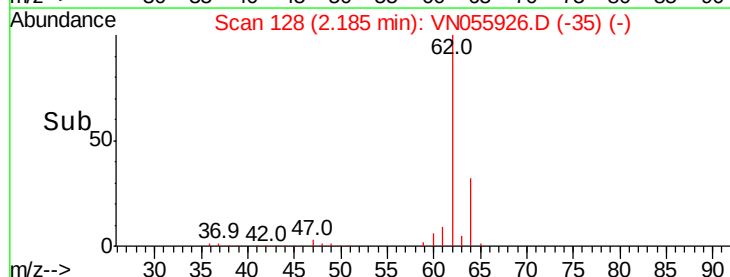
200000

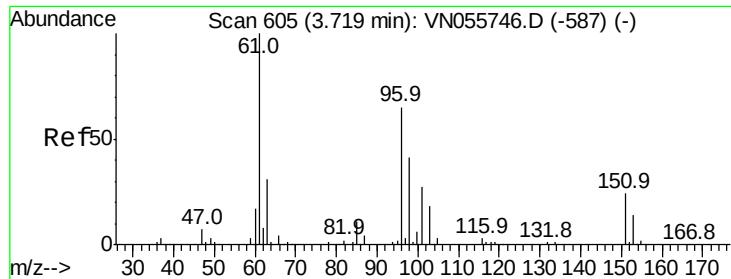
100000

0

Time-->

2.10 2.20 2.30





#12

1,1-Dichloroethene

Concen: 0.762 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

SS032MW008-190528

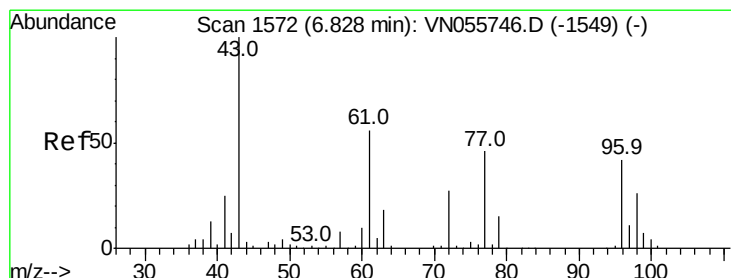
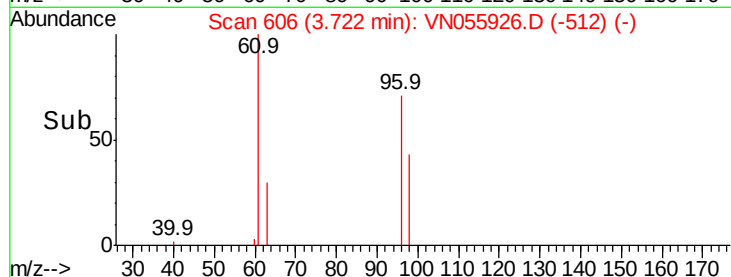
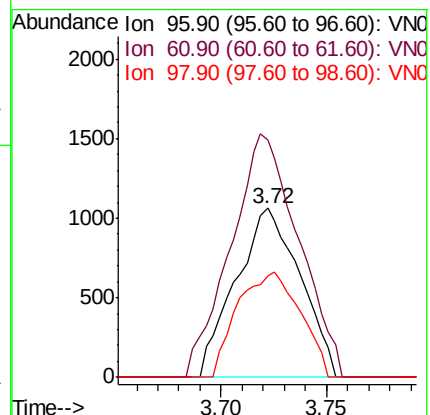
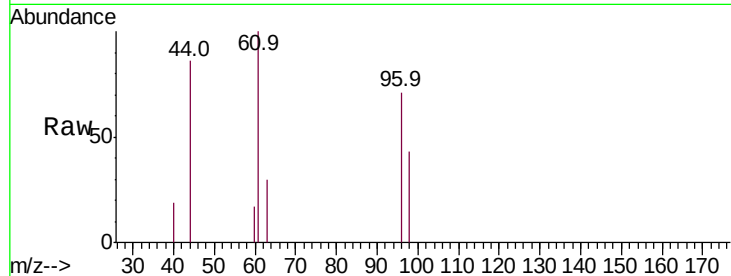
Tot Ion: 96 Resp: 2252

Ion Ratio Lower Upper

96 100

61 140.7 123.2 184.8

98 60.1 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 406.426 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

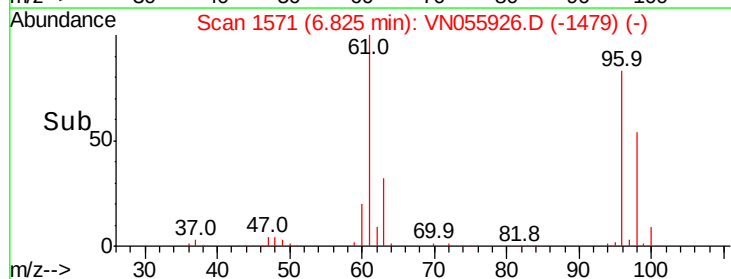
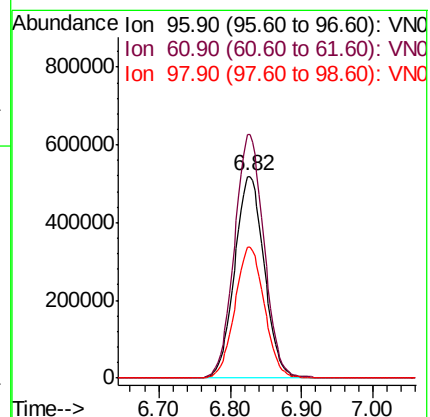
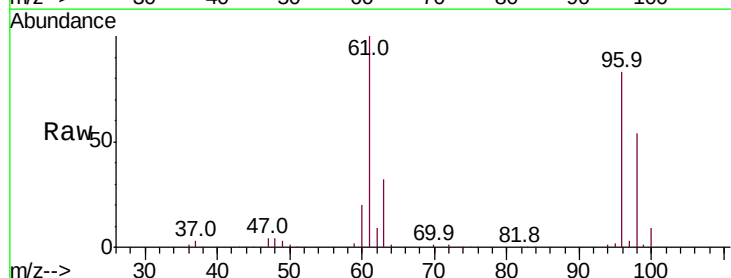
Tgt Ion: 96 Resp: 1506375

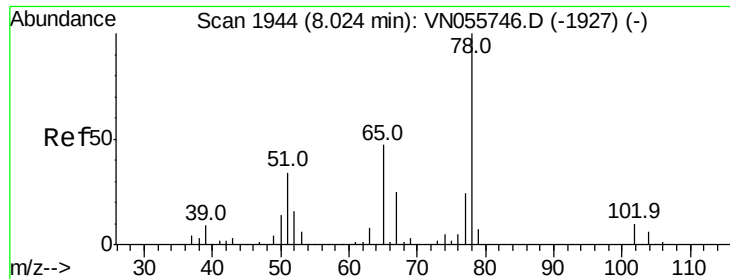
Ion Ratio Lower Upper

96 100

61 120.8 0.0 275.8

98 64.7 0.0 128.4

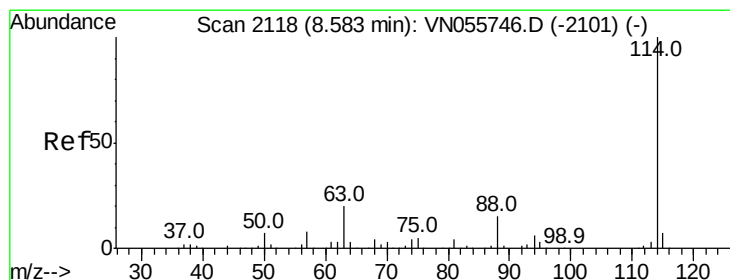
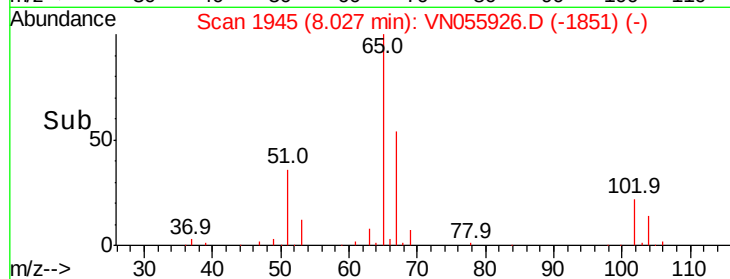
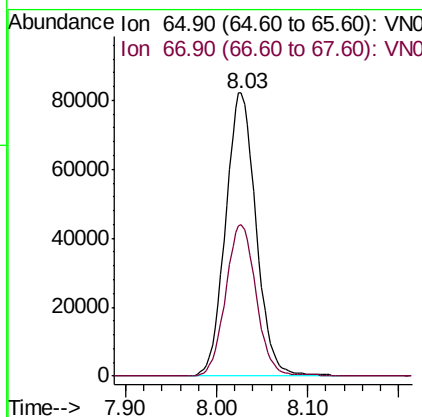
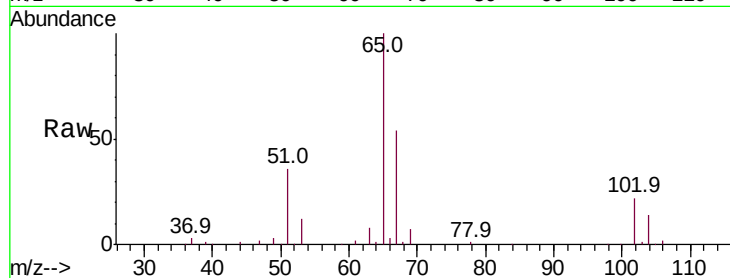




#33
 1,2-Dichloroethane-d4
 Concen: 53.259 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055926.D
 Acq: 31 May 2019 18:04

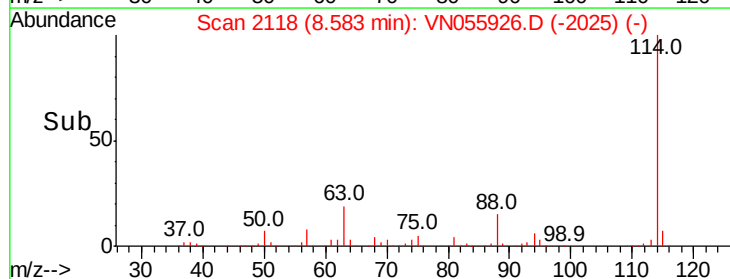
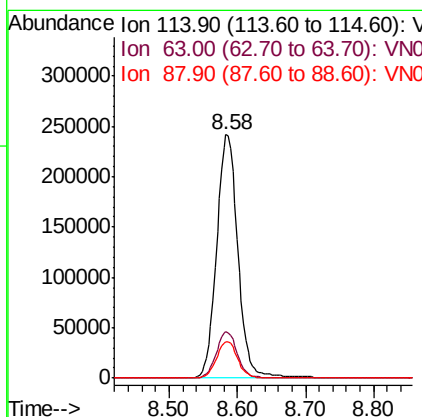
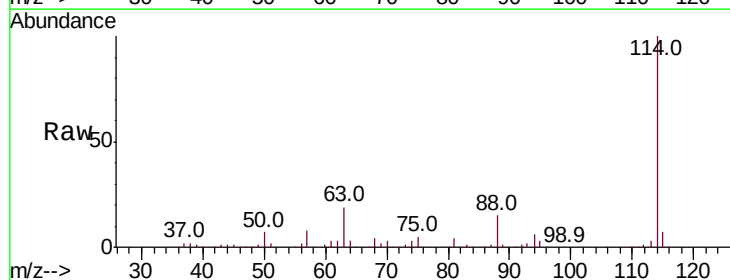
Instrument :
 MSVOA_N
 ClientSampleId :
 SS032MW008-190528

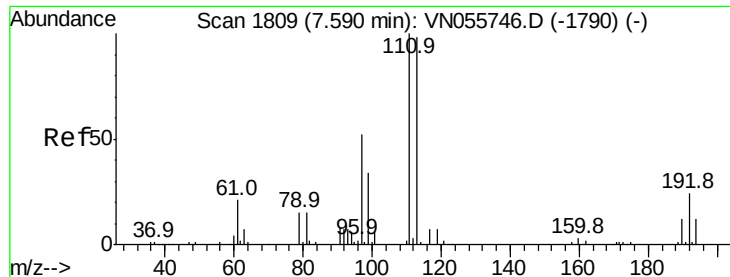
Tot Ion: 65 Resp: 191239
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055926.D
 Acq: 31 May 2019 18:04

Tgt Ion: 114 Resp: 524501
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

SS032MW008-190528

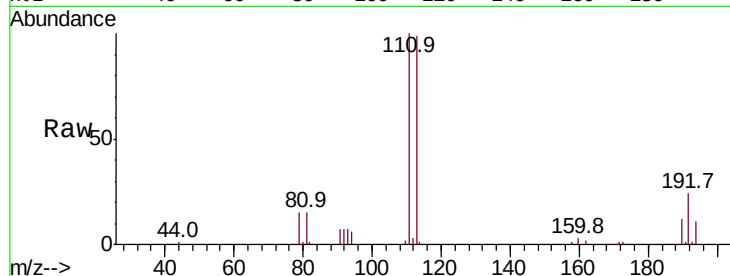
Tot Ion:113 Resp: 165732

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

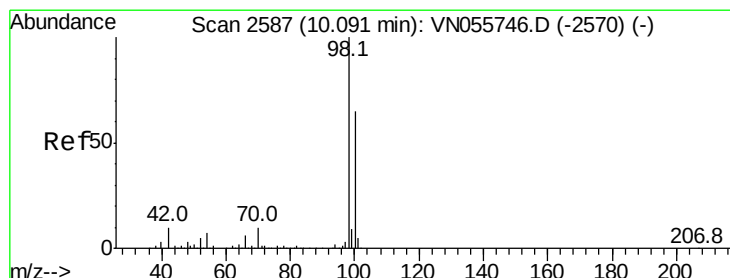
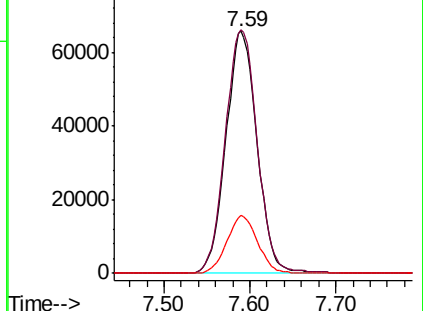
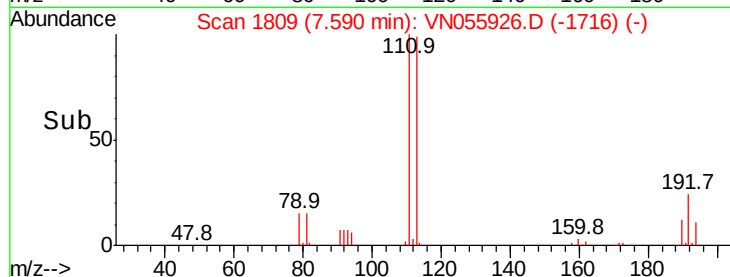
192 23.4 19.5 29.3



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: 52.103 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055926.D

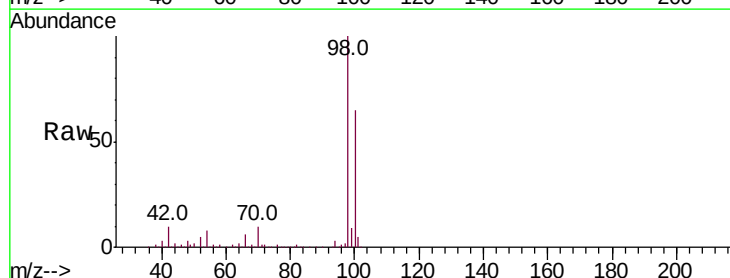
Acq: 31 May 2019 18:04

Tgt Ion: 98 Resp: 662756

Ion Ratio Lower Upper

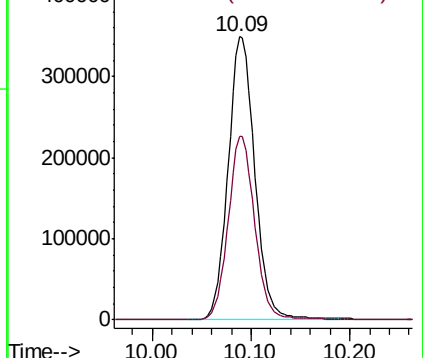
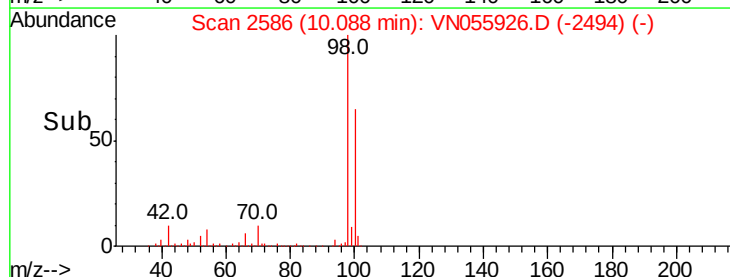
98 100

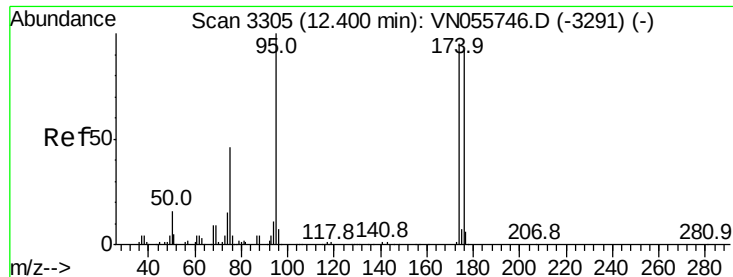
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.936 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

Instrument :

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ClientSampleId :

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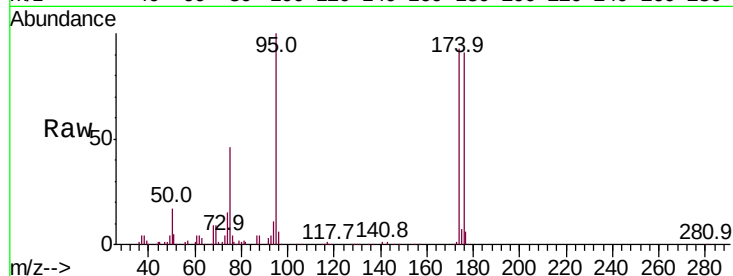
Tot Ion: 95 Resp: 209077

Ion Ratio Lower Upper

95 100

174 92.8 0.0 191.0

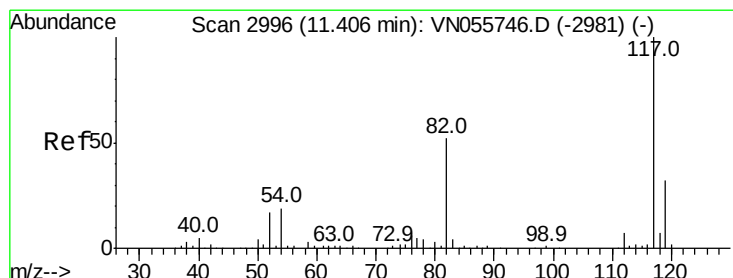
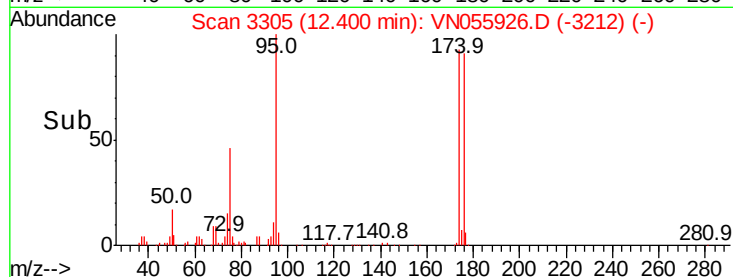
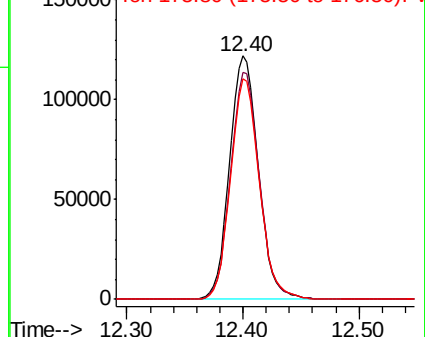
176 90.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055926.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055926.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055926.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

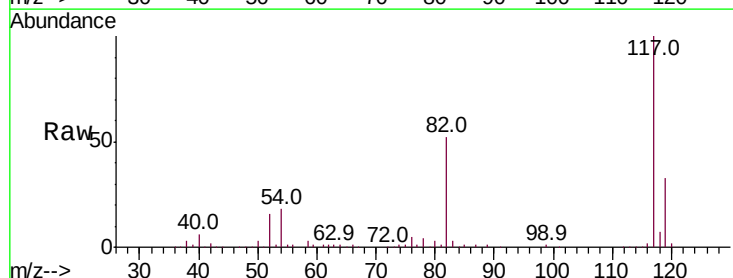
Tgt Ion: 117 Resp: 476218

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

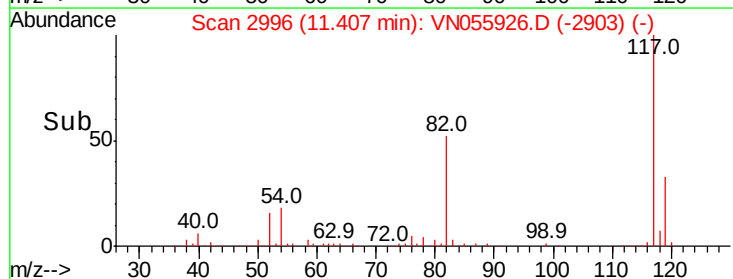
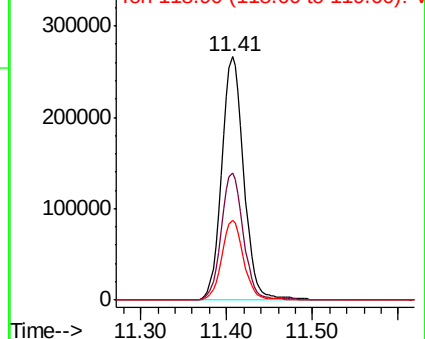
119 32.5 25.4 38.0

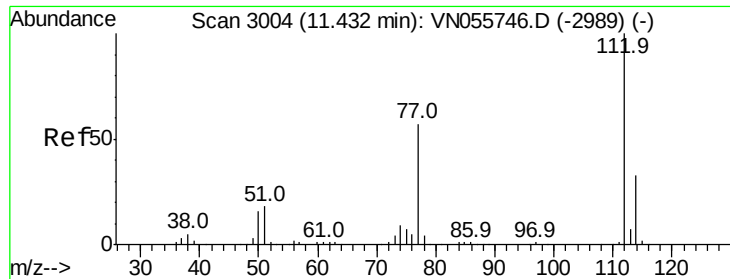


Abundance Ion 116.90 (116.60 to 117.60): VN055926.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055926.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055926.D (-2903) (-)

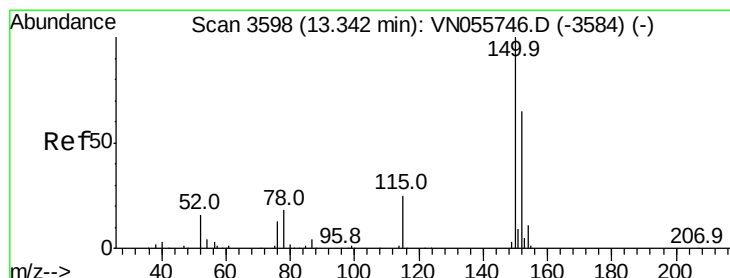
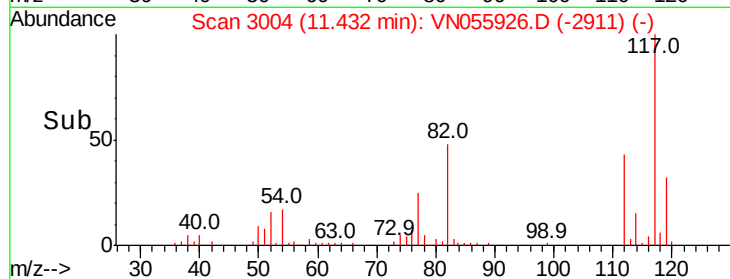
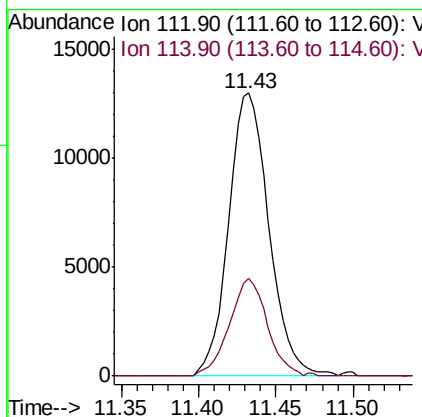
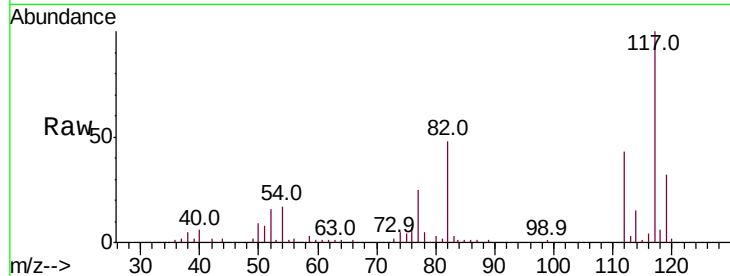




#65
 Chlorobenzene
 Concen: 2.459 ug/l
 RT: 11.43 min Scan# 3004
 Delta R.T. 0.00 min
 Lab File: VN055926.D
 Acq: 31 May 2019 18:04

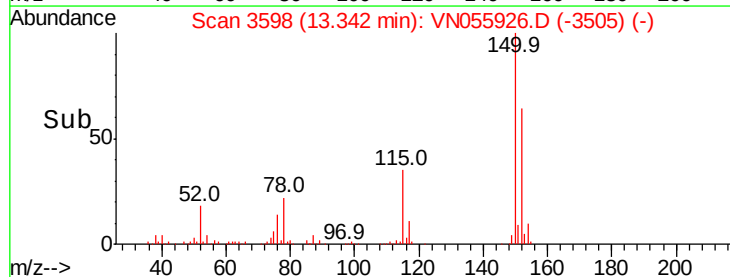
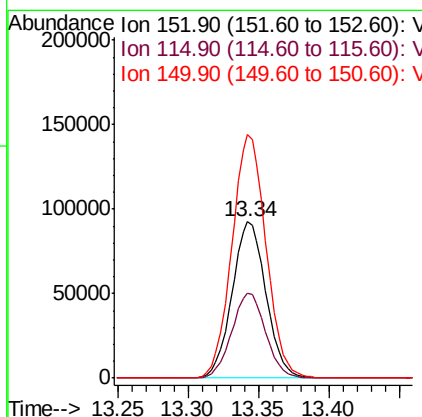
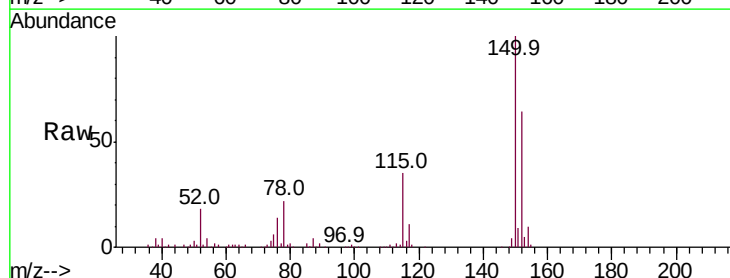
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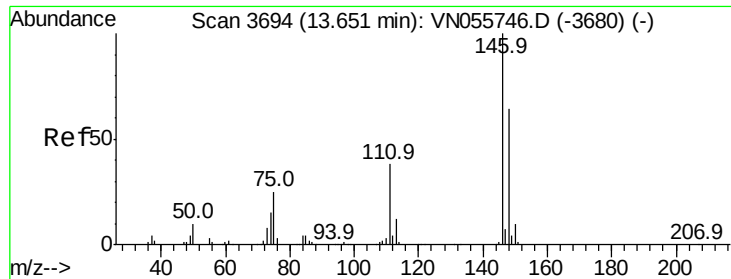
Tot Ion:112 Resp: 23438
 Ion Ratio Lower Upper
 112 100
 114 34.3 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055926.D
 Acq: 31 May 2019 18:04

Tgt Ion:152 Resp: 155856
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.0 81.0
 150 156.4 0.0 343.2





#91

1,2-Dichlorobenzene

Concen: 1.098 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055926.D

Acq: 31 May 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

SS032MW008-190528

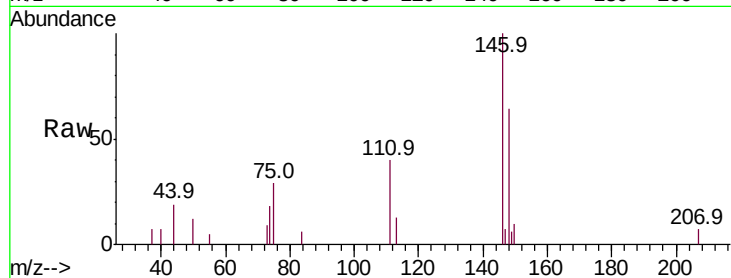
Tot Ion:146 Resp: 5771

Ion Ratio Lower Upper

146 100

111 41.1 19.1 57.5

148 62.6 31.9 95.9



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

