

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061600.D
 Acq On : 1 Jun 2020 17:19
 Operator : JC/MD
 Sample : L2800-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST010MW005-200527

Quant Time: Jun 02 03:55:53 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

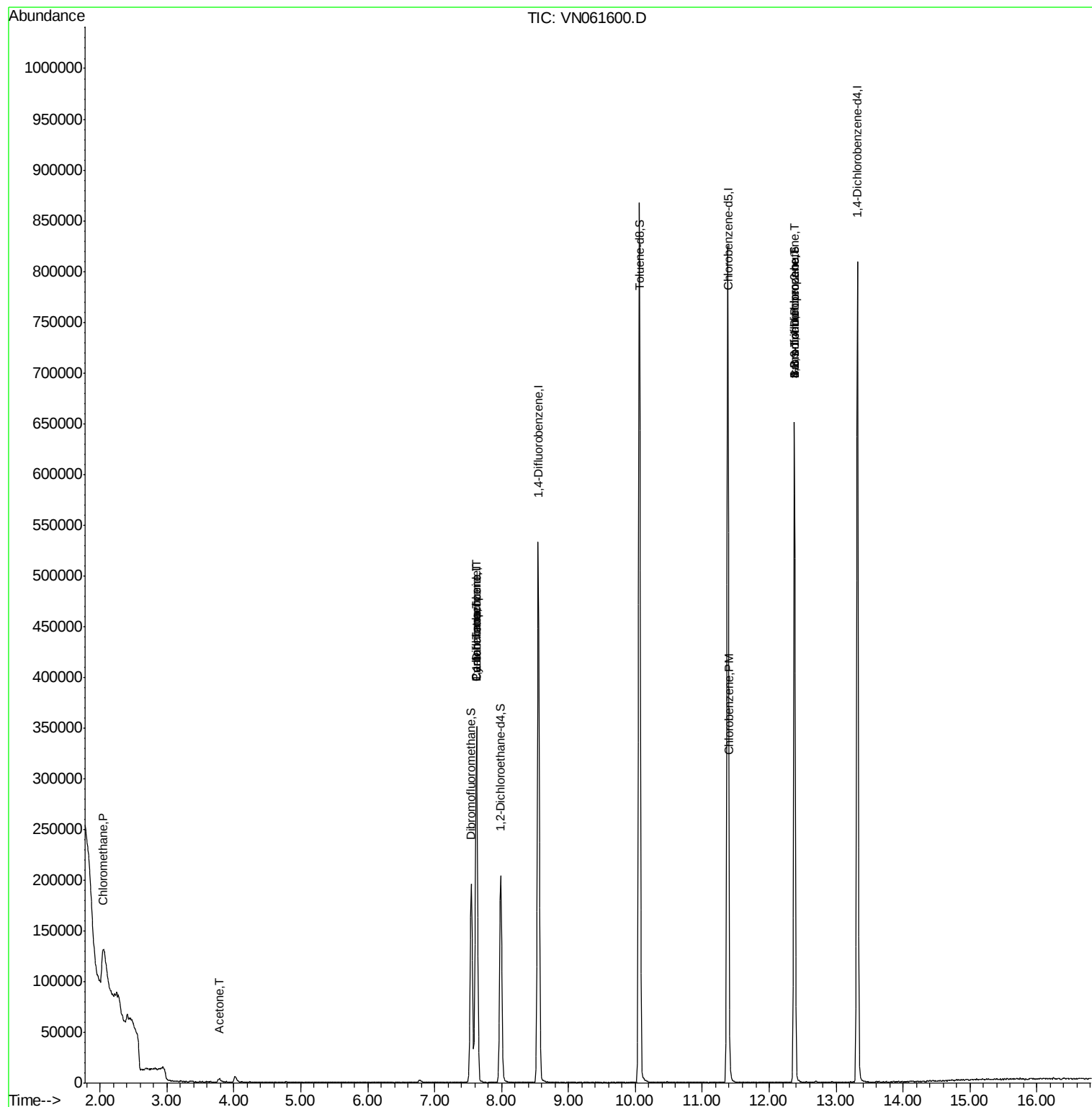
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	287794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	508505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176649	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.55	113	149342	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
50) Toluene-d8	10.06	98	622307	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.38	95	232026	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	786	0.224	ug/l	100
16) Acetone	3.78	43	6588	0.790	ug/l	98
31) Cyclohexane	7.62	56	5734	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	20922	4.648	ug/l #	44
38) Carbon Tetrachloride	7.63	117	29258	6.738	ug/l #	16
65) Chlorobenzene	11.41	112	3367	0.322	ug/l	98
71) Bromoform	12.38	173	1887	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	114587	27.807	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	114587	71.111	ug/l #	15

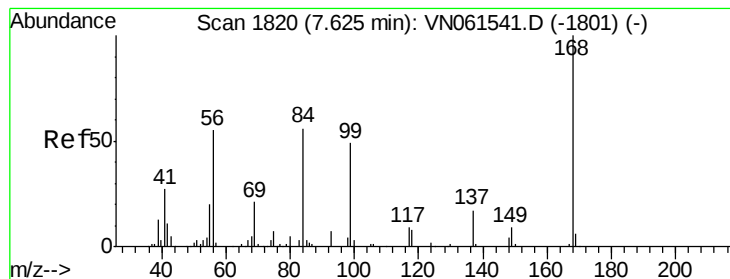
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060120\
Data File : VN061600.D
Acq On : 1 Jun 2020 17:19
Operator : JC/MD
Sample : L2800-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ST010MW005-200527

Quant Time: Jun 02 03:55:53 2020
Quant Method : Z:\V0ASRV\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: VN061600.D

Acq: 1 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

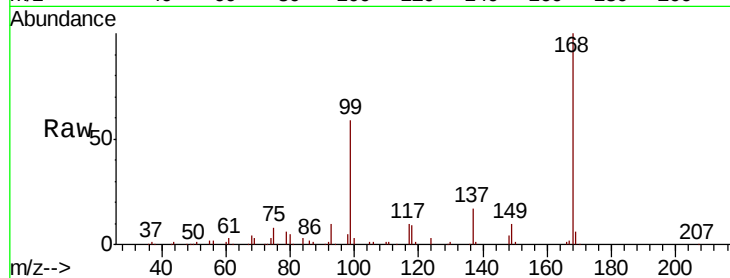
ST010MW005-200527

Tot Ion:168 Resp: 287794

Ion Ratio Lower Upper

168 100

99 59.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

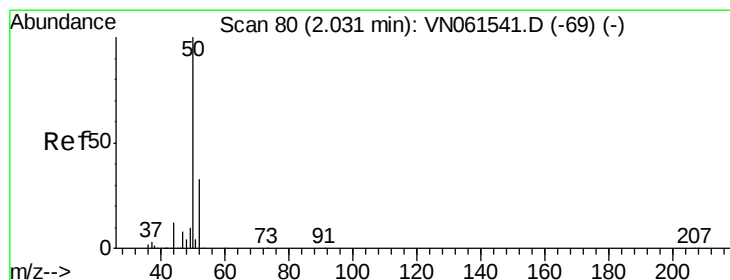
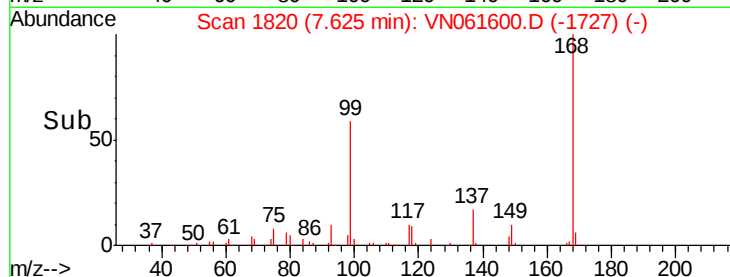
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.224 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061600.D

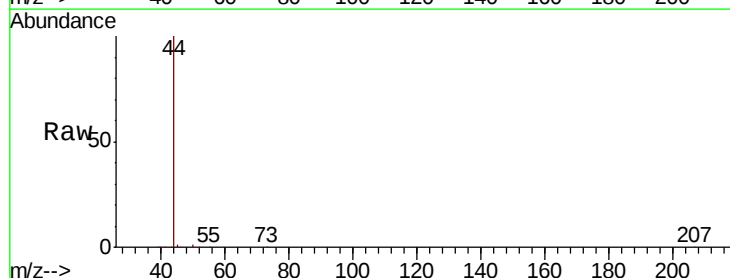
Acq: 1 Jun 2020 17:19

Tgt Ion: 50 Resp: 786

Ion Ratio Lower Upper

50 100

52 33.2 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

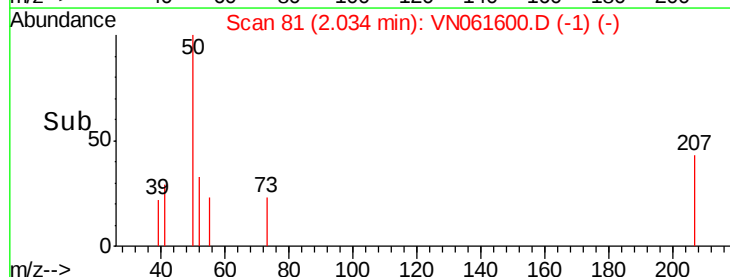
600

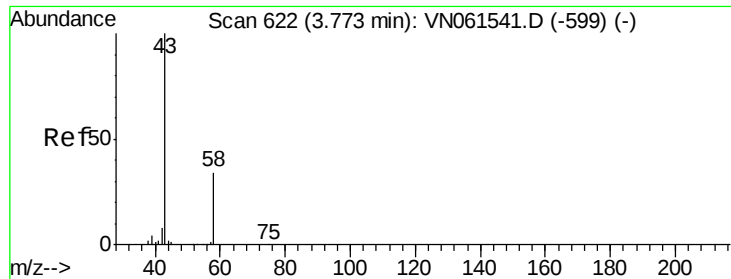
400

200

0

Time--> 2.00 2.02 2.04 2.06

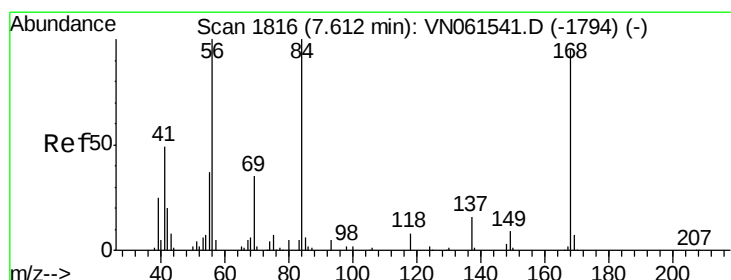
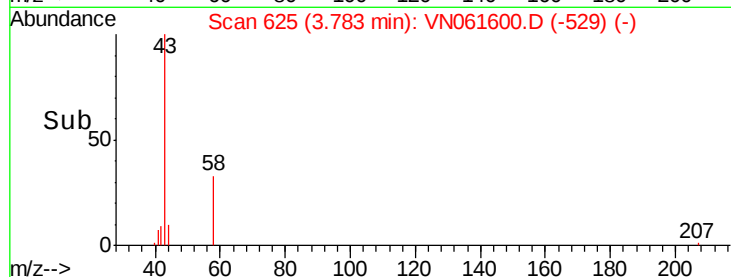
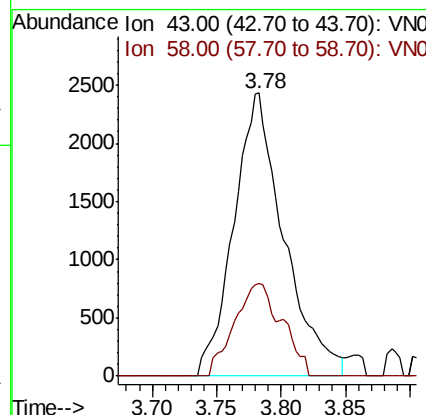
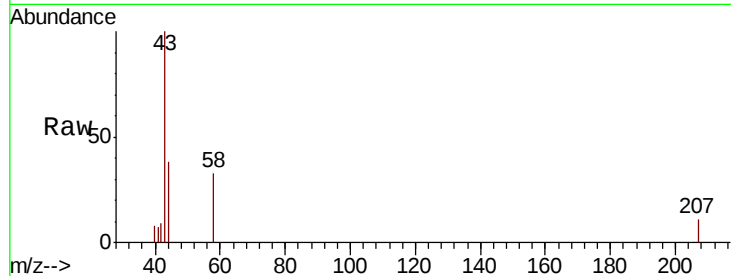




#16
Acetone
Concen: 0.790 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN061600.D
Acq: 1 Jun 2020 17:19

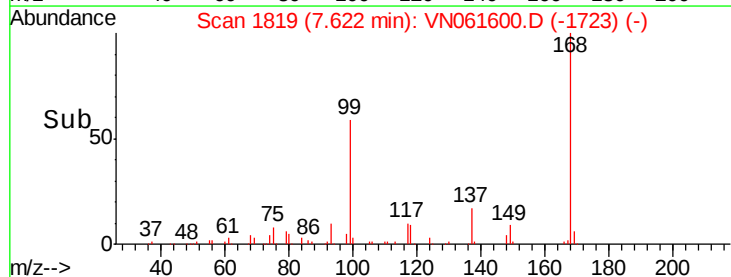
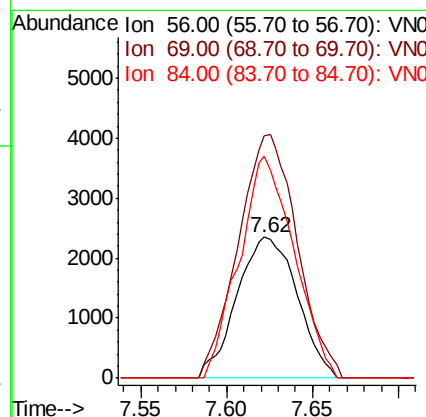
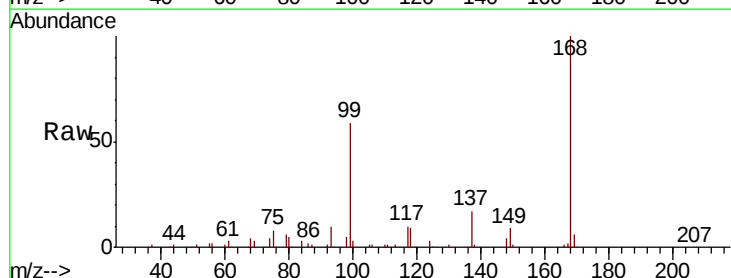
Instrument :
MSVOA_N
ClientSampleId :
ST010MW005-200527

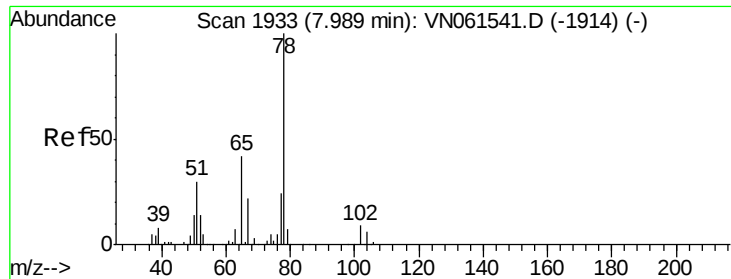
Tot Ion: 43 Resp: 6588
Ion Ratio Lower Upper
43 100
58 32.8 27.2 40.8



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061600.D
Acq: 1 Jun 2020 17:19

Tgt Ion: 56 Resp: 5734
Ion Ratio Lower Upper
56 100
69 171.8 27.8 41.8#
84 156.9 79.9 119.9#

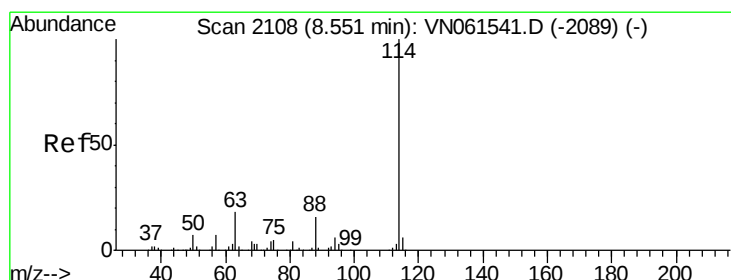
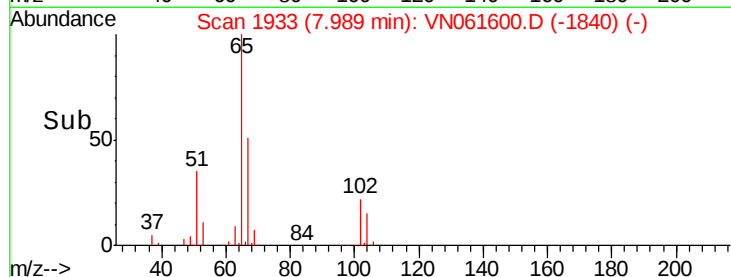
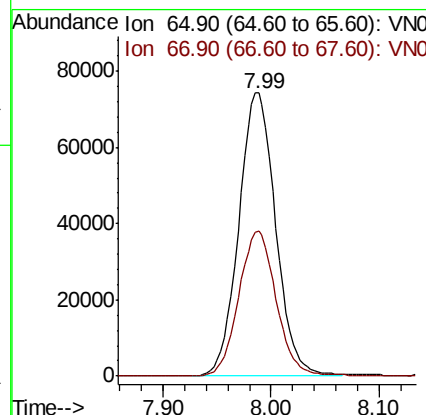
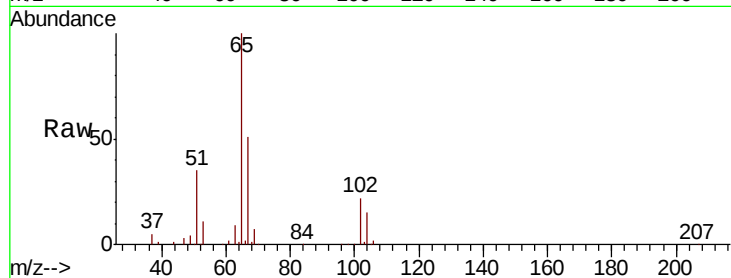




#33
 1,2-Dichloroethane-d4
 Concen: 51.518 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

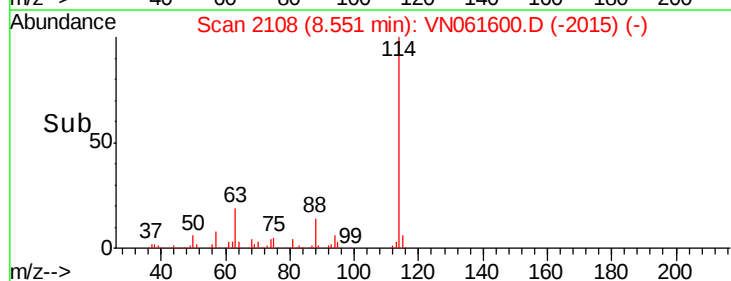
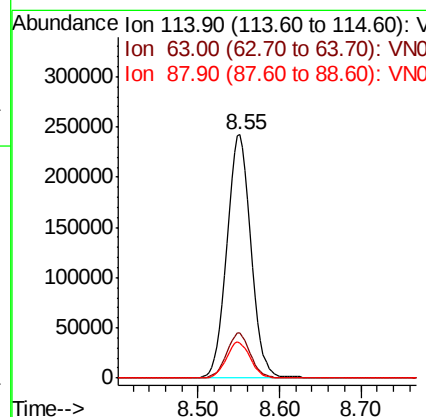
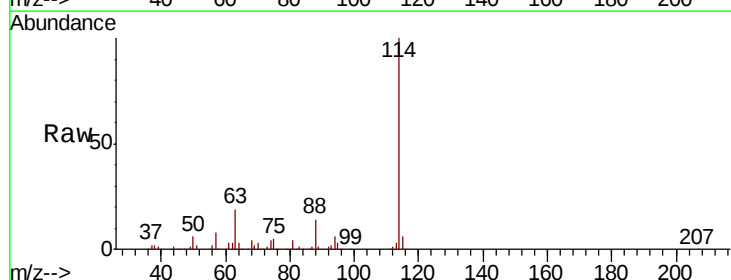
Instrument :
 MSVOA_N
 ClientSampleId :
 ST010MW005-200527

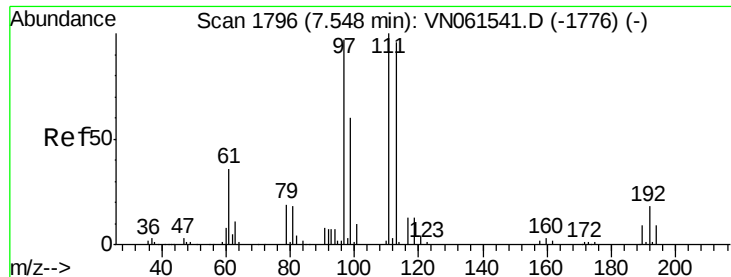
Tot Ion: 65 Resp: 176649
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

Tgt Ion: 114 Resp: 508505
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.8
 88 14.3 0.0 31.0

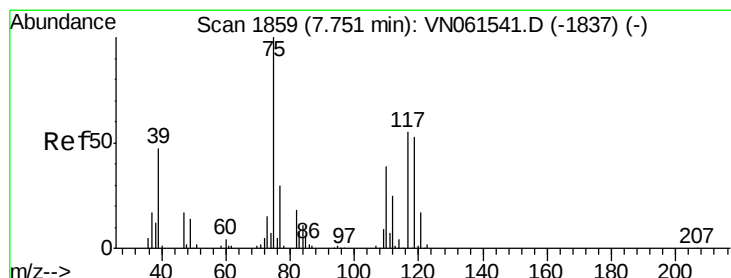
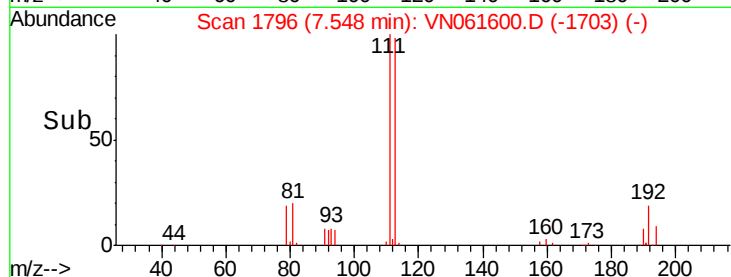
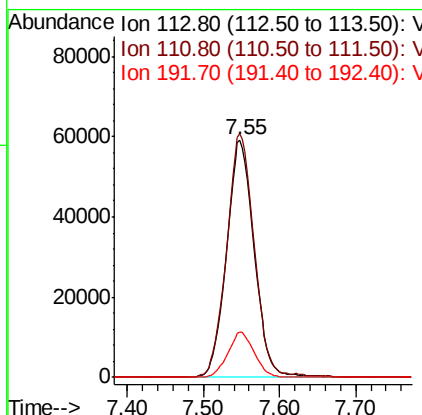
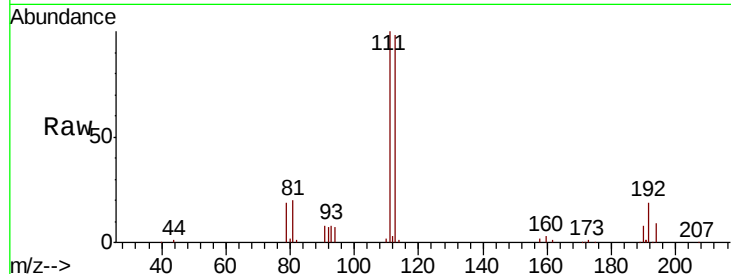




#35
 Dibromofluoromethane
 Concen: 57.895 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

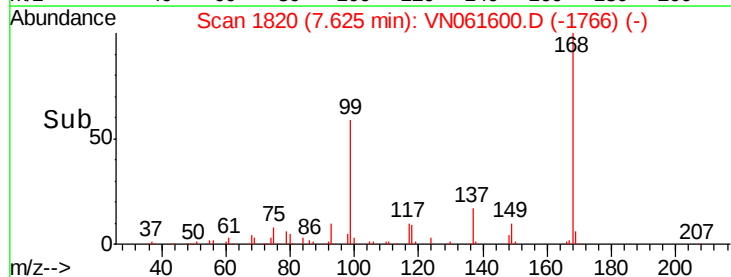
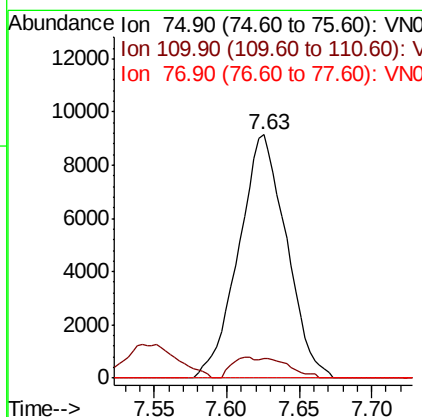
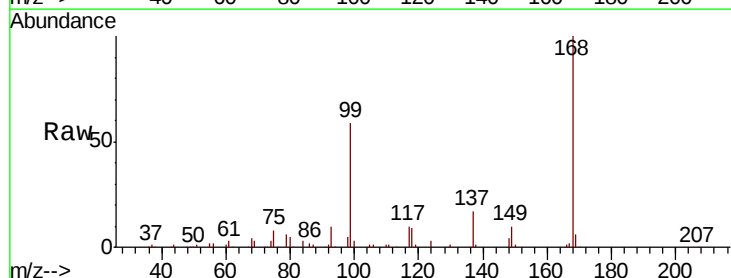
Instrument :
 MSVOA_N
 ClientSampleId :
 ST010MW005-200527

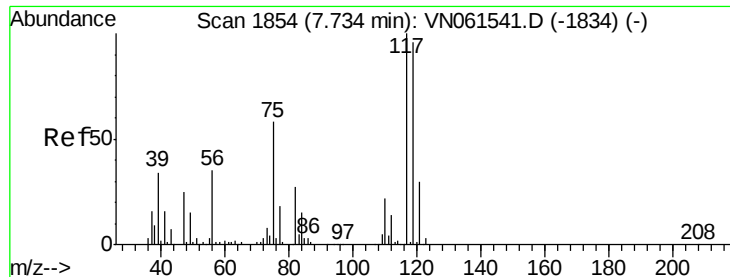
Tot Ion:113 Resp: 149342
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.0
 192 18.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

Tgt Ion: 75 Resp: 20922
 Ion Ratio Lower Upper
 75 100
 110 4.7 19.5 58.5#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061600.D

Acq: 1 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

ST010MW005-200527

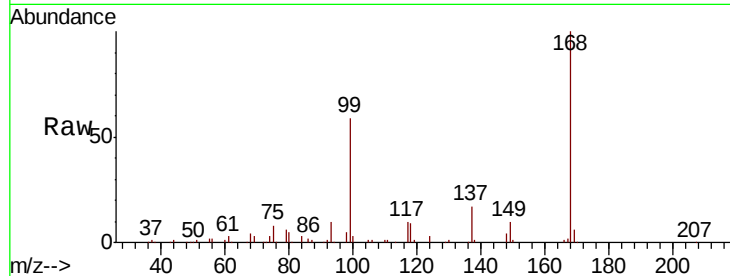
Tot Ion:117 Resp: 29258

Ion Ratio Lower Upper

117 100

119 5.0 76.5 114.7#

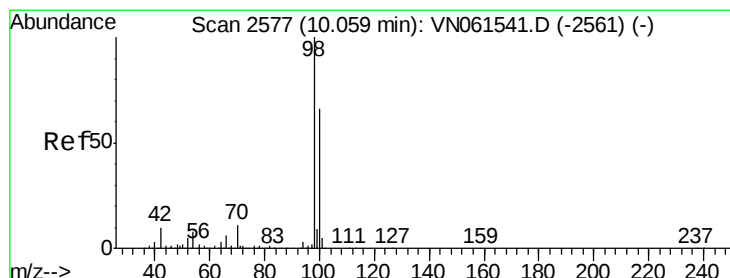
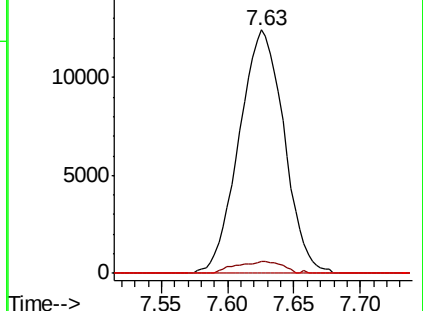
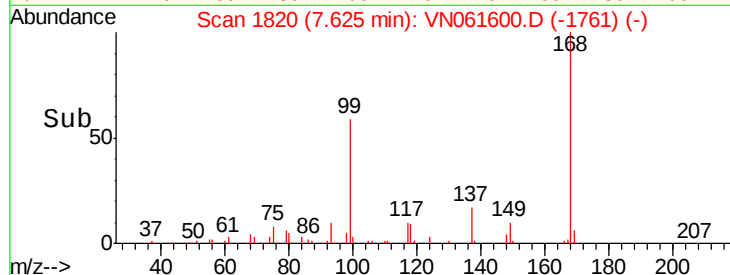
121 0.0 24.1 36.1#



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: 52.059 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061600.D

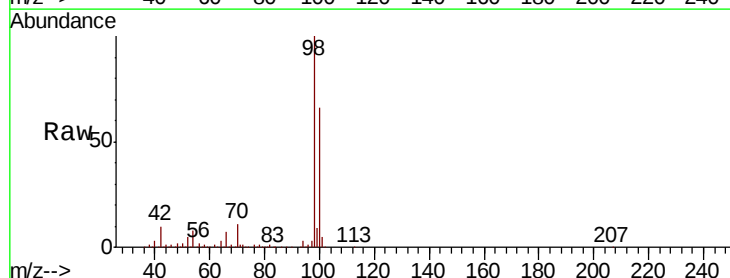
Acq: 1 Jun 2020 17:19

Tgt Ion: 98 Resp: 622307

Ion Ratio Lower Upper

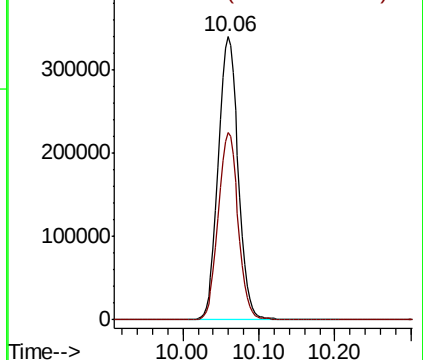
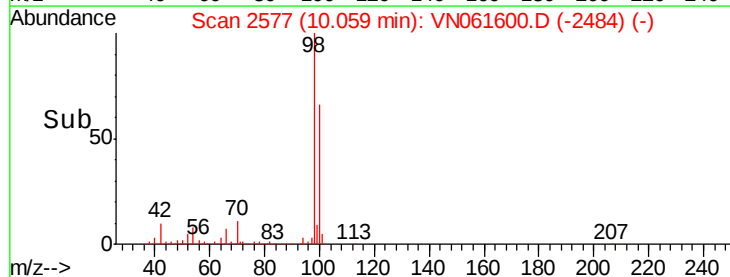
98 100

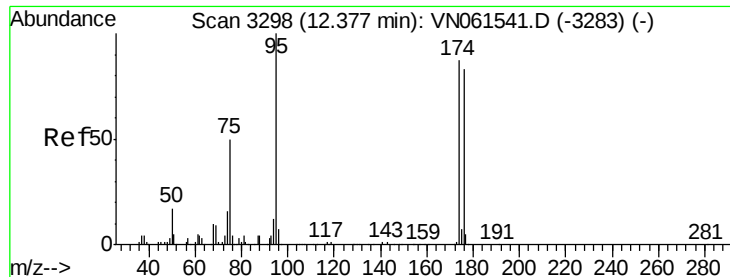
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

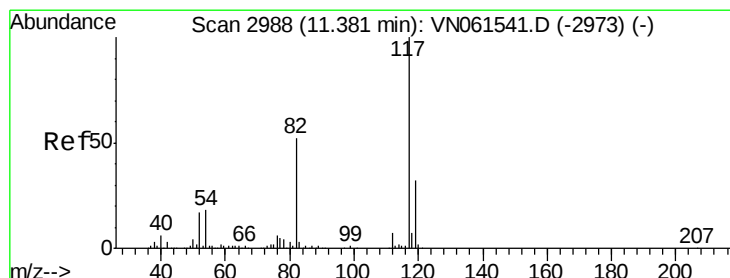
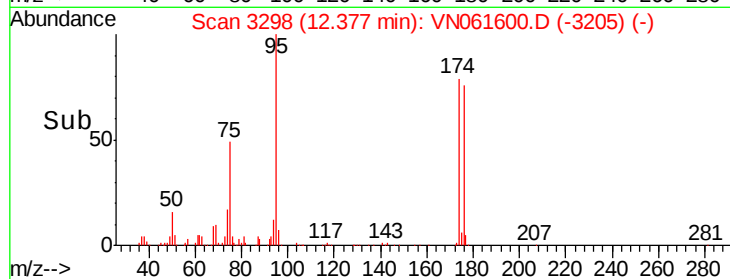
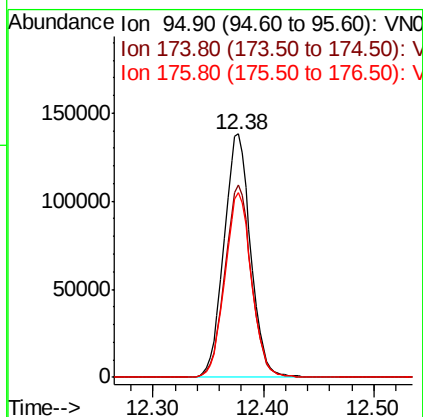
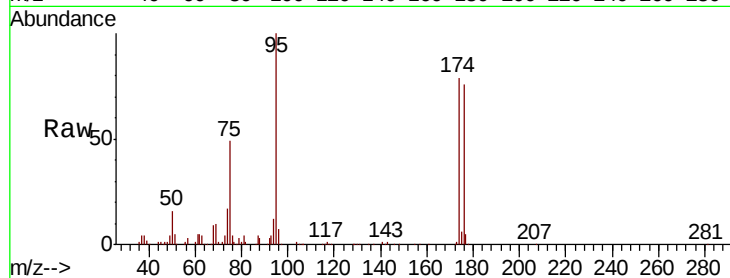




#62
 4-Bromofluorobenzene
 Concen: 53.202 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

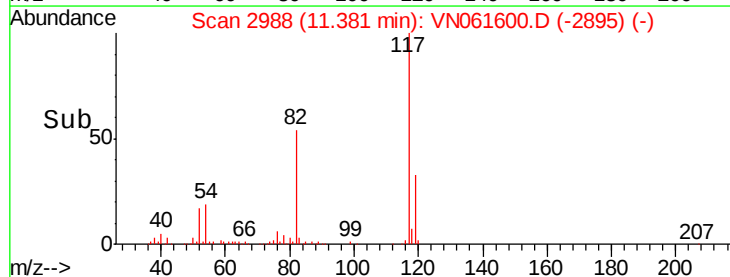
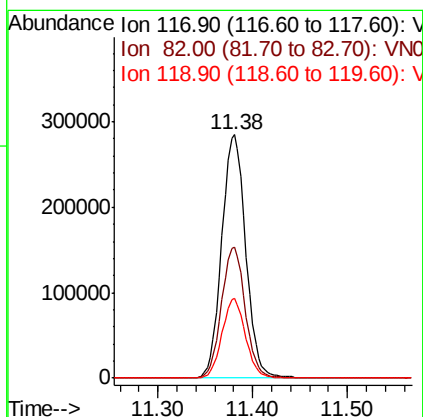
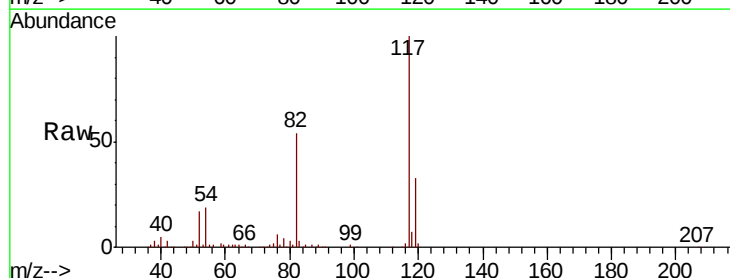
Instrument :
 MSVOA_N
 ClientSampleId :
 ST010MW005-200527

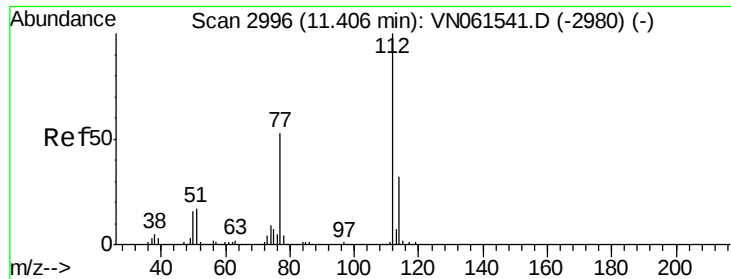
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	172.8
176	75.6	0.0	164.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061600.D
 Acq: 1 Jun 2020 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.5	62.3
119	32.6	25.6	38.4





#65

Chlorobenzene

Concen: 0.322 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061600.D

Acq: 1 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

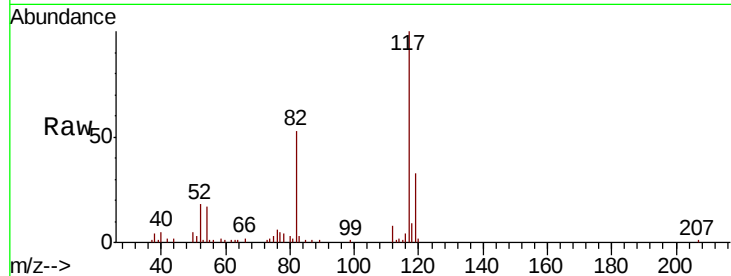
ST010MW005-200527

Tot Ion:112 Resp: 3367

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

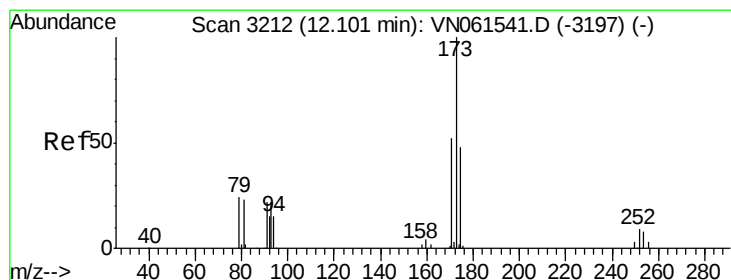
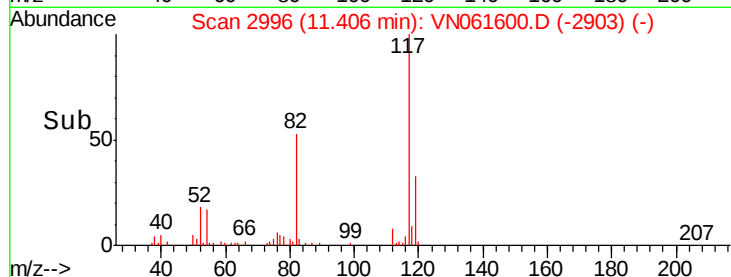
1500

1000

500

0

Time--> 11.35 11.40 11.45



#71

Bromoform

Concen: 0.628 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061600.D

Acq: 1 Jun 2020 17:19

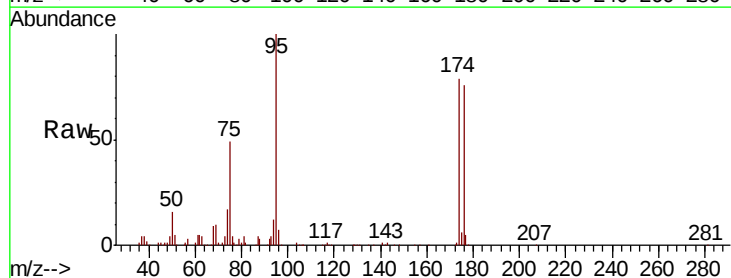
Tgt Ion:173 Resp: 1887

Ion Ratio Lower Upper

173 100

175 604.8 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

10000

8000

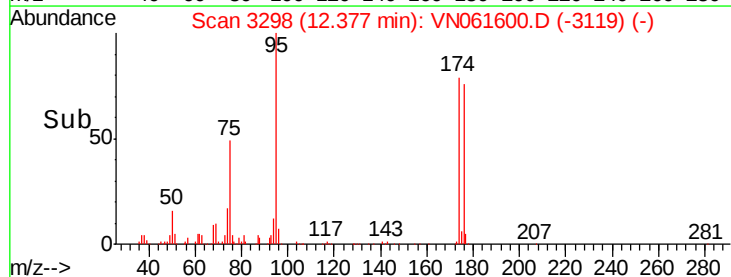
6000

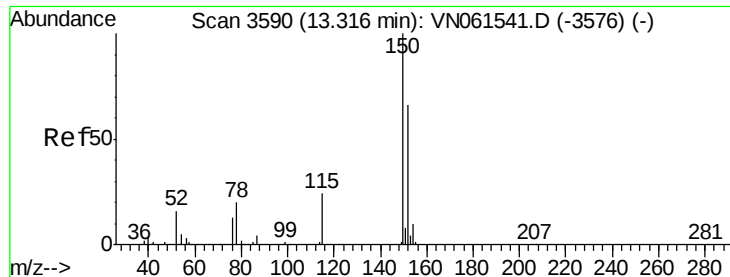
4000

2000

0

Time--> 12.34 12.36 12.38





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061600.D

Acq: 1 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

ST010MW005-200527

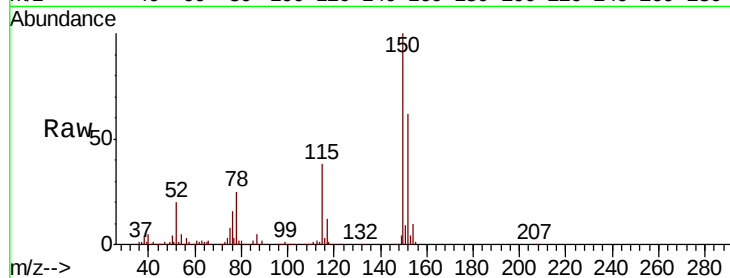
Tot Ion:152 Resp: 226615

Ion Ratio Lower Upper

152 100

115 59.7 28.0 84.0

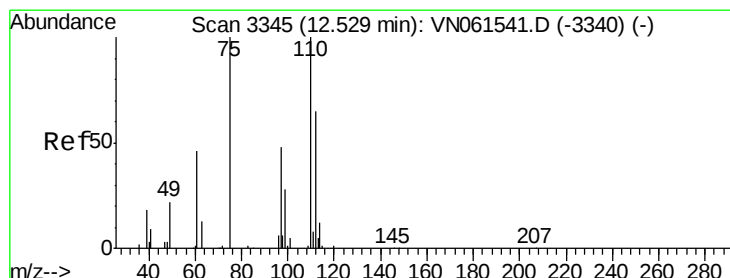
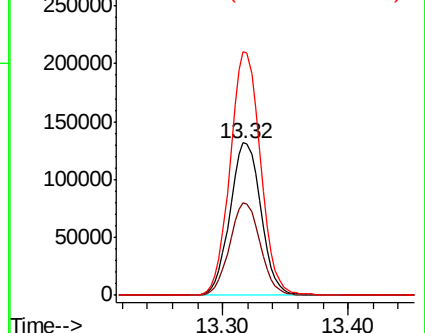
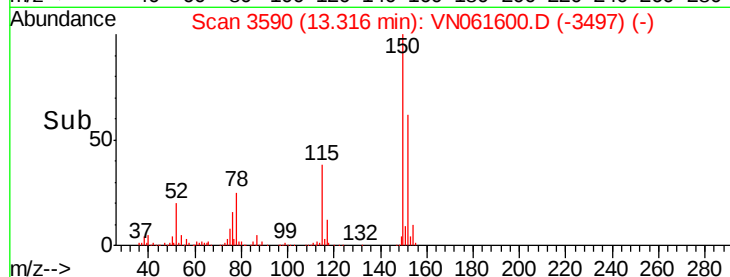
150 156.3 0.0 344.0



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: 27.807 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061600.D

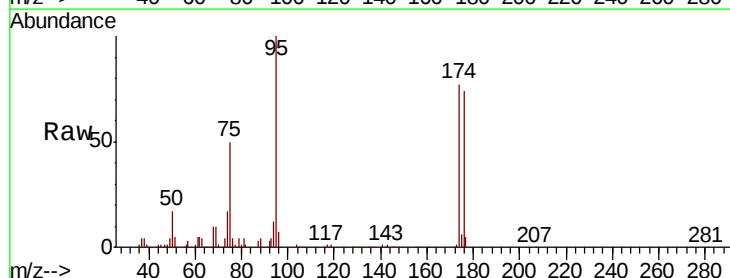
Acq: 1 Jun 2020 17:19

Tgt Ion: 75 Resp: 114587

Ion Ratio Lower Upper

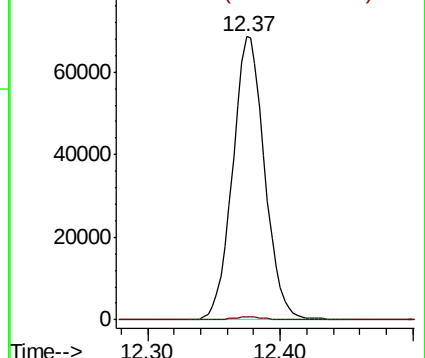
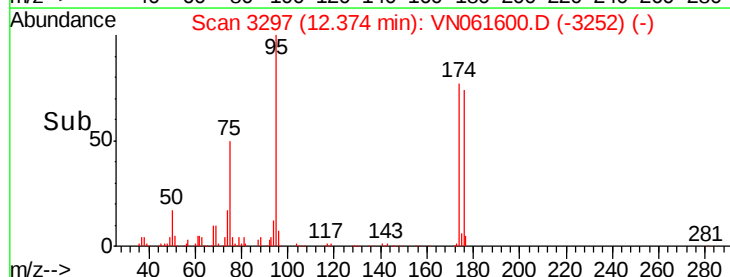
75 100

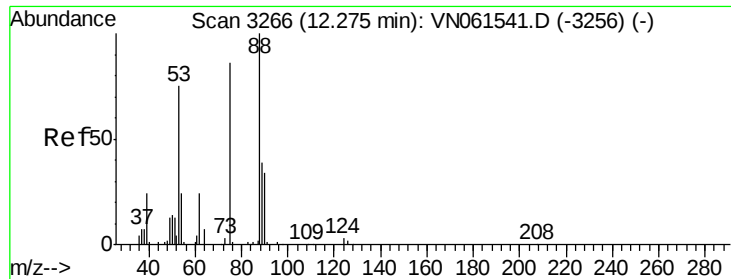
77 1.1 0.0 0.0#



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: 71.111 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061600.D

Acq: 1 Jun 2020 17:19

Instrument :

MSVOA_N

ClientSampleId :

ST010MW005-200527

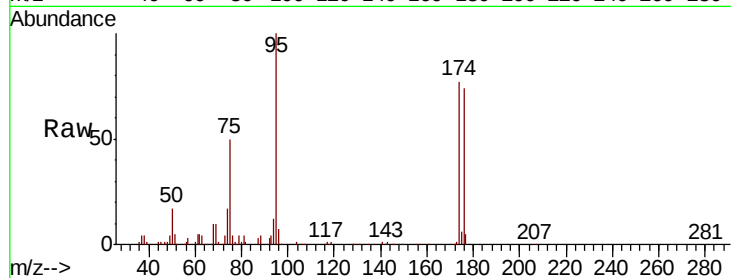
Tot Ion: 75 Resp: 114587

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): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO

