

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061599.D
 Acq On : 1 Jun 2020 16:56
 Operator : JC/MD
 Sample : L2800-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW001-200527

Quant Time: Jun 02 03:55:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214069	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	169403	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
35) Dibromofluoromethane	7.55	113	146055	58.12	ug/l	0.00
Spiked Amount			Recovery	=	116.24%	
50) Toluene-d8	10.06	98	601766	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.37	95	219720	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

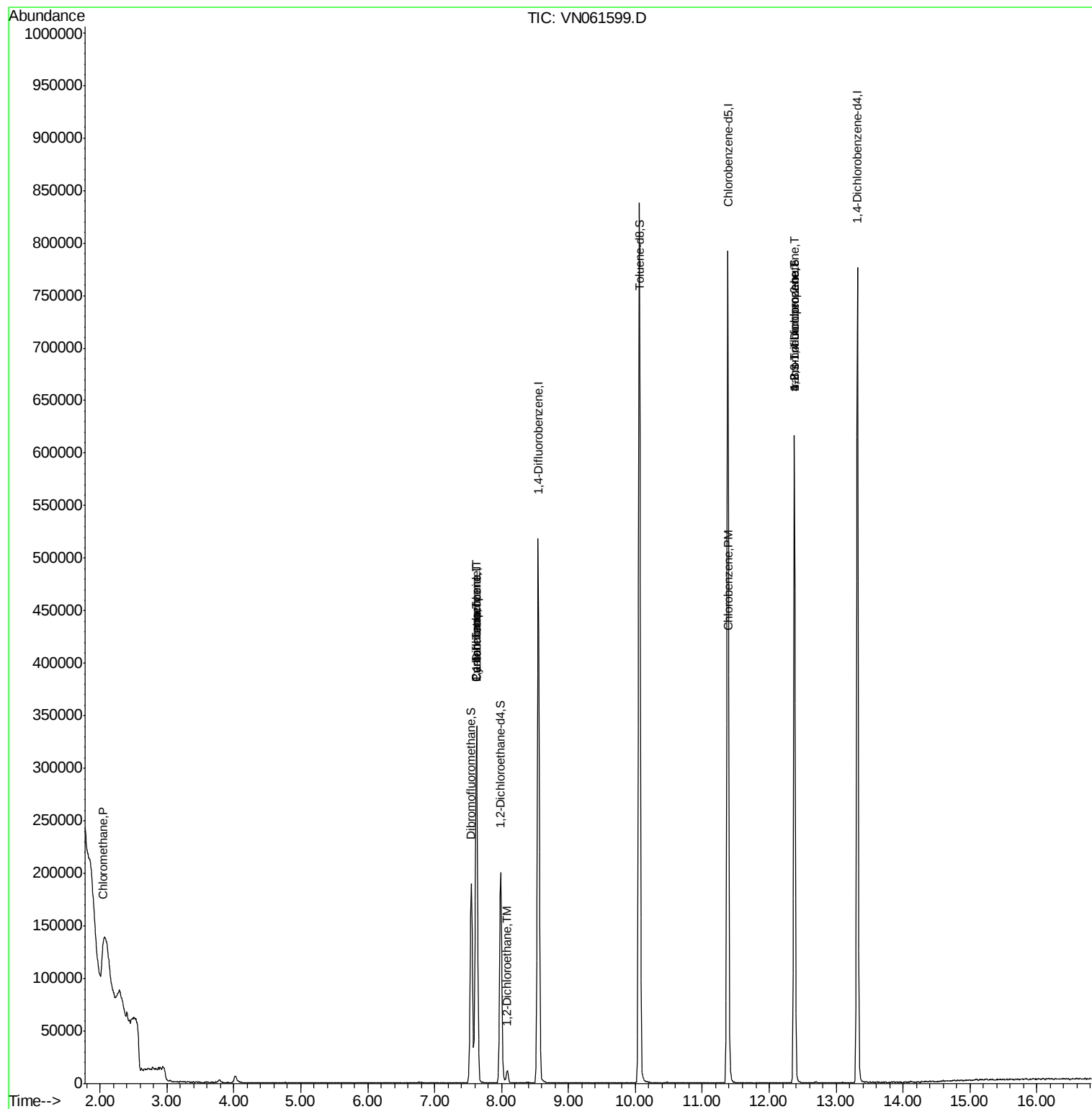
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1072	0.314	ug/l #	73
16) Acetone	3.77	43	1754	Below Cal		90
20) Methylene Chloride	4.50	84	60	Below Cal	#	11
31) Cyclohexane	7.63	56	5587	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	20955	4.778	ug/l #	47
38) Carbon Tetrachloride	7.63	117	27707	6.550	ug/l #	16
42) 1,2-Dichloroethane	8.08	62	11062	2.442	ug/l	90
65) Chlorobenzene	11.40	112	5309	0.525	ug/l	90
76) 1,2,3-Trichloropropane	12.37	75	110632	28.421	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	110632	72.680	ug/l #	15

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

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Quant Time: Jun 02 03:55:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

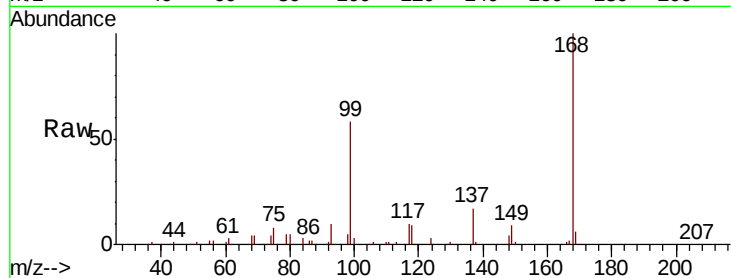
WP022MW001-200527

Tot Ion:168 Resp: 280101

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

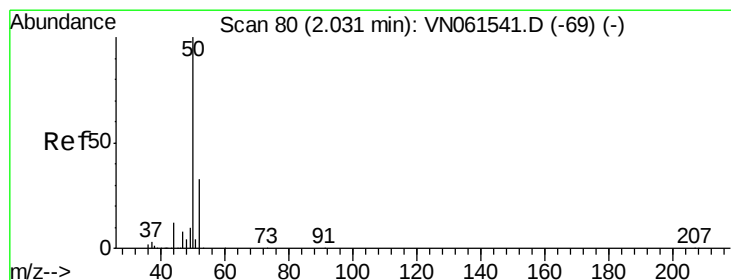
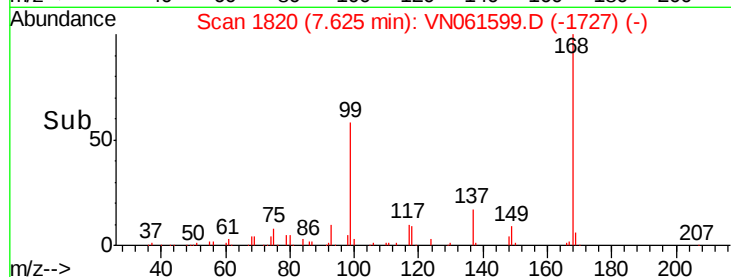
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.314 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061599.D

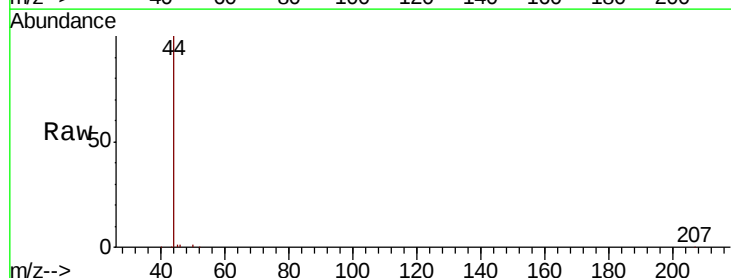
Acq: 1 Jun 2020 16:56

Tgt Ion: 50 Resp: 1072

Ion Ratio Lower Upper

50 100

52 49.0 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

800

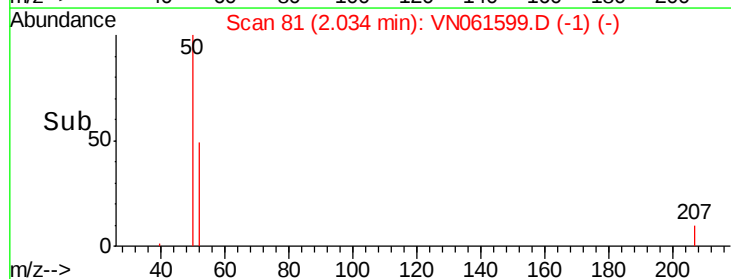
600

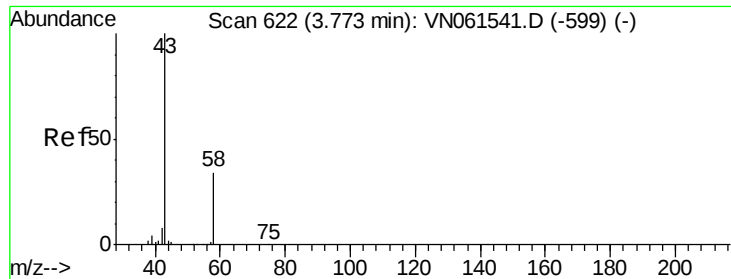
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

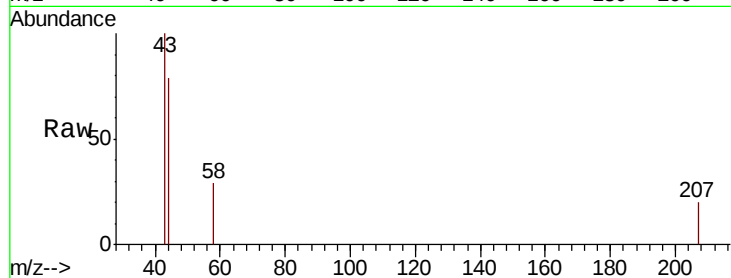
WP022MW001-200527

Tot Ion: 43 Resp: 1754

Ion Ratio Lower Upper

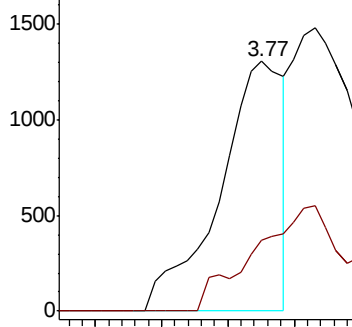
43 100

58 28.5 27.2 40.8

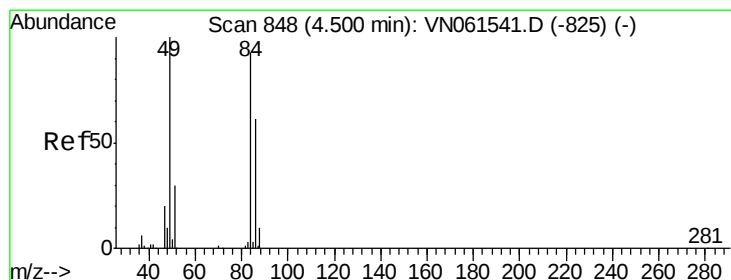
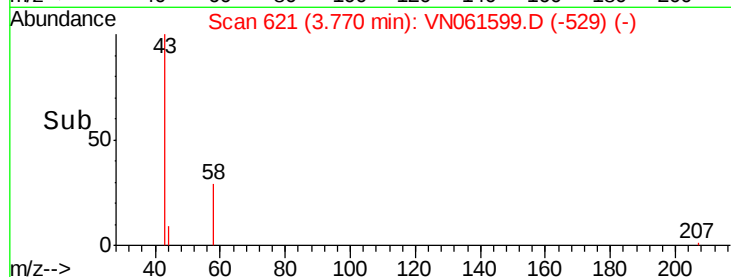


Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-599) (-)



Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Tgt Ion: 84 Resp: 60

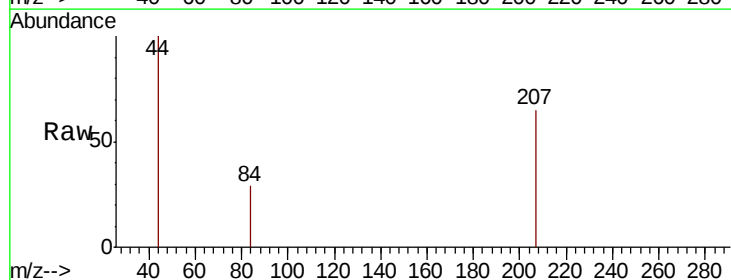
Ion Ratio Lower Upper

84 100

49 0.0 85.8 128.8#

51 0.0 26.2 39.2#

86 0.0 52.6 78.8#

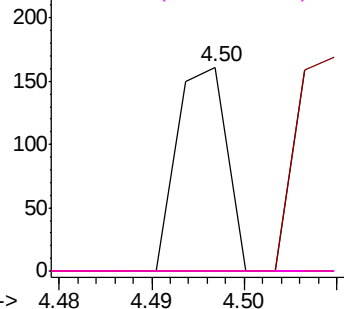


Abundance Ion 83.90 (83.60 to 84.60): VN061541.D (-825) (-)

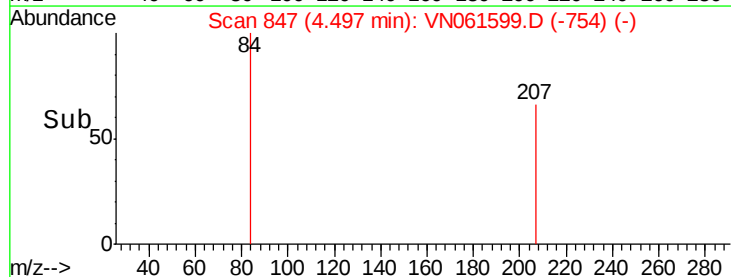
Ion 48.90 (48.60 to 49.60): VN061541.D (-825) (-)

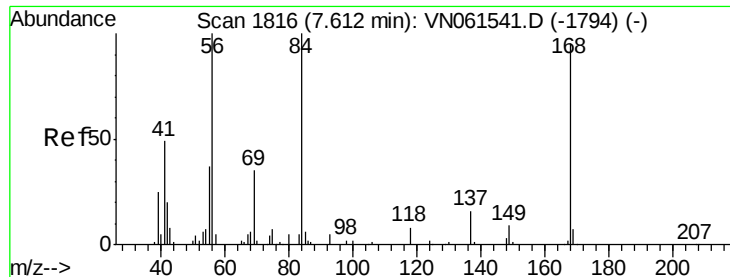
Ion 50.90 (50.60 to 51.60): VN061541.D (-825) (-)

Ion 85.90 (85.60 to 86.60): VN061541.D (-825) (-)



Time-->

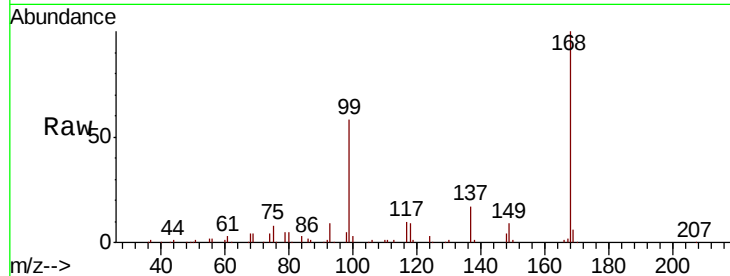




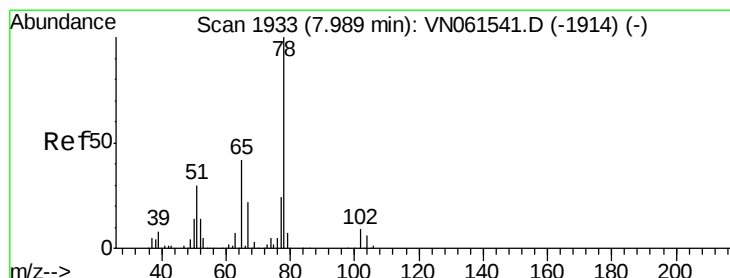
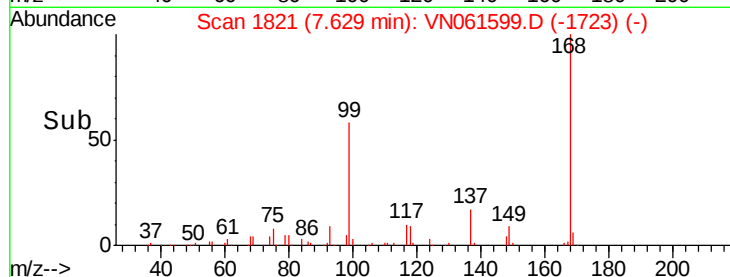
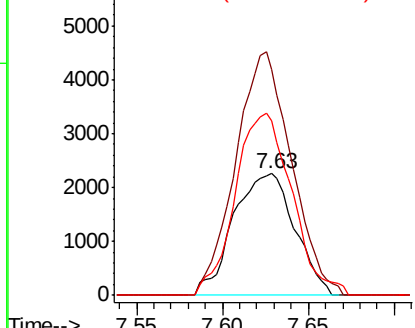
#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061599.D
Acq: 1 Jun 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
WP022MW001-200527

Tot Ion: 56 Resp: 5587
Ion Ratio Lower Upper
56 100
69 185.4 27.8 41.8#
84 143.2 79.9 119.9#

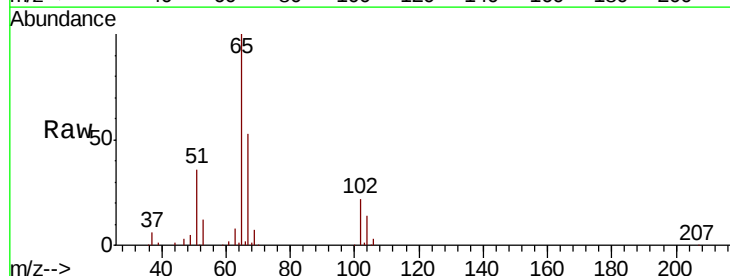


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

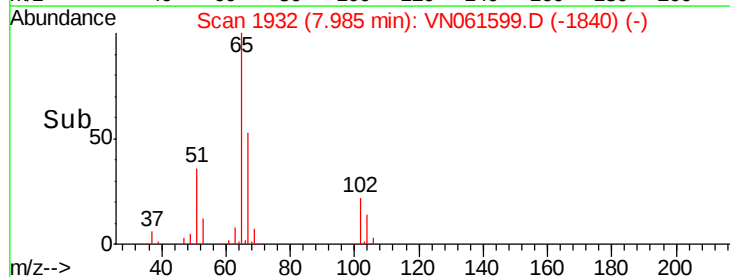
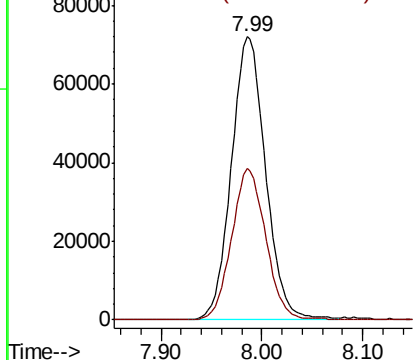


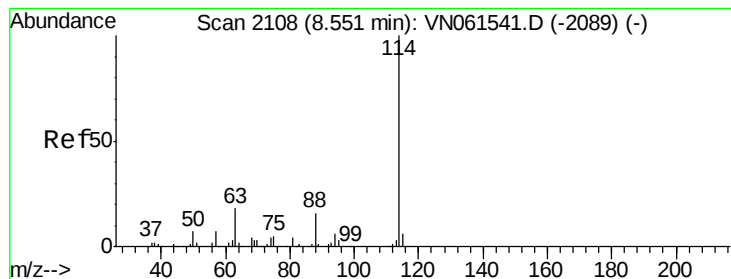
#33
1,2-Dichloroethane-d4
Concen: 50.762 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061599.D
Acq: 1 Jun 2020 16:56

Tgt Ion: 65 Resp: 169403
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



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: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

WP022MW001-200527

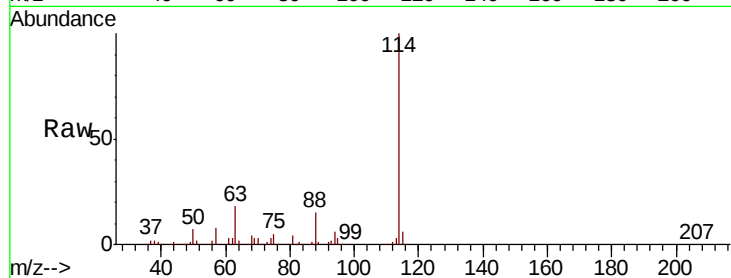
Tot Ion:114 Resp: 495405

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

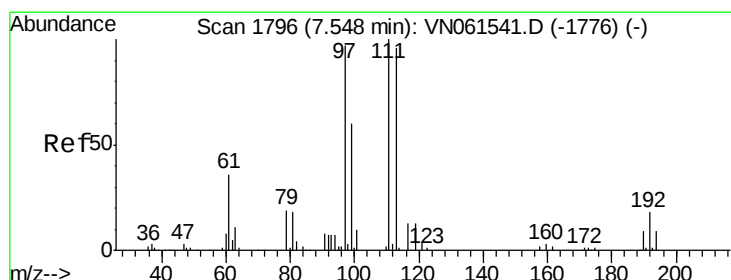
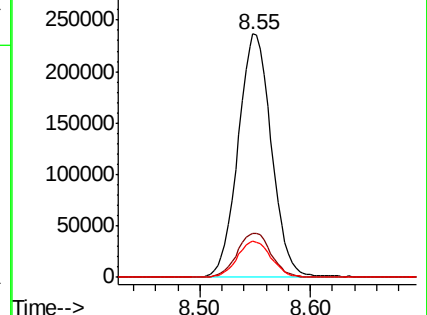
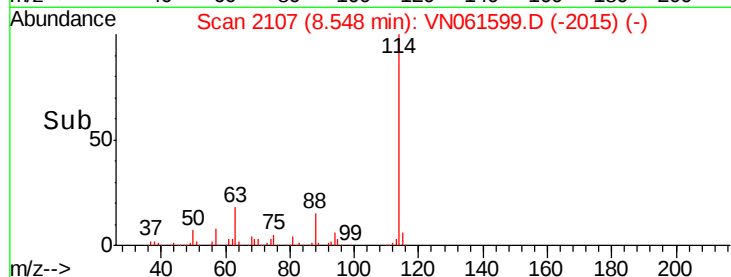
88 14.8 0.0 31.0



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: 58.118 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

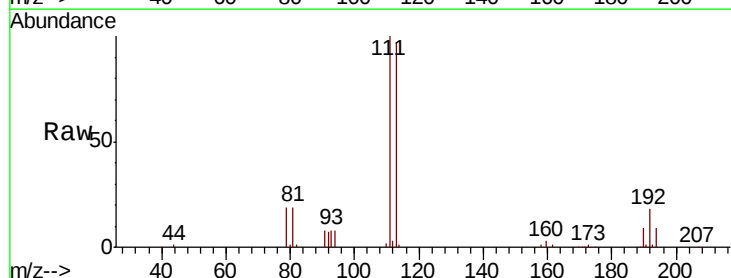
Tgt Ion:113 Resp: 146055

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.0

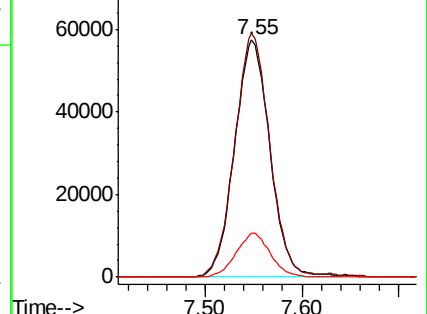
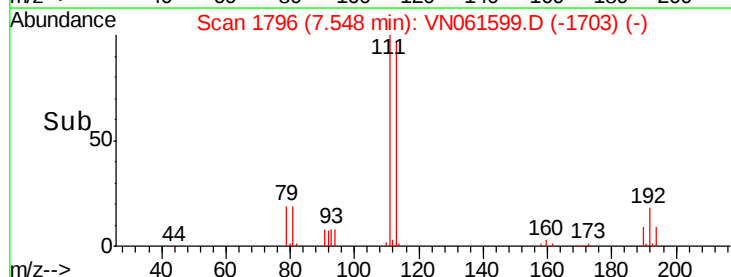
192 17.9 15.4 23.2

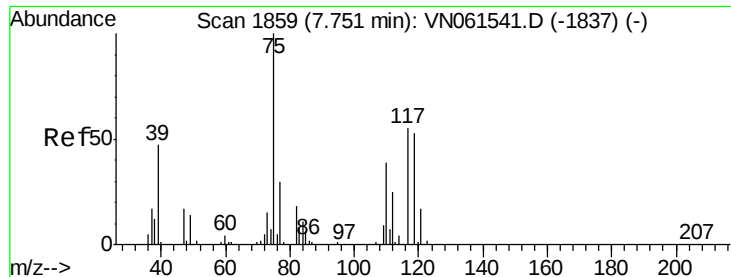


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

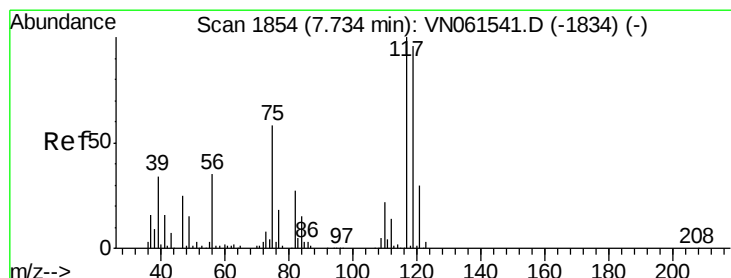
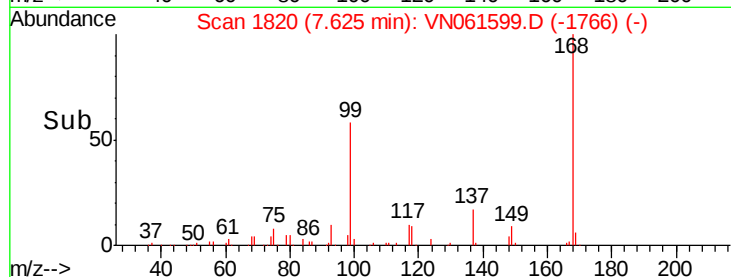
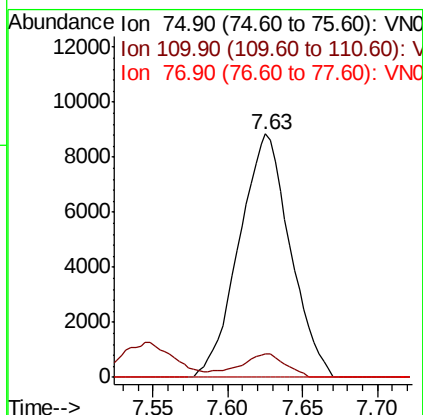
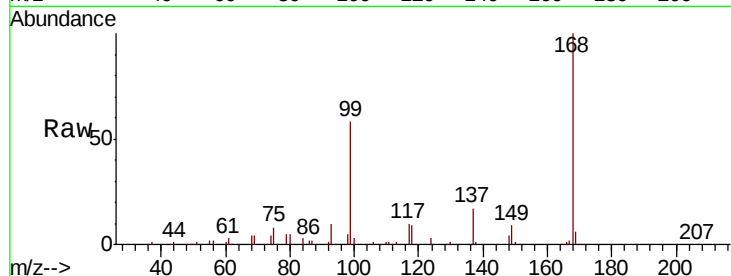




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061599.D
 Acq: 1 Jun 2020 16:56

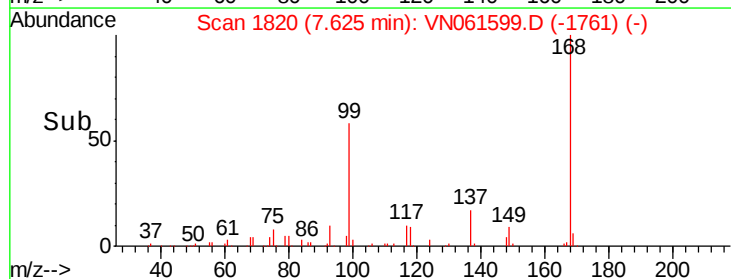
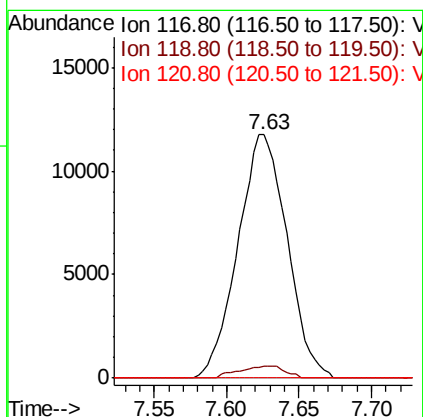
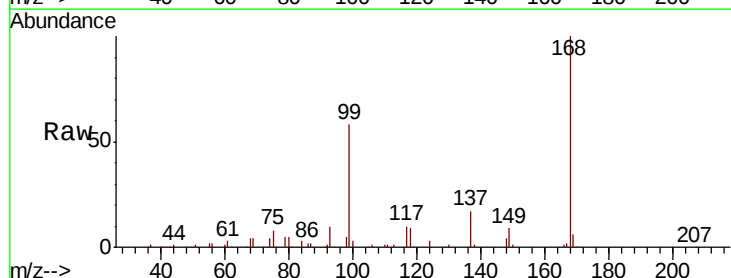
Instrument :
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 ClientSampleId :
 WP022MW001-200527

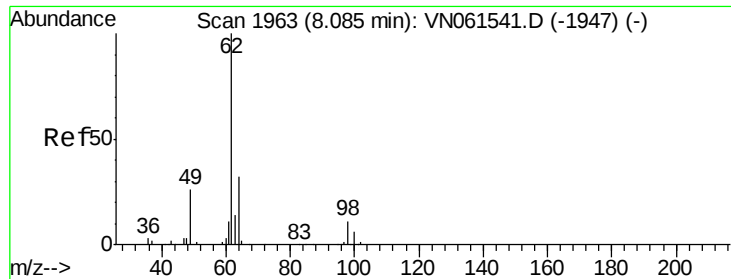
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.550 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061599.D
 Acq: 1 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.5	114.7#
121	0.0	24.1	36.1#





#42

1,2-Dichloroethane

Concen: 2.442 ug/l

RT: 8.08 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

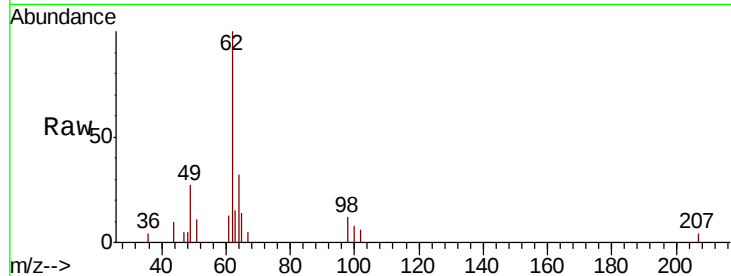
WP022MW001-200527

Tot Ion: 62 Resp: 11062

Ion Ratio Lower Upper

62 100

98 7.1 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN061541.D (-1947) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1947) (-)

8.08

5000

4000

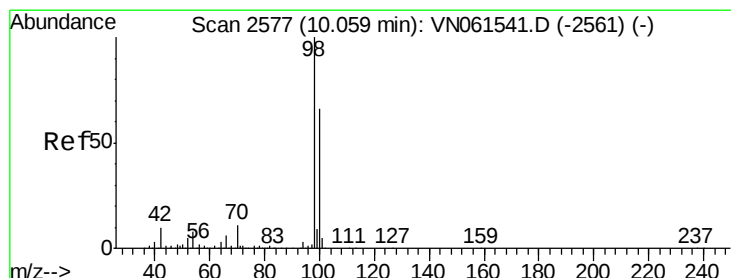
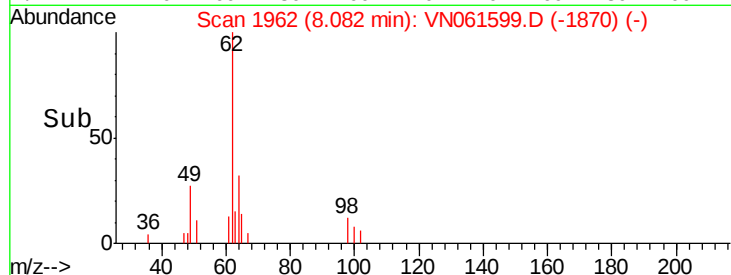
3000

2000

1000

0

Time--> 8.00 8.05 8.10 8.15



#50

Toluene-d8

Concen: 51.671 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061599.D

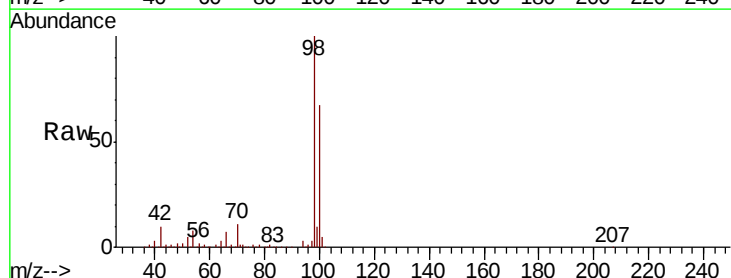
Acq: 1 Jun 2020 16:56

Tgt Ion: 98 Resp: 601766

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

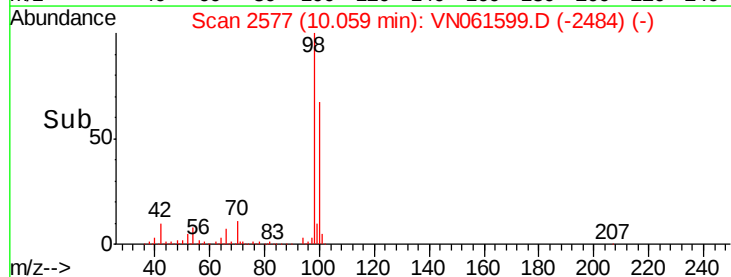
300000

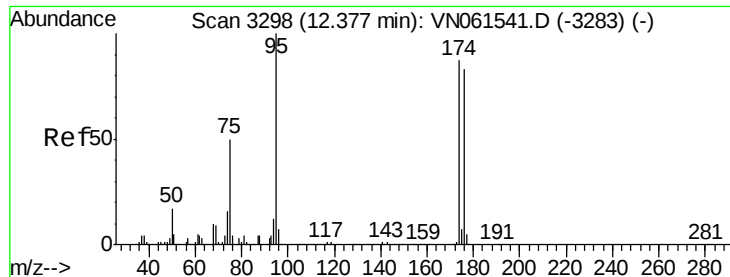
200000

100000

0

Time--> 10.00 10.10





#62

4-Bromofluorobenzene

Concen: 51.712 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

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WP022MW001-200527

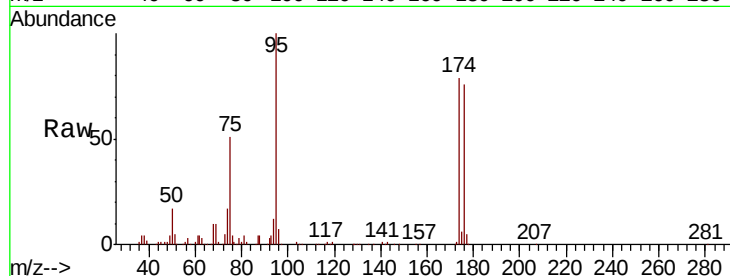
Tot Ion: 95 Resp: 219720

Ion Ratio Lower Upper

95 100

174 79.4 0.0 172.8

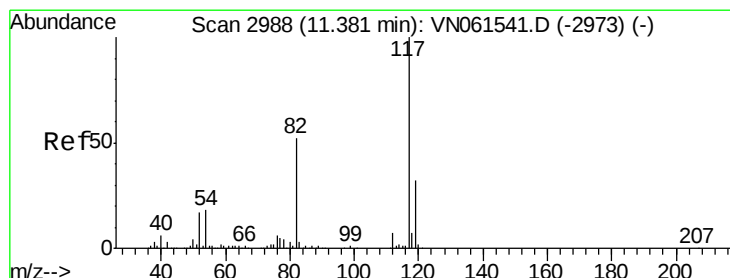
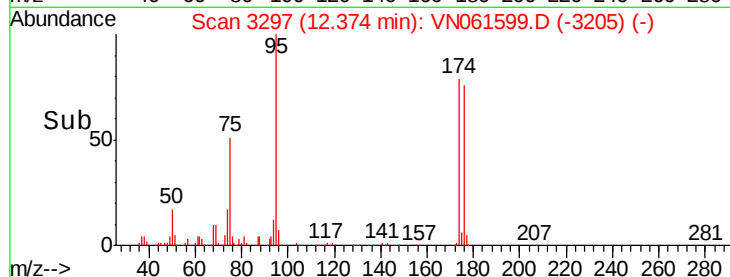
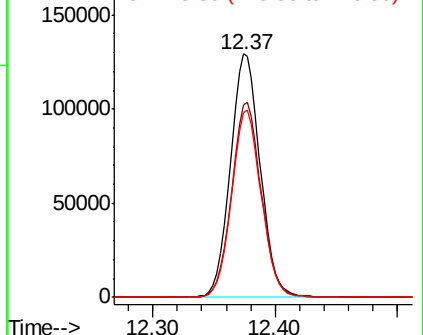
176 76.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061599.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061599.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061599.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

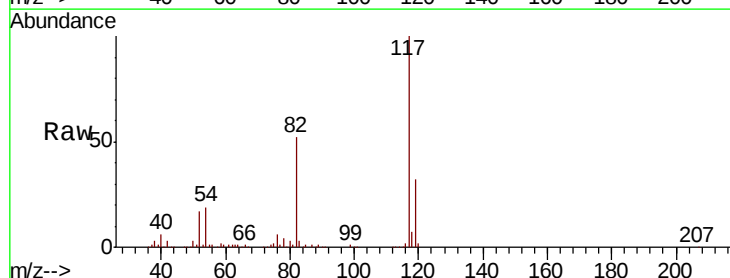
Tgt Ion: 117 Resp: 486740

Ion Ratio Lower Upper

117 100

82 51.9 41.5 62.3

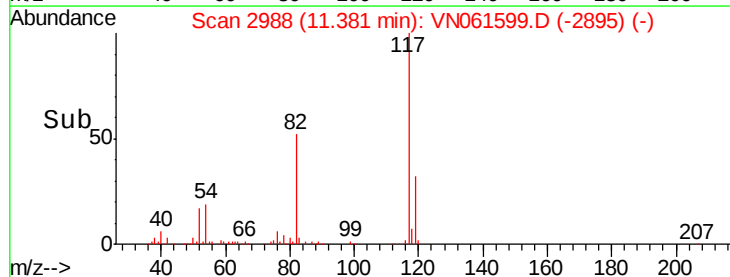
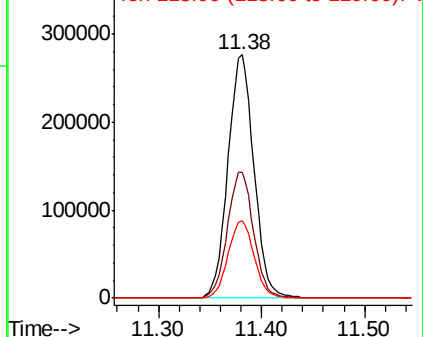
119 31.7 25.6 38.4

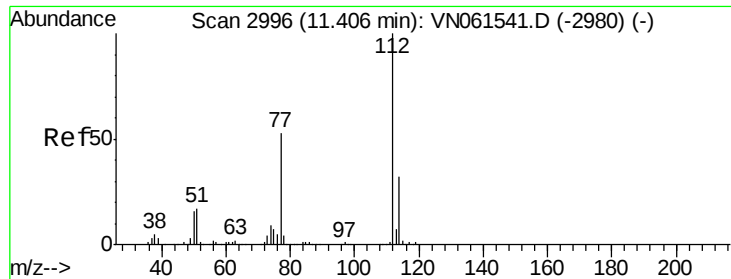


Abundance Ion 116.90 (116.60 to 117.60): VN061599.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061599.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061599.D (-2895) (-)





#65

Chlorobenzene

Concen: 0.525 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

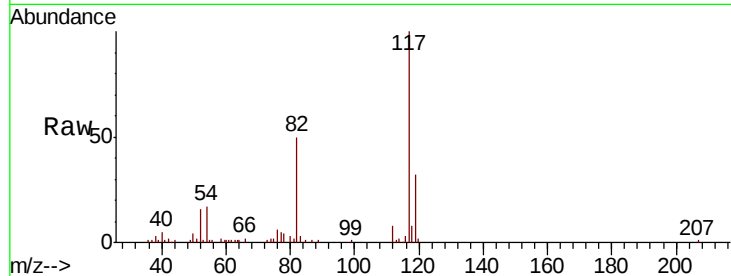
WP022MW001-200527

Tot Ion:112 Resp: 5309

Ion Ratio Lower Upper

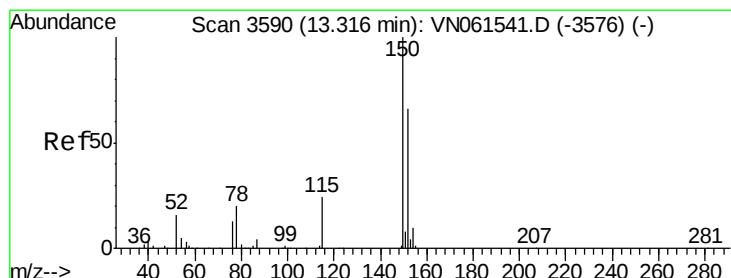
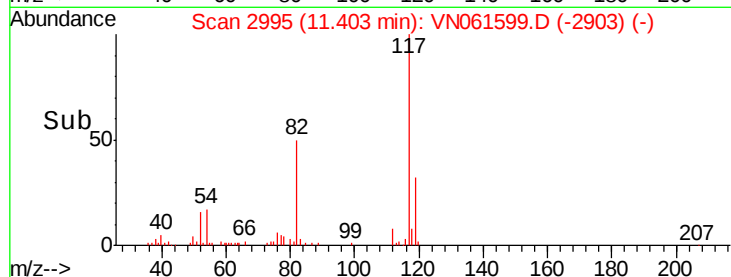
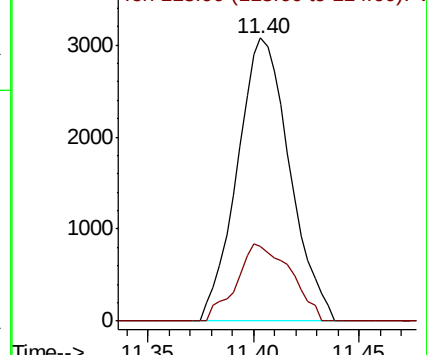
112 100

114 26.5 25.7 38.5



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

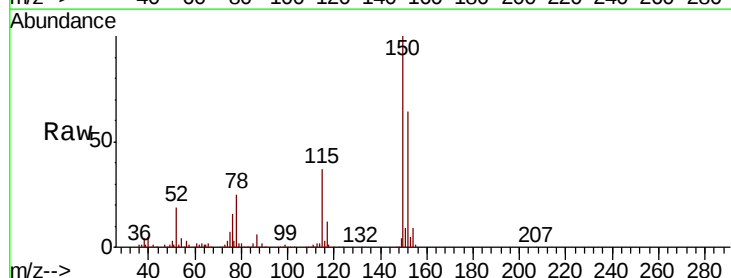
Tgt Ion:152 Resp: 214069

Ion Ratio Lower Upper

152 100

115 59.7 28.0 84.0

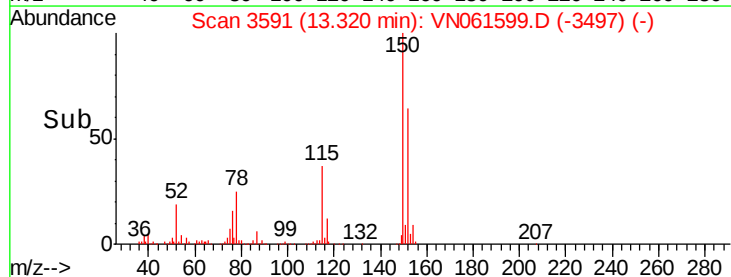
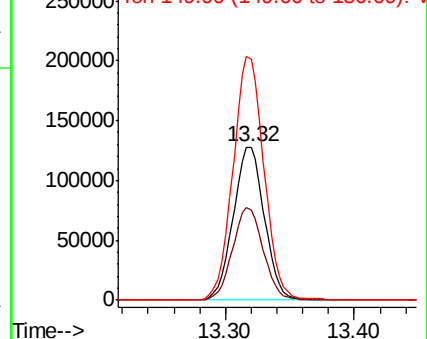
150 158.4 0.0 344.0

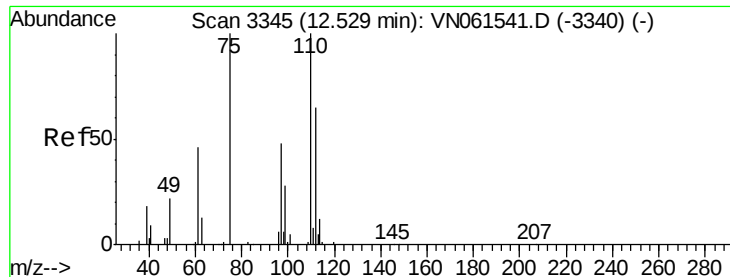


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.421 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

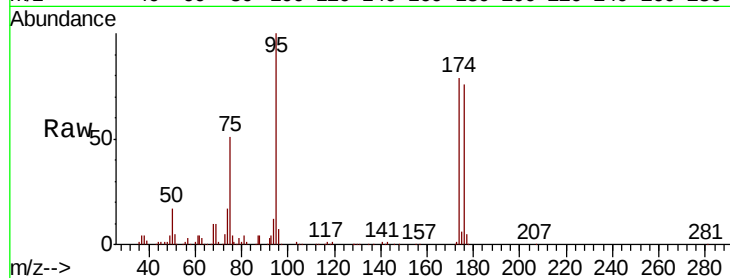
WP022MW001-200527

Tot Ion: 75 Resp: 110632

Ion Ratio Lower Upper

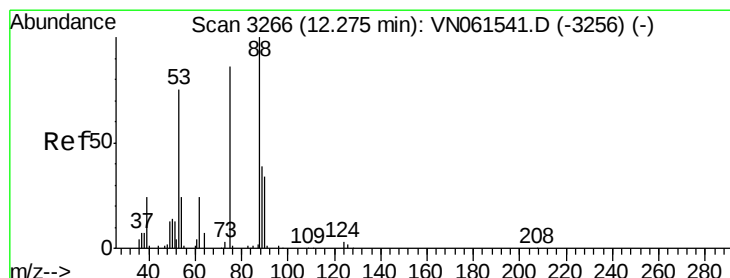
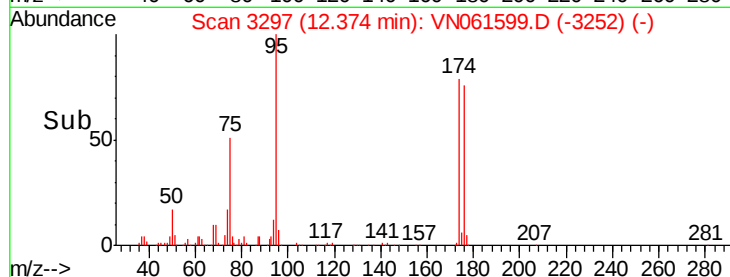
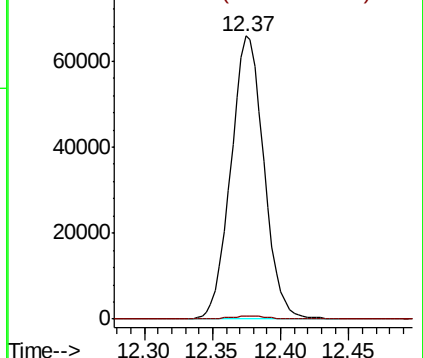
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.680 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061599.D

Acq: 1 Jun 2020 16:56

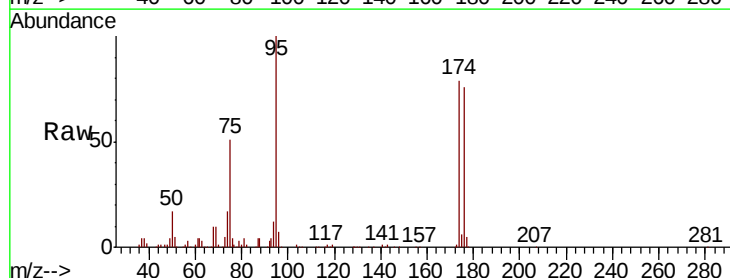
Tgt Ion: 75 Resp: 110632

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

