

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061670.D
 Acq On : 5 Jun 2020 15:31
 Operator : JC/MD
 Sample : L2903-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 06 03:21:49 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	306832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	520912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	233523	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	171901	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
35) Dibromofluoromethane	7.55	113	150369	56.90	ug/l	0.00
Spiked Amount			Recovery	=	113.80%	
50) Toluene-d8	10.06	98	625952	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.38	95	231178	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	

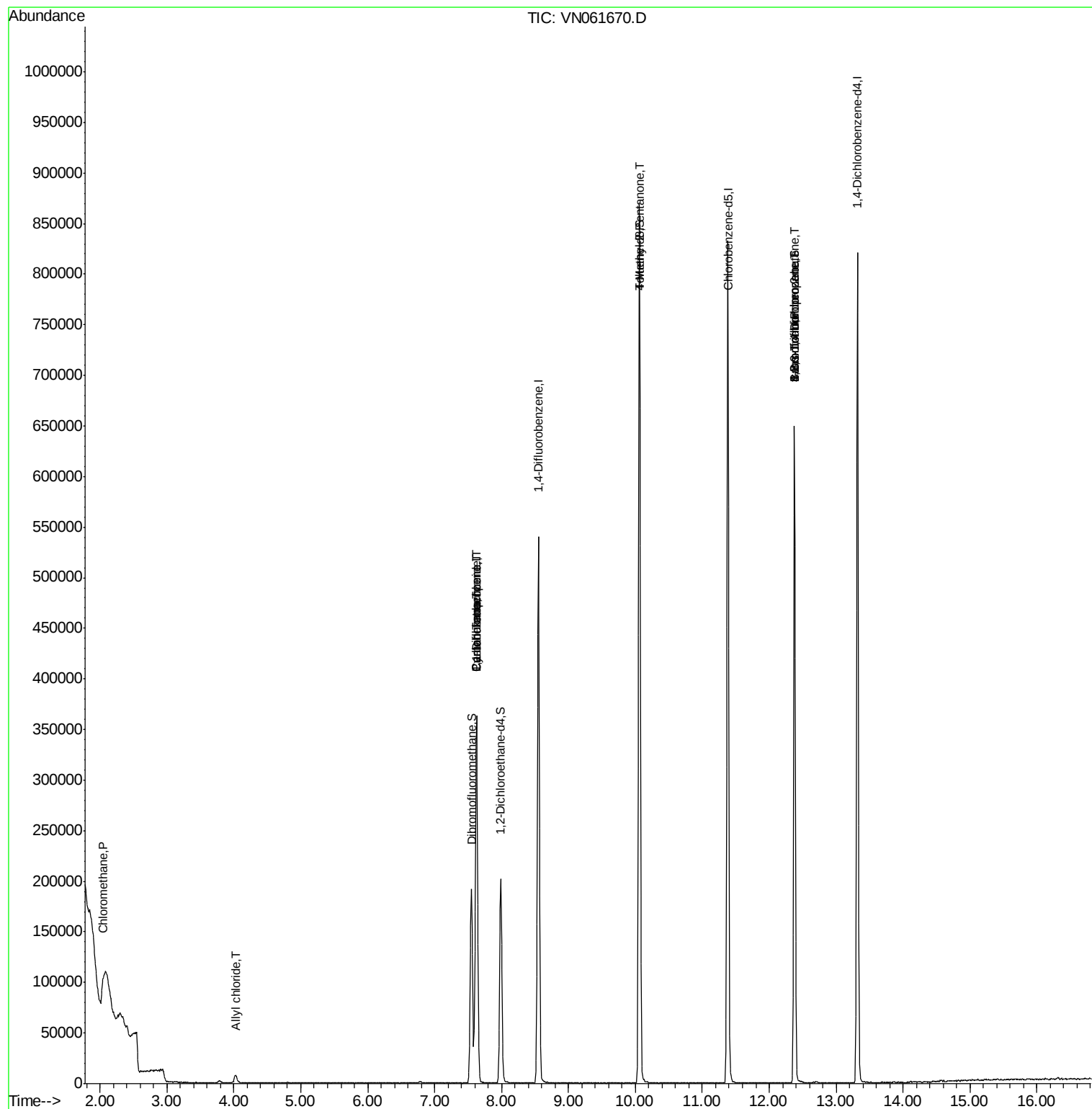
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1117	0.30	ug/l #	83
14) Allyl chloride	4.03	41	1098	0.27	ug/l #	73
16) Acetone	3.78	43	3978	Below Cal		91
20) Methylene Chloride	4.51	84	207	Below Cal	#	11
31) Cyclohexane	7.63	56	5746	1.12	ug/l #	4
36) 1,1-Dichloropropene	7.63	75	20558	4.46	ug/l #	48
38) Carbon Tetrachloride	7.63	117	29199	6.56	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2429	0.65	ug/l #	1
71) Bromoform	12.38	173	1653	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	111104	26.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	111104	66.91	ug/l #	15

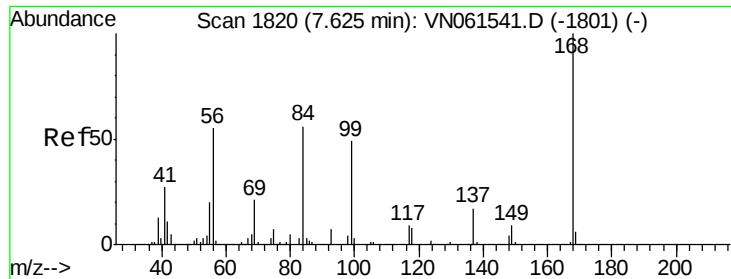
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061670.D
Acq On : 5 Jun 2020 15:31
Operator : JC/MD
Sample : L2903-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Time: Jun 06 03:21:49 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: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

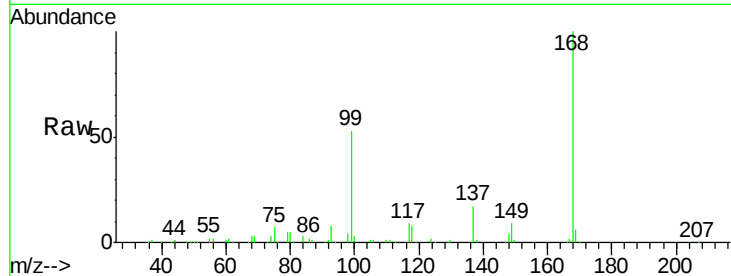
MW-3

Tgt Ion:168 Resp: 306832

Ion Ratio Lower Upper

168 100

99 52.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061670.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061670.D (-1727) (-)

7.63

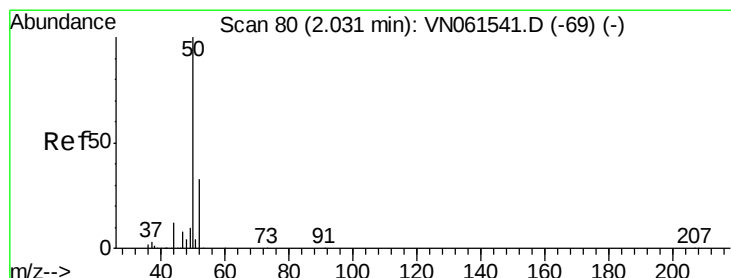
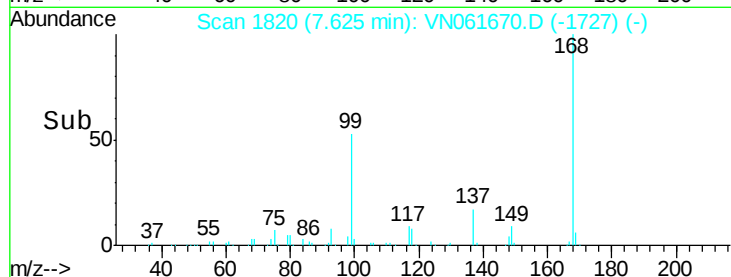
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.30 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061670.D

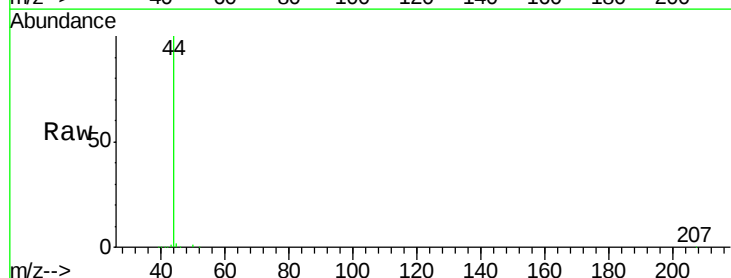
Acq: 5 Jun 2020 15:31

Tgt Ion: 50 Resp: 1117

Ion Ratio Lower Upper

50 100

52 23.6 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN061670.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061670.D (-1) (-)

2.04

1000

800

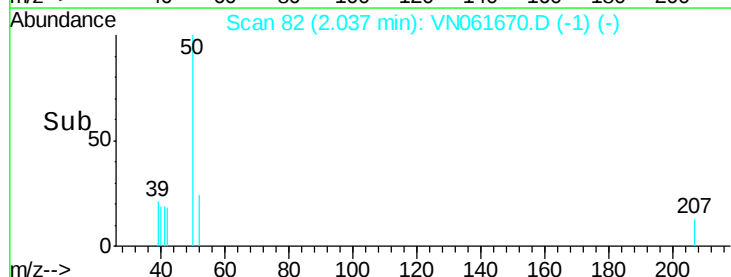
600

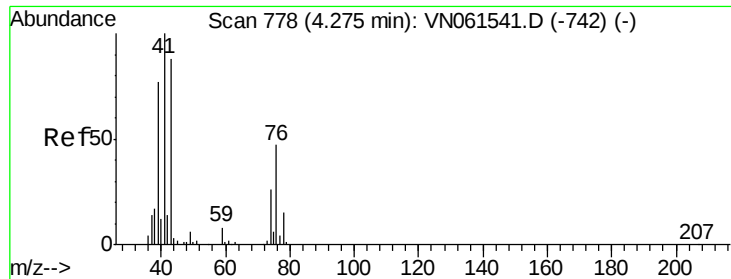
400

200

0

Time--> 2.00 2.02 2.04 2.06

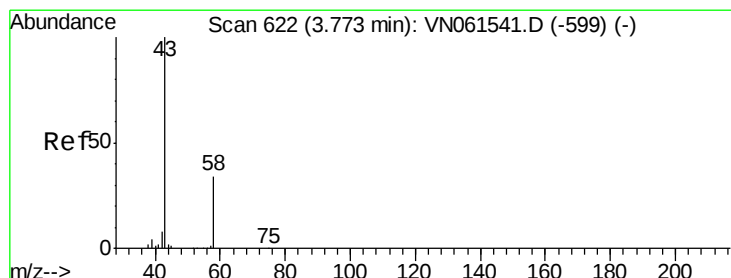
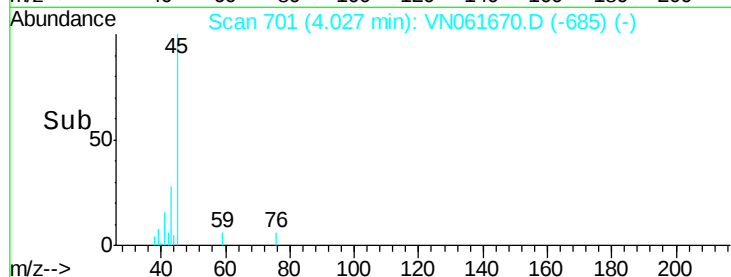
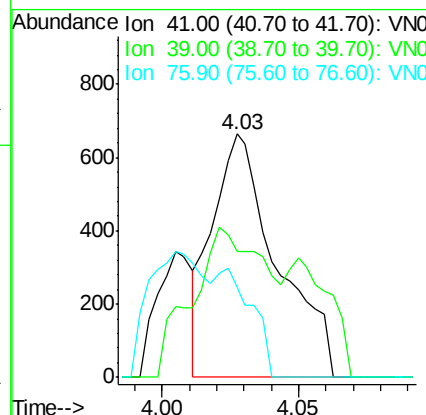
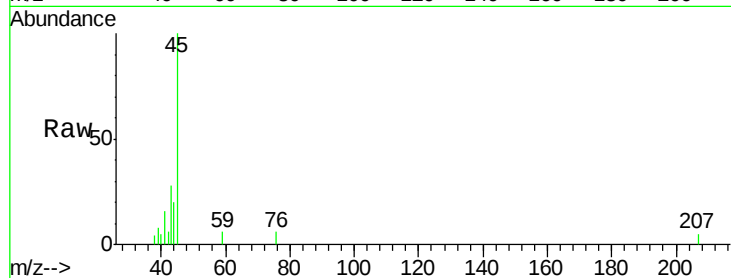




#14
 Allyl chloride
 Concen: 0.27 ug/l
 RT: 4.03 min Scan# 701
 Delta R.T. -0.25 min
 Lab File: VN061670.D
 Acq: 5 Jun 2020 15:31

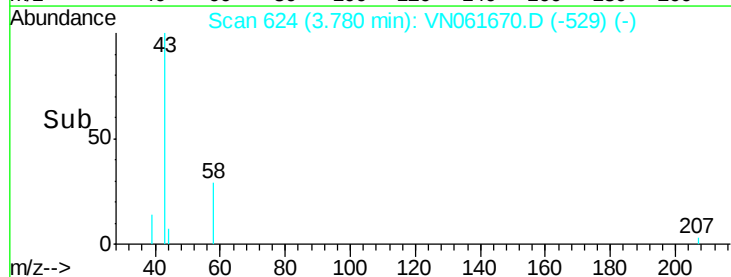
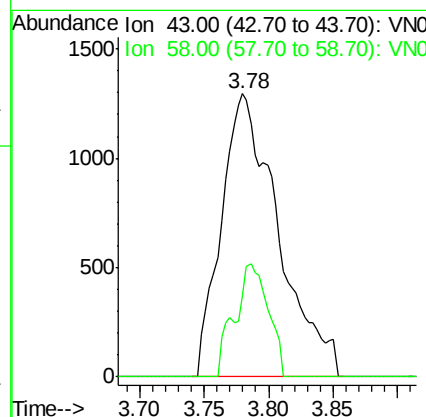
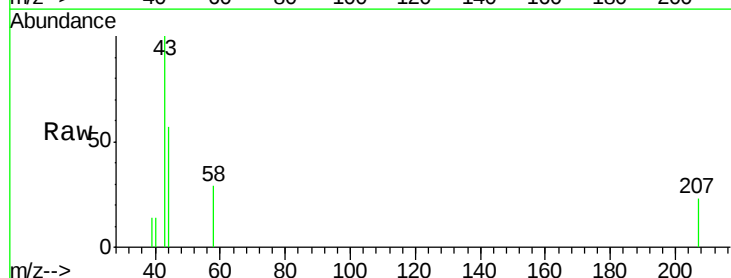
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

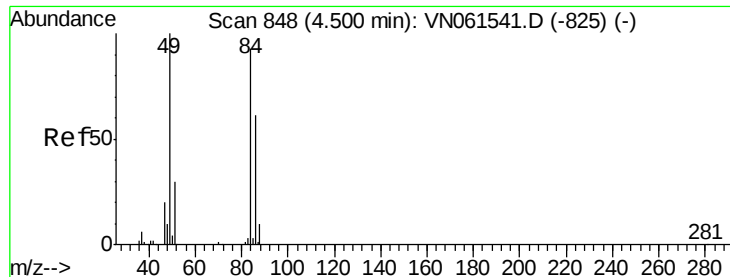
Tgt Ion: 41 Resp: 1098
 Ion Ratio Lower Upper
 41 100
 39 70.4 58.6 88.0
 76 0.0 34.2 51.4#



#16
 Acetone
 Concen: Below Cal
 RT: 3.78 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: VN061670.D
 Acq: 5 Jun 2020 15:31

Tgt Ion: 43 Resp: 3978
 Ion Ratio Lower Upper
 43 100
 58 28.9 27.2 40.8

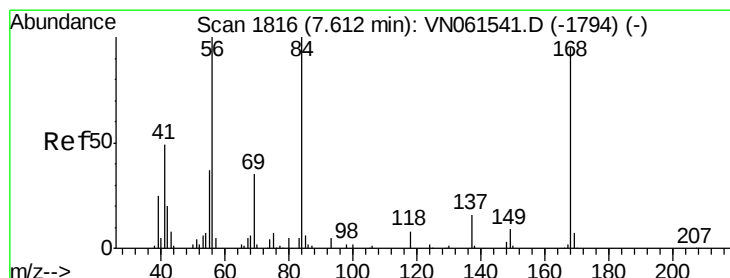
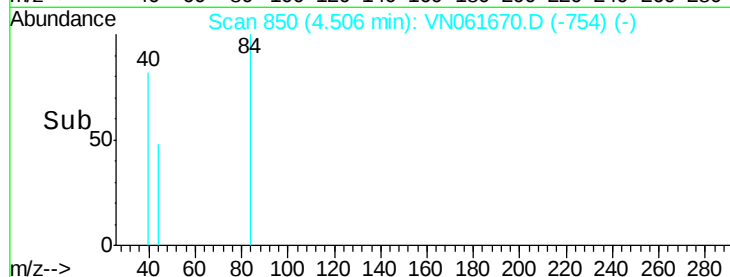
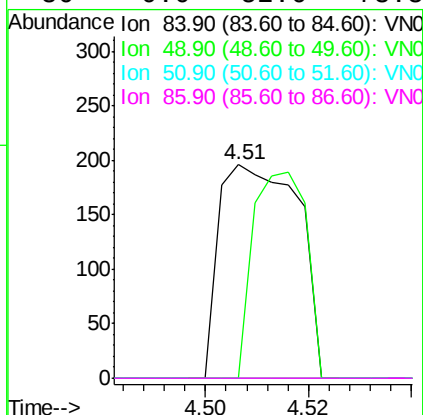
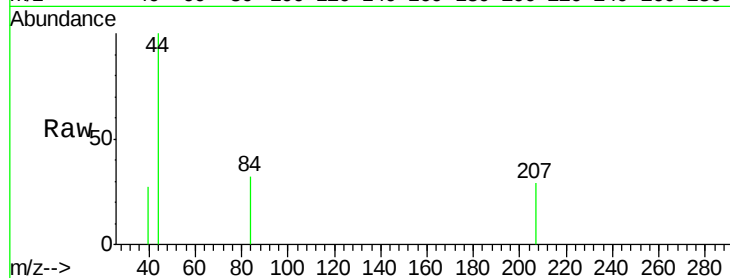




#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

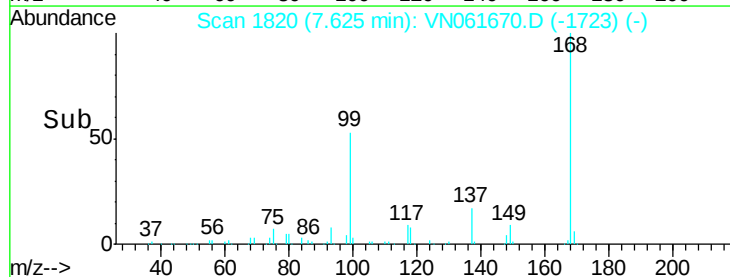
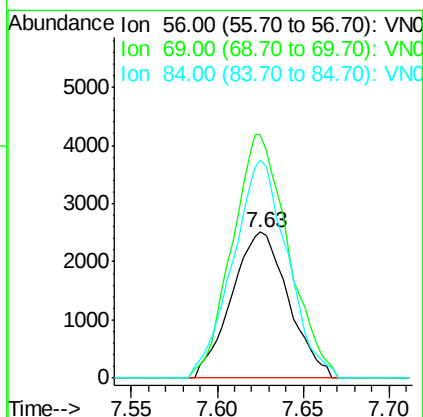
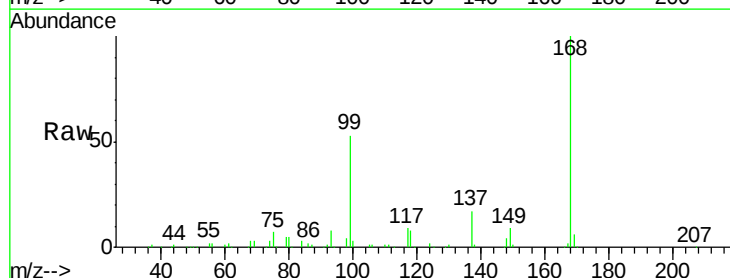
Instrument :
MSVOA_N
ClientSampleId :
MW-3

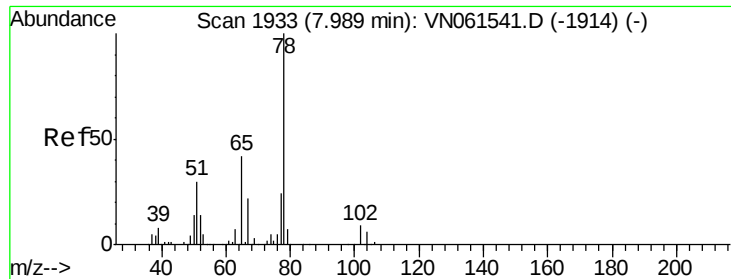
Tgt Ion: 84 Resp: 207
Ion Ratio Lower Upper
84 100
49 0.0 85.8 128.8#
51 0.0 26.2 39.2#
86 0.0 52.6 78.8#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Tgt Ion: 56 Resp: 5746
Ion Ratio Lower Upper
56 100
69 167.1 27.8 41.8#
84 150.0 79.9 119.9#





#33

1,2-Dichloroethane-d4

Concen: 47.02 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

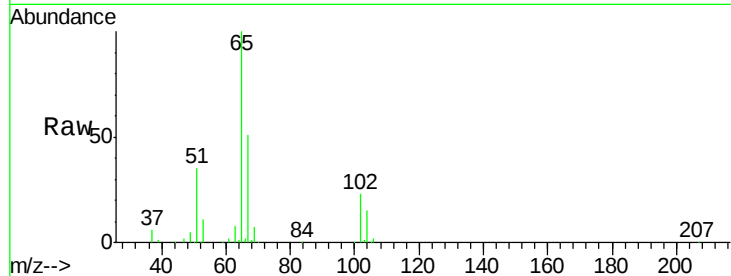
MW-3

Tgt Ion: 65 Resp: 171901

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061670.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061670.D (-1840) (-)

7.99

80000

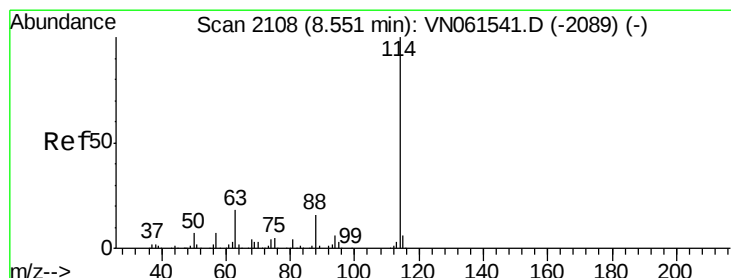
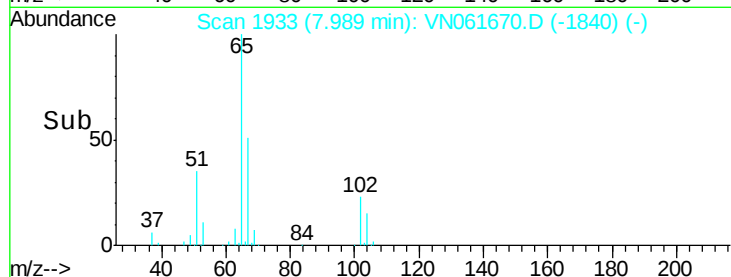
60000

40000

20000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

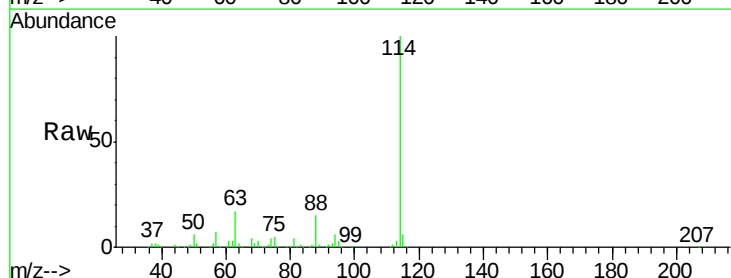
Tgt Ion: 114 Resp: 520912

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061670.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN061670.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN061670.D (-2015) (-)

8.55

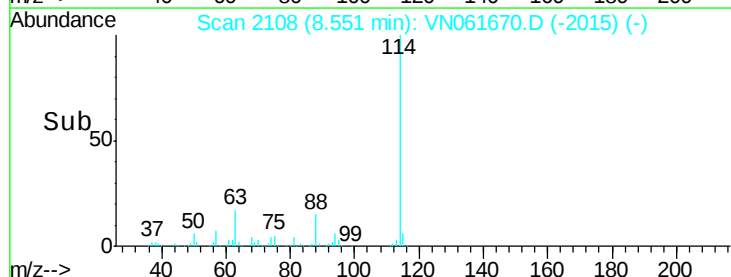
300000

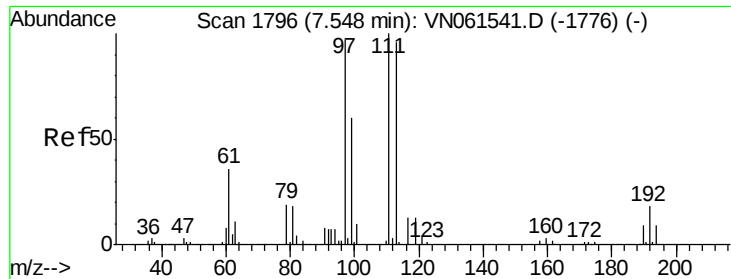
200000

100000

0

Time--> 8.50 8.60

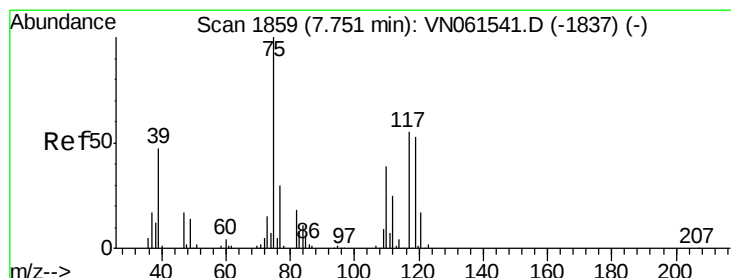
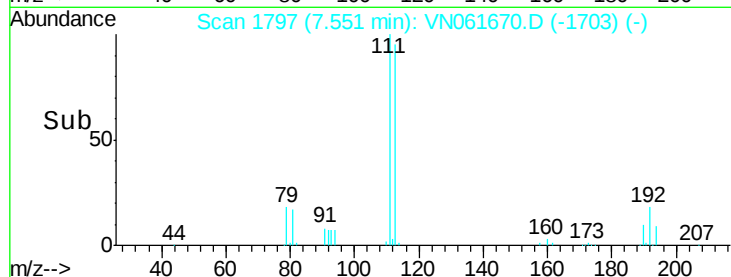
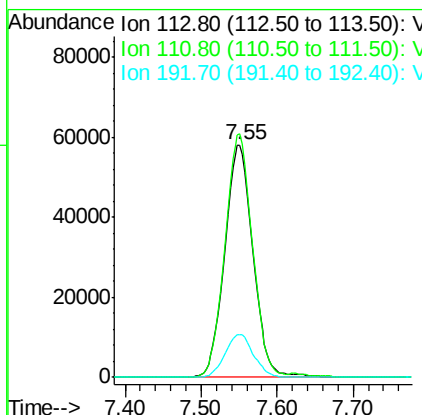
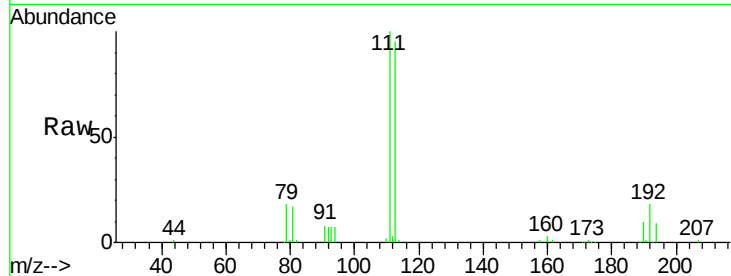




#35
 Dibromofluoromethane
 Concen: 56.90 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061670.D
 Acq: 5 Jun 2020 15:31

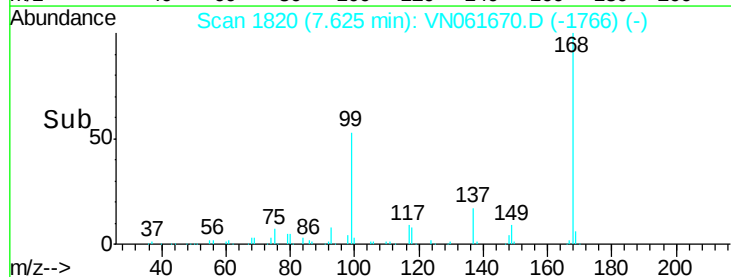
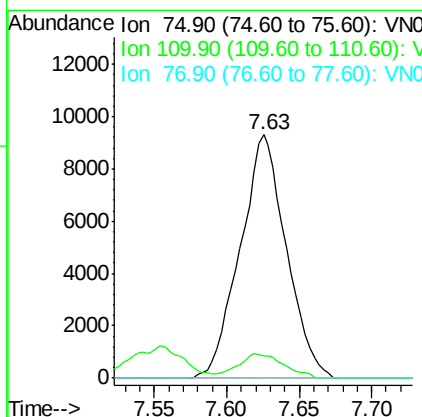
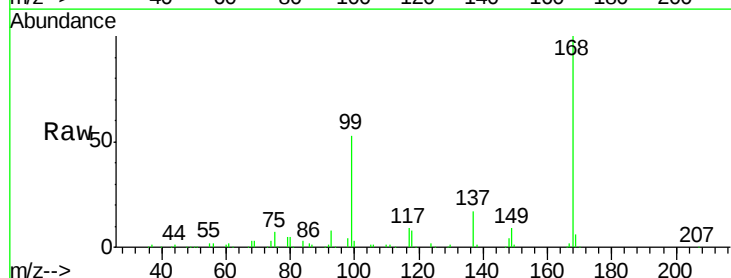
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

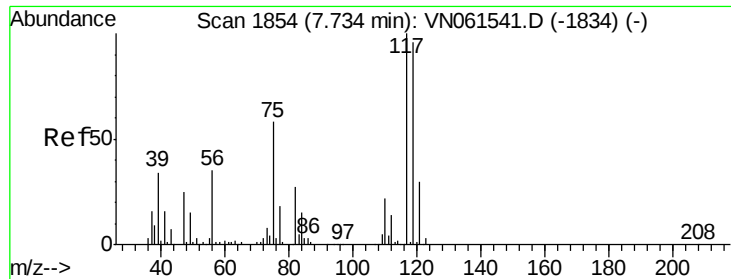
Tgt Ion:113 Resp: 150369
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.4 125.0
 192 18.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.46 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061670.D
 Acq: 5 Jun 2020 15:31

Tgt Ion: 75 Resp: 20558
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.5 58.5#
 77 0.0 24.7 37.1#

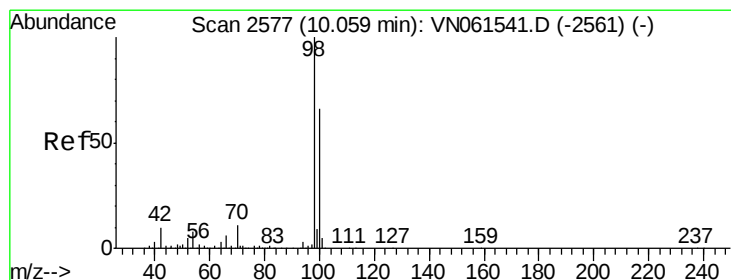
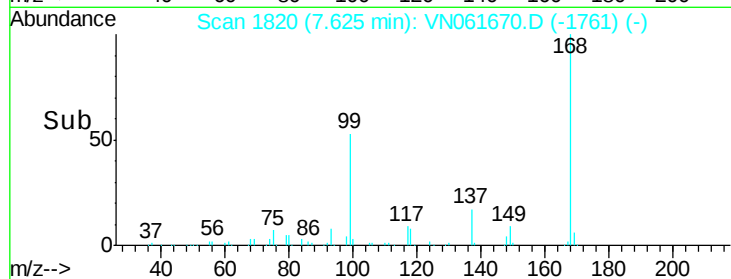
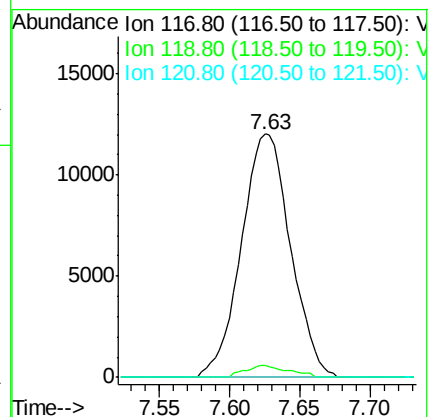
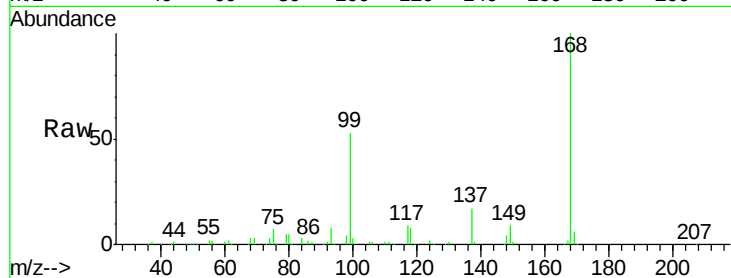




#38
Carbon Tetrachloride
Concen: 6.56 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

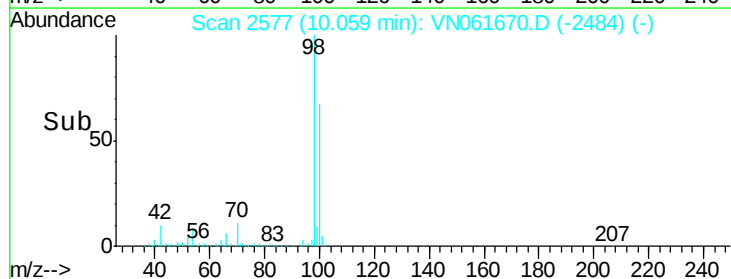
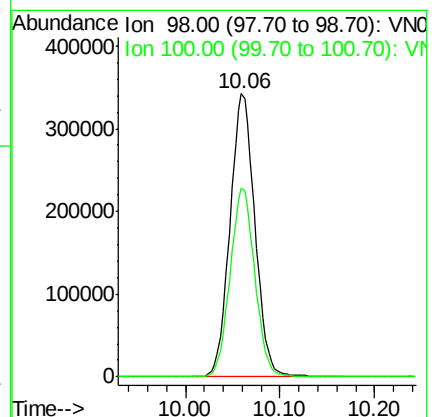
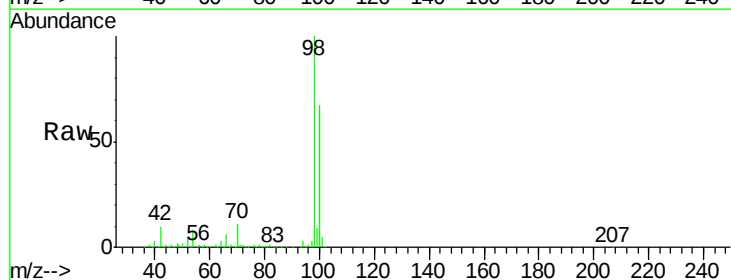
Instrument :
MSVOA_N
ClientSampleId :
MW-3

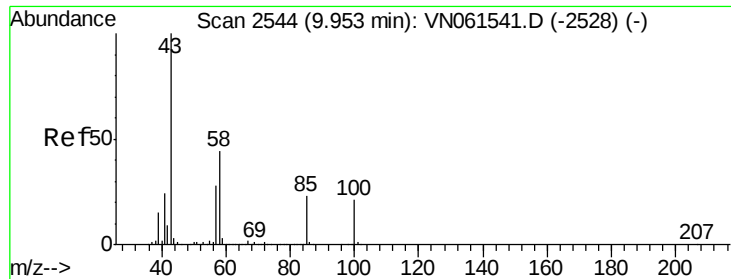
Tgt Ion: 117 Resp: 29199
Ion Ratio Lower Upper
117 100
119 4.8 76.5 114.7#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Tgt Ion: 98 Resp: 625952
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 0.65 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampled :

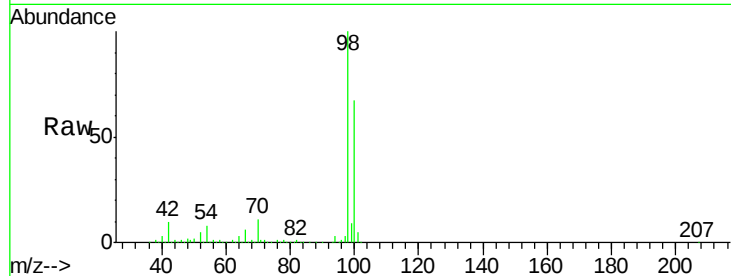
MW-3

Tgt Ion: 43 Resp: 2429

Ion Ratio Lower Upper

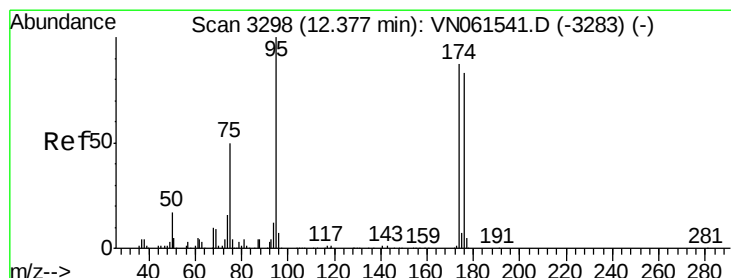
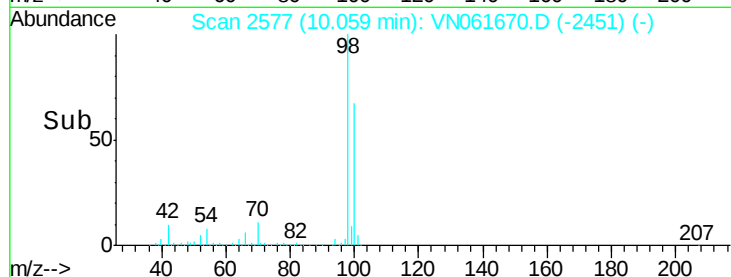
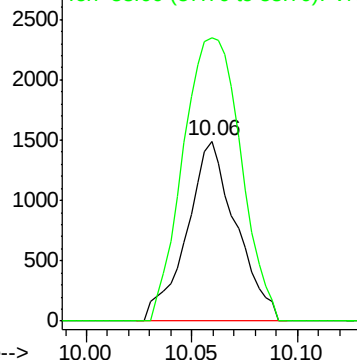
43 100

58 184.3 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.74 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

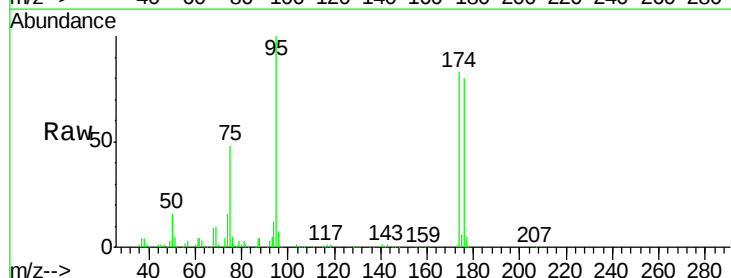
Tgt Ion: 95 Resp: 231178

Ion Ratio Lower Upper

95 100

174 81.2 0.0 172.8

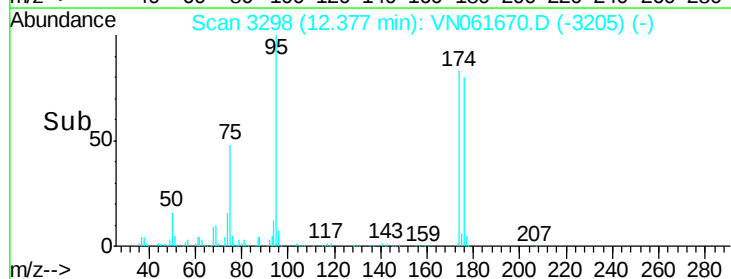
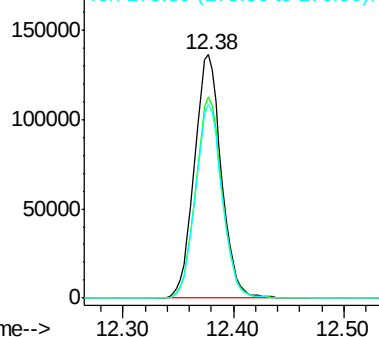
176 78.6 0.0 164.8

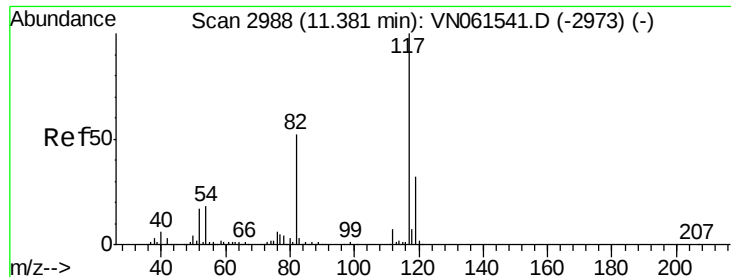


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

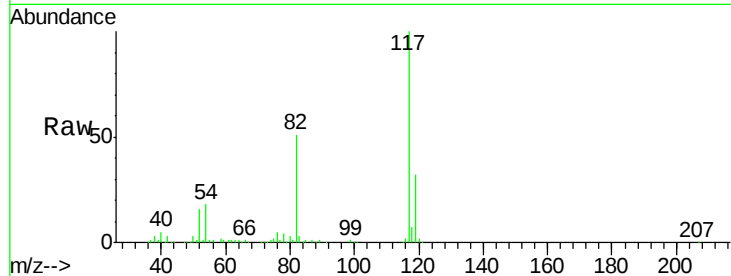




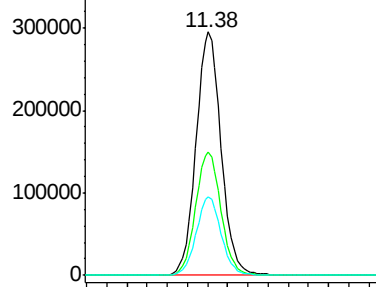
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Instrument :
MSVOA_N
ClientSampled :
MW-3

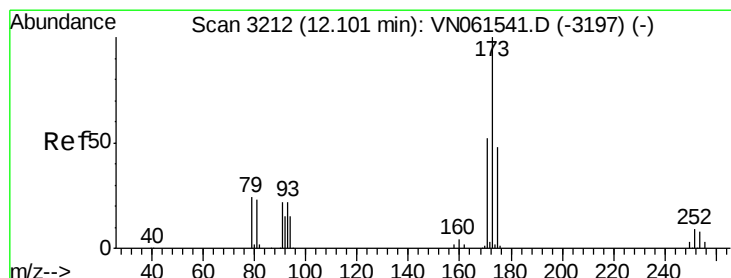
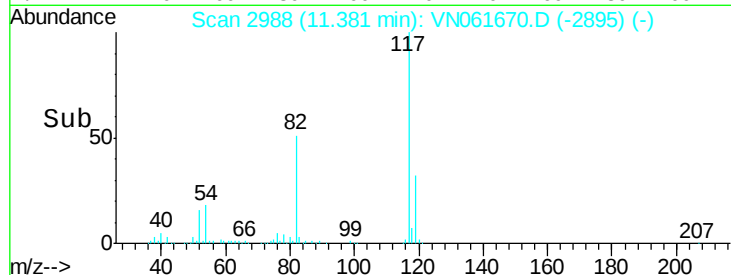
Tgt Ion:117 Resp: 512055
Ion Ratio Lower Upper
117 100
82 50.9 41.5 62.3
119 32.4 25.6 38.4



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

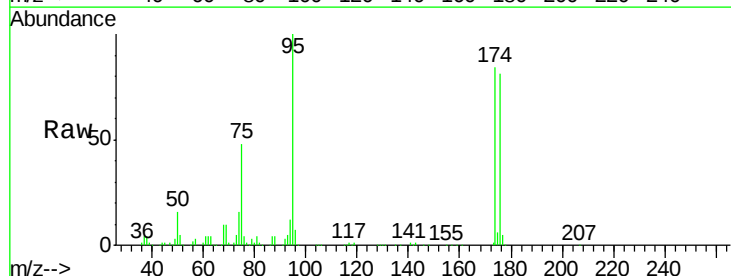


Time-->

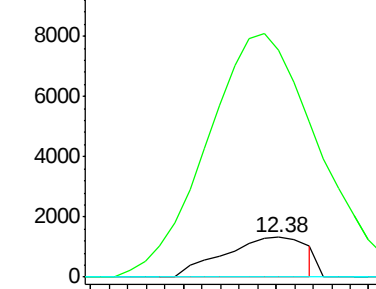


#71
Bromoform
Concen: 0.54 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

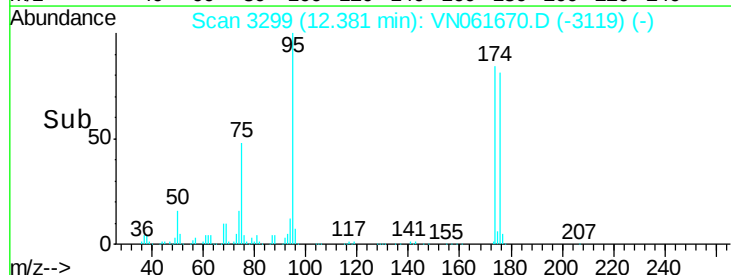
Tgt Ion:173 Resp: 1653
Ion Ratio Lower Upper
173 100
175 685.0 24.4 73.2#
254 0.0 0.0 0.0

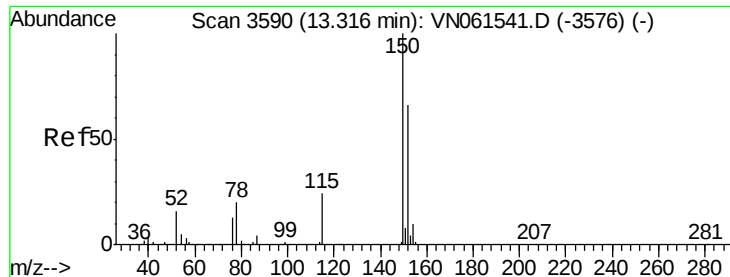


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

MW-3

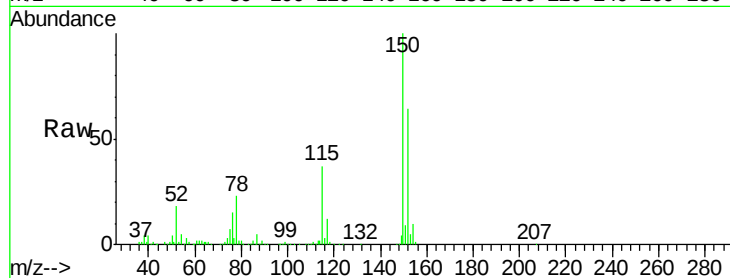
Tgt Ion:152 Resp: 233523

Ion Ratio Lower Upper

152 100

115 58.0 28.0 84.0

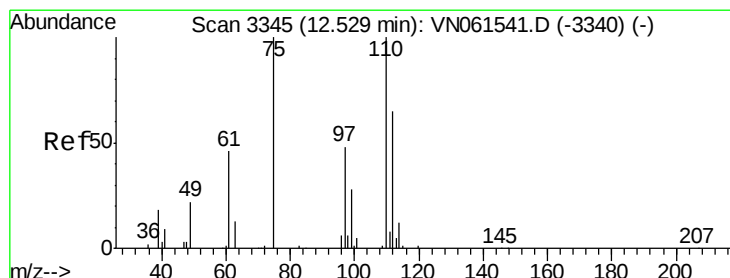
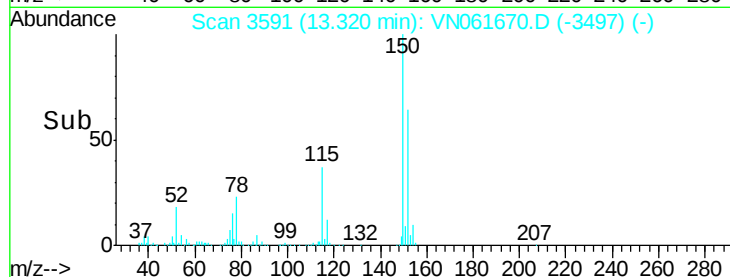
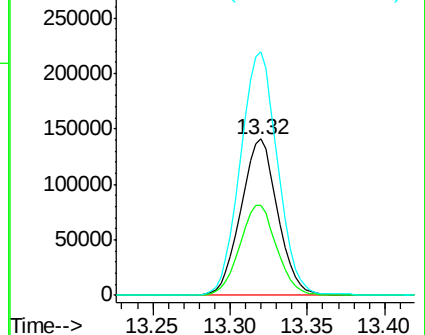
150 158.0 0.0 344.0



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: 26.16 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061670.D

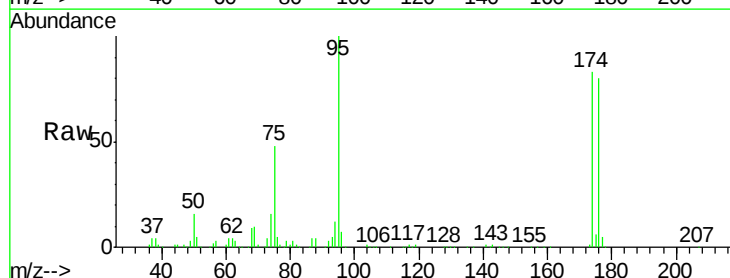
Acq: 5 Jun 2020 15:31

Tgt Ion: 75 Resp: 111104

Ion Ratio Lower Upper

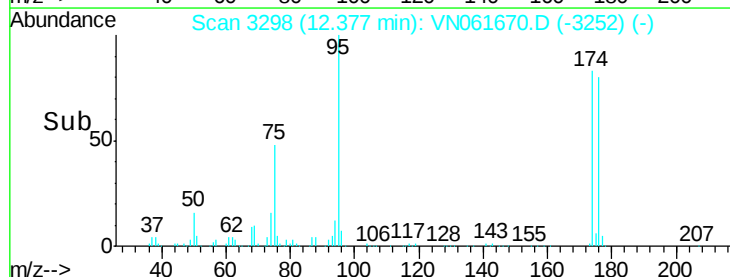
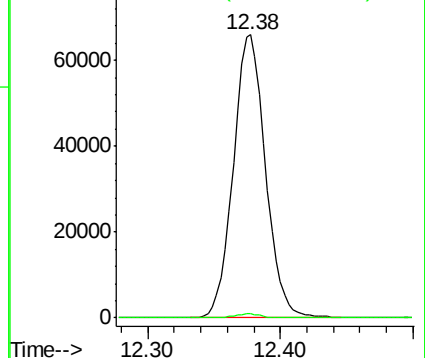
75 100

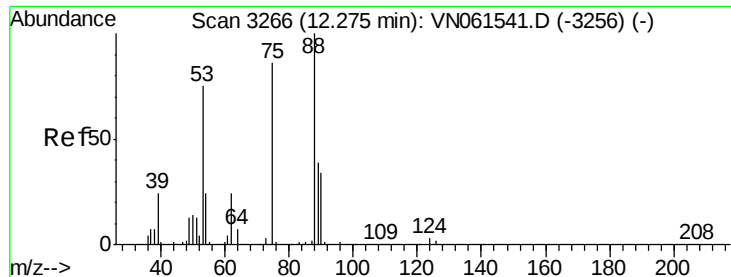
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 66.91 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

MW-3

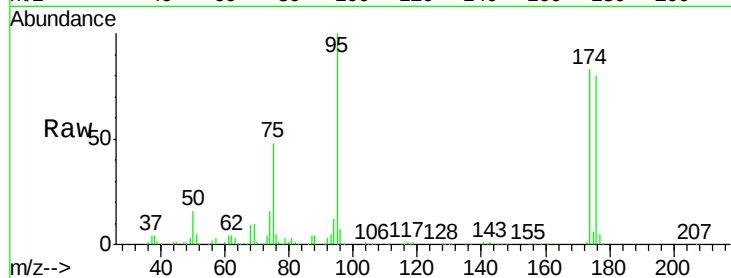
Tgt Ion: 75 Resp: 111104

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

