

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
 Data File : VN054587.D
 Acq On : 23 Mar 2019 5:33
 Operator : JC/SP
 Sample : K2045-13ME
 Misc : 5.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Mar 25 02:00:46 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

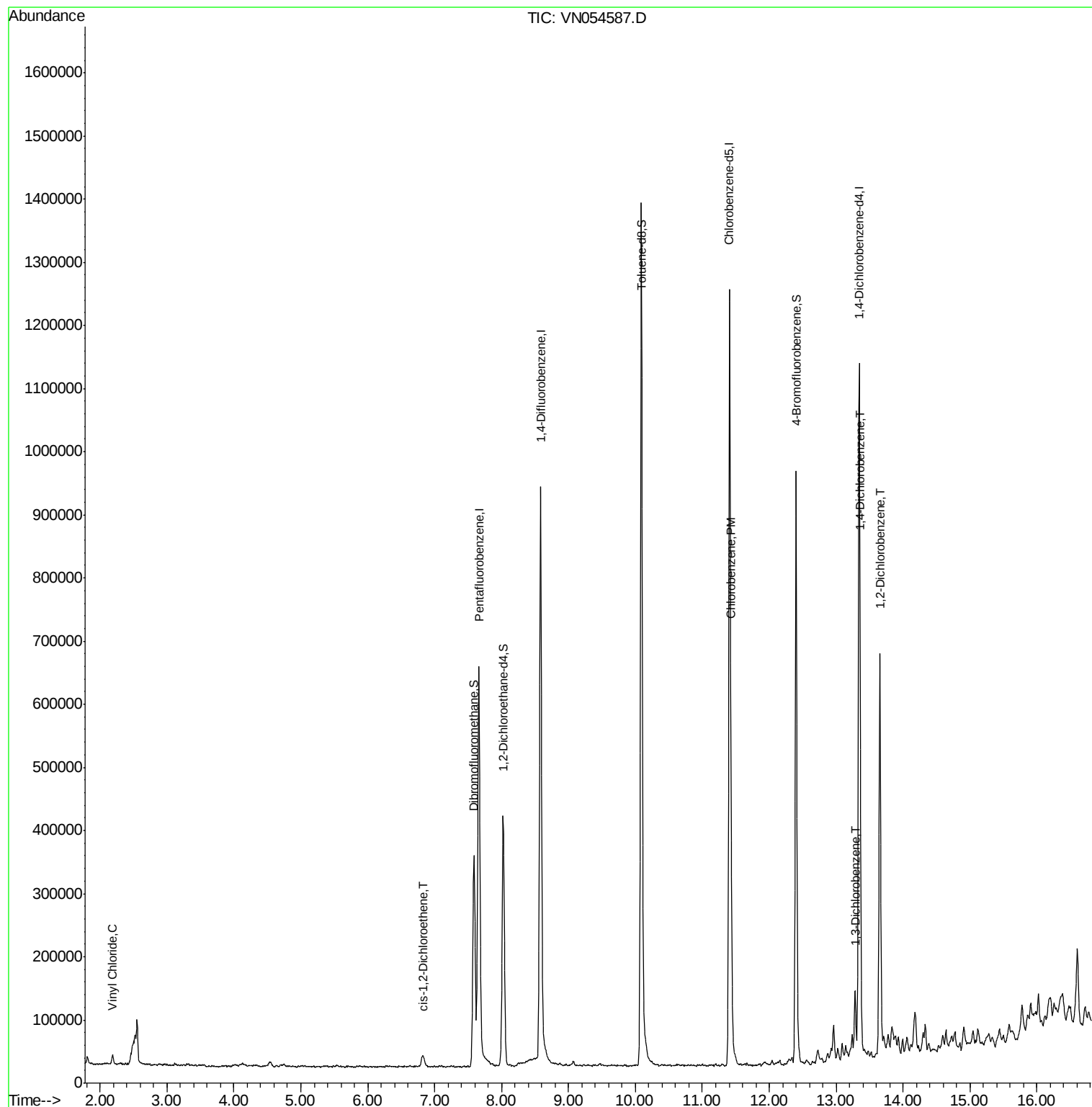
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	549191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	847115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	712256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	282514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	337836	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	249074	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	10.09	98	1011252	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	321365	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
4) Vinyl Chloride	2.19	62	11944	1.665	ug/l	96
27) cis-1,2-Dichloroethene	6.82	96	12399	1.922	ug/l	99
65) Chlorobenzene	11.43	112	112230	7.747	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	30955	3.308	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	86570	9.509	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	248787	27.452	ug/l	96

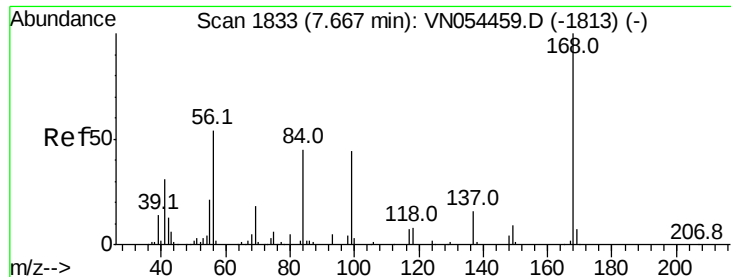
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054587.D

Acq: 23 Mar 2019 5:33

Instrument :

MSVOA_N

ClientSampleId :

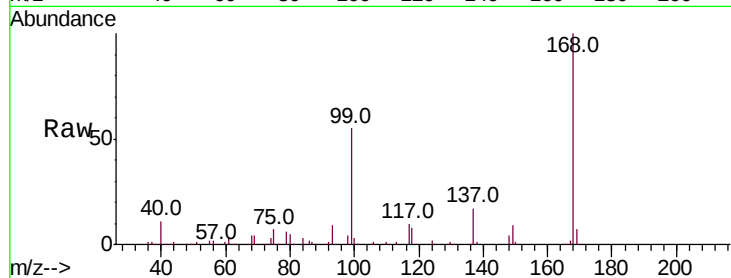
WP022SB436-190320-(20-22)ME

Tot Ion:168 Resp: 549191

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

7.66

250000

200000

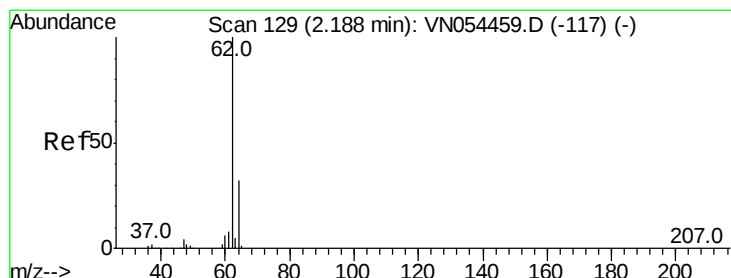
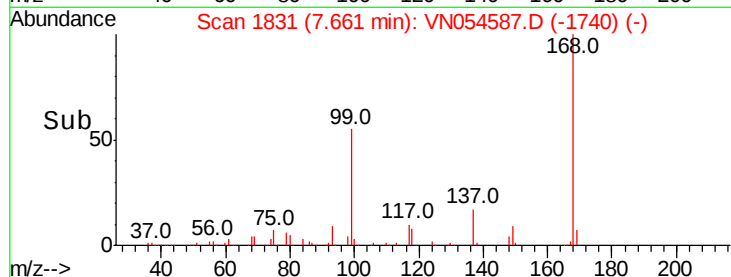
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 1.665 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054587.D

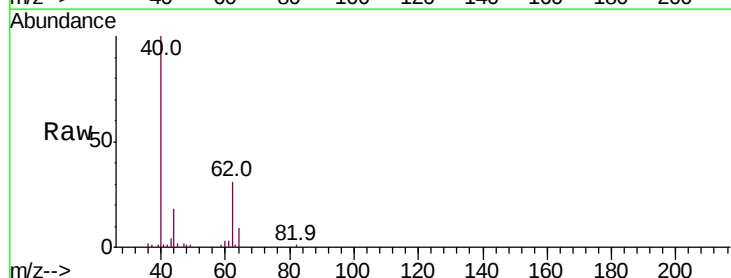
Acq: 23 Mar 2019 5:33

Tgt Ion: 62 Resp: 11944

Ion Ratio Lower Upper

62 100

64 29.4 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

8000

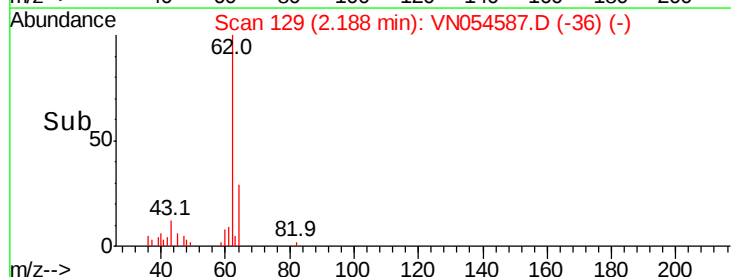
6000

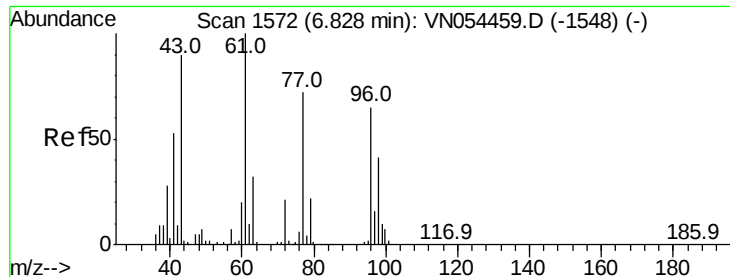
4000

2000

0

Time--> 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 1.922 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054587.D

Acq: 23 Mar 2019 5:33

Instrument :

MSVOA_N

ClientSampleId :

WP022SB436-190320-(20-22)ME

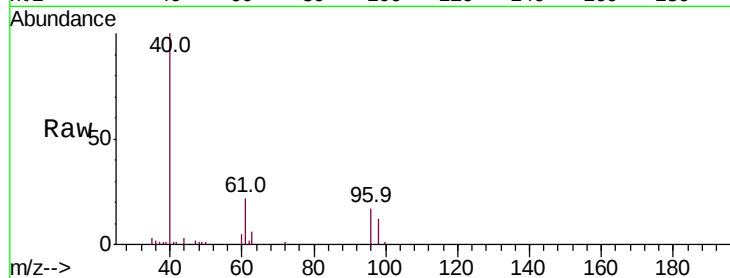
Tot Ion: 96 Resp: 12399

Ion Ratio Lower Upper

96 100

61 135.6 0.0 273.0

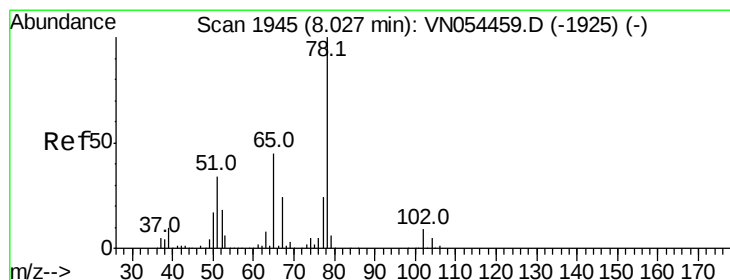
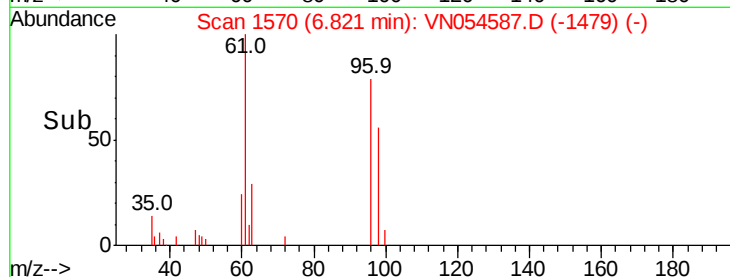
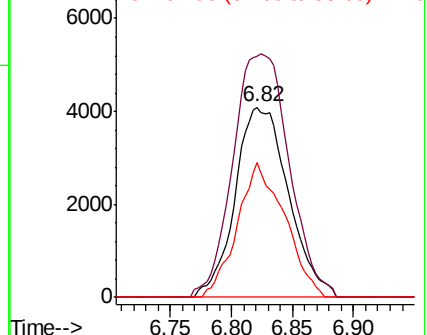
98 62.9 0.0 130.6



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: 49.456 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054587.D

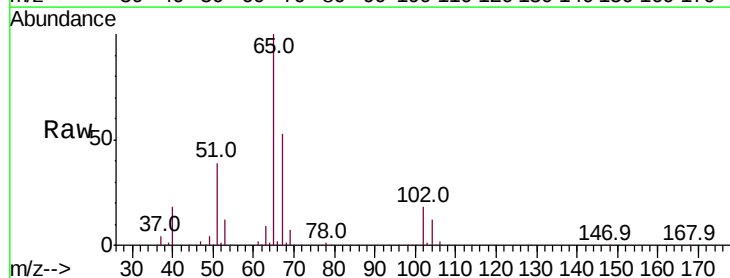
Acq: 23 Mar 2019 5:33

Tgt Ion: 65 Resp: 337836

Ion Ratio Lower Upper

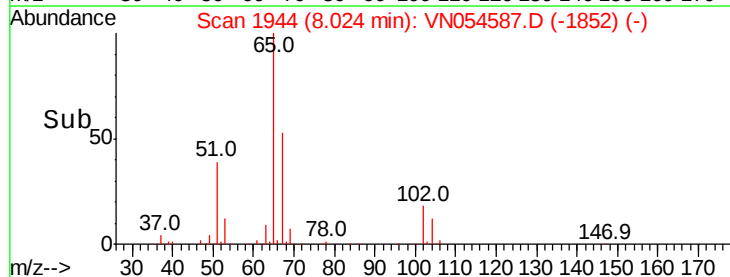
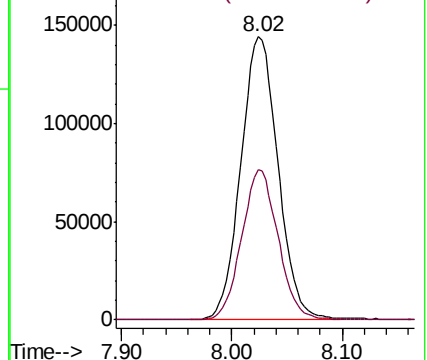
65 100

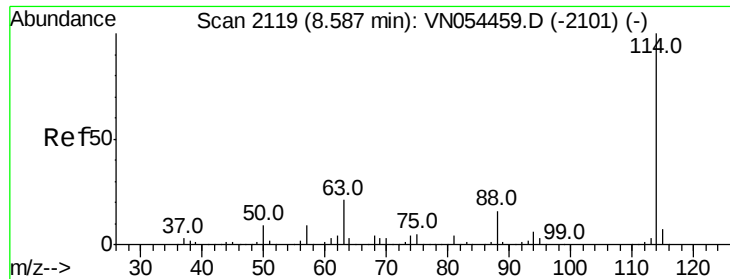
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

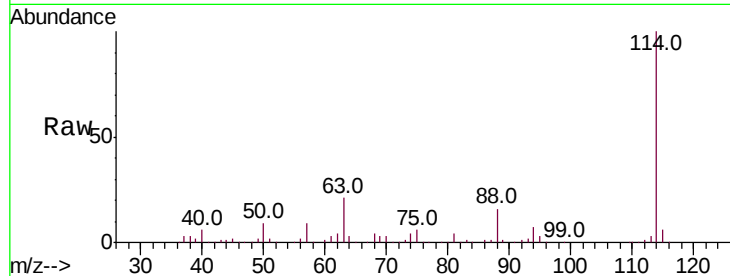




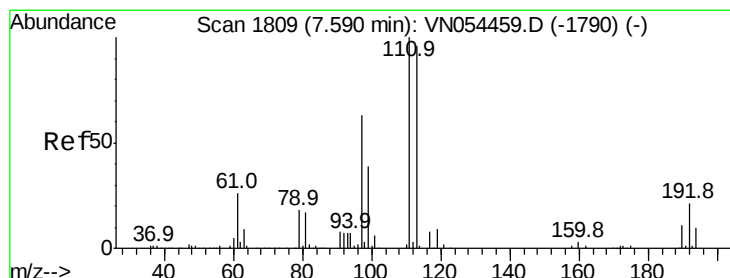
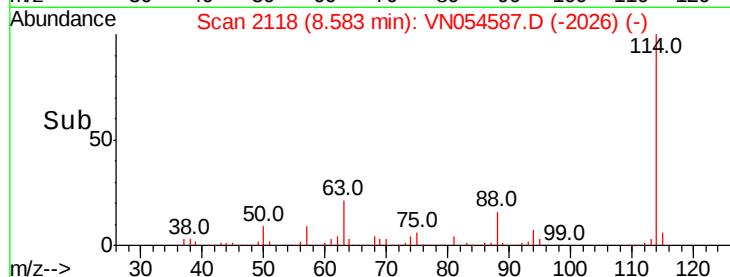
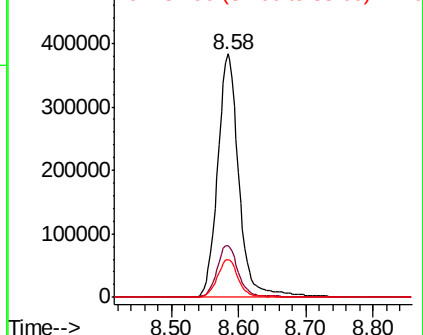
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054587.D
 Acq: 23 Mar 2019 5:33

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

Tot Ion:	114	Resp:	847115
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	35.2
88	15.7	0.0	30.2

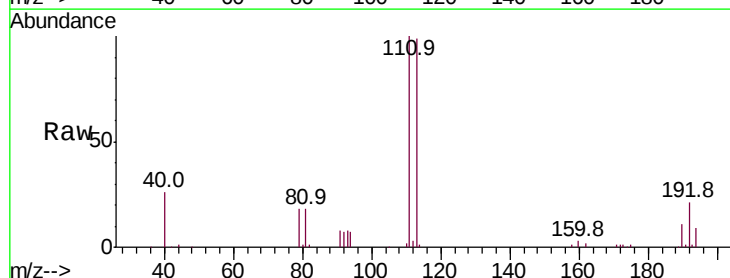


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

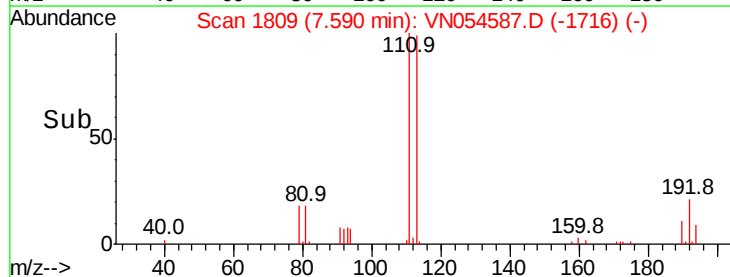
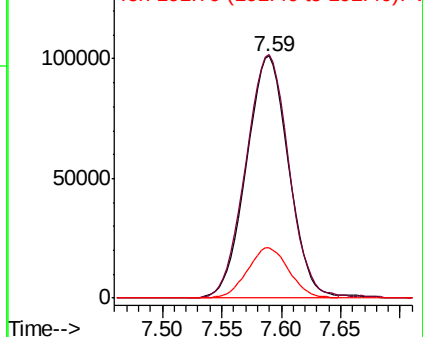


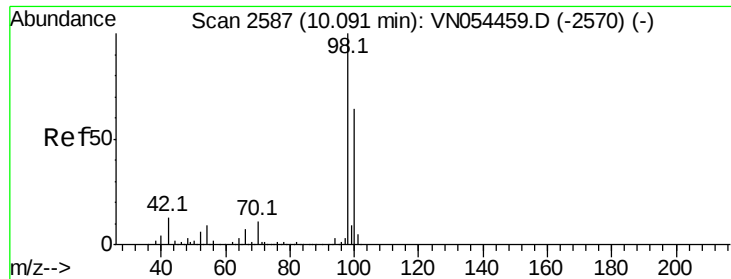
#35
 Dibromofluoromethane
 Concen: 45.639 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054587.D
 Acq: 23 Mar 2019 5:33

Tgt Ion:	113	Resp:	249074
Ion	Ratio	Lower	Upper
113	100		
111	102.7	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





#50

Toluene-d8

Concen: 49.289 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054587.D

Acq: 23 Mar 2019 5:33

Instrument :

MSVOA_N

ClientSampleId :

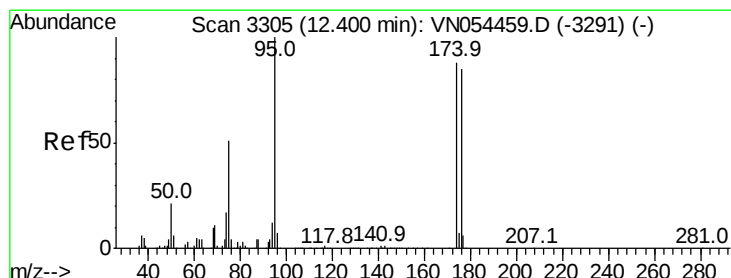
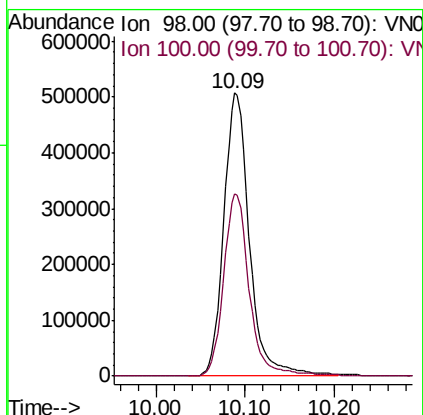
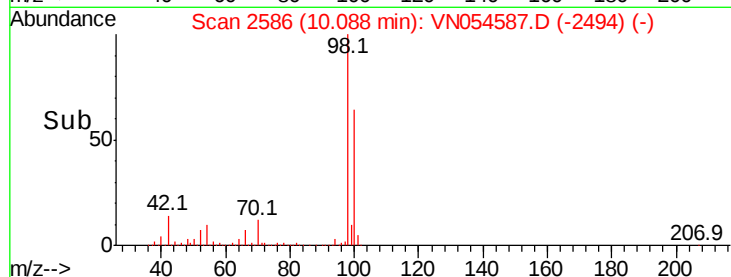
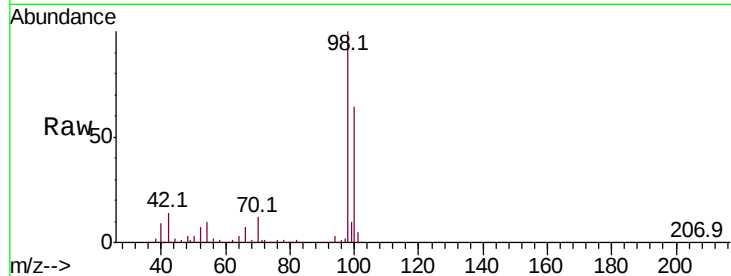
WP022SB436-190320-(20-22)ME

Tot Ion: 98 Resp: 1011252

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.030 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054587.D

Acq: 23 Mar 2019 5:33

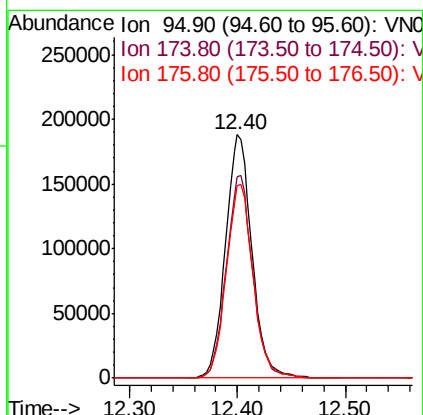
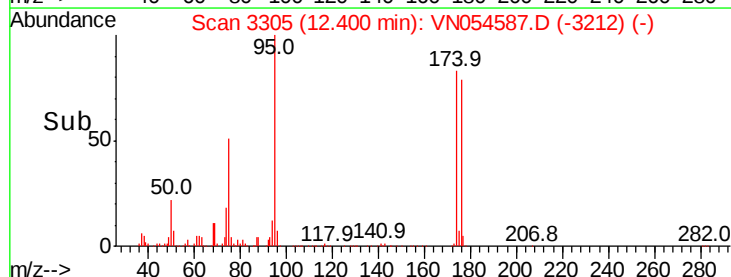
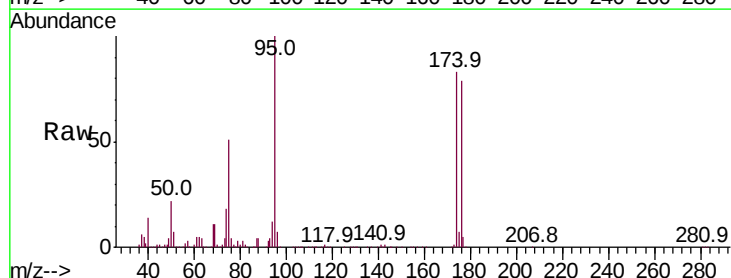
Tgt Ion: 95 Resp: 321365

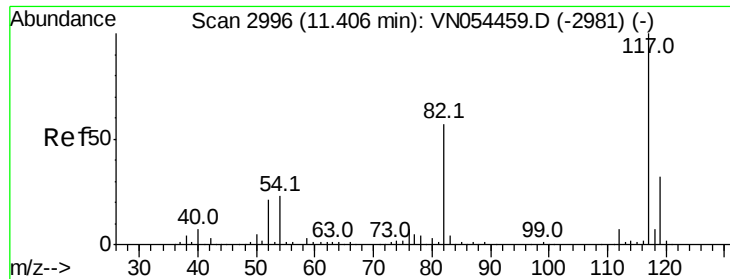
Ion Ratio Lower Upper

95 100

174 82.9 0.0 191.0

176 80.5 0.0 187.4

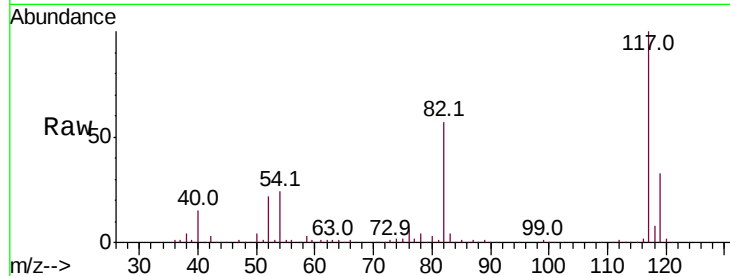




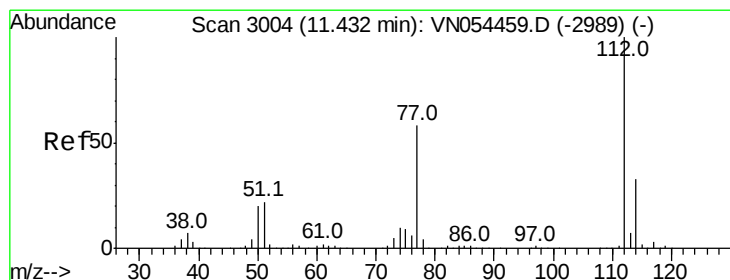
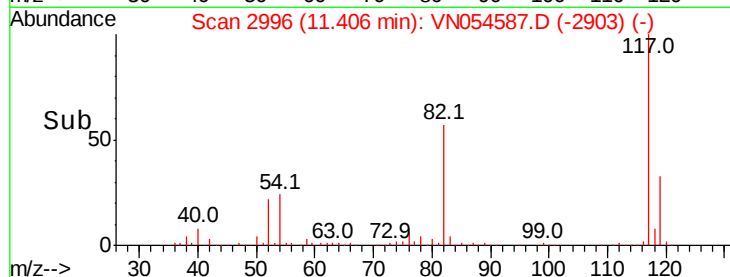
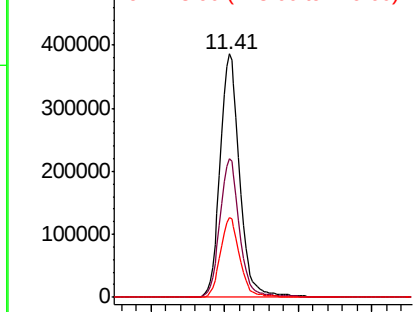
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054587.D
Acq: 23 Mar 2019 5:33

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

Tot Ion:117 Resp: 712256
Ion Ratio Lower Upper
117 100
82 56.7 40.0 60.0
119 32.7 25.8 38.6

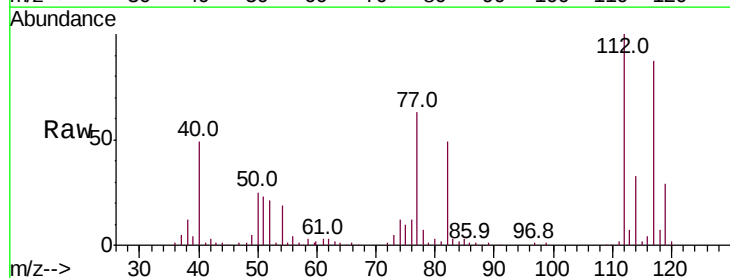


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

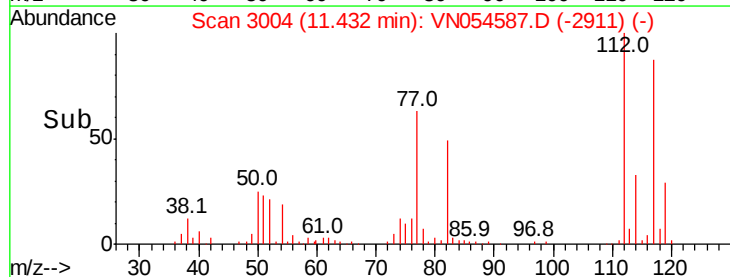
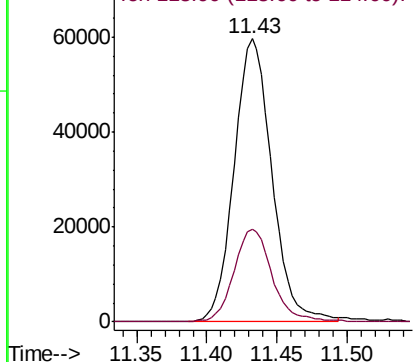


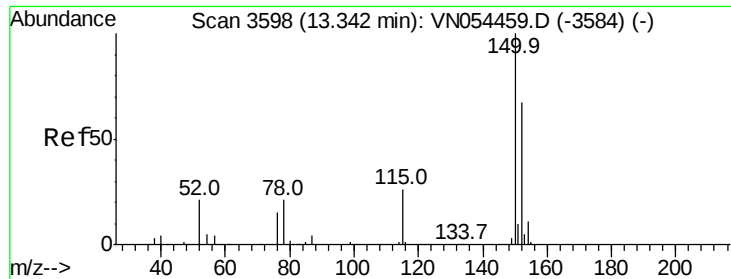
#65
Chlorobenzene
Concen: 7.747 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054587.D
Acq: 23 Mar 2019 5:33

Tgt Ion:112 Resp: 112230
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



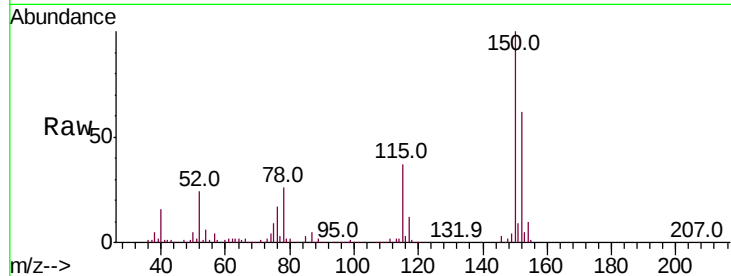


#72

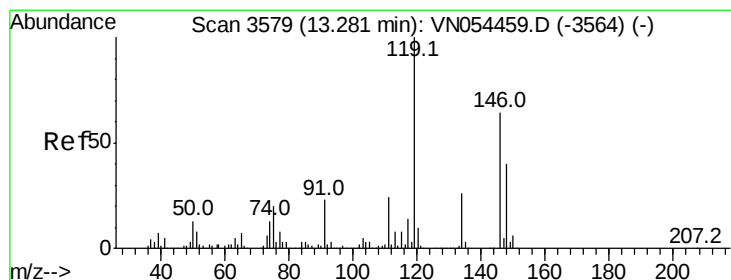
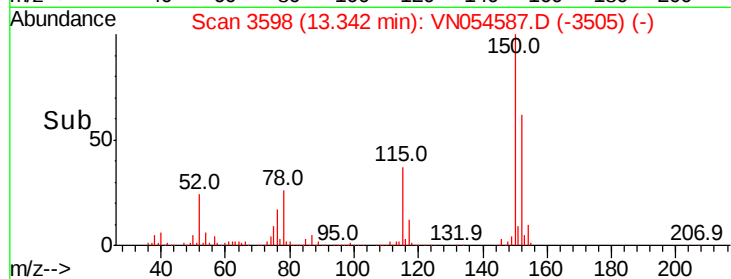
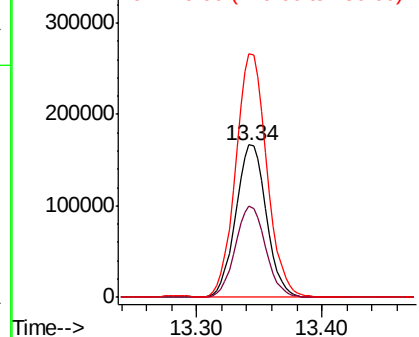
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054587.D
Acq: 23 Mar 2019 5:33

Instrument :
MSVOA_N
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Tot Ion:152 Resp: 282514
Ion Ratio Lower Upper
152 100
115 59.2 27.2 81.6
150 162.2 0.0 349.2



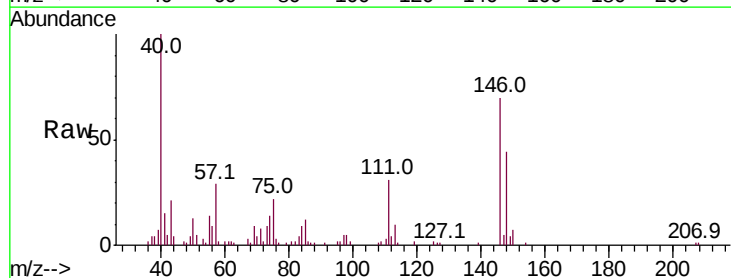
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



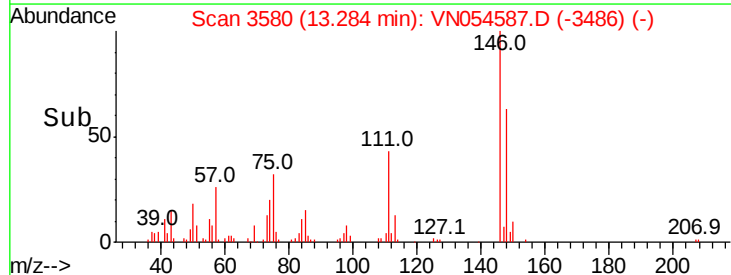
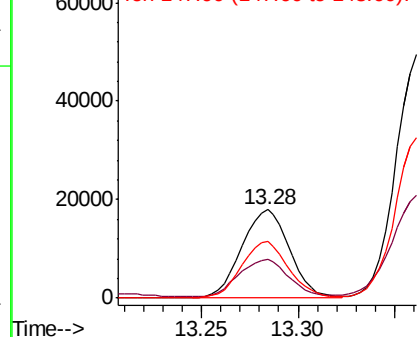
#87

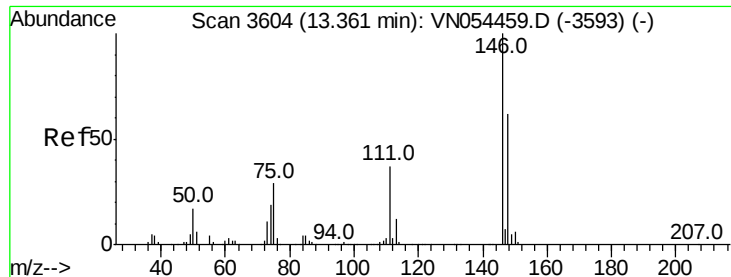
1,3-Dichlorobenzene
Concen: 3.308 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN054587.D
Acq: 23 Mar 2019 5:33

Tgt Ion:146 Resp: 30955
Ion Ratio Lower Upper
146 100
111 44.3 18.8 56.3
148 62.6 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

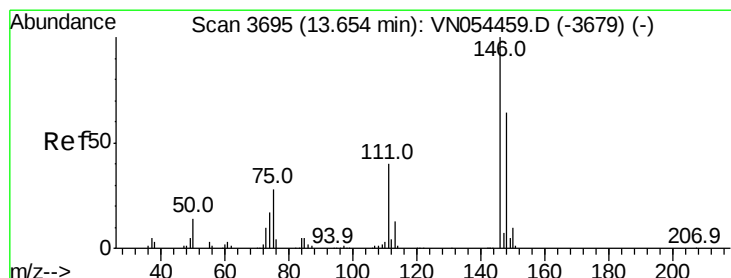
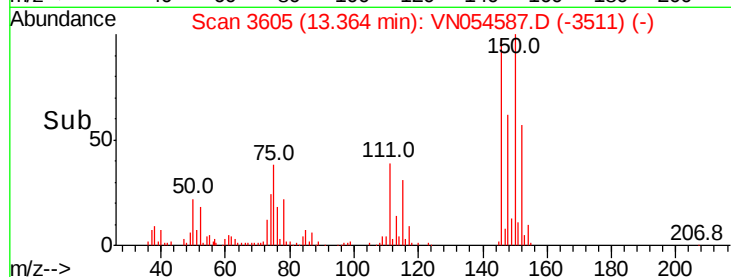
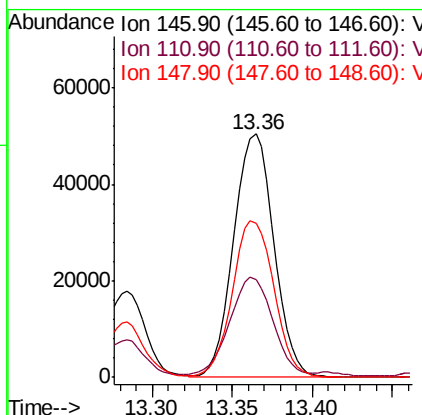
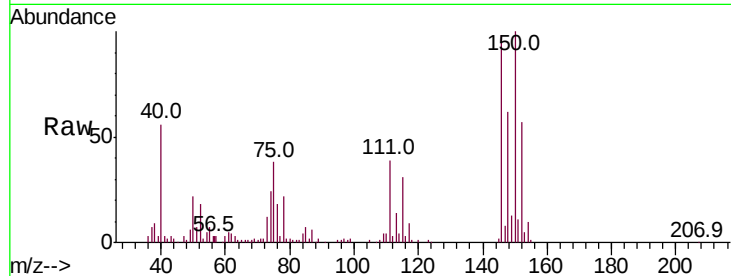




#88
 1,4-Dichlorobenzene
 Concen: 9.509 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054587.D
 Acq: 23 Mar 2019 5:33

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

Tot Ion:146 Resp: 86570
 Ion Ratio Lower Upper
 146 100
 111 42.5 18.1 54.1
 148 66.7 32.0 96.0



#91
 1,2-Dichlorobenzene
 Concen: 27.452 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054587.D
 Acq: 23 Mar 2019 5:33

Tgt Ion:146 Resp: 248787
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.1 57.3
 148 63.7 32.4 97.0

