

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054650.D
 Acq On : 24 Mar 2019 16:07
 Operator : JC/SP
 Sample : K2047-11
 Misc : 6.27g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(22-24)

Quant Time: Mar 25 07:23:45 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	552548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	869459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	302938	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	340044	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	7.59	113	263161	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1058178	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	340582	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	

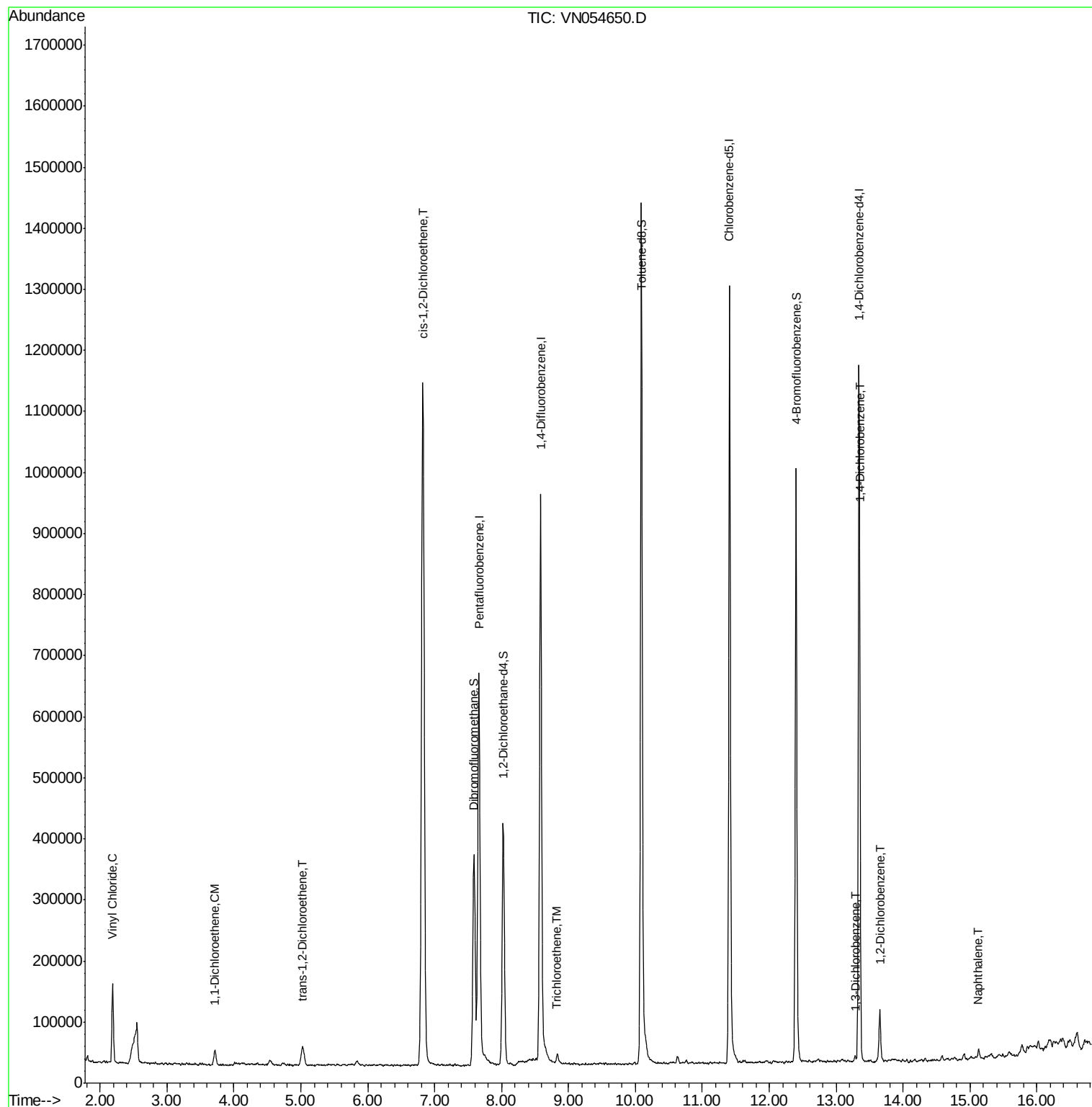
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	121070	16.779	ug/l	99
12) 1,1-Dichloroethene	3.72	96	11886	2.230	ug/l	85
21) trans-1,2-Dichloroethene	5.03	96	19021	3.495	ug/l #	83
27) cis-1,2-Dichloroethene	6.82	96	712729	109.800	ug/l	97
44) Trichloroethene	8.83	130	5526	0.855	ug/l	68
87) 1,3-Dichlorobenzene	13.28	146	3332	0.332	ug/l	84
88) 1,4-Dichlorobenzene	13.36	146	10481	1.074	ug/l	80
91) 1,2-Dichlorobenzene	13.65	146	37326	3.841	ug/l	96
95) Naphthalene	15.13	128	8577	0.794	ug/l	97

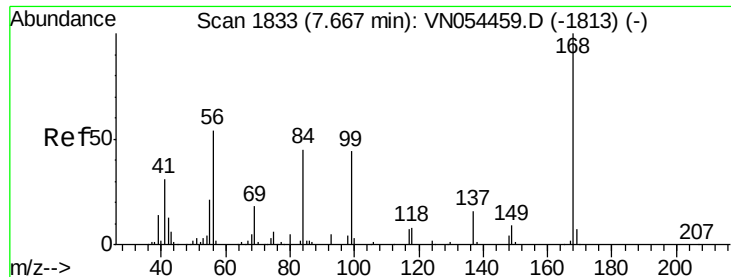
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032419\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 25 07:23:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
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# 1831

Delta R.T. -0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

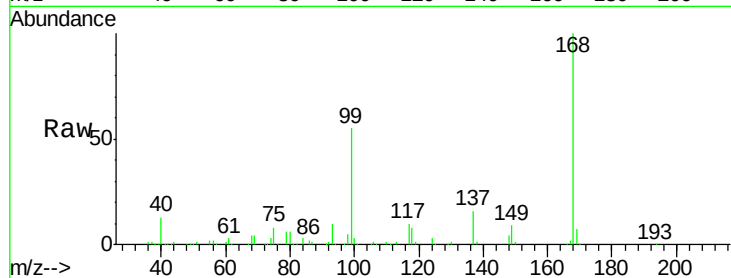
WP022SB435-190318-(22-24)

Tot Ion:168 Resp: 552548

Ion Ratio Lower Upper

168 100

99 54.8 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

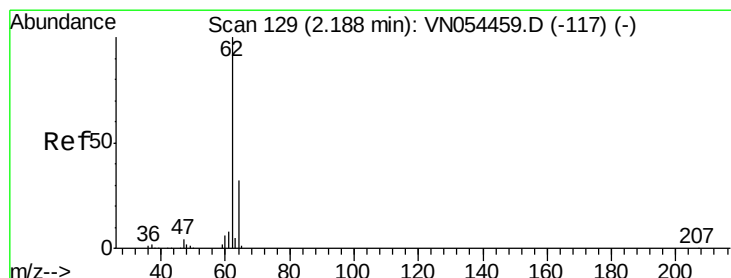
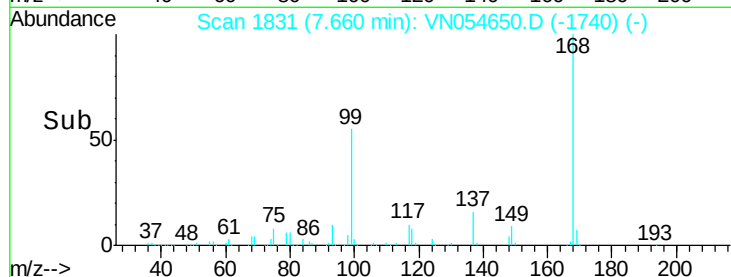
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 16.779 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054650.D

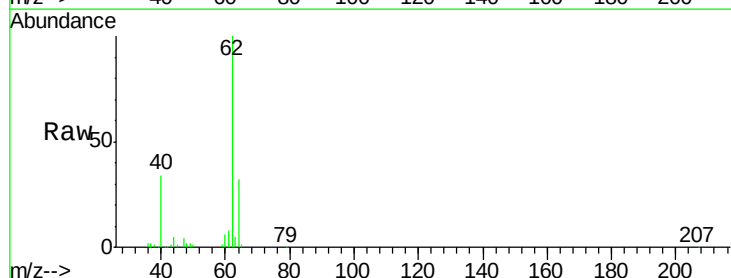
Acq: 24 Mar 2019 16:07

Tgt Ion: 62 Resp: 121070

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

80000

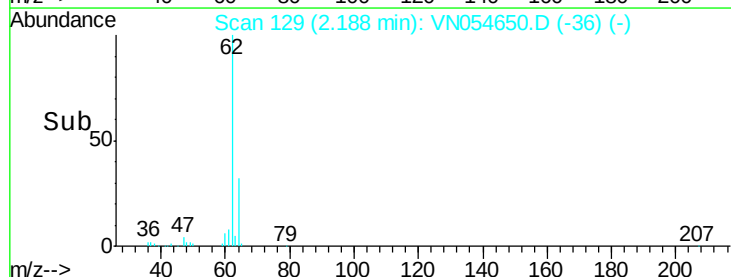
60000

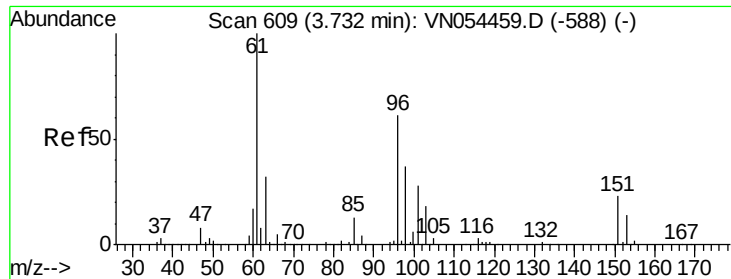
40000

20000

0

Time-->

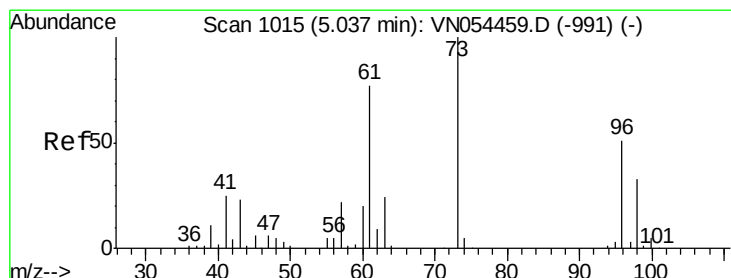
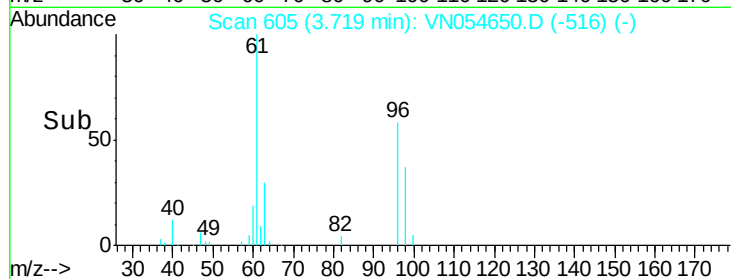
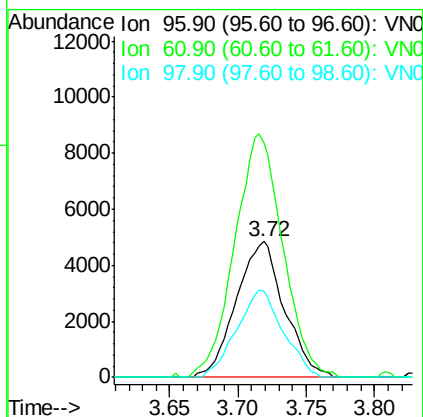
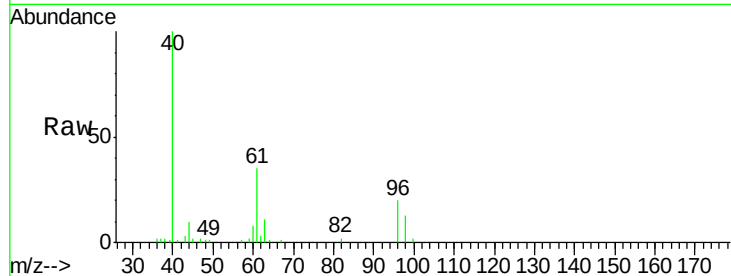




#12
 1,1-Dichloroethene
 Concen: 2.230 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

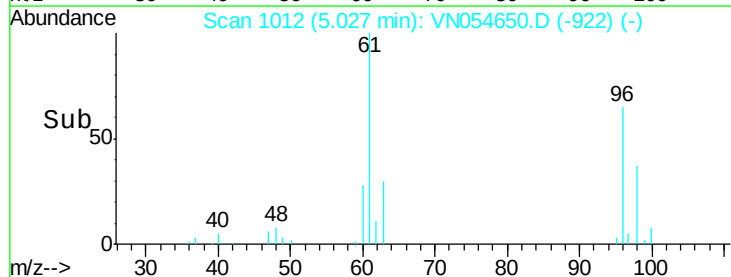
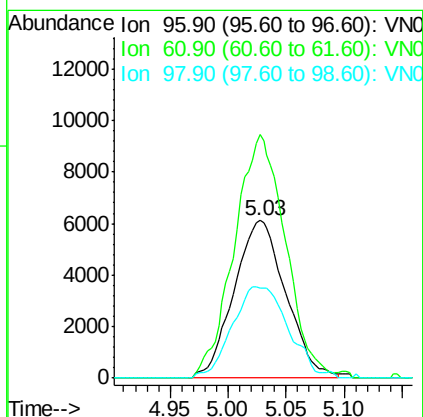
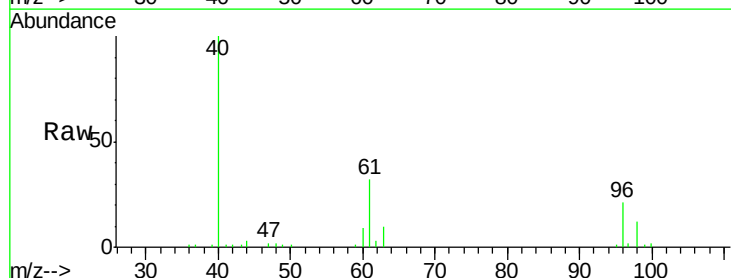
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(22-24)

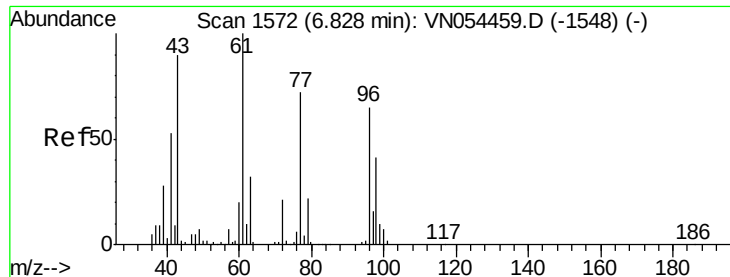
Tot Ion: 96 Resp: 11886
 Ion Ratio Lower Upper
 96 100
 61 173.1 116.5 174.7
 98 63.5 51.0 76.4



#21
 trans-1,2-Dichloroethene
 Concen: 3.495 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion: 96 Resp: 19021
 Ion Ratio Lower Upper
 96 100
 61 154.5 102.8 154.2#
 98 57.3 50.0 75.0





#27

cis-1,2-Dichloroethene

Concen: 109.800 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(22-24)

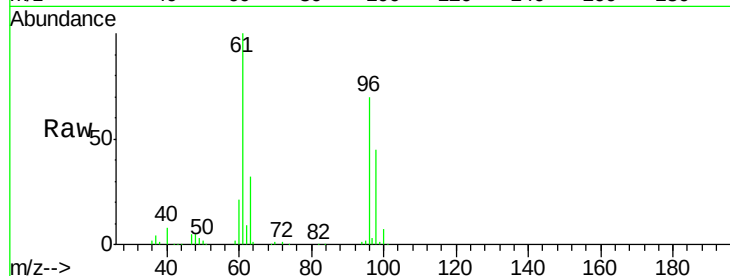
Tot Ion: 96 Resp: 712729

Ion Ratio Lower Upper

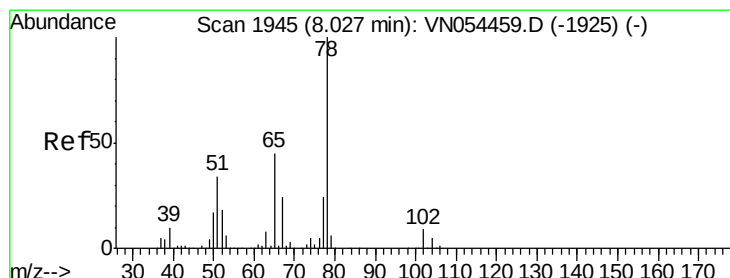
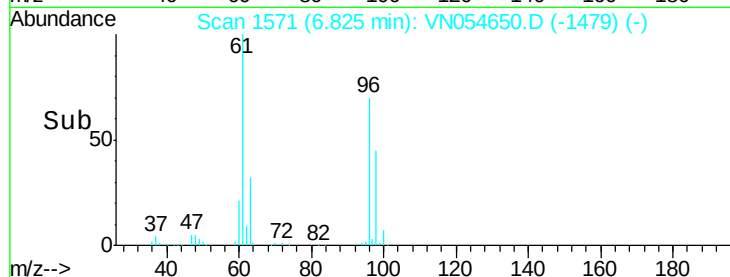
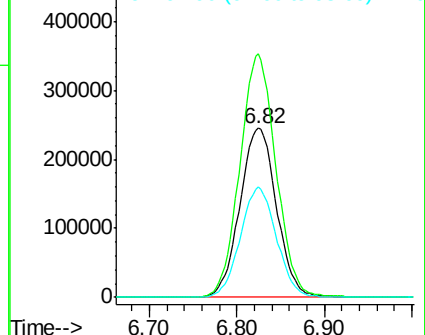
96 100

61 141.6 0.0 273.0

98 64.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.477 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054650.D

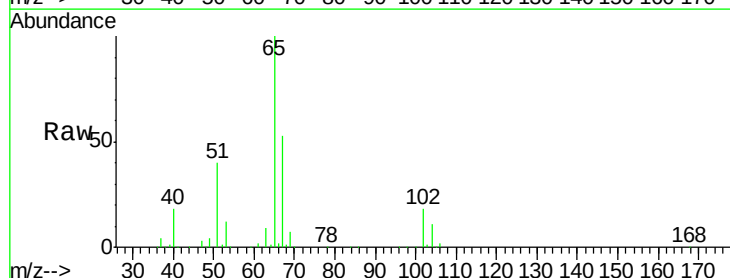
Acq: 24 Mar 2019 16:07

Tgt Ion: 65 Resp: 340044

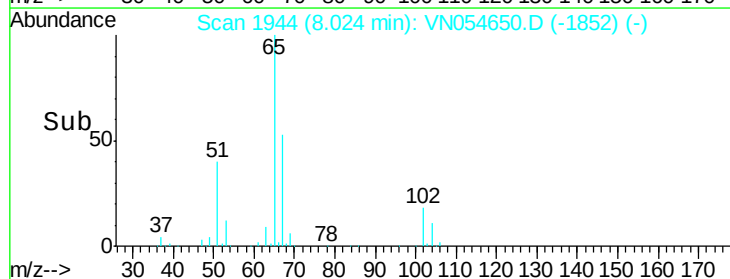
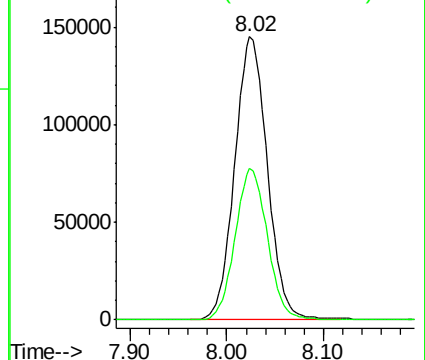
Ion Ratio Lower Upper

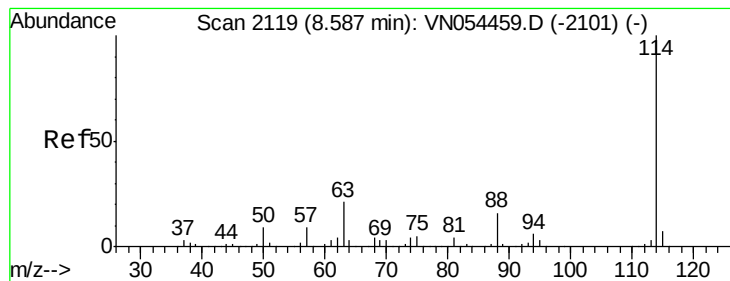
65 100

67 52.9 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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(22-24)

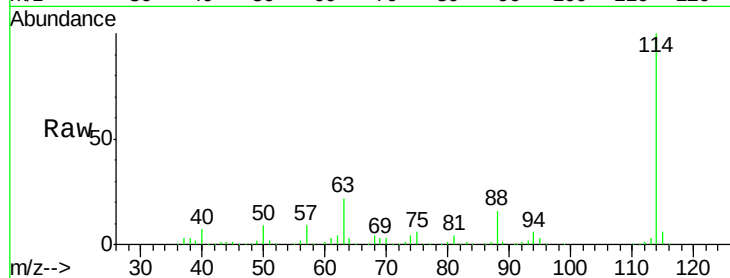
Tot Ion:114 Resp: 869459

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.2

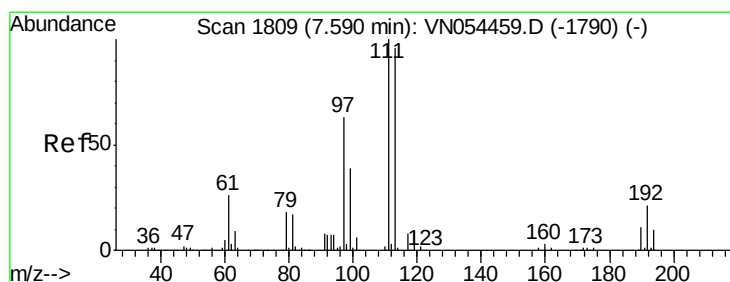
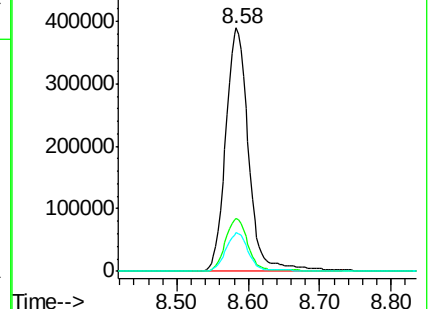
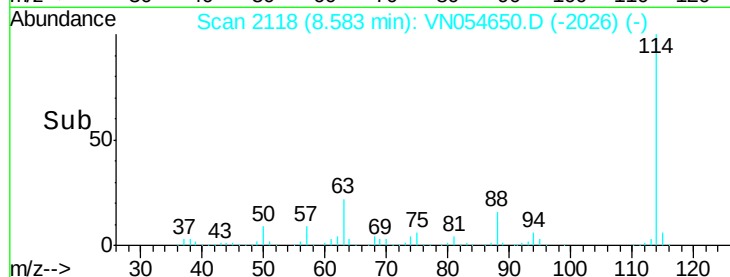
88 15.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

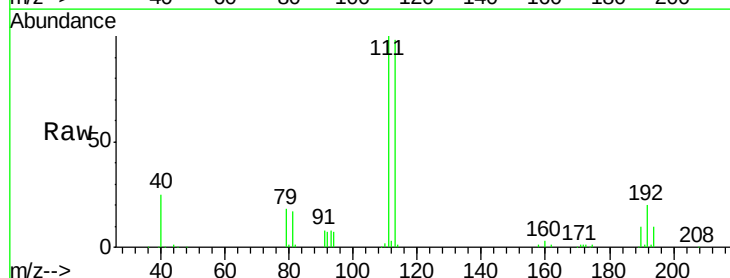
Tgt Ion:113 Resp: 263161

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

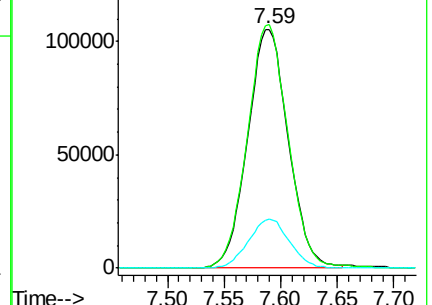
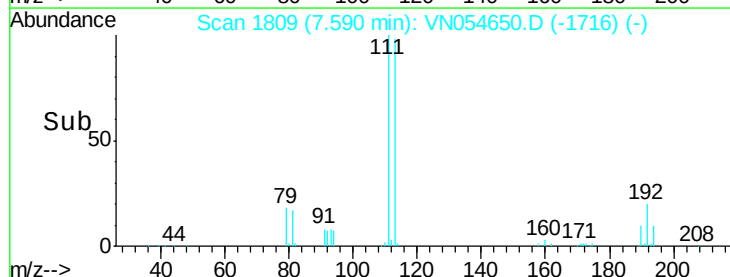
192 20.7 19.2 28.8

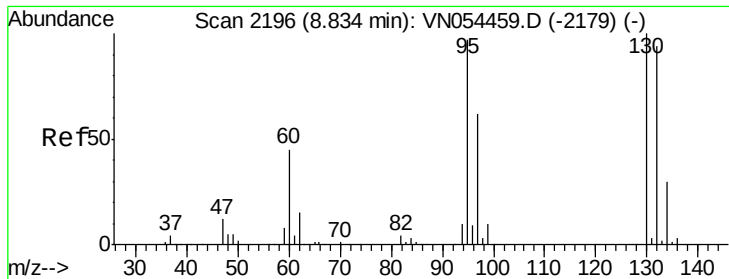


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.855 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

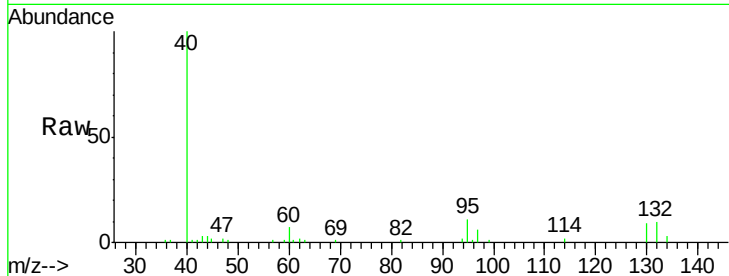
WP022SB435-190318-(22-24)

Tot Ion:130 Resp: 5526

Ion Ratio Lower Upper

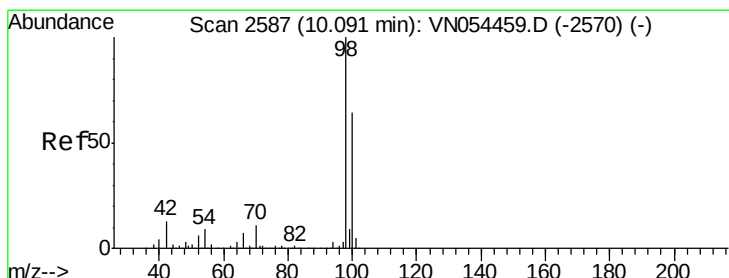
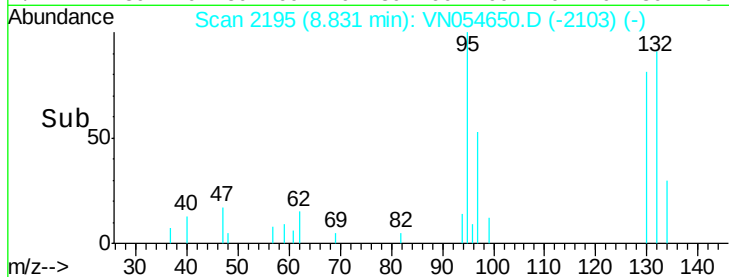
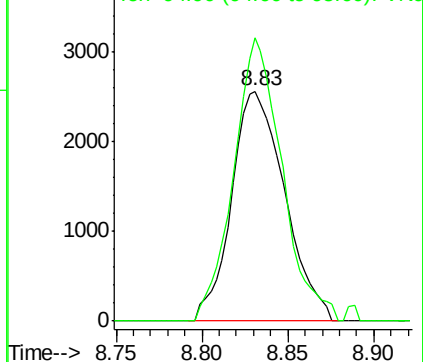
130 100

95 123.1 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)



#50

Toluene-d8

Concen: 50.250 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054650.D

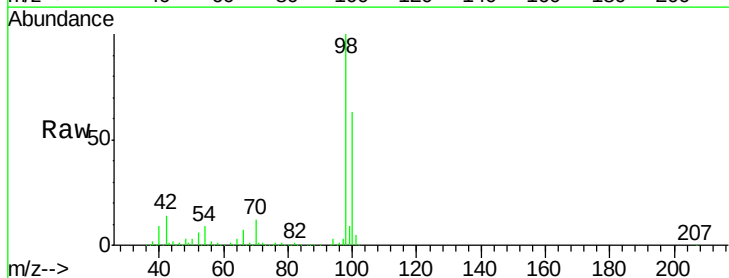
Acq: 24 Mar 2019 16:07

Tgt Ion: 98 Resp: 1058178

Ion Ratio Lower Upper

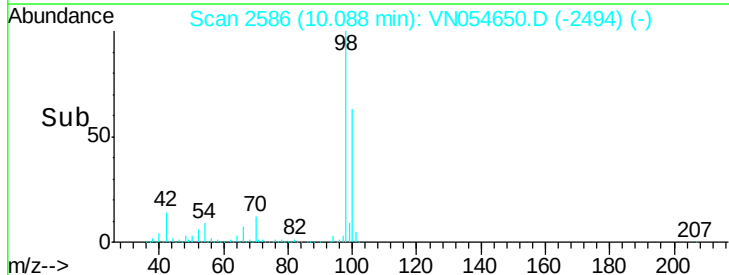
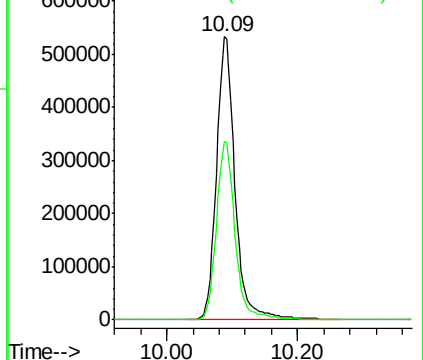
98 100

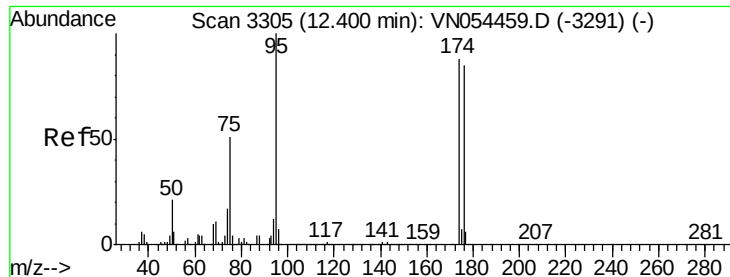
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 47.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

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WP022SB435-190318-(22-24)

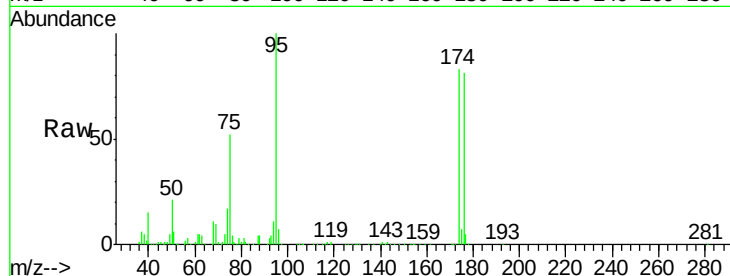
Tot Ion: 95 Resp: 340582

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

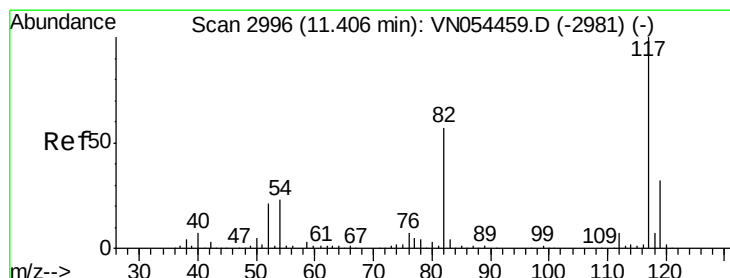
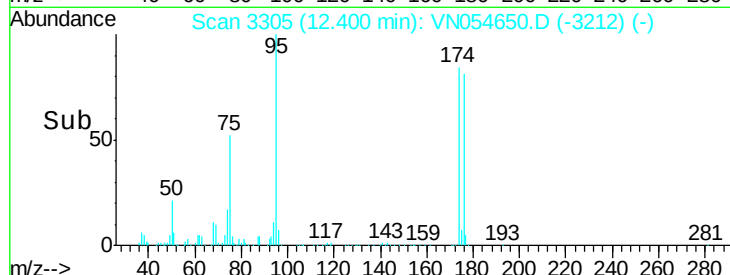
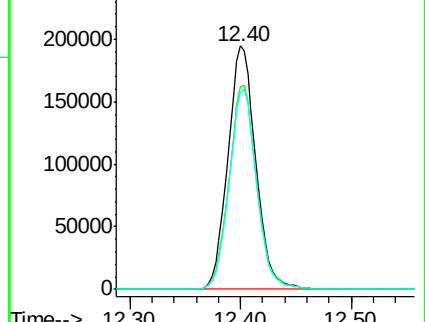
176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054650.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054650.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054650.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

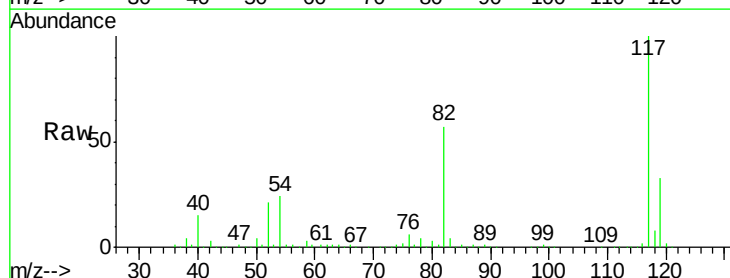
Tgt Ion: 117 Resp: 742055

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

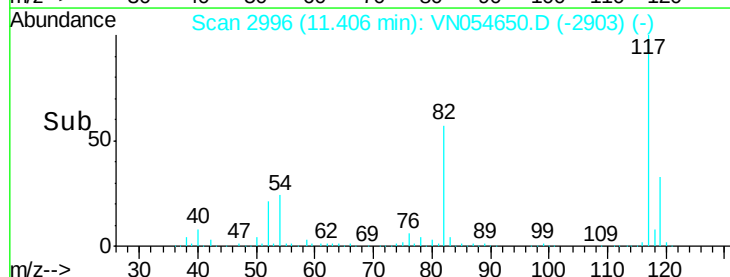
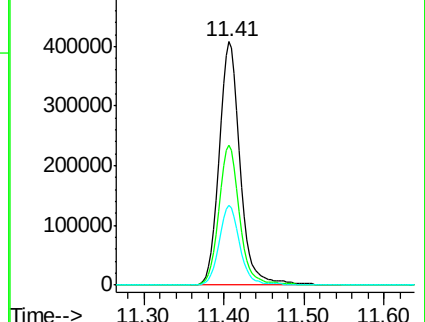
119 32.8 25.8 38.6

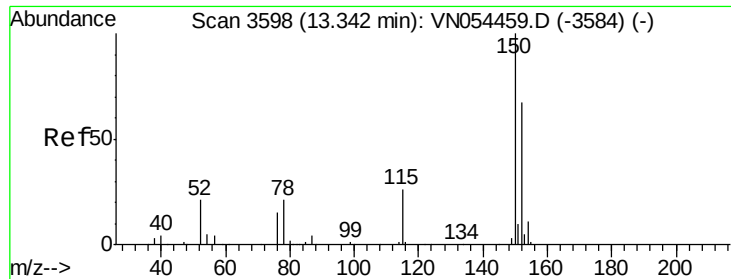


Abundance Ion 116.90 (116.60 to 117.60): VN054650.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054650.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054650.D (-2903) (-)



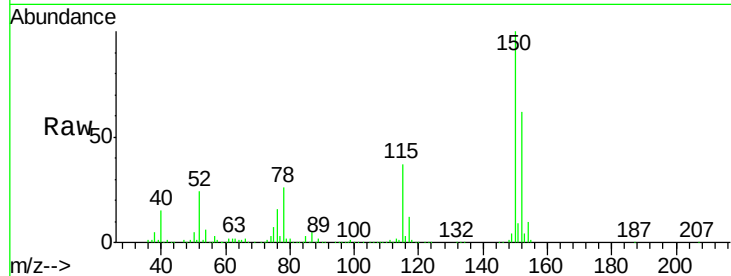


#72

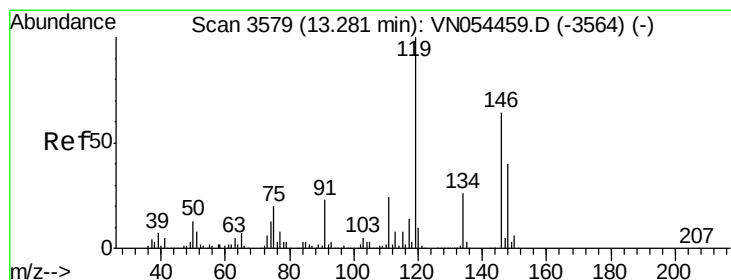
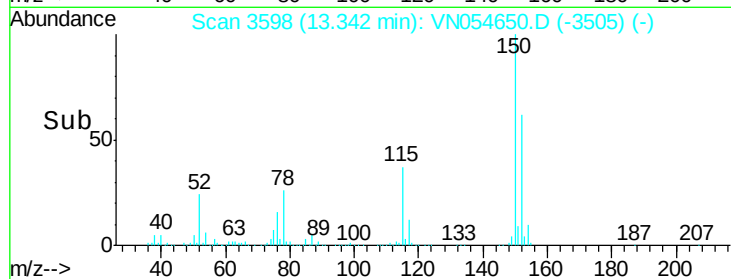
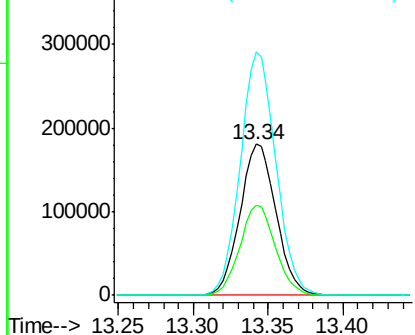
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
WP022SB435-190318-(22-24)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.2	81.6
150	159.5	0.0	349.2



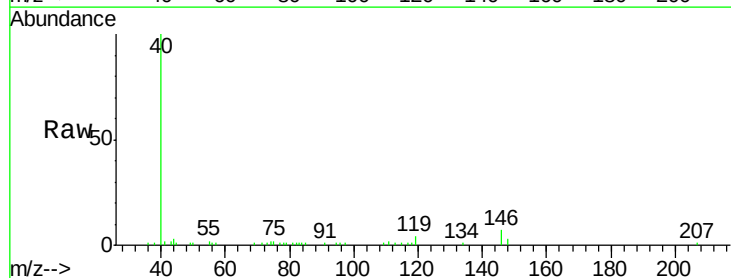
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



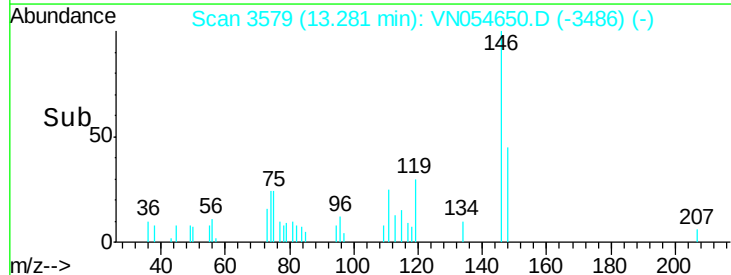
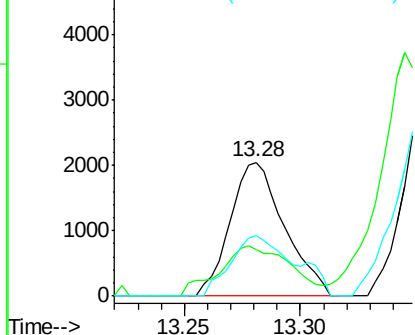
#87

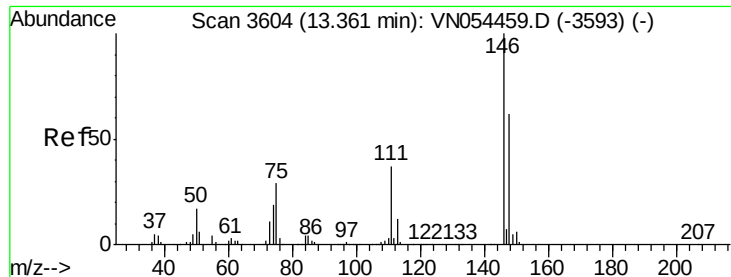
1,3-Dichlorobenzene
Concen: 0.332 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.1	18.8	56.3
148	53.0	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

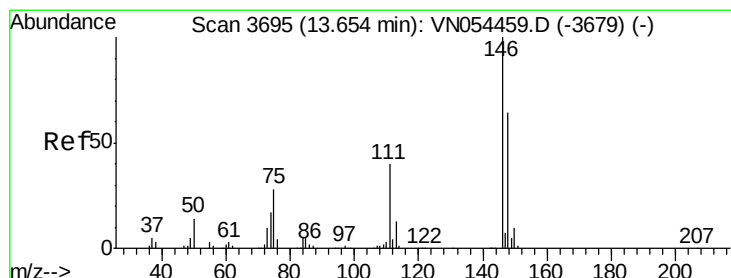
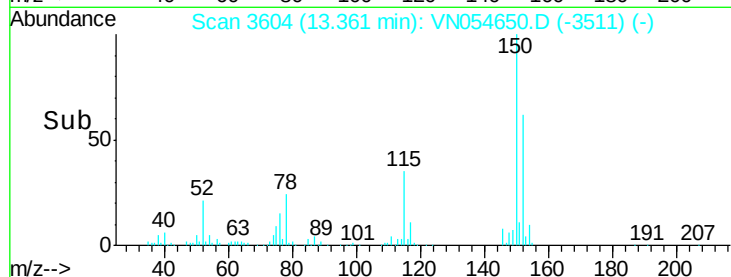
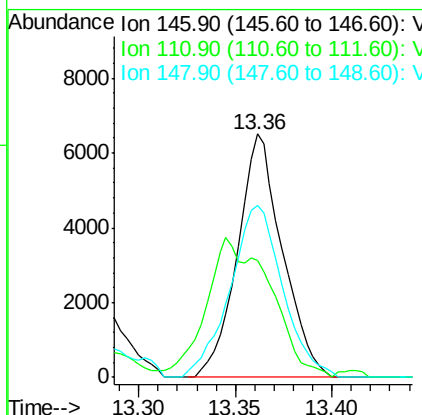
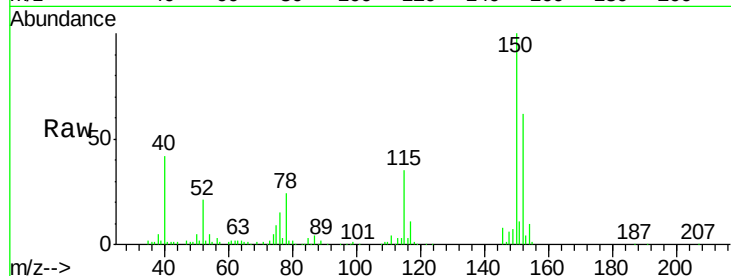




#88
 1,4-Dichlorobenzene
 Concen: 1.074 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

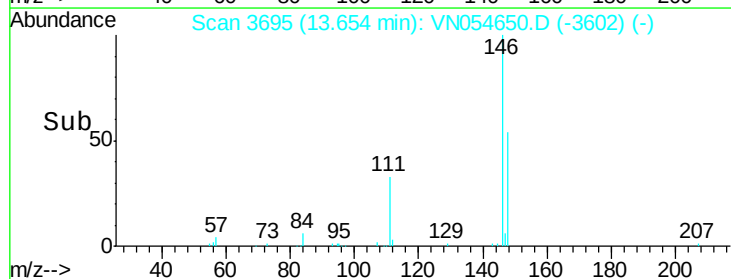
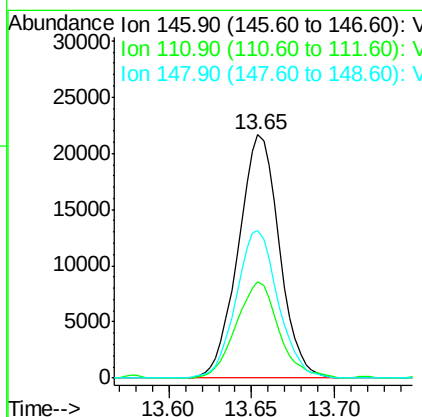
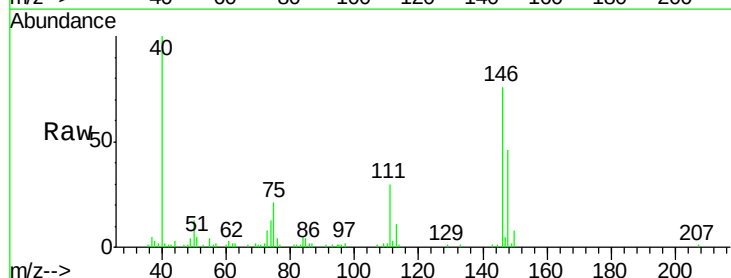
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB435-190318-(22-24)

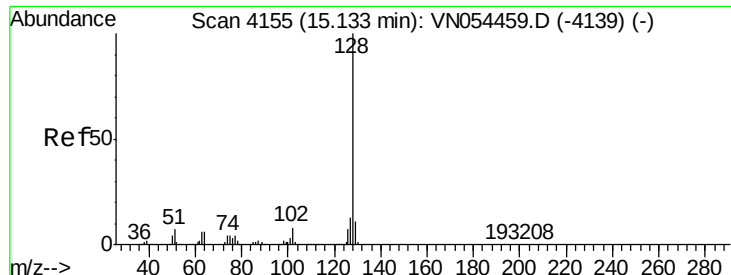
Tot Ion:146 Resp: 10481
 Ion Ratio Lower Upper
 146 100
 111 43.6 18.1 54.1
 148 82.9 32.0 96.0



#91
 1,2-Dichlorobenzene
 Concen: 3.841 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion:146 Resp: 37326
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.1 57.3
 148 62.0 32.4 97.0





#95

Naphthalene

Concen: 0.794 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

WP022SB435-190318-(22-24)

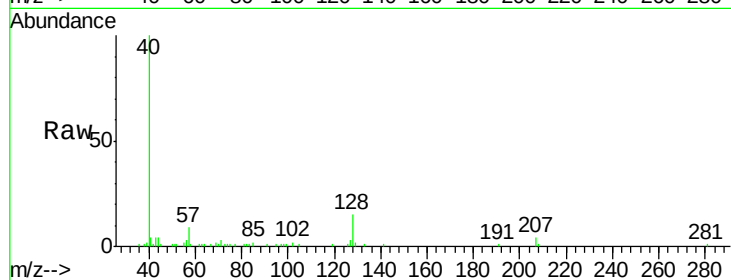
Tot Ion:128 Resp: 8577

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

129 11.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

