

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060599.D
 Acq On : 18 Mar 2020 17:56
 Operator : JC/MD
 Sample : L1917-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-J

Quant Time: Mar 19 05:01:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	131379	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
35) Dibromofluoromethane	7.57	113	99724	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.08	98	411612	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	152062	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

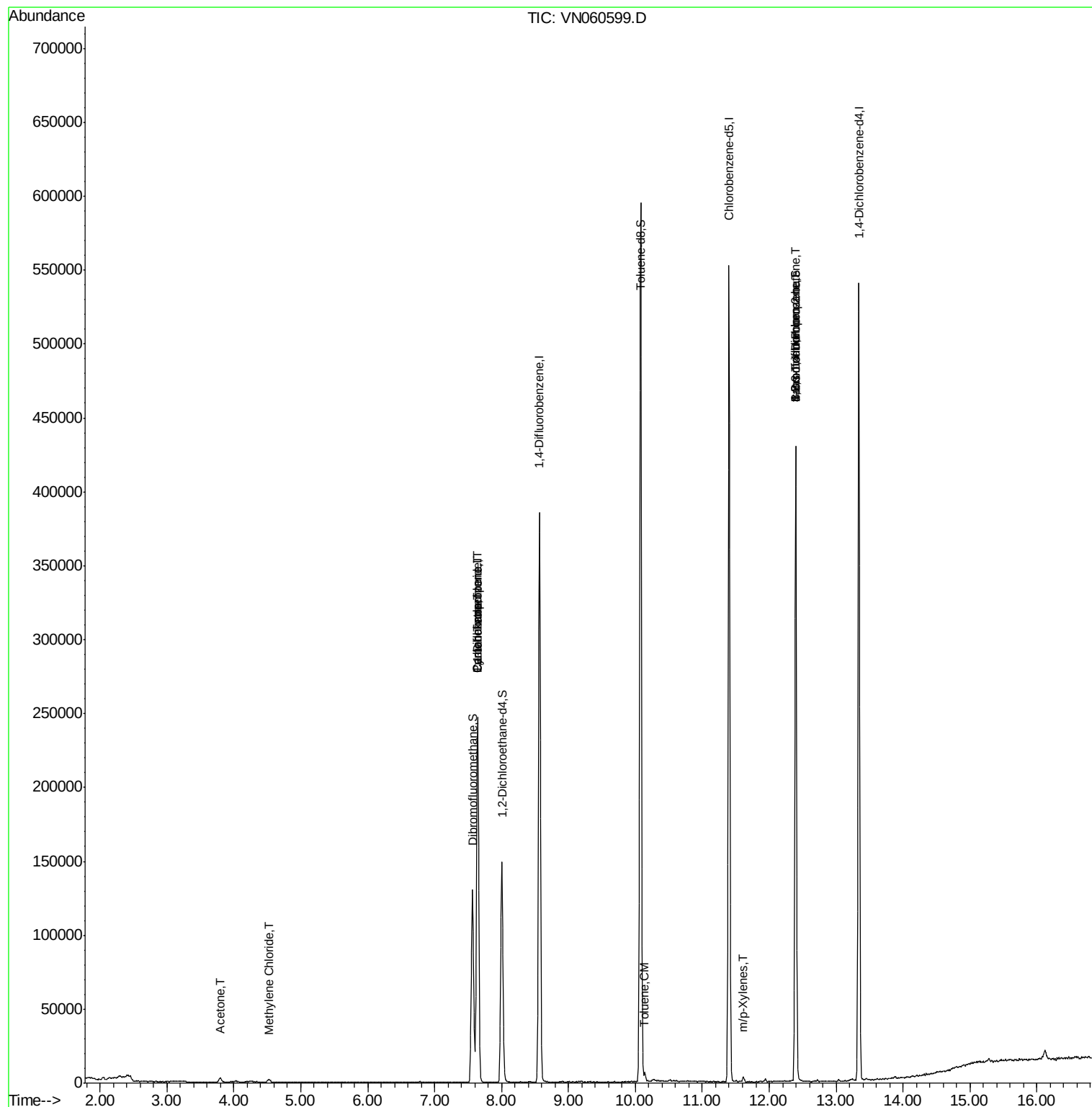
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	2974	3.007	ug/l	97
20) Methylene Chloride	4.52	84	1517	0.624	ug/l #	87
31) Cyclohexane	7.64	56	4270	0.950	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15807	4.818	ug/l #	50
38) Carbon Tetrachloride	7.64	117	19434	6.610	ug/l #	16
52) Toluene	10.14	92	2498	0.418	ug/l	86
68) m/p-Xylenes	11.62	106	1332	0.312	ug/l	98
71) Bromoform	12.39	173	300	1.836	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	76853	25.399	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	76853	65.233	ug/l #	13

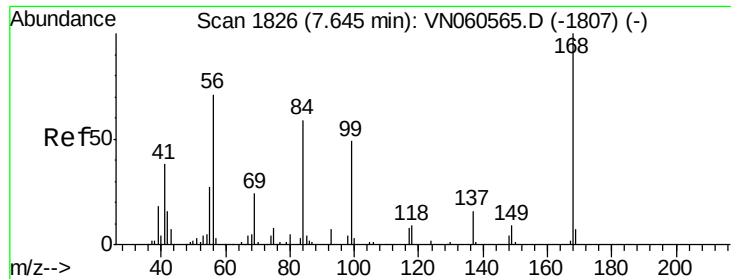
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060599.D
Acq On : 18 Mar 2020 17:56
Operator : JC/MD
Sample : L1917-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-J

Quant Time: Mar 19 05:01:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

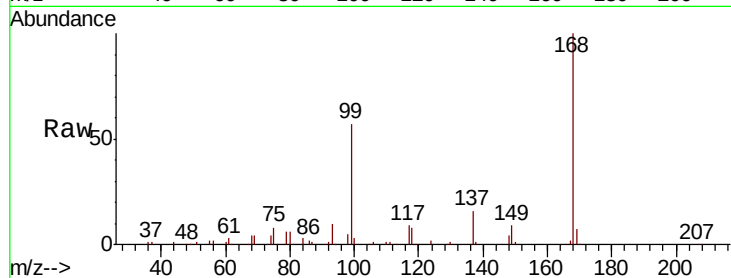
MH-J

Tot Ion:168 Resp: 203371

Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)

7.64

80000

60000

40000

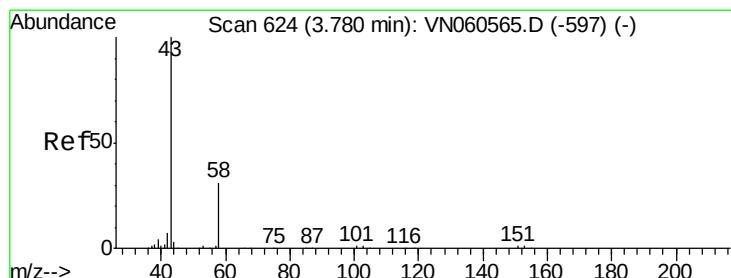
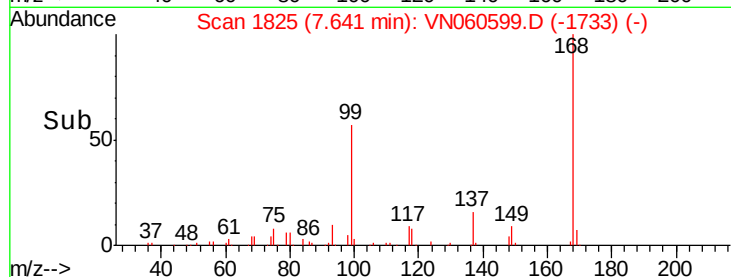
20000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 3.007 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060599.D

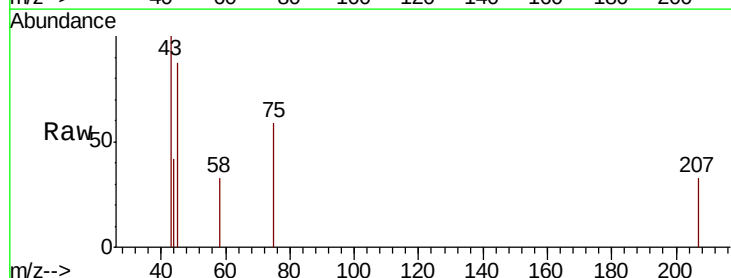
Acq: 18 Mar 2020 17:56

Tgt Ion: 43 Resp: 2974

Ion Ratio Lower Upper

43 100

58 33.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

3.80

1200

1000

800

600

400

200

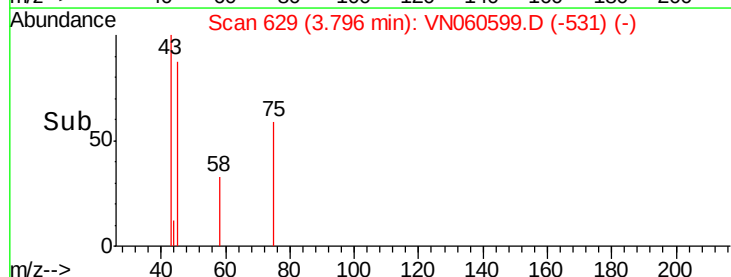
0

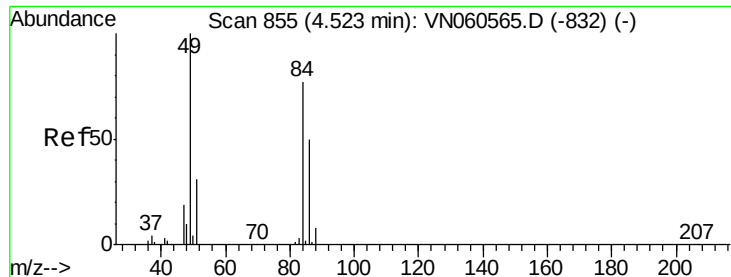
Time-->

3.75

3.80

3.85

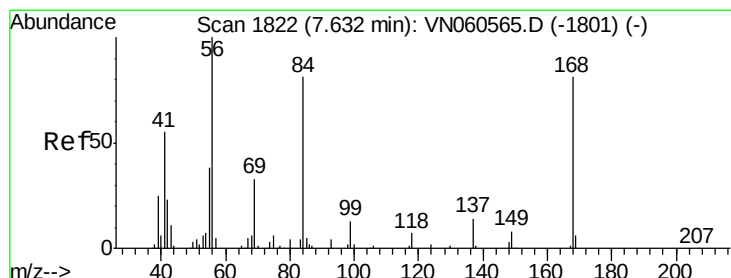
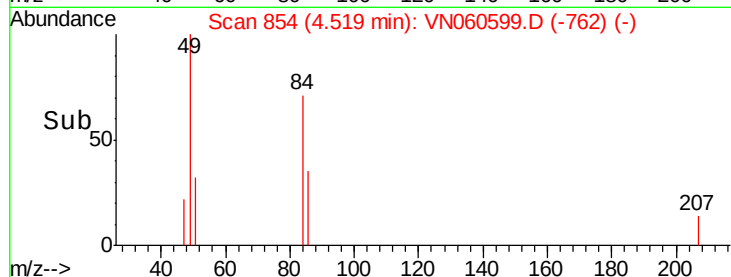
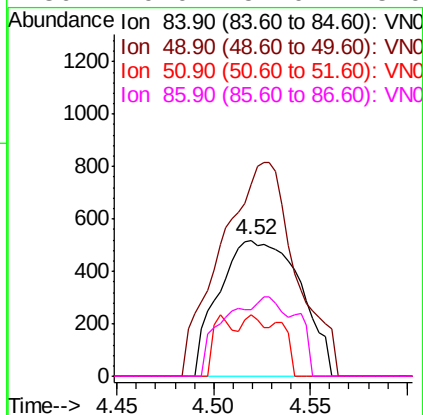
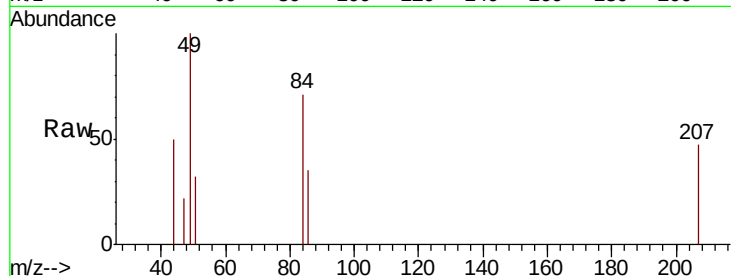




#20
Methvlene Chloride
Concen: 0.624 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

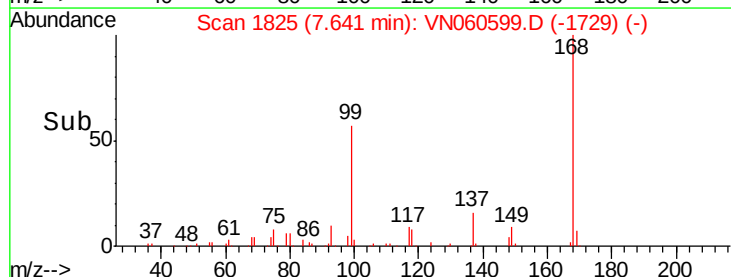
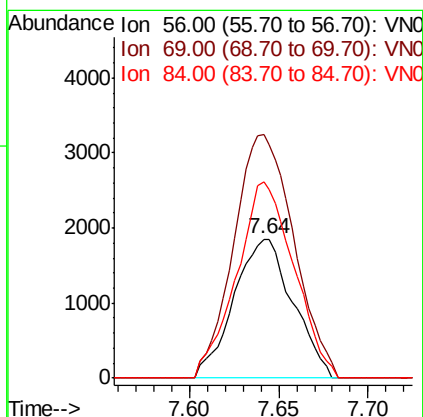
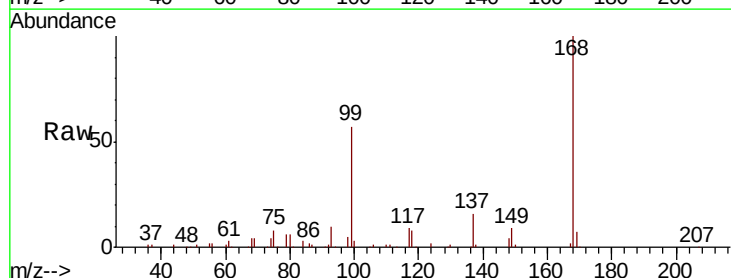
Instrument :
MSVOA_N
ClientSampleId :
MH-J

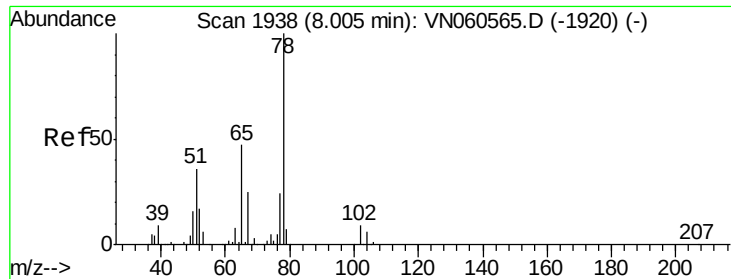
Tot Ion:	84	Resp:	1517
Ion	Ratio	Lower	Upper
84	100		
49	141.3	103.3	154.9
51	45.8	31.6	47.4
86	49.0	52.0	78.0#



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

Tgt Ion:	56	Resp:	4270
Ion	Ratio	Lower	Upper
56	100		
69	174.8	26.6	40.0#
84	141.4	64.3	96.5#

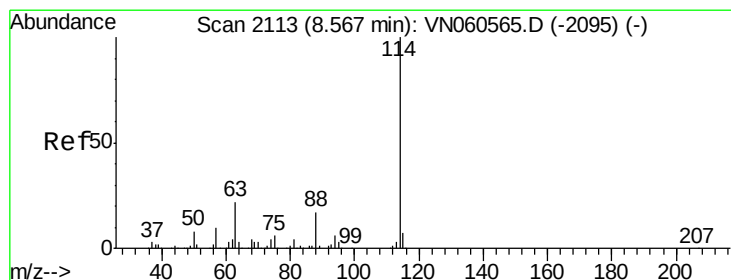
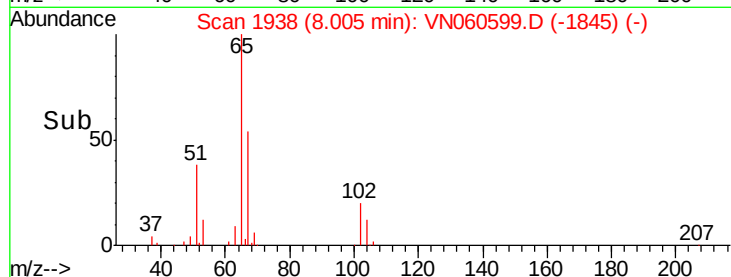
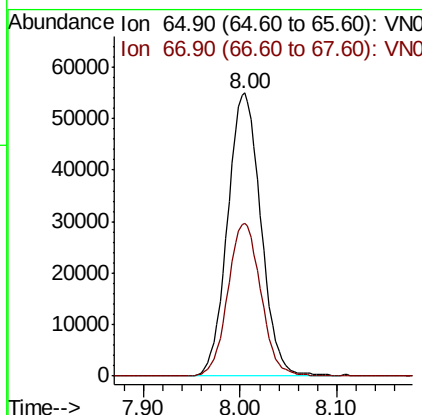
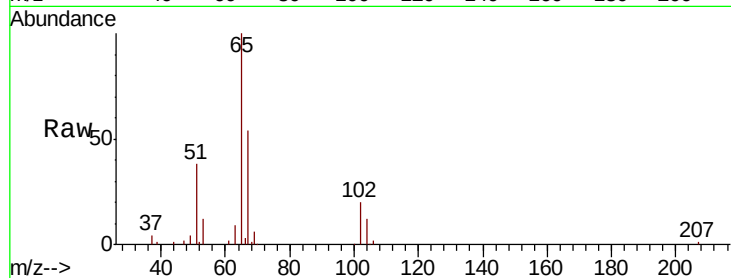




#33
 1,2-Dichloroethane-d4
 Concen: 47.059 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060599.D
 Acq: 18 Mar 2020 17:56

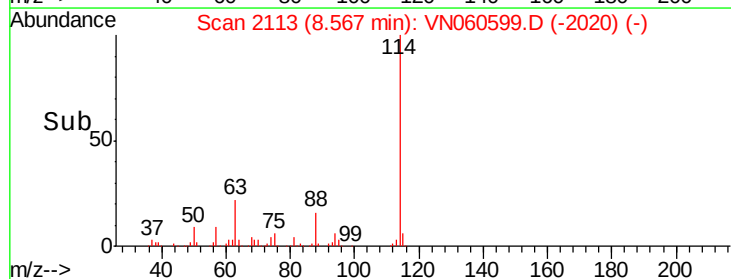
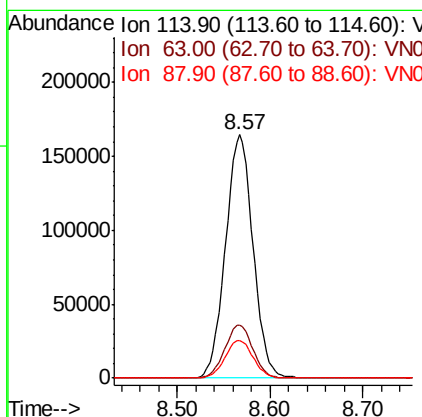
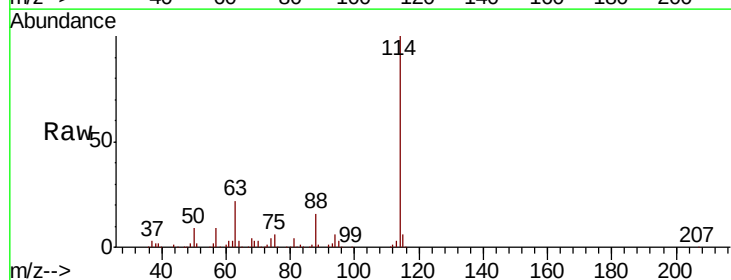
Instrument :
 MSVOA_N
 ClientSampled :
 MH-J

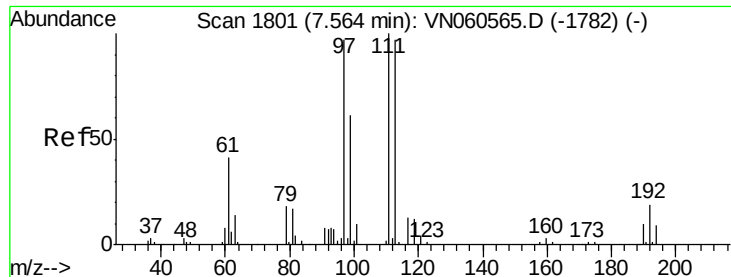
Tot Ion: 65 Resp: 131379
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060599.D
 Acq: 18 Mar 2020 17:56

Tgt Ion: 114 Resp: 338803
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 15.6 0.0 33.0

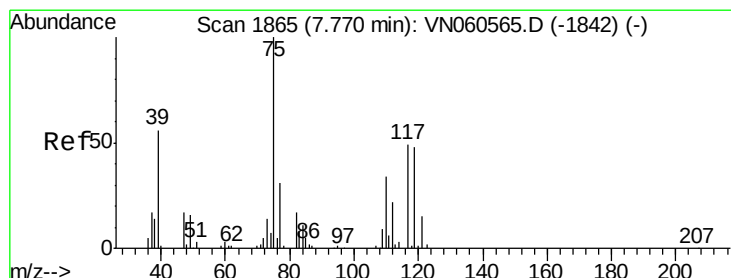
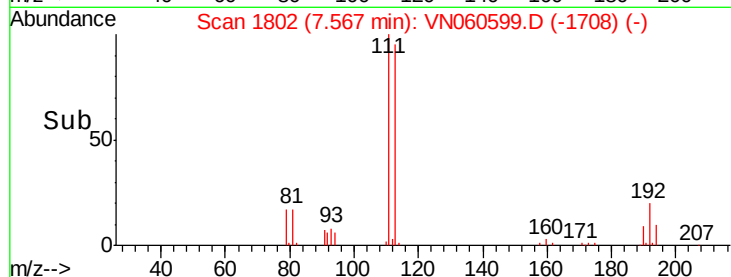
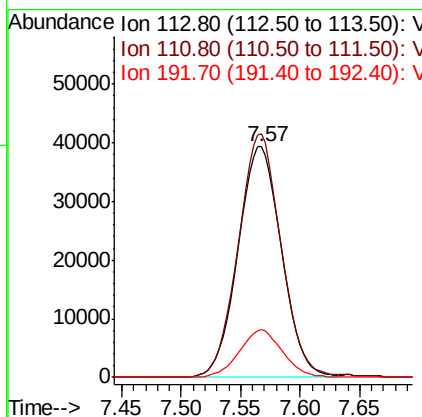
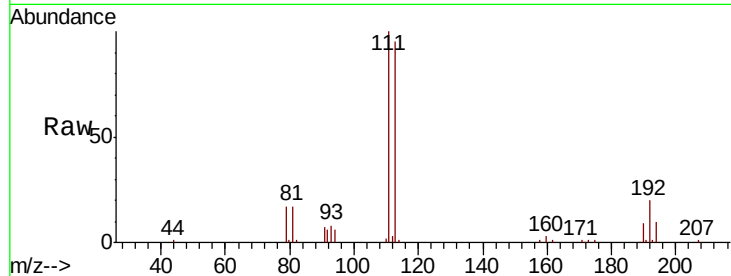




#35
 Dibromofluoromethane
 Concen: 48.678 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060599.D
 Acq: 18 Mar 2020 17:56

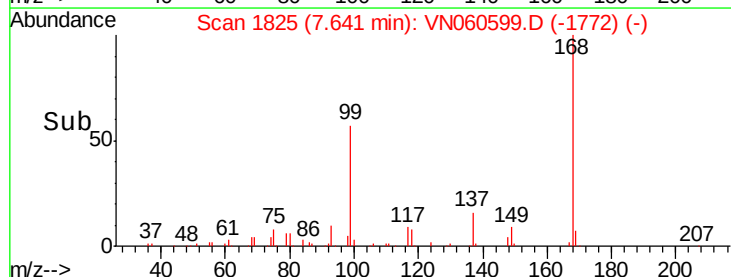
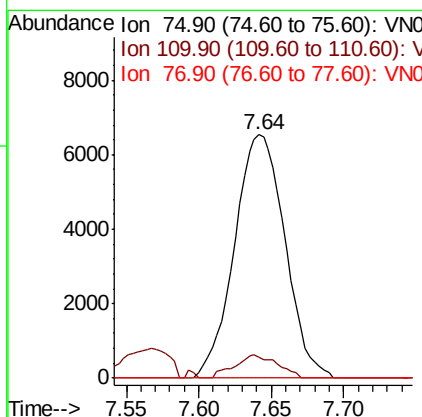
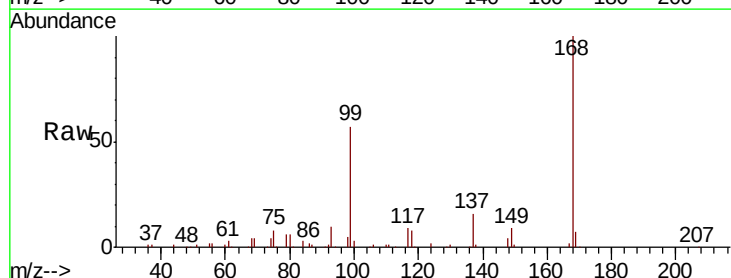
Instrument :
 MSVOA_N
 ClientSampled :
 MH-J

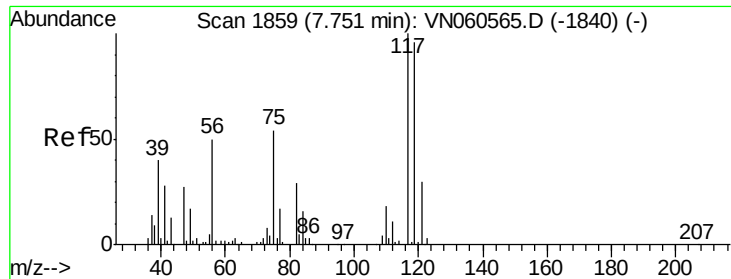
Tot Ion:113 Resp: 99724
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 20.3 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.818 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060599.D
 Acq: 18 Mar 2020 17:56

Tgt Ion: 75 Resp: 15807
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.9 50.6#
 77 0.0 24.6 36.8#

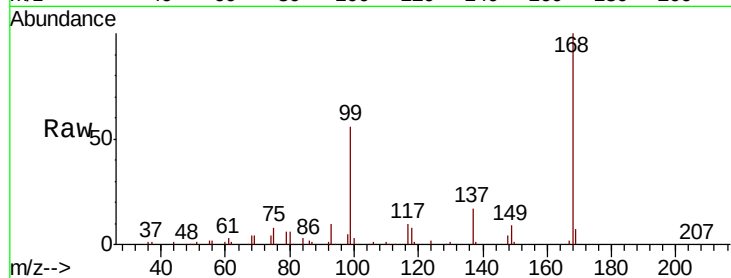




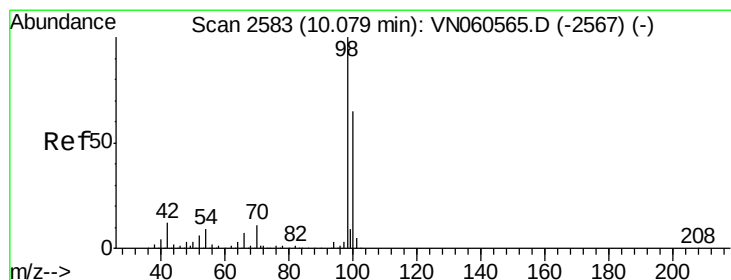
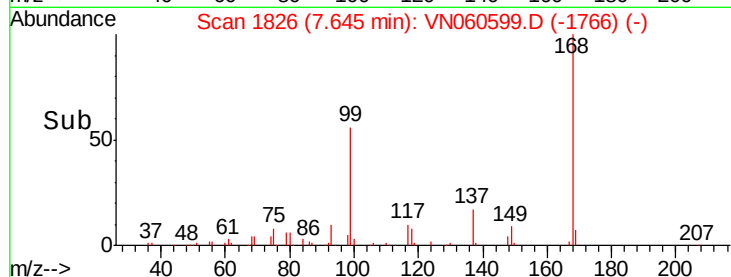
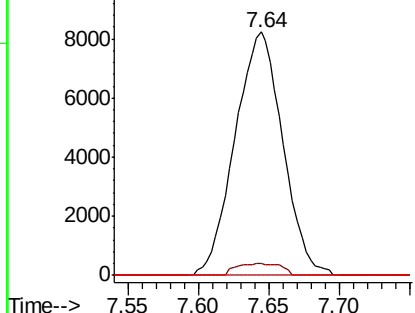
#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

Instrument :
MSVOA_N
ClientSampled :
MH-J

Tot Ion:117 Resp: 19434
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 23.7 35.5#

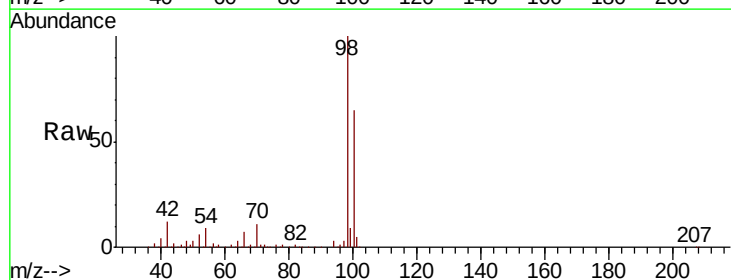


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

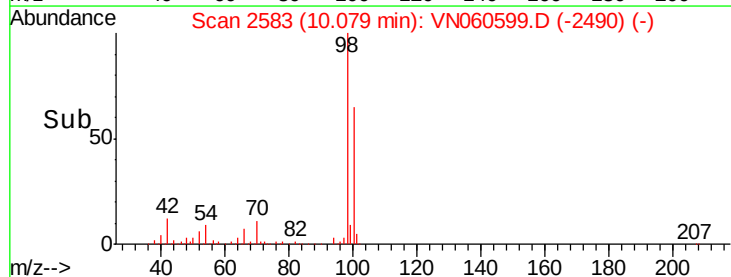
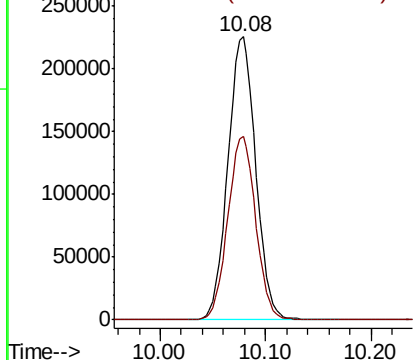


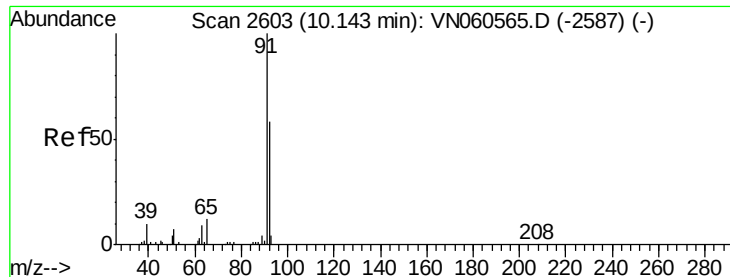
#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

Tgt Ion: 98 Resp: 411612
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



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





#52

Toluene

Concen: 0.418 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

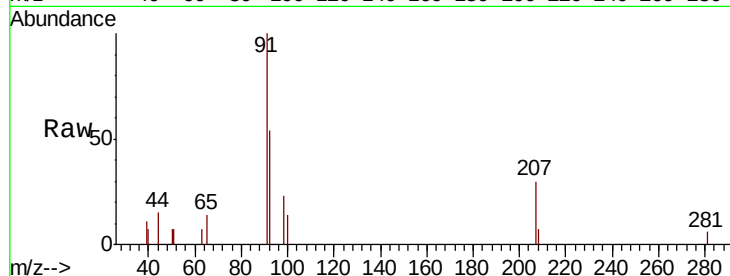
MH-J

Tot Ion: 92 Resp: 2498

Ion Ratio Lower Upper

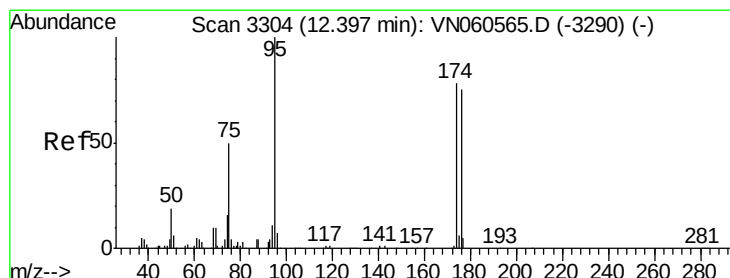
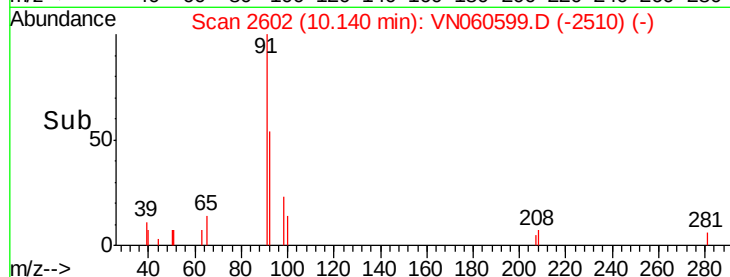
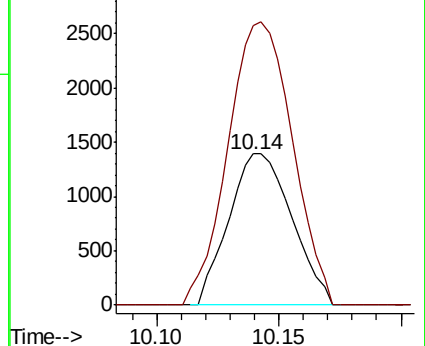
92 100

91 191.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060599.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060599.D (-2510) (-)



#62

4-Bromofluorobenzene

Concen: 49.585 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

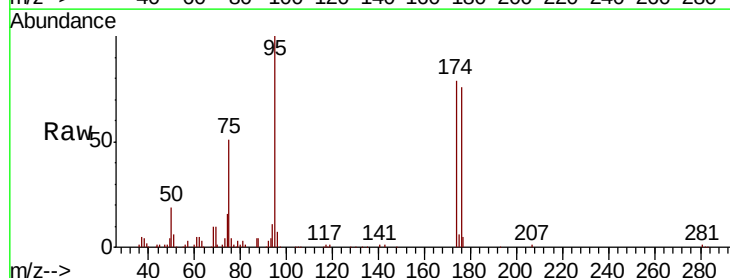
Tgt Ion: 95 Resp: 152062

Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.6

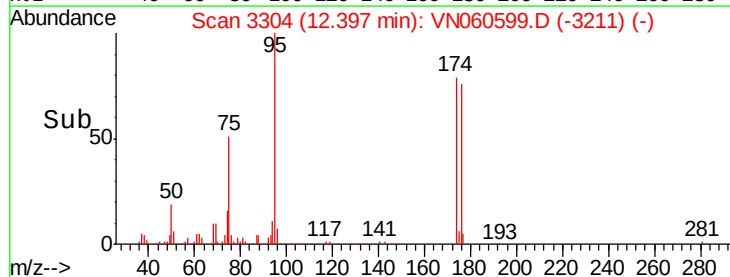
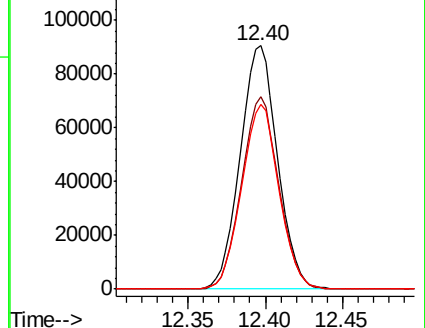
176 75.8 0.0 150.6

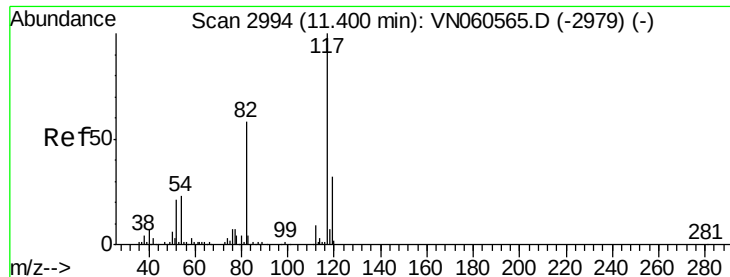


Abundance Ion 94.90 (94.60 to 95.60): VN060599.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060599.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060599.D (-3211) (-)

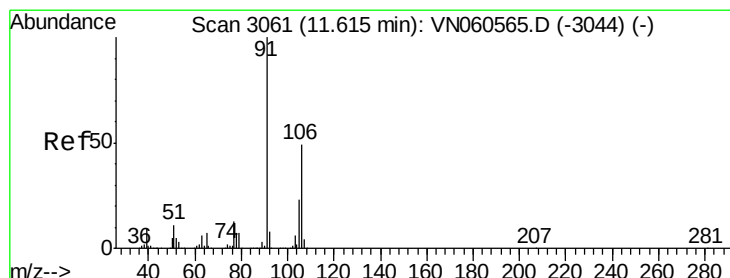
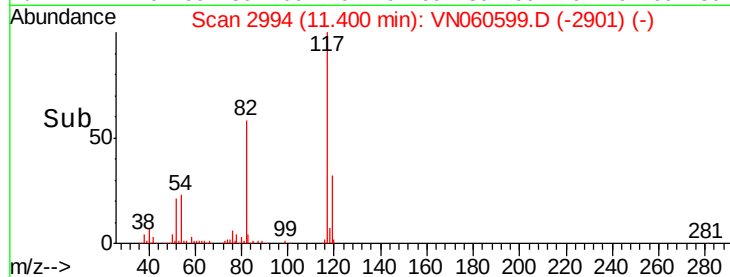
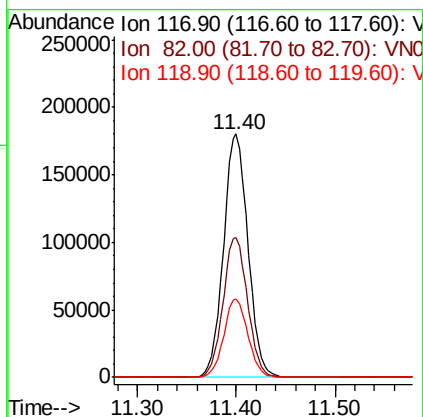
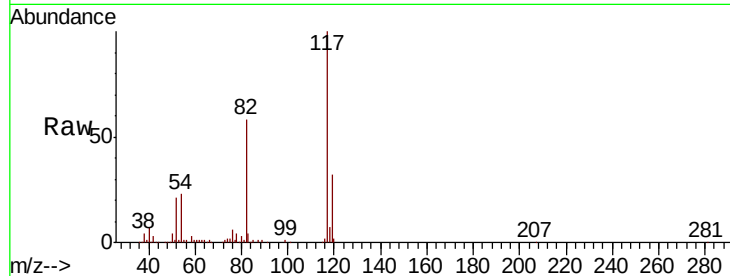




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

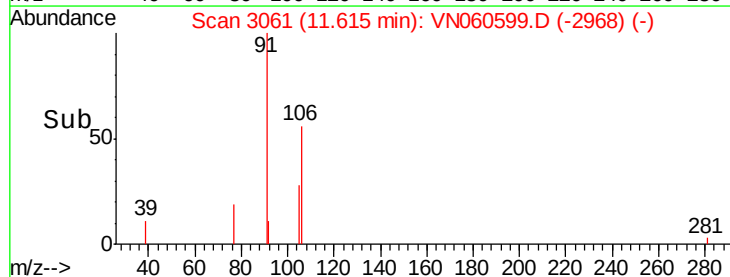
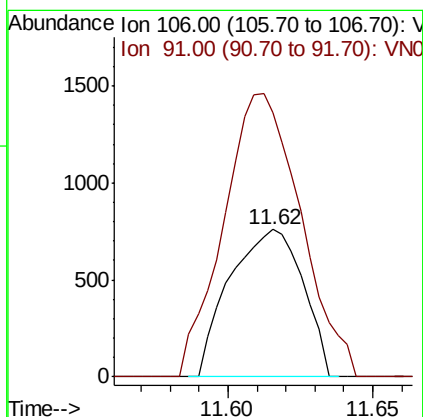
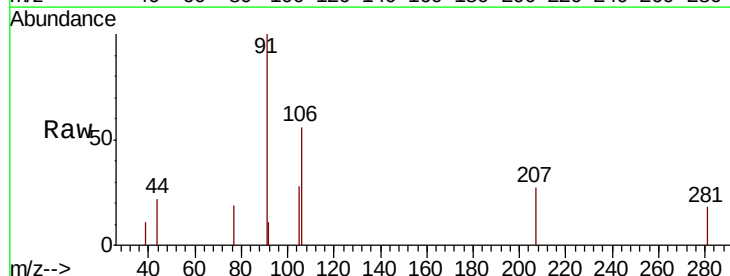
Instrument :
MSVOA_N
ClientSampleId :
MH-J

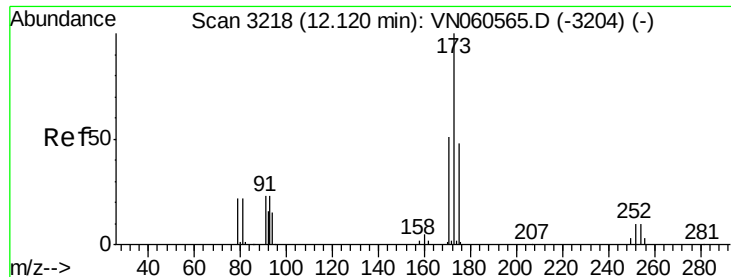
Tot Ion:117 Resp: 312039
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.312 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060599.D
Acq: 18 Mar 2020 17:56

Tgt Ion:106 Resp: 1332
Ion Ratio Lower Upper
106 100
91 202.6 165.0 247.4





#71

Bromoform

Concen: 1.836 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.27 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

MH-J

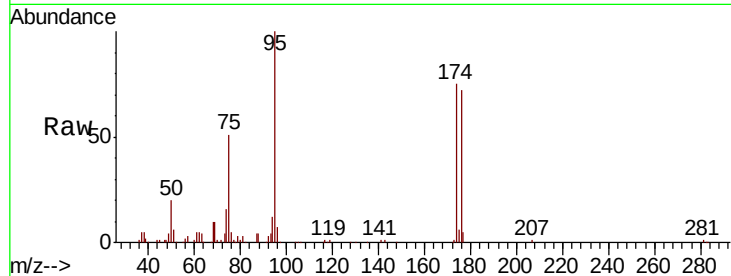
Tot Ion:173 Resp: 300

Ion Ratio Lower Upper

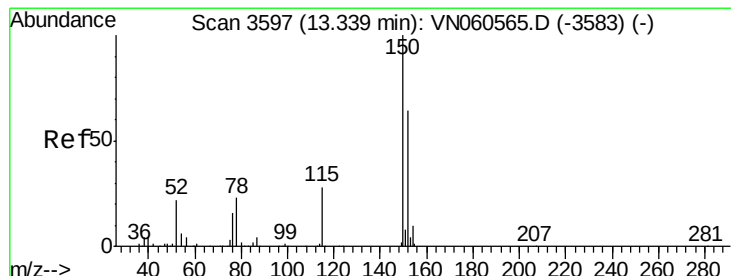
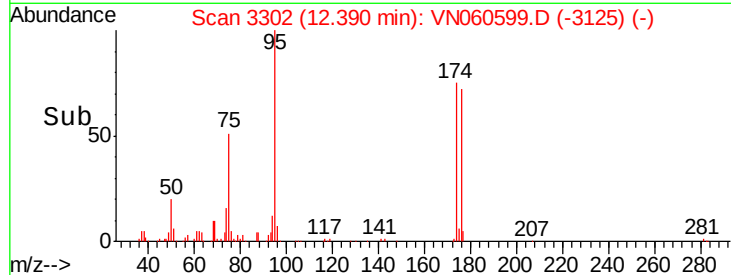
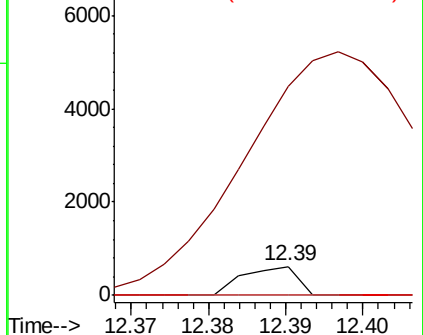
173 100

175 2458.7 24.1 72.4#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

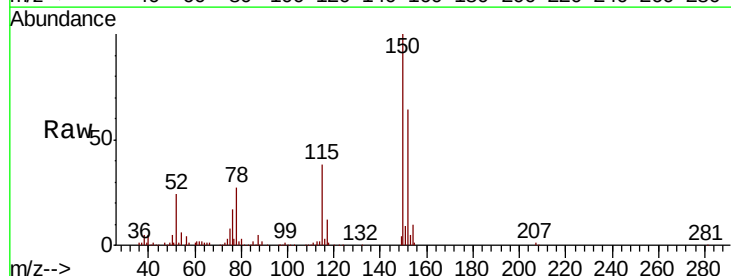
Tgt Ion:152 Resp: 140227

Ion Ratio Lower Upper

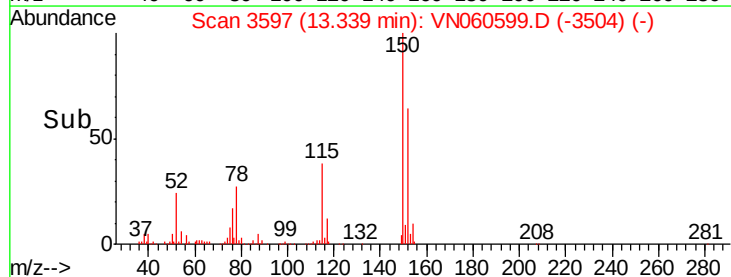
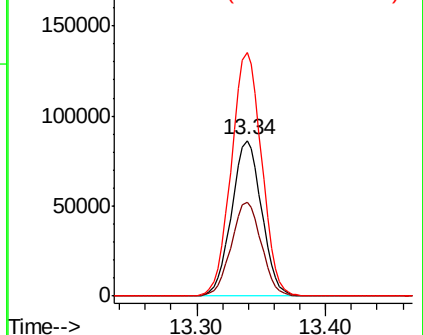
152 100

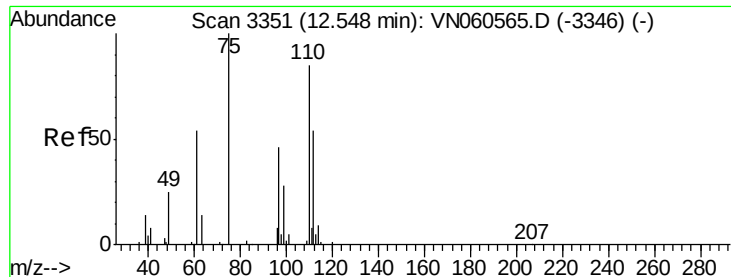
115 60.2 30.2 90.6

150 157.5 0.0 350.2



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





#76

1,2,3-Trichloropropane

Concen: 25.399 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

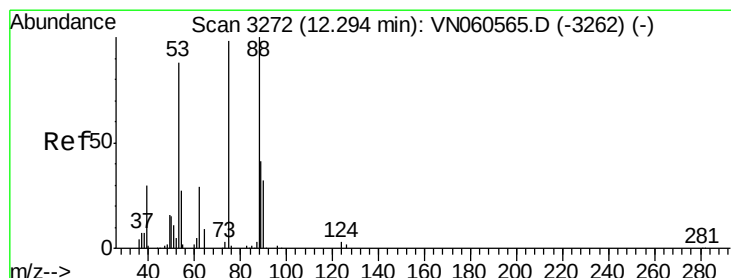
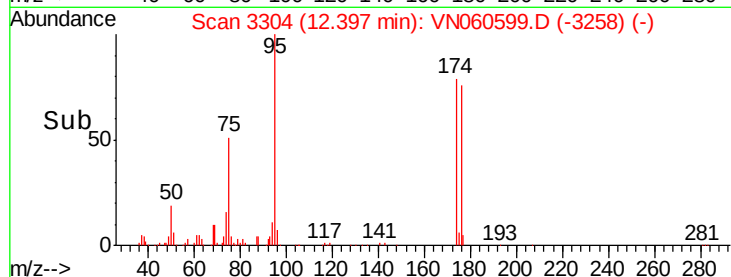
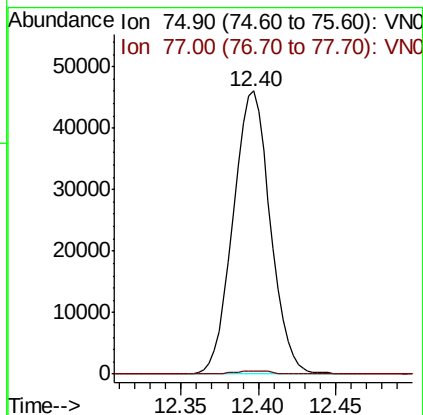
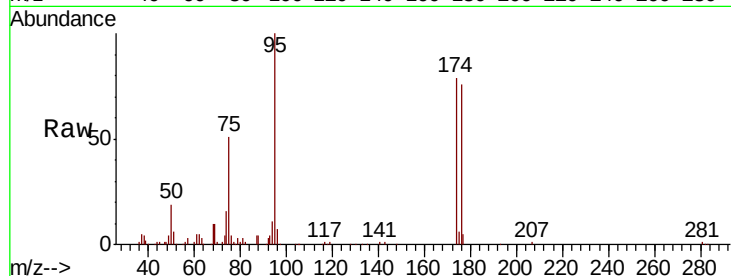
MH-J

Tot Ion: 75 Resp: 76853

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.233 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060599.D

Acq: 18 Mar 2020 17:56

Tgt Ion: 75 Resp: 76853

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

