

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061598.D
 Acq On : 1 Jun 2020 16:33
 Operator : JC/MD
 Sample : L2800-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS032MW061-200527

Quant Time: Jun 02 03:55:29 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	263708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	464198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207617	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	163949	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
35) Dibromofluoromethane	7.55	113	137448	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	
50) Toluene-d8	10.06	98	568685	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.37	95	208361	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	

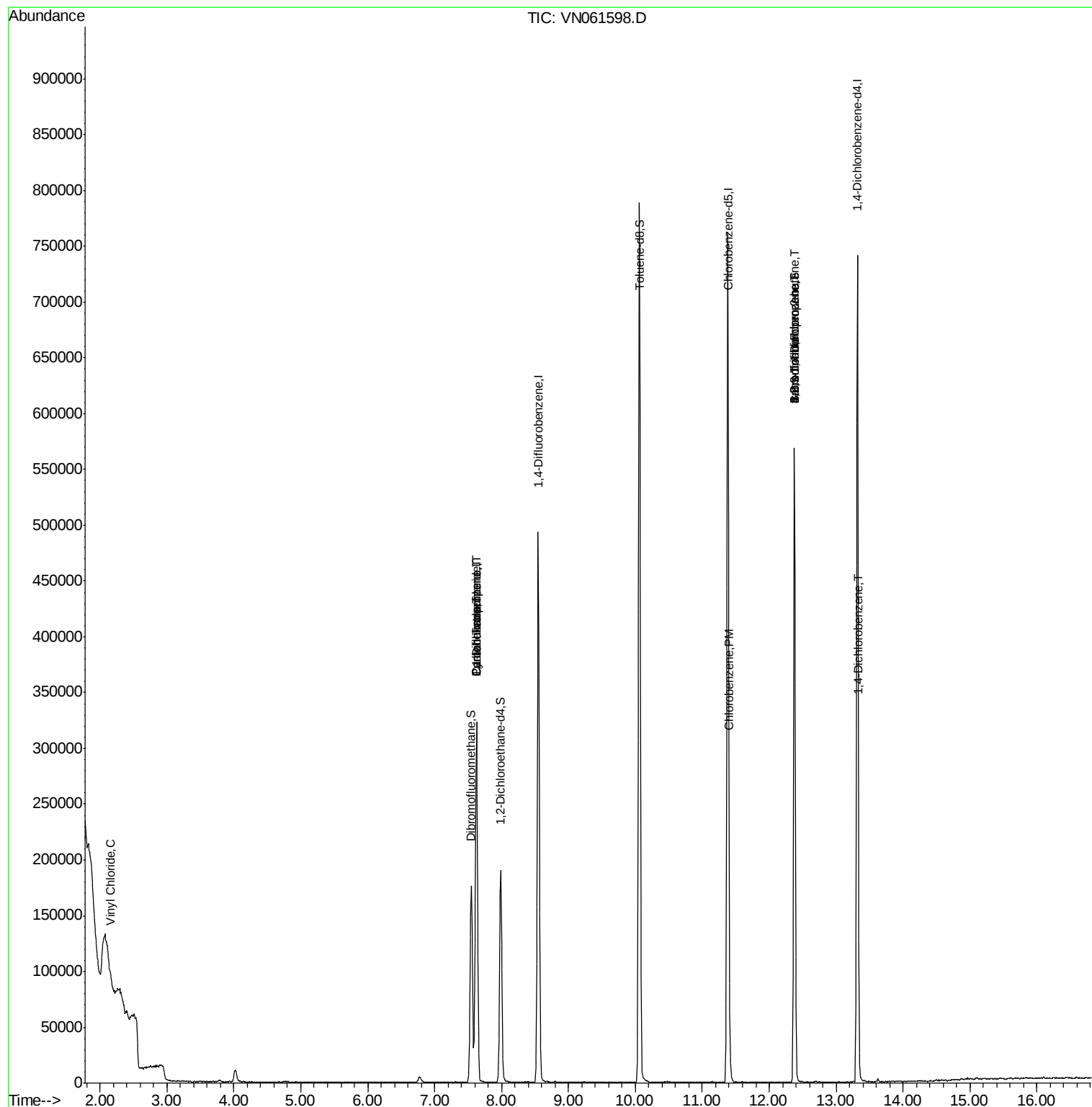
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	1627	0.369	ug/l	99
16) Acetone	3.77	43	1388	Below Cal	#	86
31) Cyclohexane	7.63	56	5024	1.135	ug/l #	11
36) 1,1-Dichloropropene	7.62	75	20026	4.821	ug/l #	48
38) Carbon Tetrachloride	7.62	117	27111	6.766	ug/l #	15
65) Chlorobenzene	11.41	112	15958	1.654	ug/l	98
71) Bromoform	12.38	173	1524	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	104350	27.640	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	104350	70.684	ug/l #	15
88) 1,4-Dichlorobenzene	13.34	146	1402	0.201	ug/l #	1

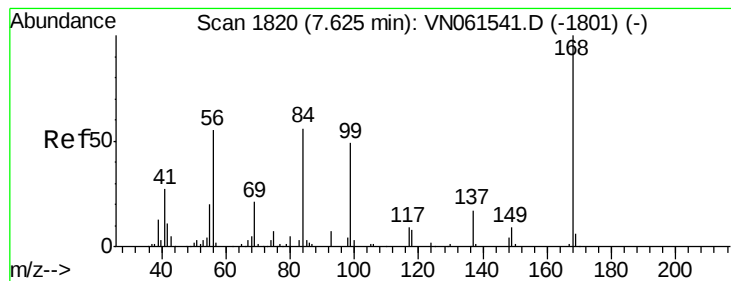
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

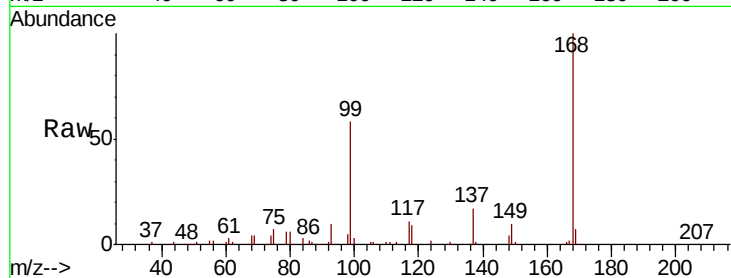
SS032MW061-200527

Tot Ion:168 Resp: 263708

Ion Ratio Lower Upper

168 100

99 58.3 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

120000

100000

80000

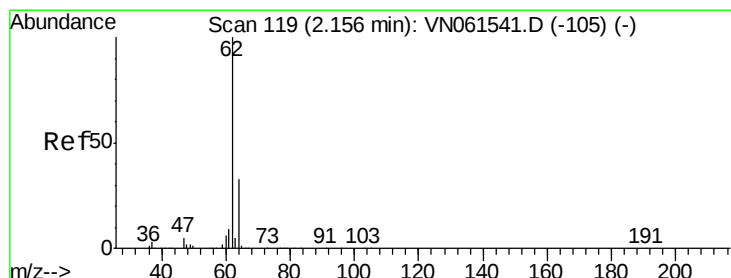
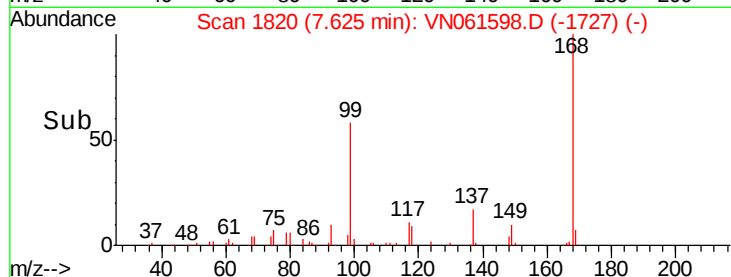
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 0.369 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061598.D

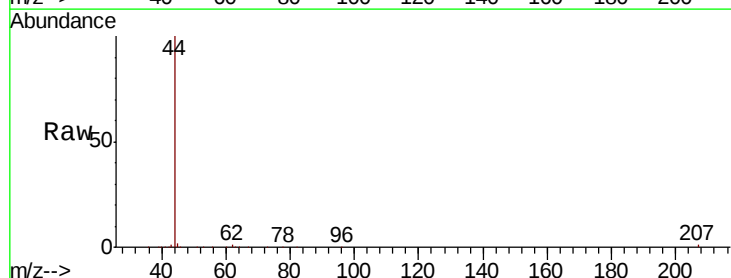
Acq: 1 Jun 2020 16:33

Tgt Ion: 62 Resp: 1627

Ion Ratio Lower Upper

62 100

64 33.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

1200

1000

800

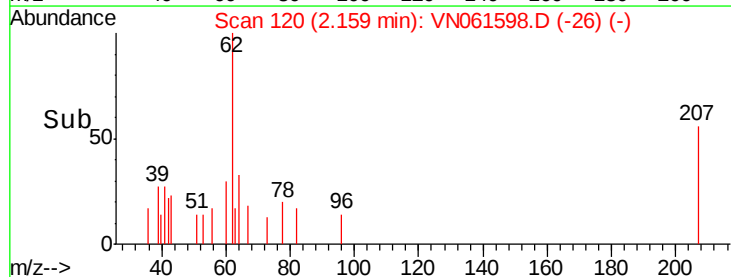
600

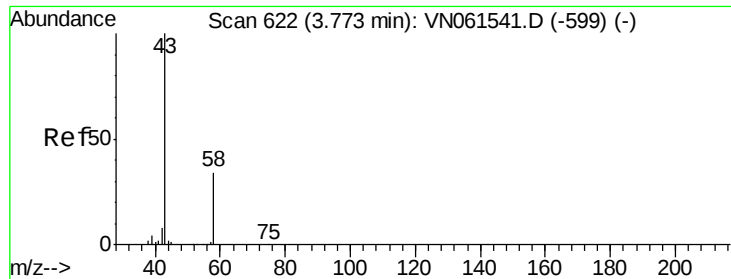
400

200

0

Time--> 2.12 2.14 2.16 2.18 2.20





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

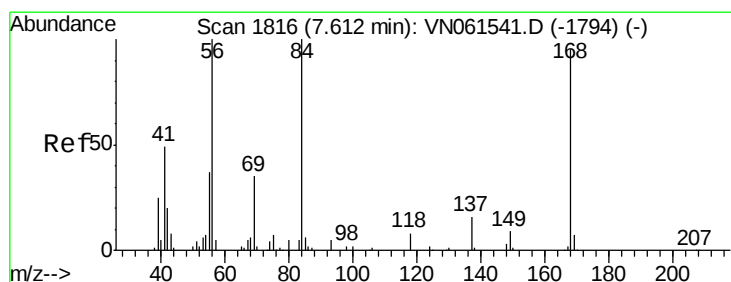
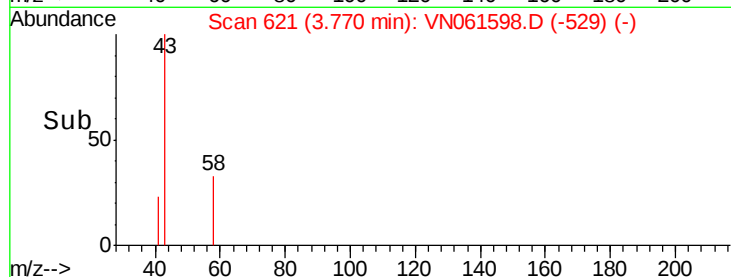
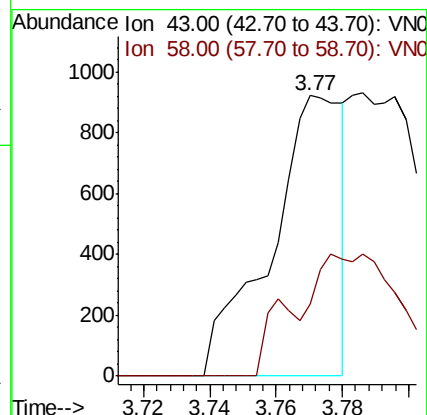
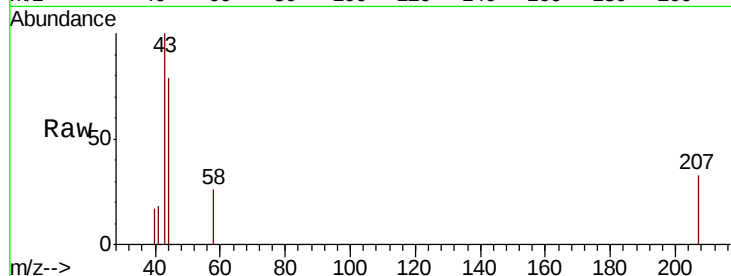
SS032MW061-200527

Tot Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 26.0 27.2 40.8#



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

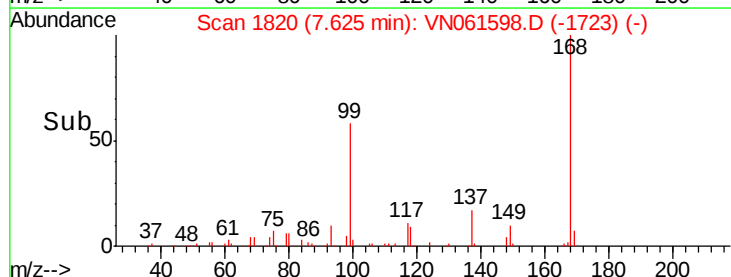
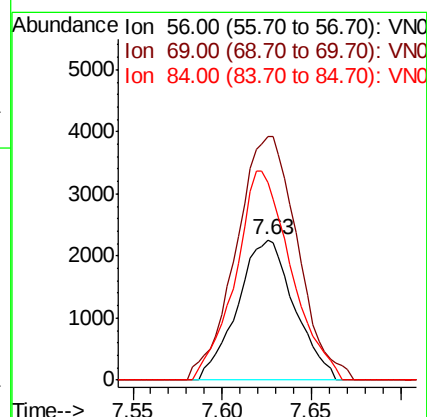
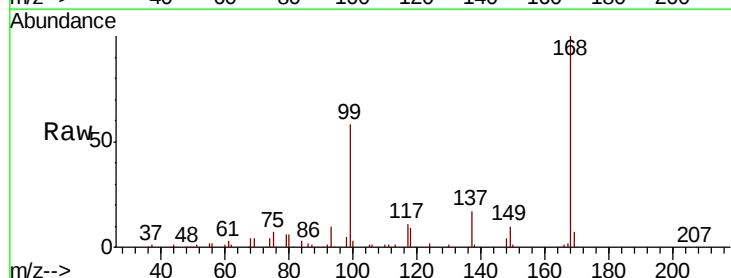
Tgt Ion: 56 Resp: 5024

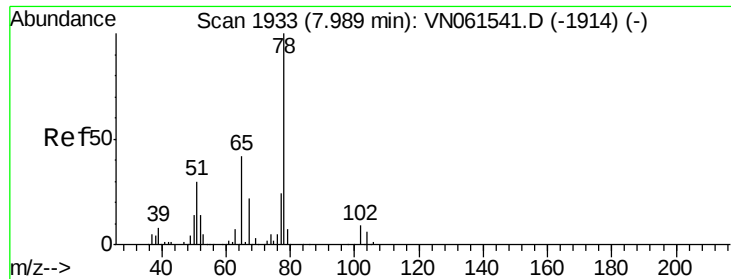
Ion Ratio Lower Upper

56 100

69 164.7 27.8 41.8#

84 141.2 79.9 119.9#





#33

1,2-Dichloroethane-d4

Concen: 52.181 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

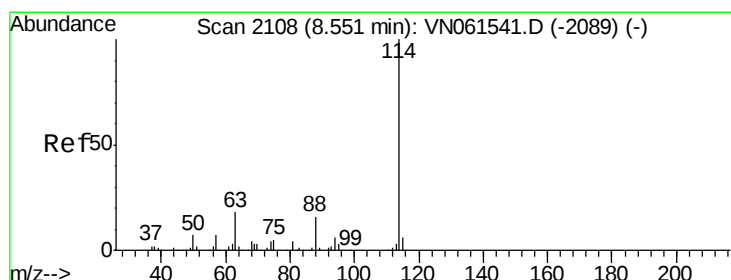
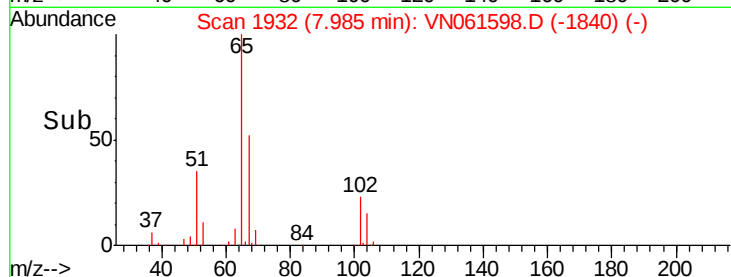
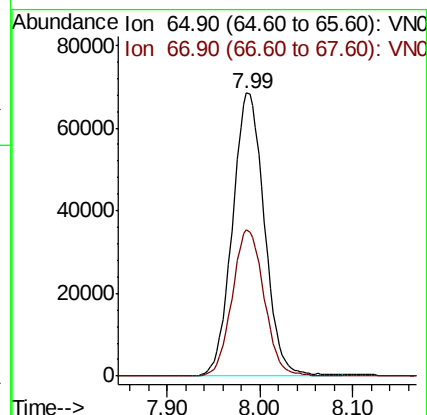
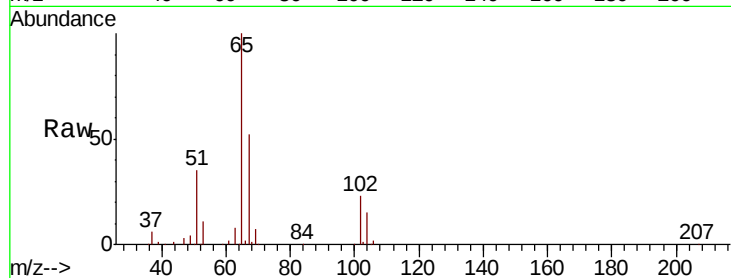
SS032MW061-200527

Tot Ion: 65 Resp: 163949

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

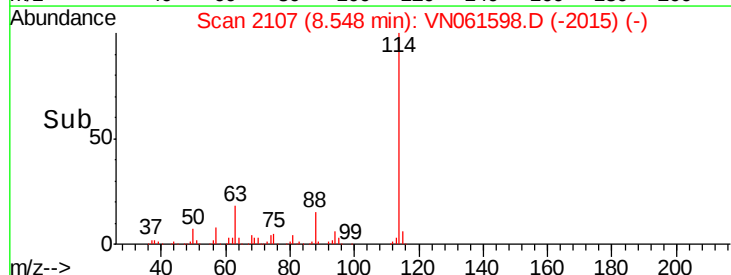
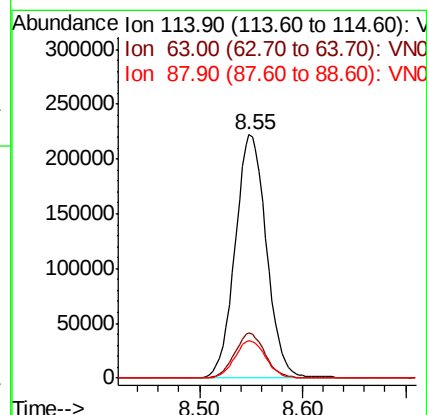
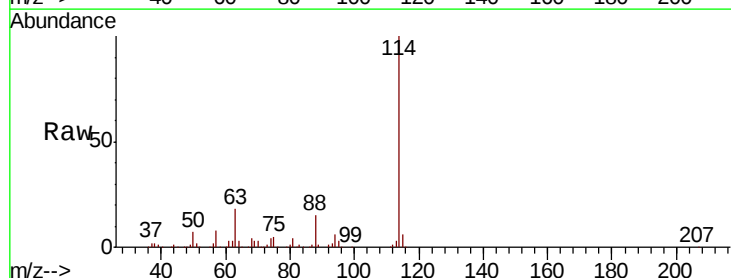
Tgt Ion: 114 Resp: 469267

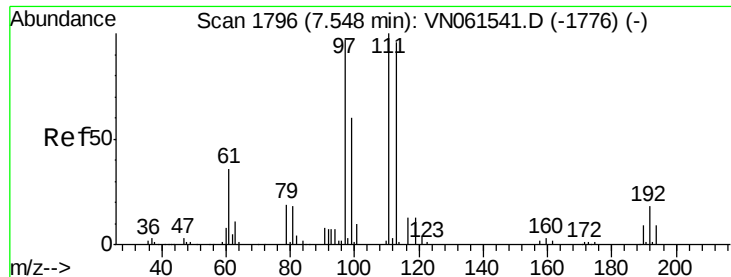
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 15.3 0.0 31.0

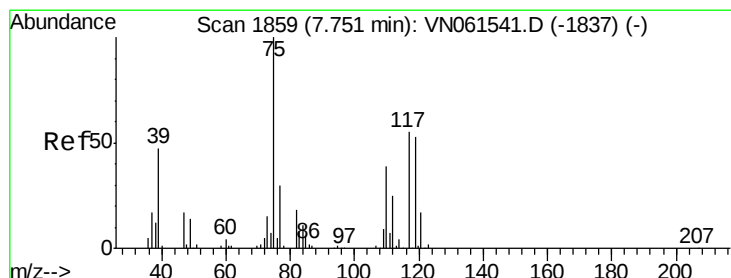
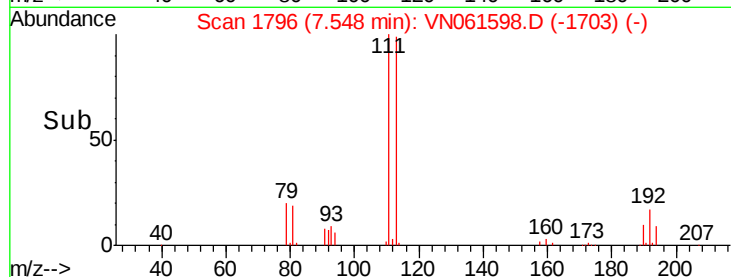
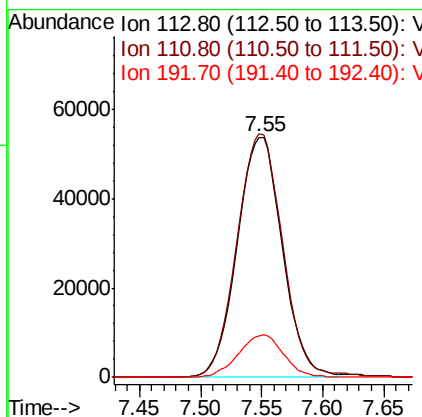
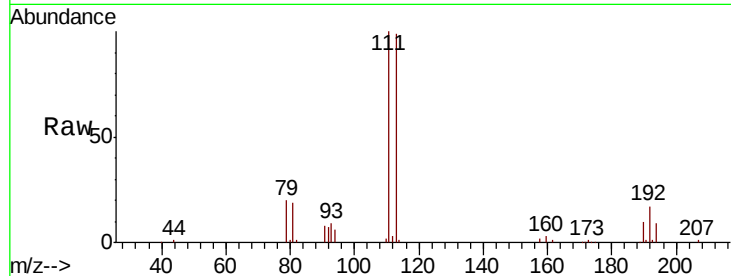




#35
 Dibromofluoromethane
 Concen: 57.739 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061598.D
 Acq: 1 Jun 2020 16:33

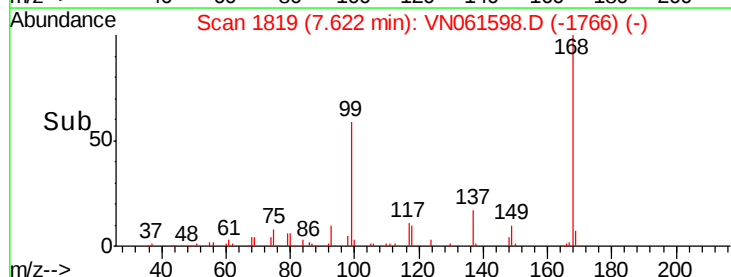
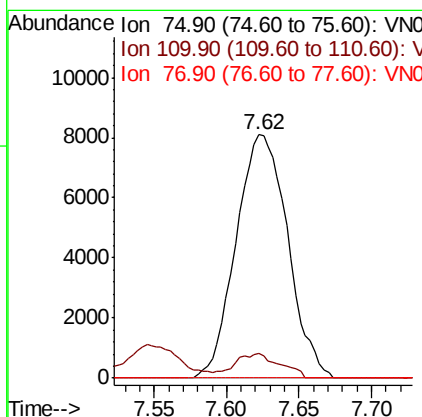
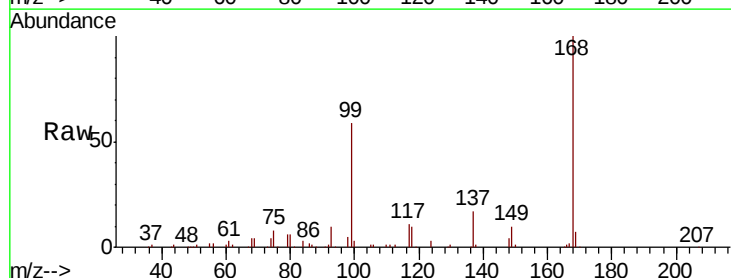
Instrument :
 MSVOA_N
 ClientSampleId :
 SS032MW061-200527

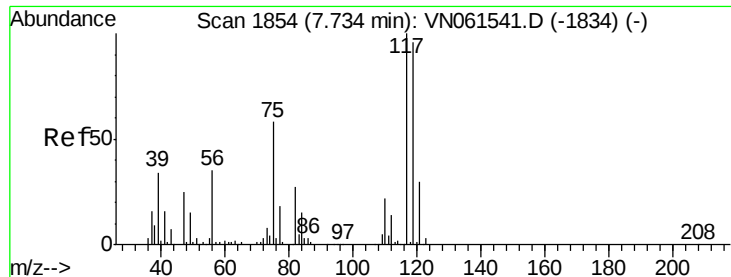
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	17.7	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061598.D
 Acq: 1 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.5	58.5#
77	0.0	24.7	37.1#

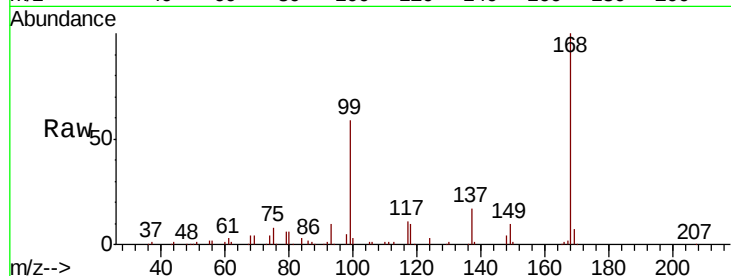




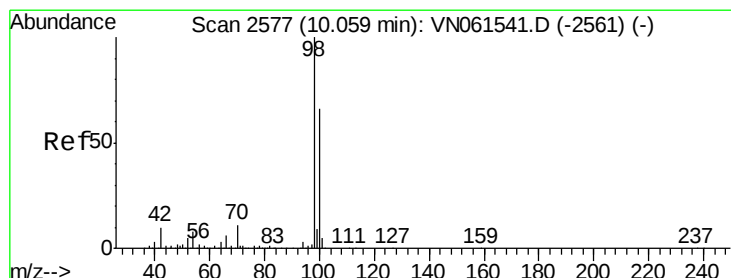
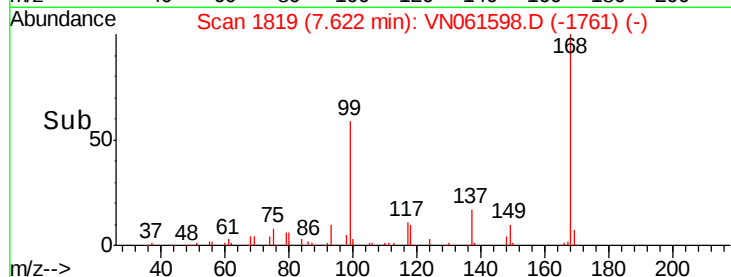
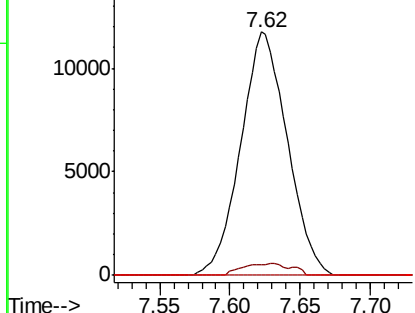
#38
Carbon Tetrachloride
Concen: 6.766 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN061598.D
Acq: 1 Jun 2020 16:33

Instrument :
MSVOA_N
ClientSampleId :
SS032MW061-200527

Tot Ion:117 Resp: 27111
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
121 0.0 24.1 36.1#

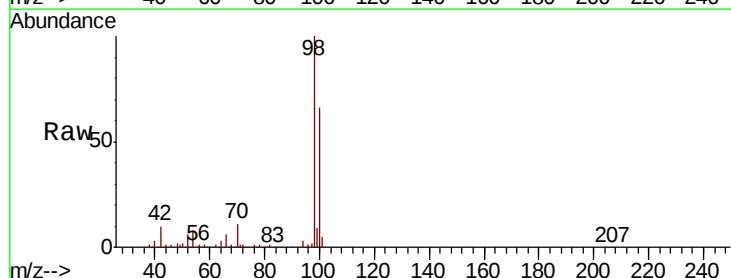


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

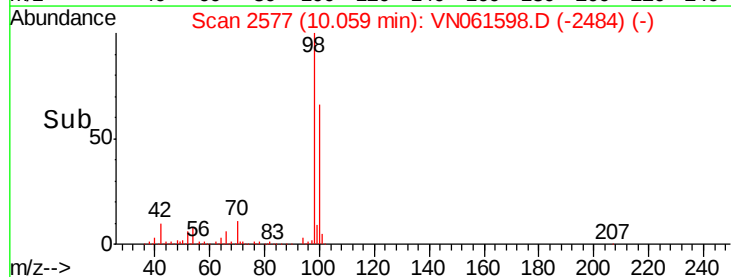
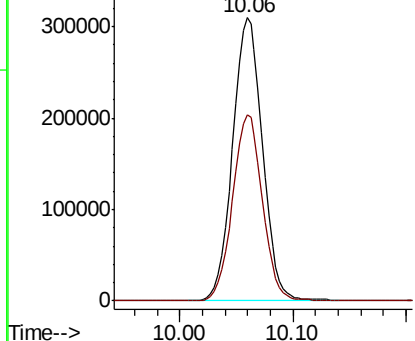


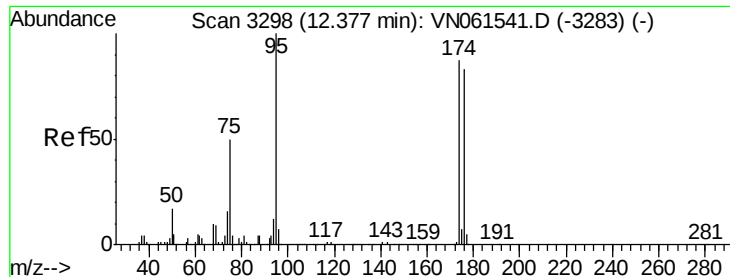
#50
Toluene-d8
Concen: 51.551 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061598.D
Acq: 1 Jun 2020 16:33

Tgt Ion: 98 Resp: 568685
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



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





#62

4-Bromofluorobenzene

Concen: 51.771 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

SS032MW061-200527

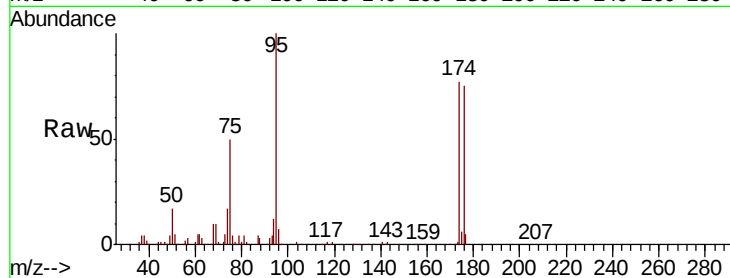
Tot Ion: 95 Resp: 208361

Ion Ratio Lower Upper

95 100

174 78.8 0.0 172.8

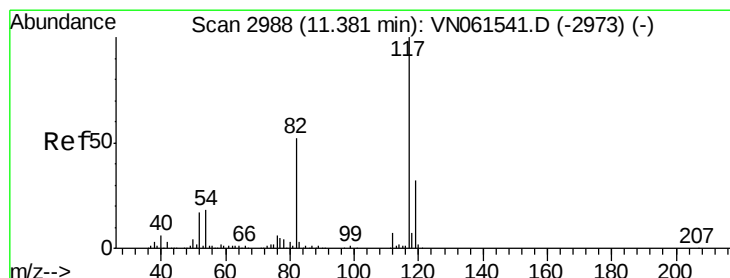
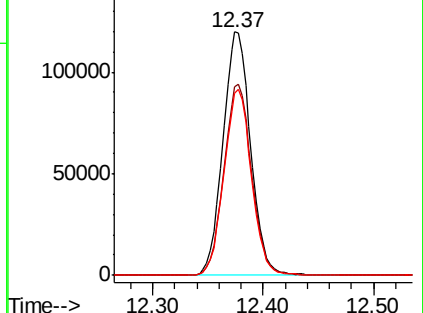
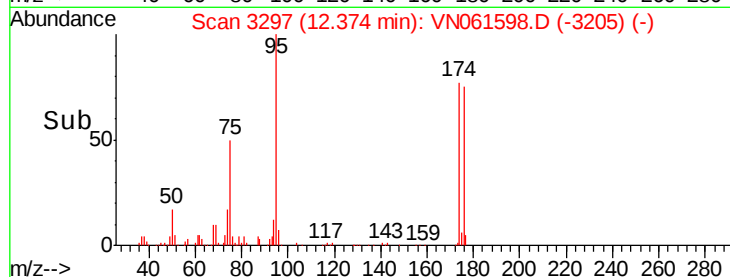
176 75.6 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061598.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061598.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061598.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

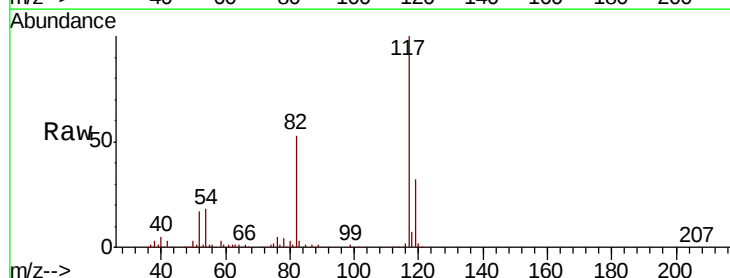
Tgt Ion: 117 Resp: 464198

Ion Ratio Lower Upper

117 100

82 52.6 41.5 62.3

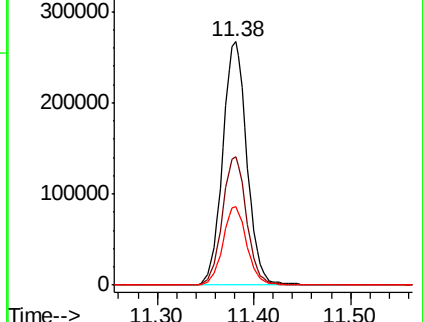
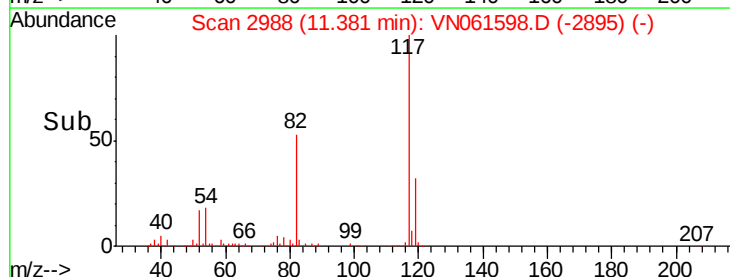
119 32.0 25.6 38.4

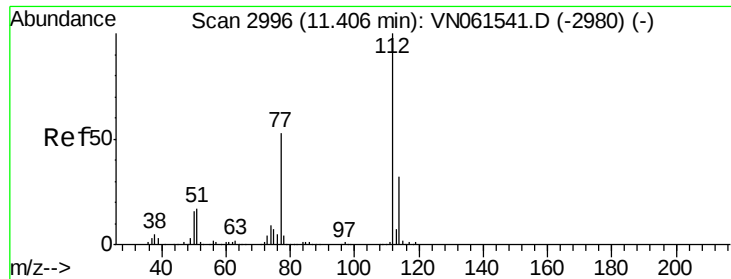


Abundance Ion 116.90 (116.60 to 117.60): VN061598.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061598.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061598.D (-2895) (-)





#65

Chlorobenzene

Concen: 1.654 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

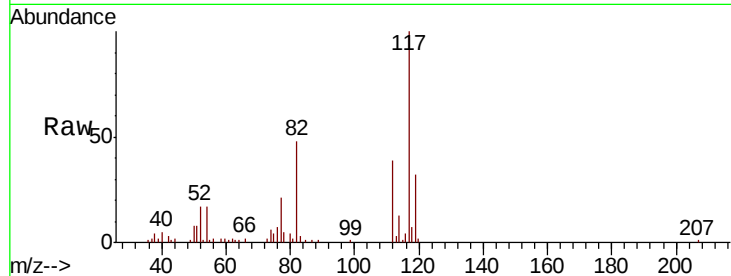
SS032MW061-200527

Tot Ion:112 Resp: 15958

Ion Ratio Lower Upper

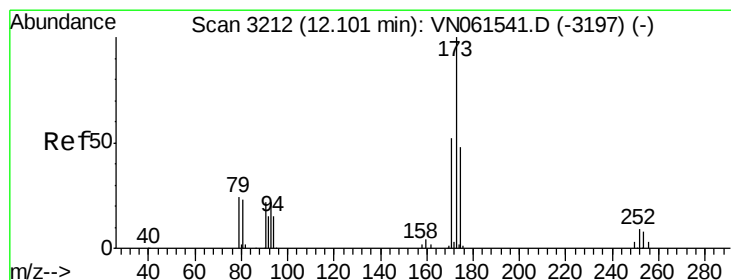
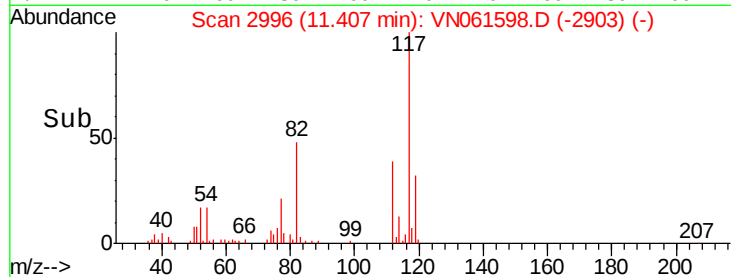
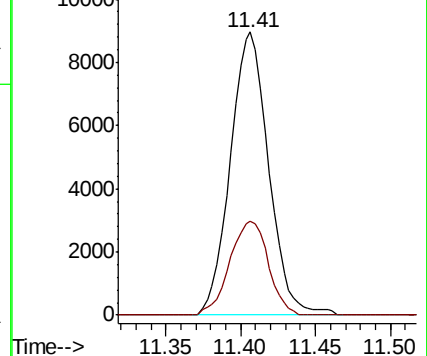
112 100

114 33.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.550 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

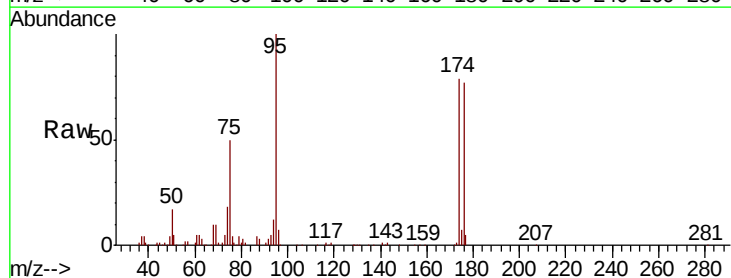
Tgt Ion:173 Resp: 1524

Ion Ratio Lower Upper

173 100

175 735.8 24.4 73.2#

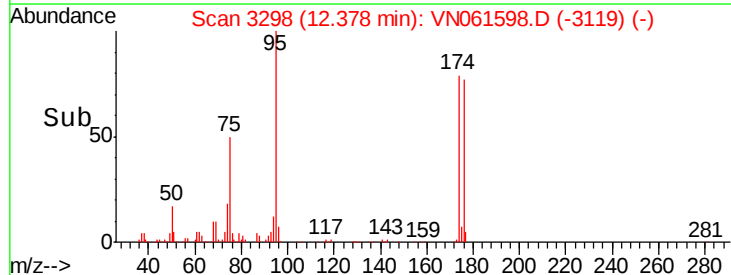
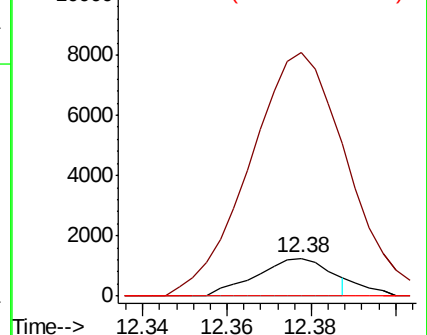
254 0.0 0.0 0.0

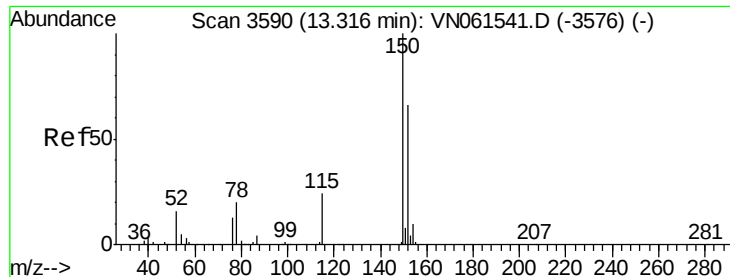


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061598.D

Acq: 1 Jun 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

SS032MW061-200527

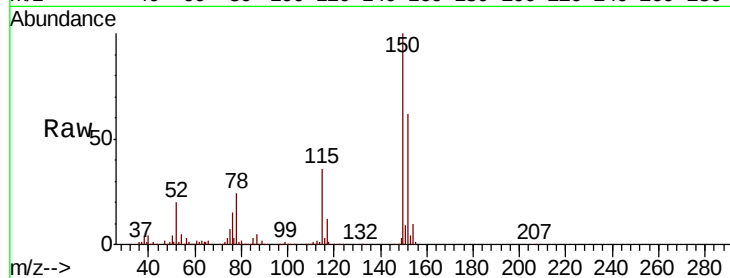
Tot Ion:152 Resp: 207617

Ion Ratio Lower Upper

152 100

115 58.5 28.0 84.0

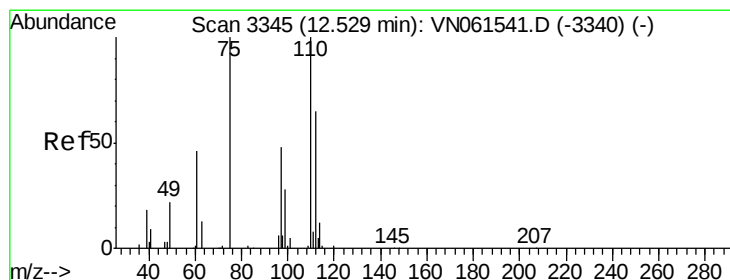
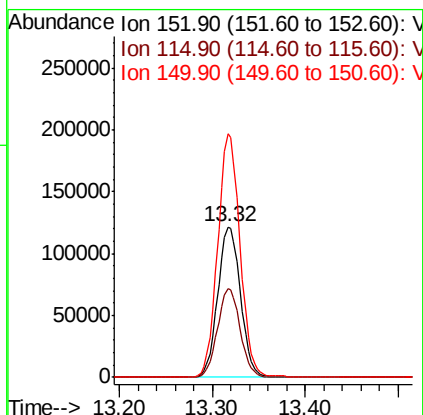
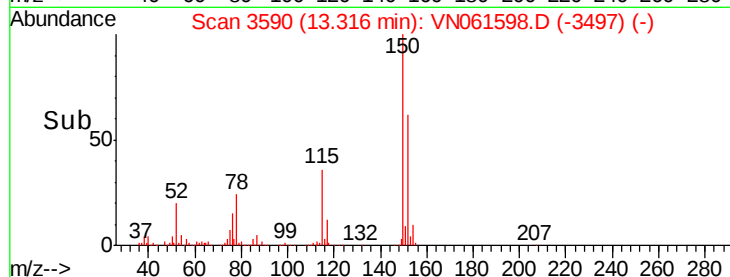
150 158.1 0.0 344.0



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: 27.640 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061598.D

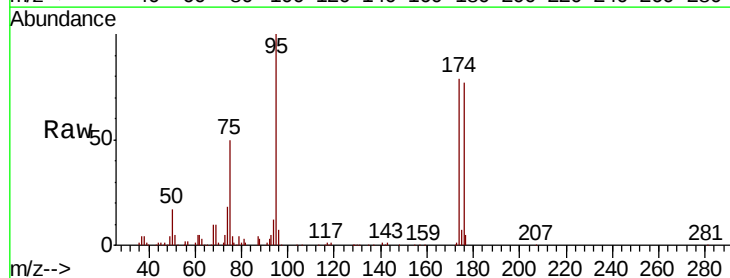
Acq: 1 Jun 2020 16:33

Tgt Ion: 75 Resp: 104350

Ion Ratio Lower Upper

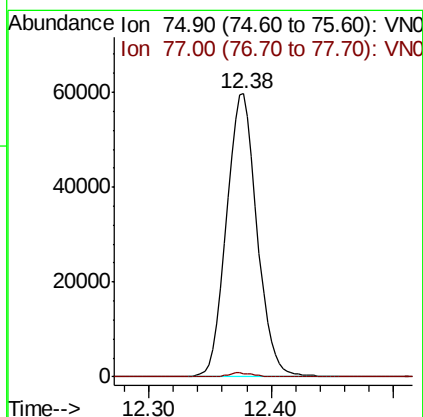
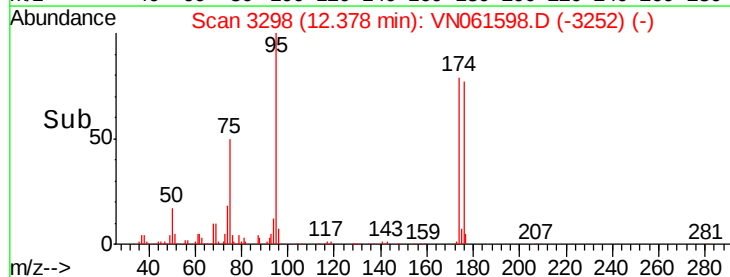
75 100

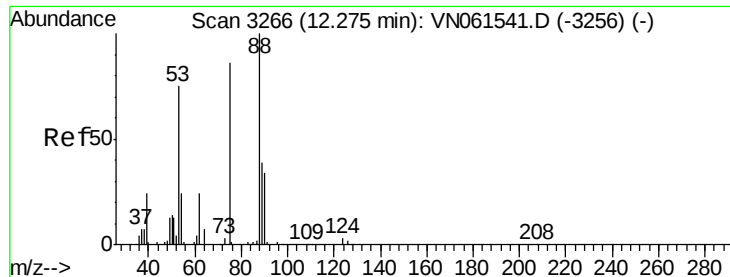
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

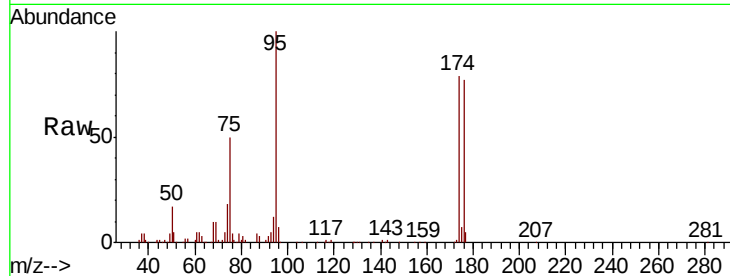




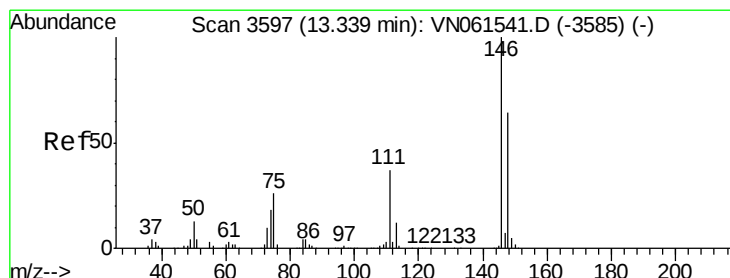
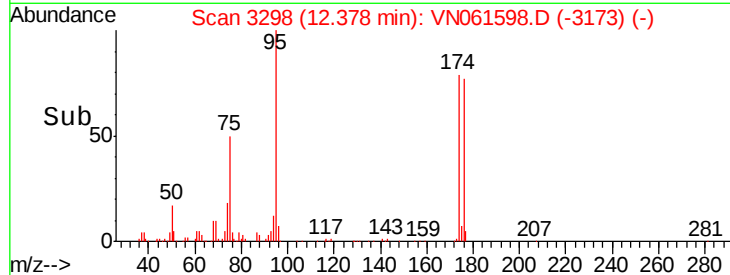
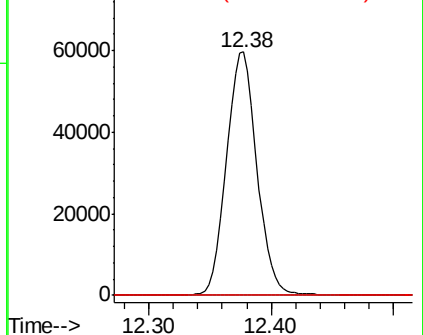
#81
trans-1,4-Dichloro-2-butene
Concen: 70.684 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061598.D
Acq: 1 Jun 2020 16:33

Instrument :
MSVOA_N
ClientSampleId :
SS032MW061-200527

Tot Ion: 75 Resp: 104350
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.8#
89 0.0 37.1 55.7#

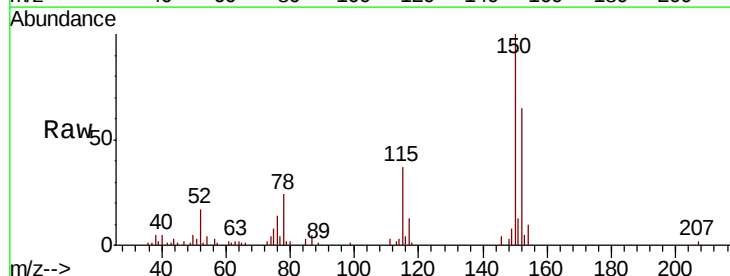


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#88
1,4-Dichlorobenzene
Concen: 0.201 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN061598.D
Acq: 1 Jun 2020 16:33

Tgt Ion: 146 Resp: 1402
Ion Ratio Lower Upper
146 100
111 248.9 18.9 56.9#
148 127.3 31.8 95.3#



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

