

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061682.D
 Acq On : 5 Jun 2020 20:12
 Operator : JC/MD
 Sample : L2921-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW008-200604

Quant Time: Jun 06 03:25:27 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	297987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232027	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	171585	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.66%		
35) Dibromofluoromethane	7.55	113	146795	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.08%		
50) Toluene-d8	10.06	98	614070	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.28%		
62) 4-Bromofluorobenzene	12.38	95	226599	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.42%		

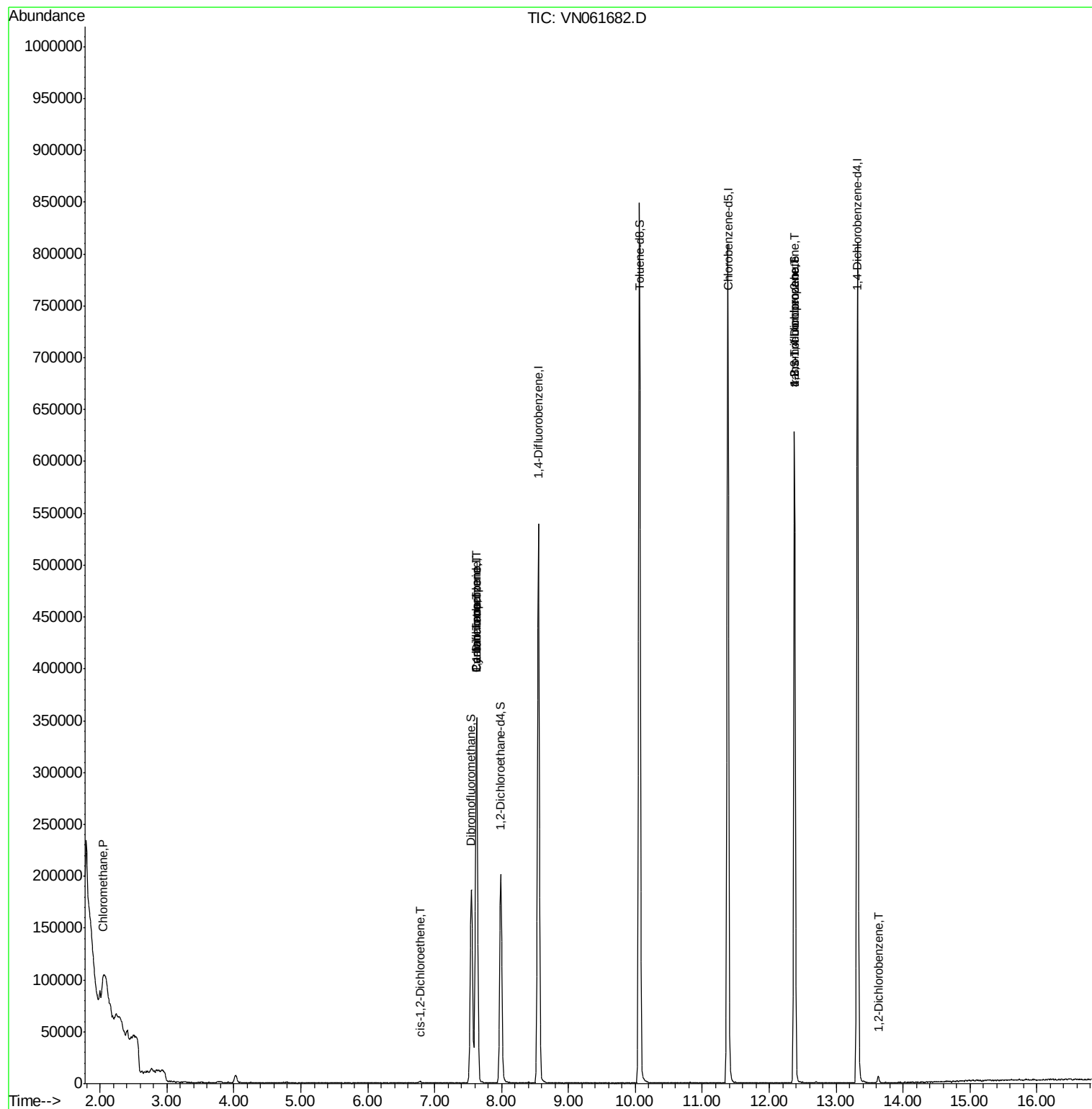
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1144	0.31	ug/l	98
16) Acetone	3.77	43	1060	Below Cal	#	85
20) Methylene Chloride	4.51	84	146	Below Cal	#	11
27) cis-1,2-Dichloroethene	6.78	96	1004	0.26	ug/l	77
31) Cyclohexane	7.63	56	5739	1.15	ug/l	# 38
36) 1,1-Dichloropropene	7.63	75	20989	4.55	ug/l	# 48
38) Carbon Tetrachloride	7.63	117	29022	6.52	ug/l	# 15
76) 1,2,3-Trichloropropane	12.38	75	109364	25.92	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.38	75	109364	66.29	ug/l	# 15
91) 1,2-Dichlorobenzene	13.63	146	3022	0.41	ug/l	92

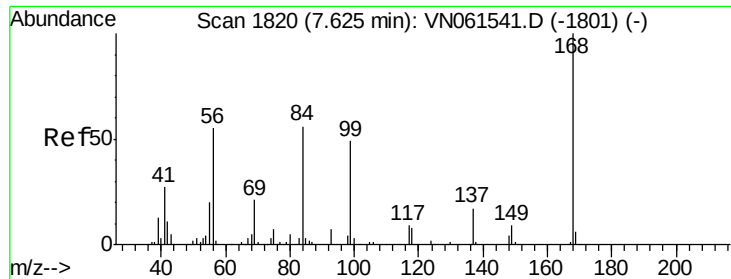
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

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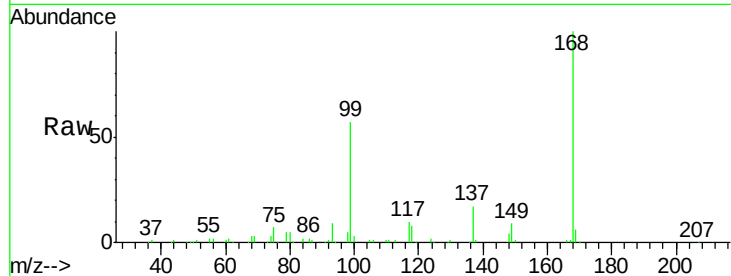
LF012MW008-200604

Tgt Ion:168 Resp: 297987

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

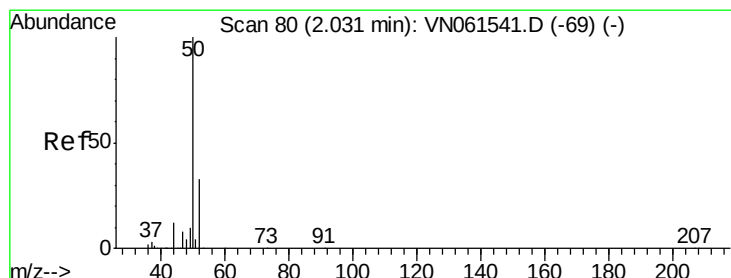
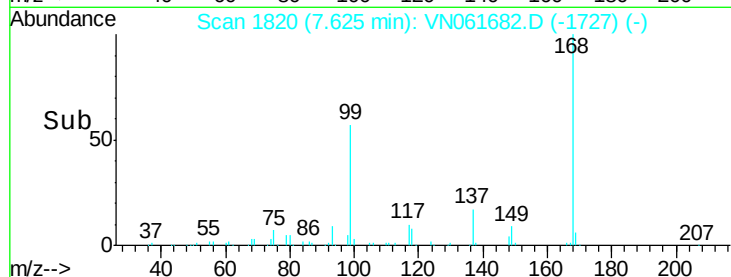
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.31 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061682.D

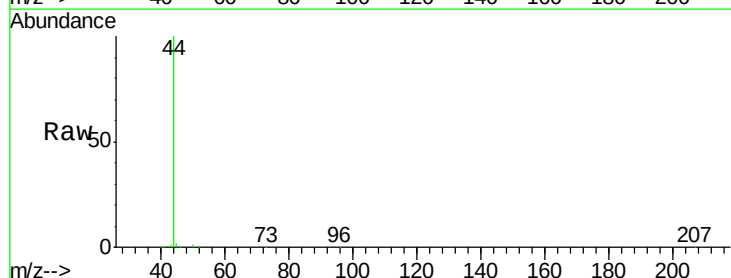
Acq: 5 Jun 2020 20:12

Tgt Ion: 50 Resp: 1144

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1000

800

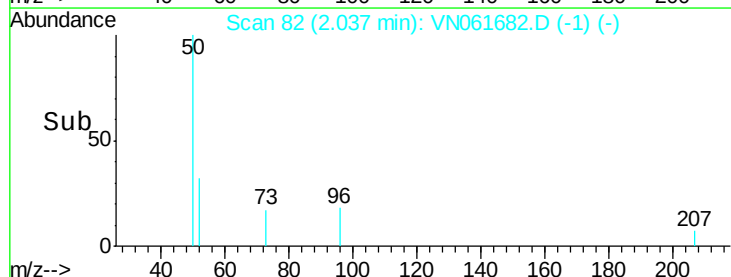
600

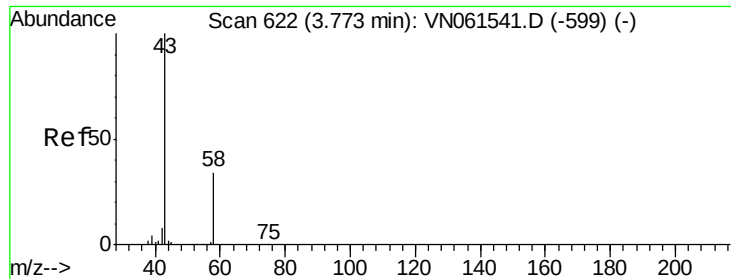
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08

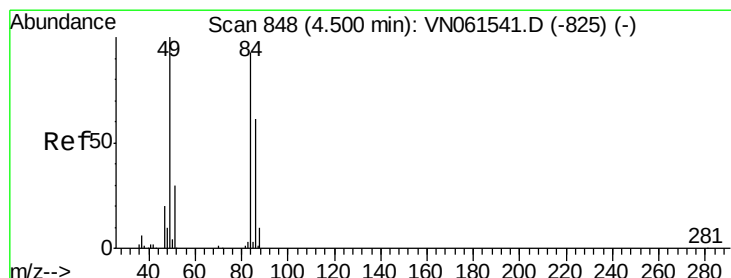
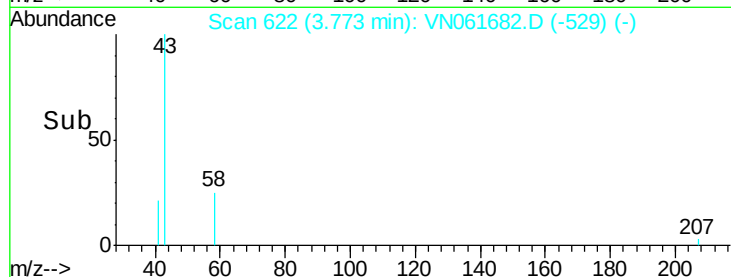
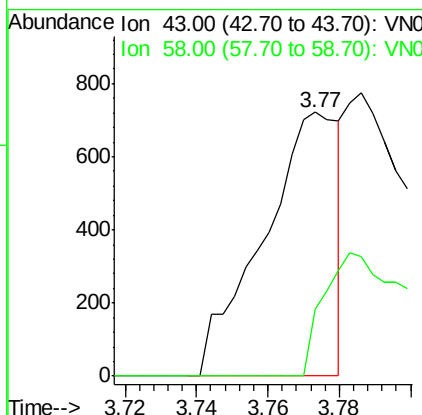
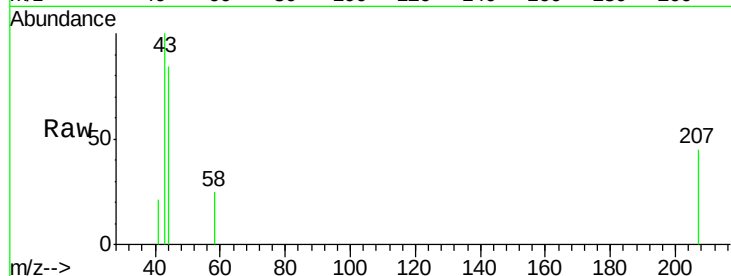




#16
Acetone
Concen: Below Cal
RT: 3.77 min Scan# 622
Delta R.T. 0.00 min
Lab File: VN061682.D
Acq: 5 Jun 2020 20:12

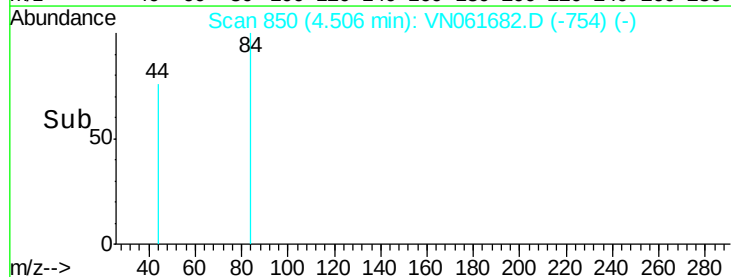
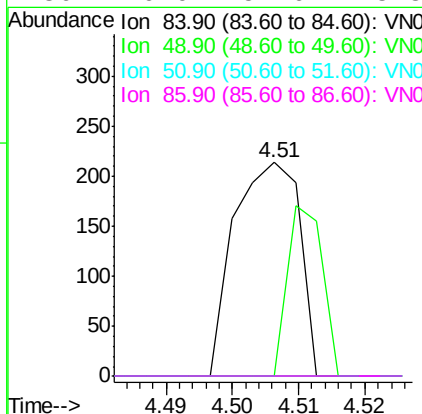
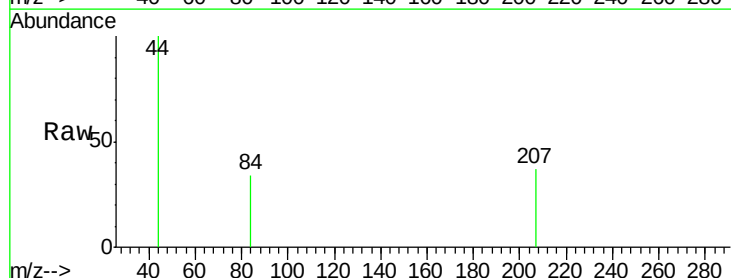
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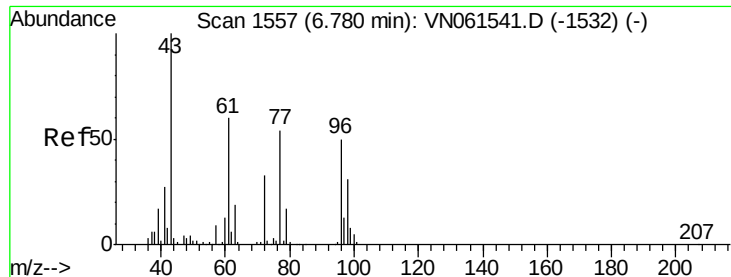
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 25.5 27.2 40.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061682.D
Acq: 5 Jun 2020 20:12

Tgt Ion: 84 Resp: 146
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#

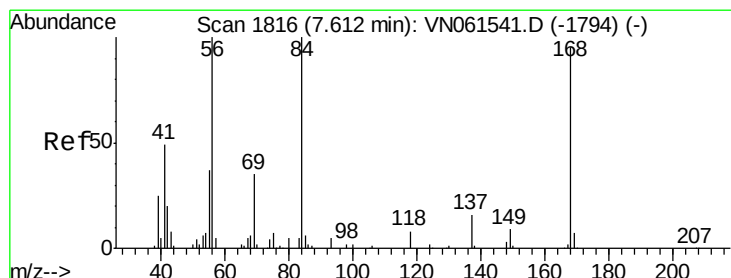
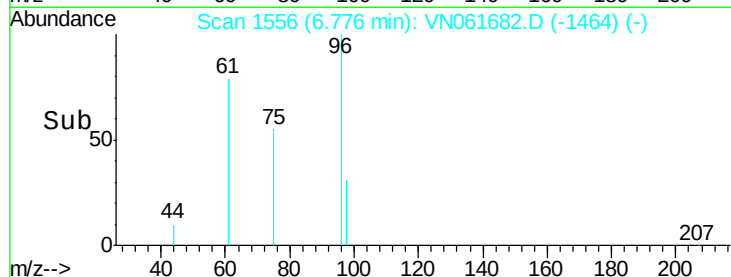
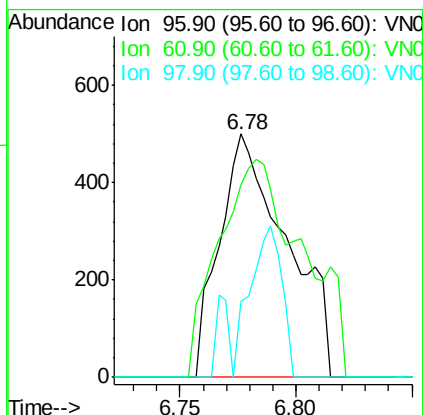
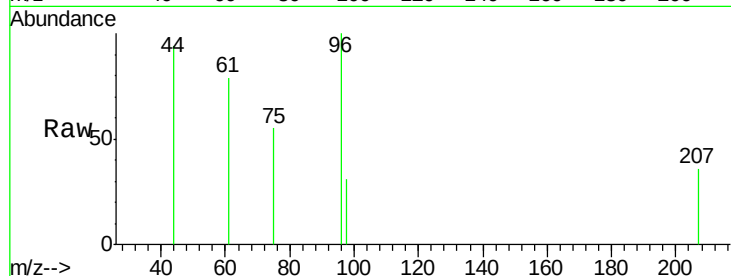




#27
 cis-1,2-Dichloroethene
 Concen: 0.26 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

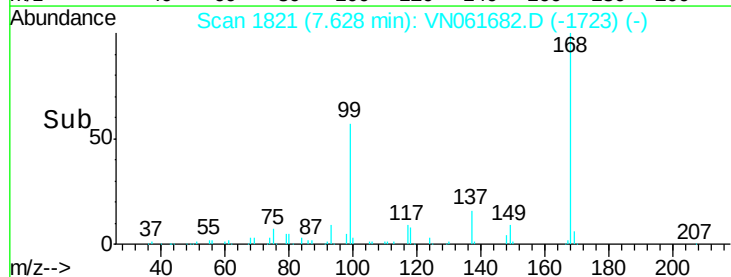
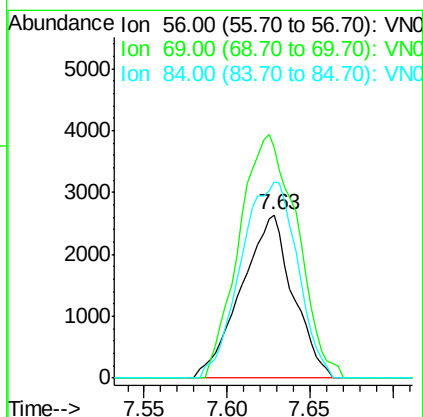
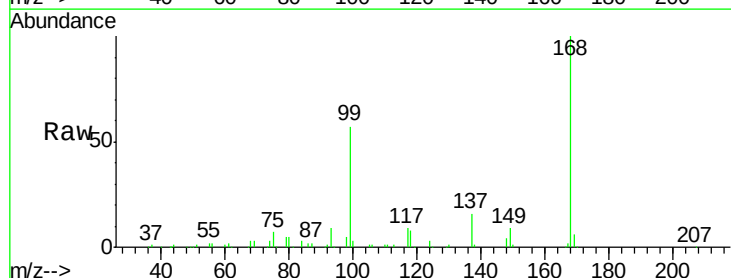
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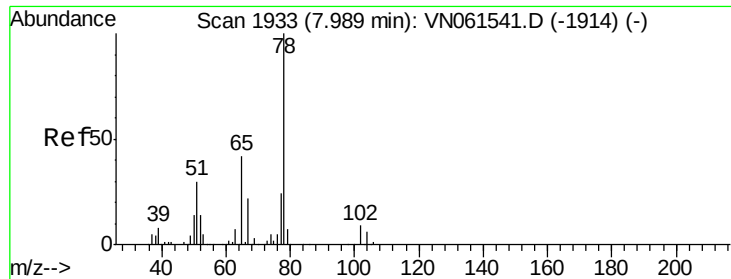
Tgt Ion: 96 Resp: 1004
 Ion Ratio Lower Upper
 96 100
 61 112.1 0.0 252.2
 98 29.6 0.0 129.2



#31
 Cyclohexane
 Concen: 1.15 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. 0.02 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

Tgt Ion: 56 Resp: 5739
 Ion Ratio Lower Upper
 56 100
 69 141.5 27.8 41.8#
 84 119.9 79.9 119.9

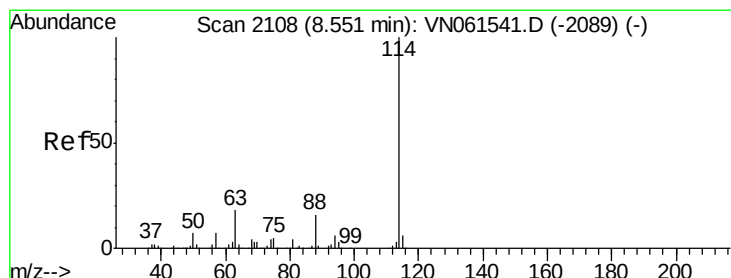
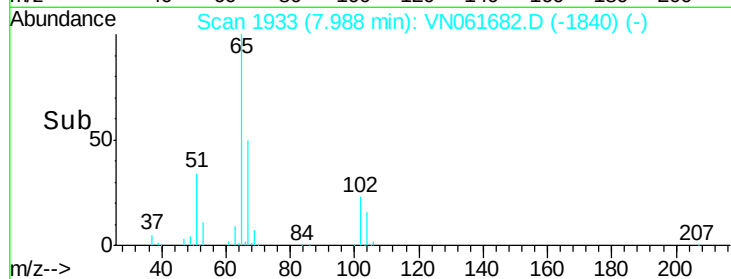
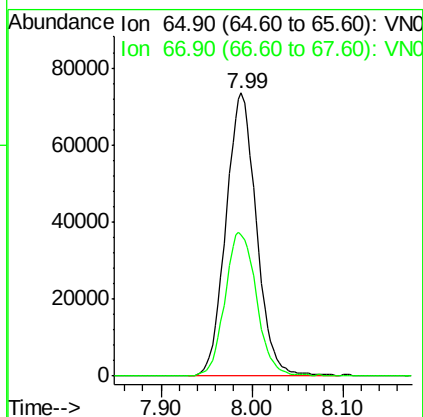
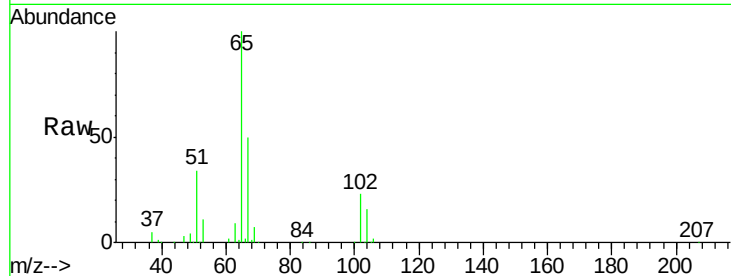




#33
 1,2-Dichloroethane-d4
 Concen: 48.33 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

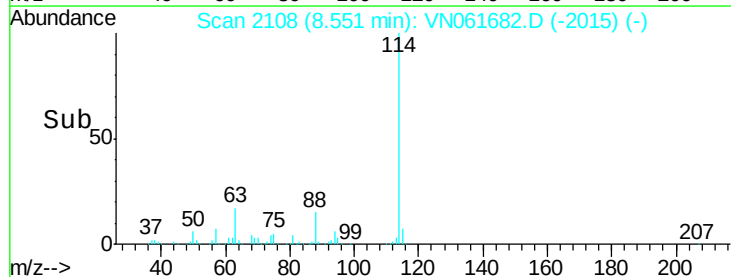
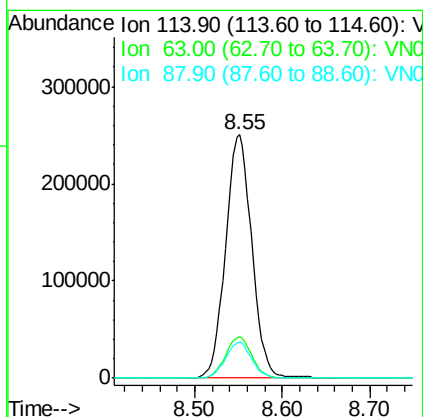
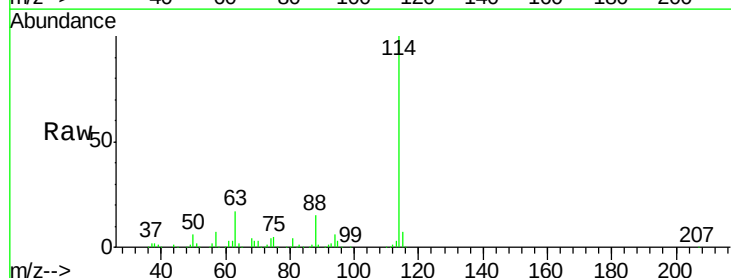
Instrument :
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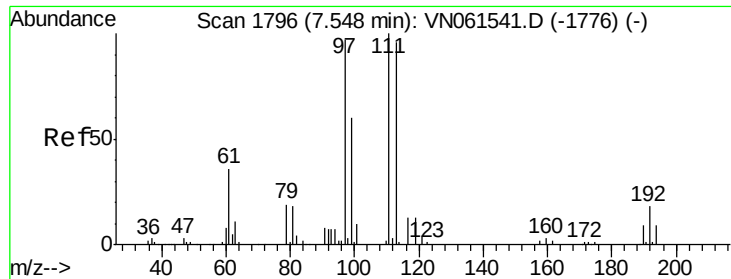
Tgt Ion: 65 Resp: 171585
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

Tgt Ion: 114 Resp: 521007
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.8
 88 14.8 0.0 31.0

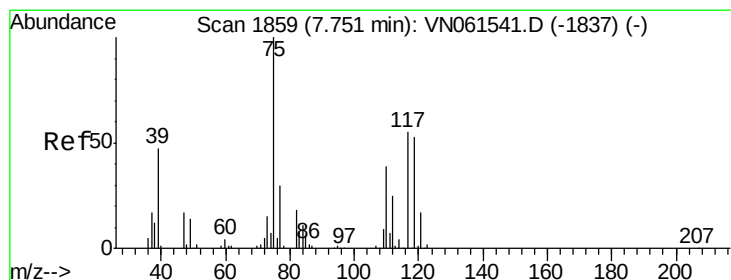
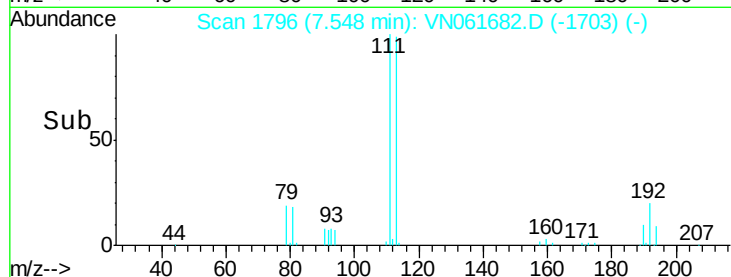
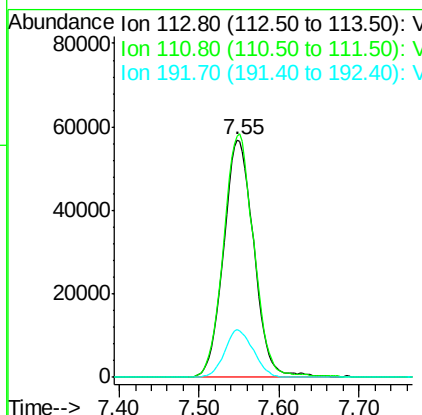
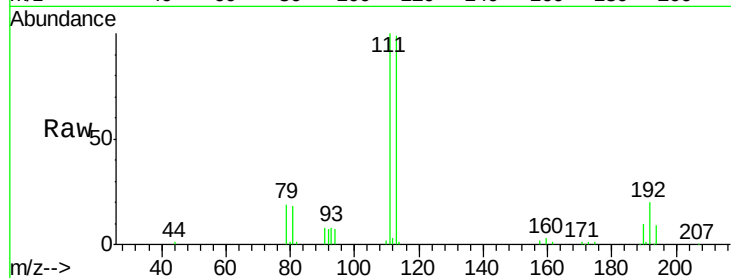




#35
 Dibromofluoromethane
 Concen: 55.54 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

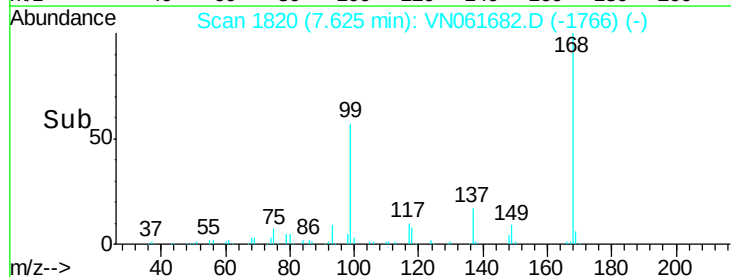
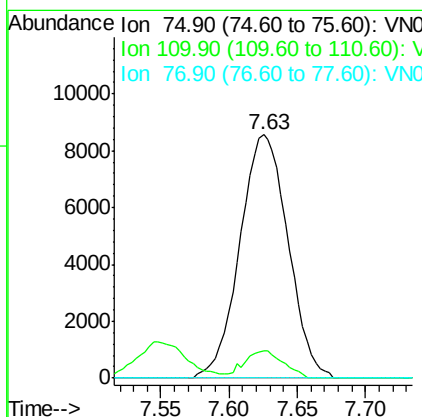
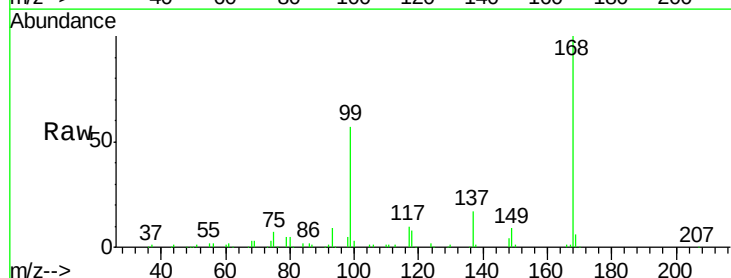
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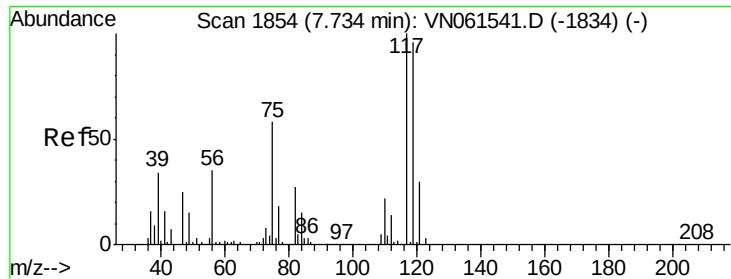
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.0
192	19.1	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061682.D
 Acq: 5 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.52 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

LF012MW008-200604

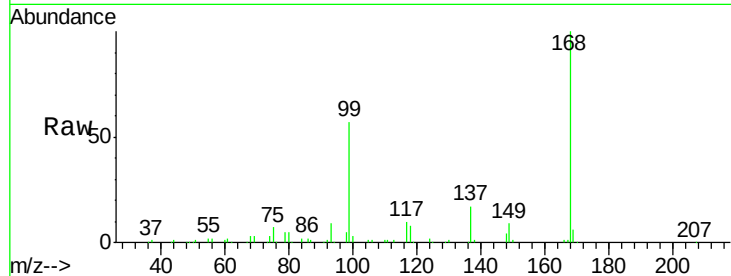
Tgt Ion:117 Resp: 29022

Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

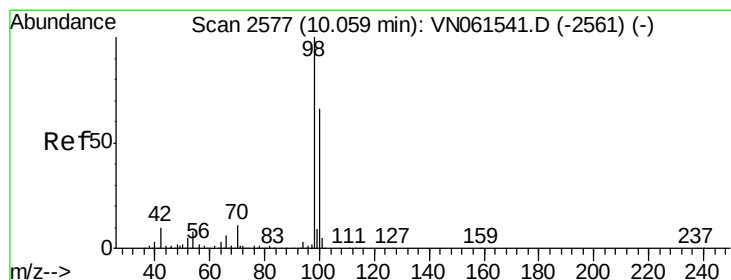
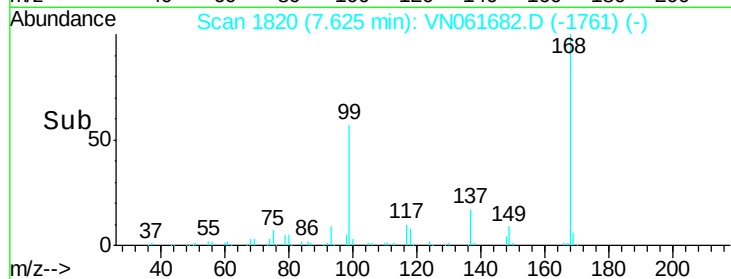
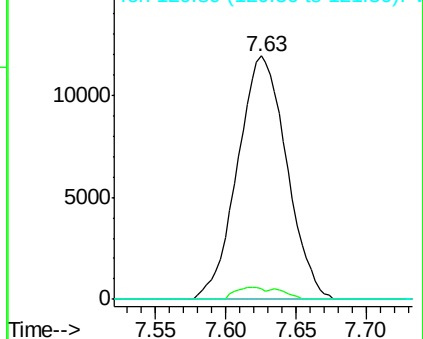
121 0.0 24.1 36.1#



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: 50.14 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061682.D

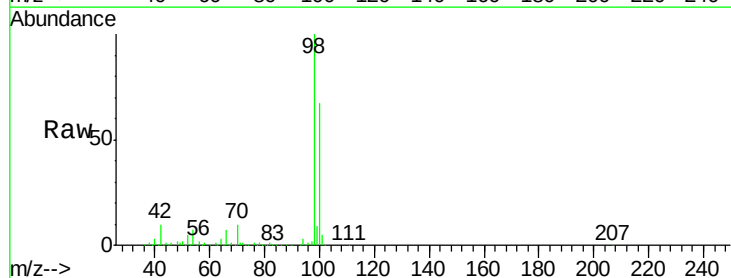
Acq: 5 Jun 2020 20:12

Tgt Ion: 98 Resp: 614070

Ion Ratio Lower Upper

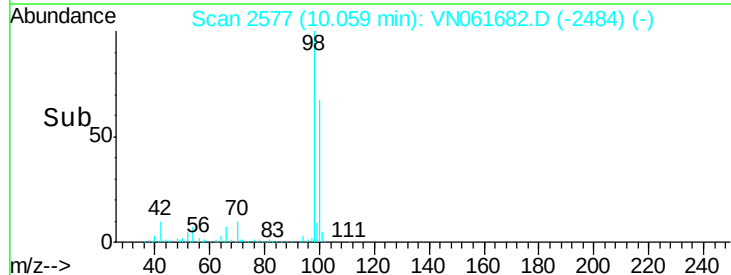
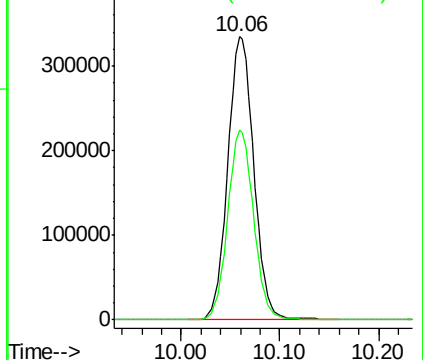
98 100

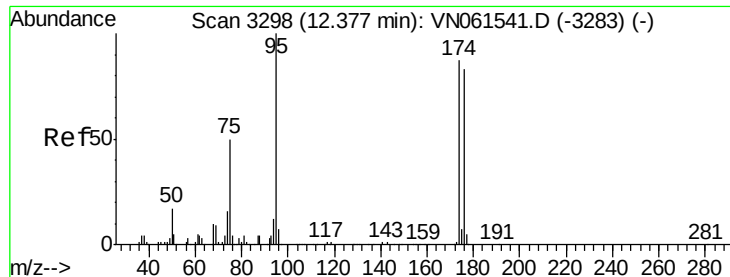
100 66.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.71 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

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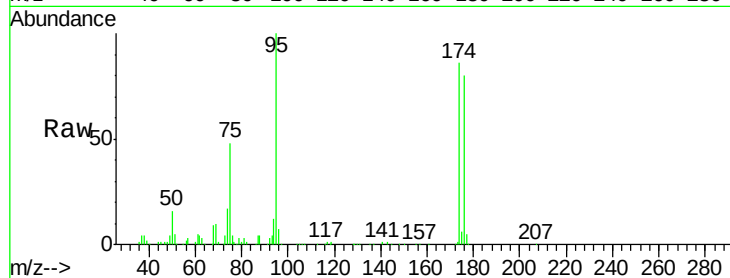
Tgt Ion: 95 Resp: 226599

Ion Ratio Lower Upper

95 100

174 83.9 0.0 172.8

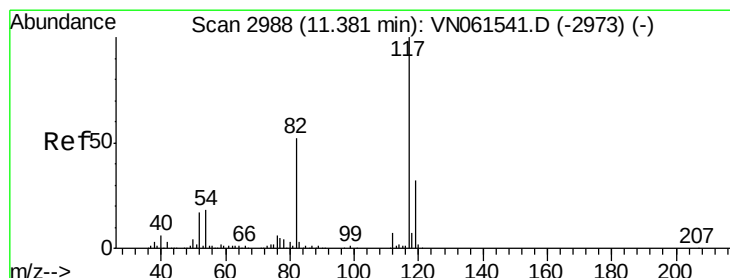
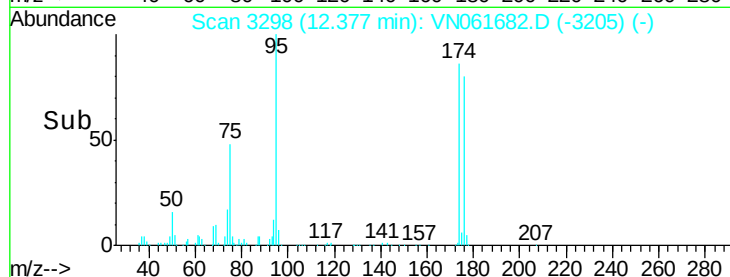
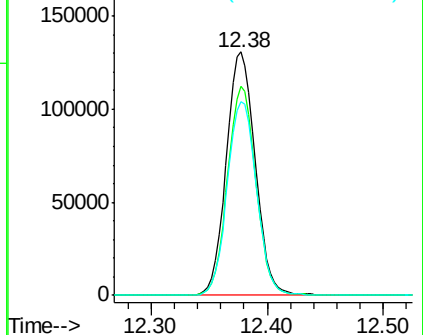
176 80.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

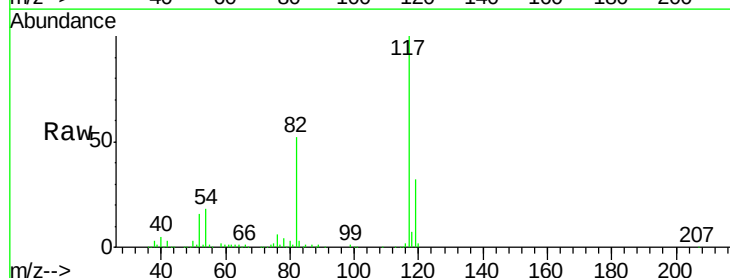
Tgt Ion: 117 Resp: 504707

Ion Ratio Lower Upper

117 100

82 52.2 41.5 62.3

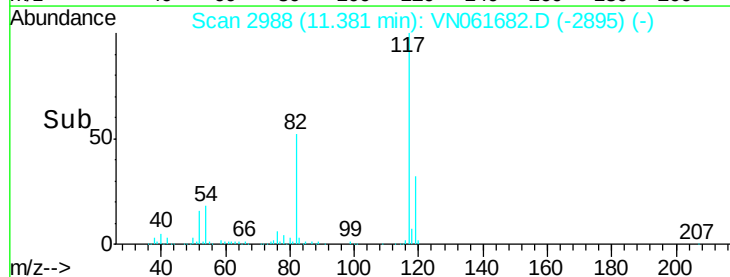
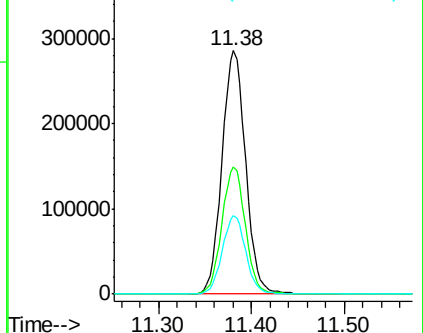
119 32.1 25.6 38.4

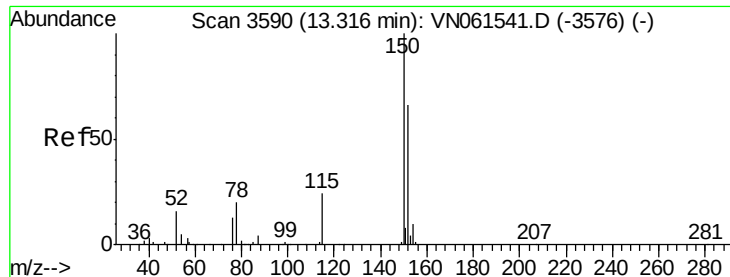


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

LF012MW008-200604

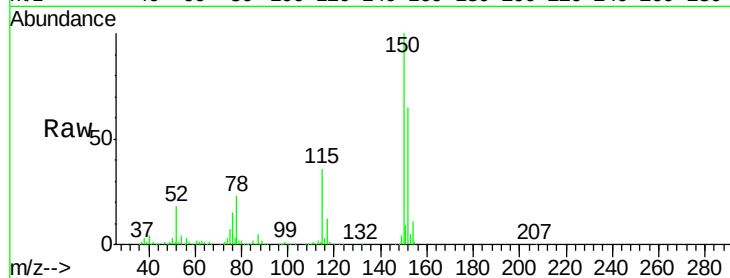
Tgt Ion:152 Resp: 232027

Ion Ratio Lower Upper

152 100

115 57.2 28.0 84.0

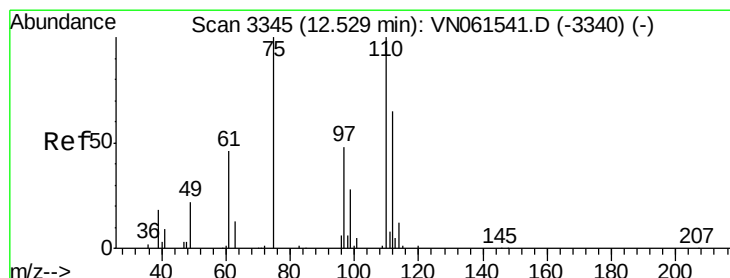
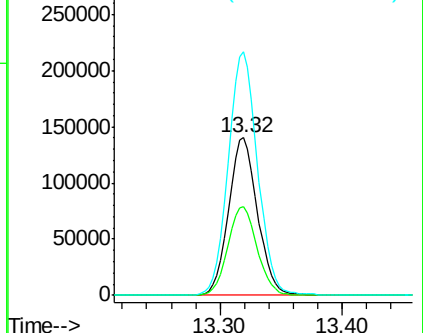
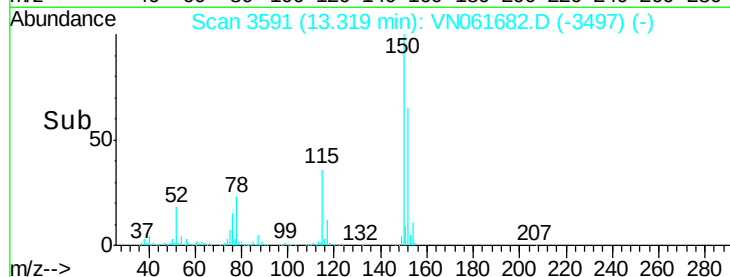
150 156.6 0.0 344.0



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: 25.92 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061682.D

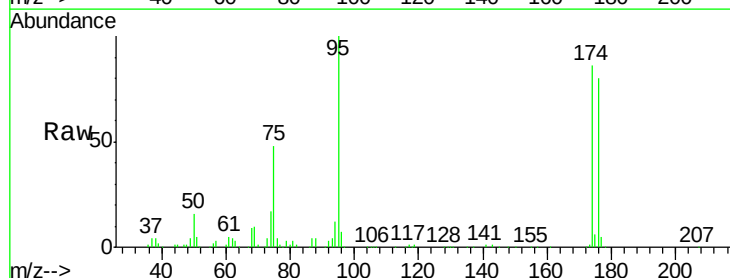
Acq: 5 Jun 2020 20:12

Tgt Ion: 75 Resp: 109364

Ion Ratio Lower Upper

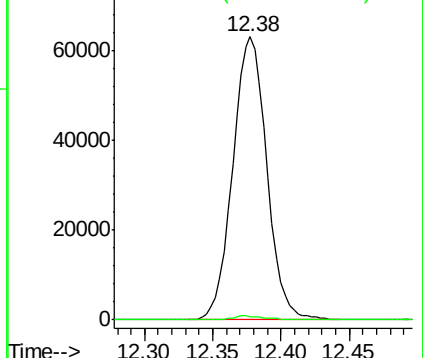
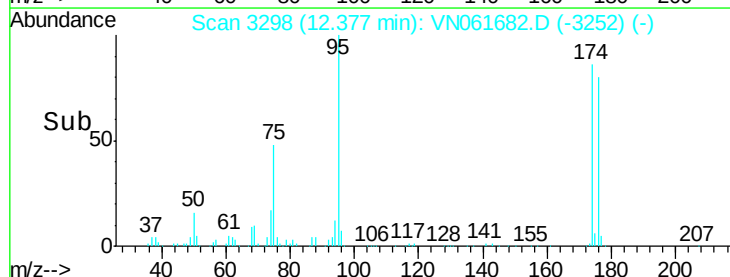
75 100

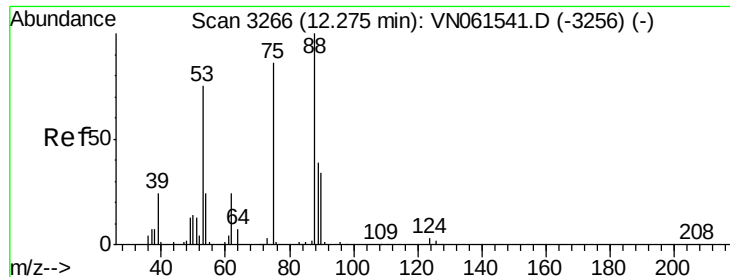
77 1.2 0.0 0.0#



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: 66.29 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

LF012MW008-200604

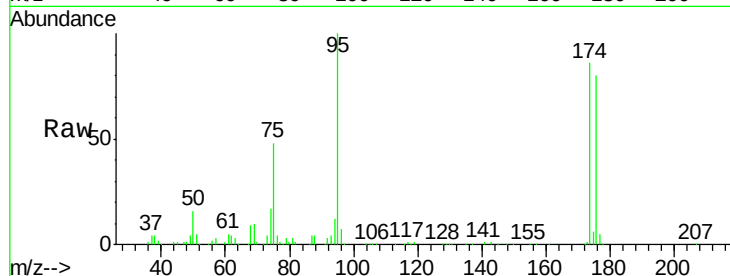
Tgt Ion: 75 Resp: 109364

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

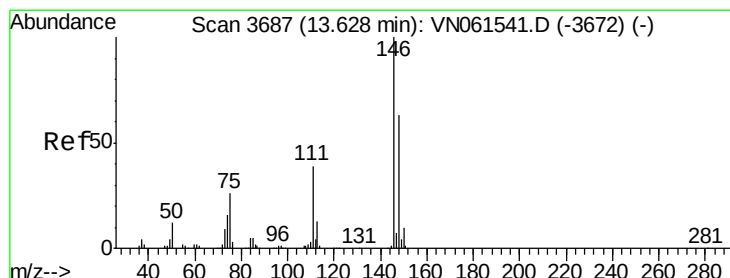
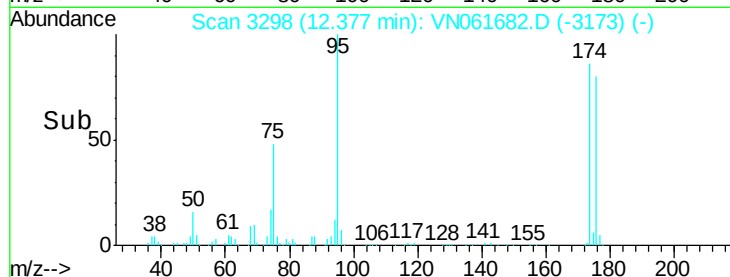
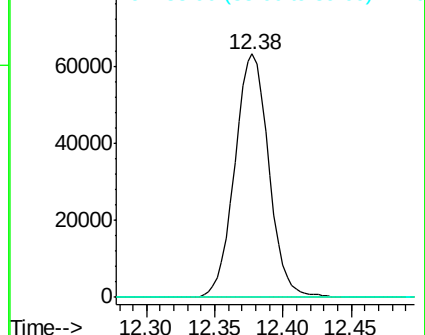
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN061682.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061682.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061682.D (-3173) (-)



#91

1,2-Dichlorobenzene

Concen: 0.41 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061682.D

Acq: 5 Jun 2020 20:12

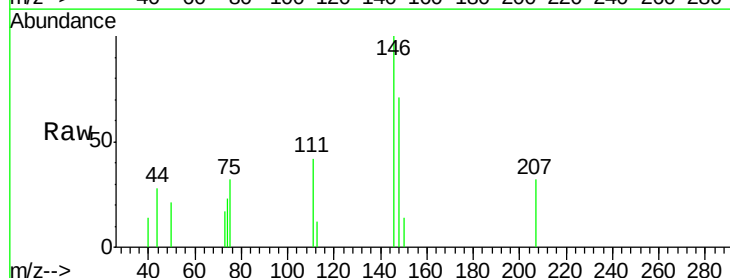
Tgt Ion: 146 Resp: 3022

Ion Ratio Lower Upper

146 100

111 43.5 20.1 60.2

148 70.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): VN061682.D (-3594) (-)

Ion 110.90 (110.60 to 111.60): VN061682.D (-3594) (-)

Ion 147.90 (147.60 to 148.60): VN061682.D (-3594) (-)

