

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064396.D
 Acq On : 30 Oct 2020 13:36
 Operator : JC/MD
 Sample : L4572-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 02 02:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	213094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	175640	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	7.55	113	125080	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	478483	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.38	95	198892	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	

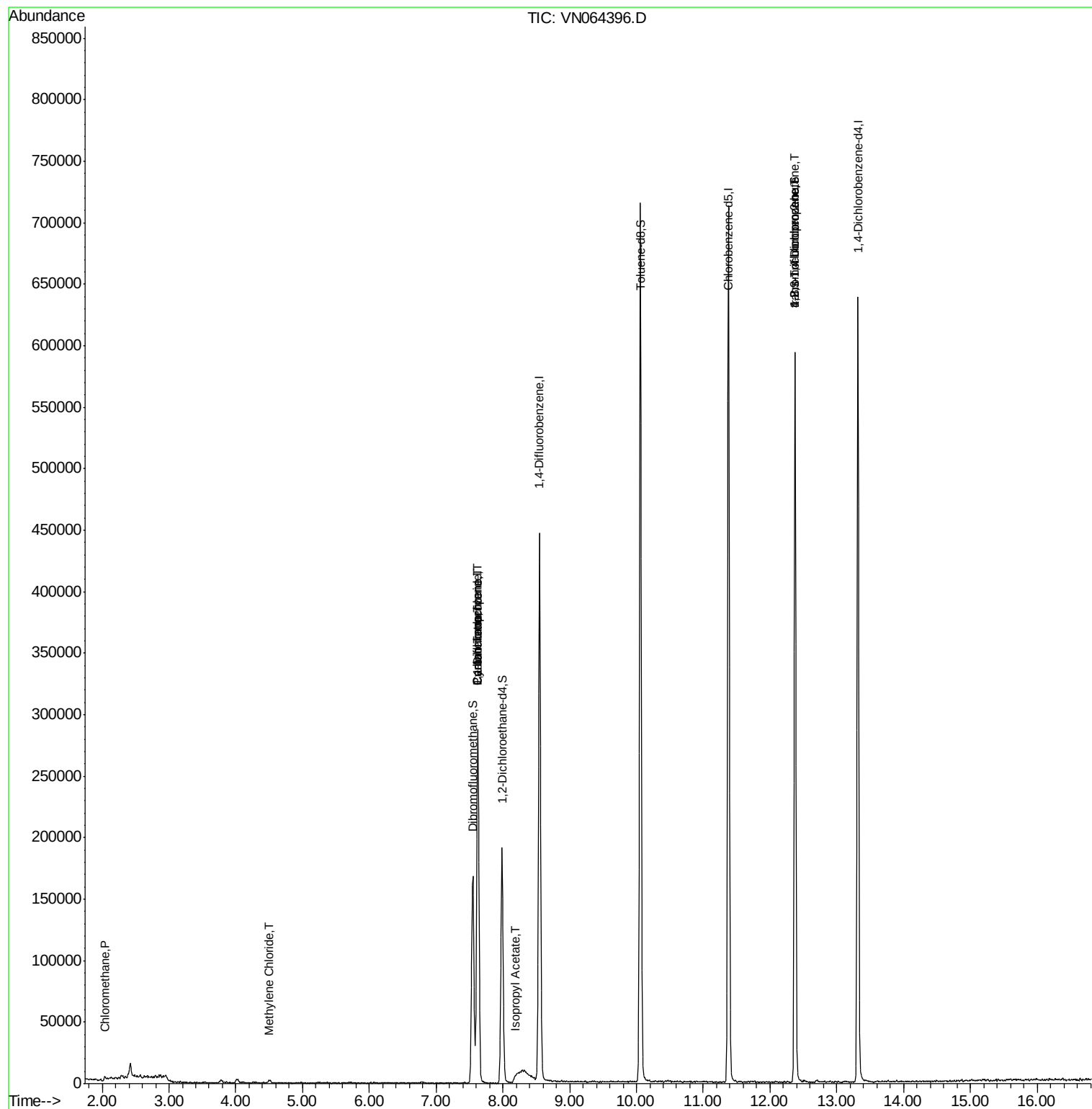
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2166	0.818	ug/l #	88
16) Acetone	3.77	43	4545	Below Cal		92
20) Methylene Chloride	4.50	84	841	0.346	ug/l #	35
31) Cyclohexane	7.62	56	5842	1.470	ug/l #	36
36) 1,1-Dichloropropene	7.63	75	18818	4.968	ug/l #	45
38) Carbon Tetrachloride	7.62	117	23391	5.327	ug/l #	18
43) Isopropyl Acetate	8.18	43	3933	0.601	ug/l #	57
76) 1,2,3-Trichloropropane	12.37	75	116086	30.641	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	116086	88.261	ug/l #	8

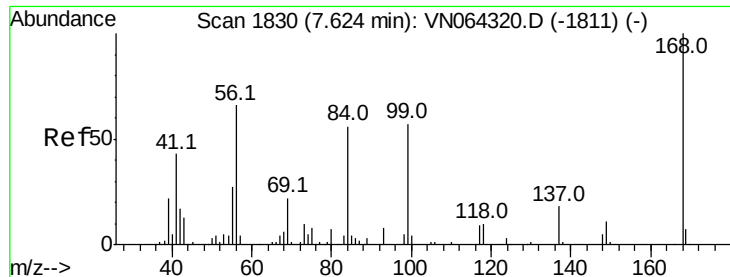
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
Data File : VN064396.D
Acq On : 30 Oct 2020 13:36
Operator : JC/MD
Sample : L4572-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 02 02:05:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

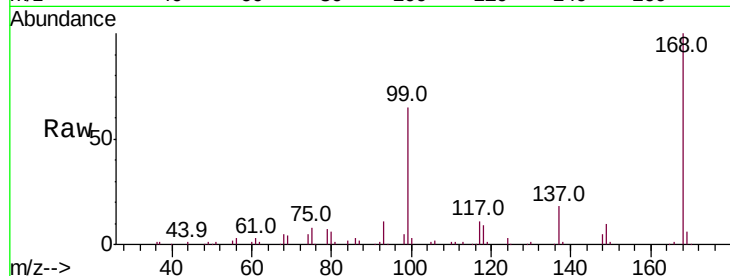
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 213094

Ion Ratio Lower Upper

168 100

99 65.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064320.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064320.D (-1811) (-)

7.63

100000

80000

60000

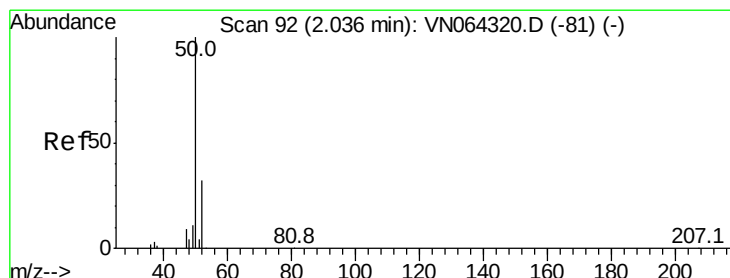
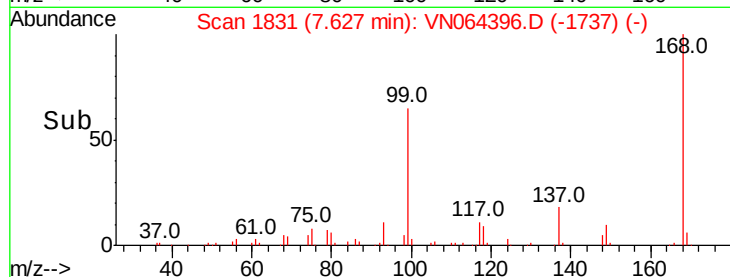
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.818 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064396.D

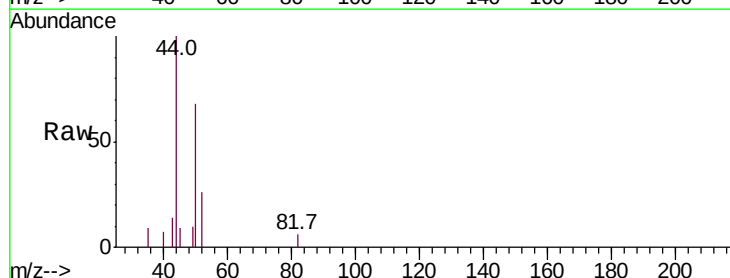
Acq: 30 Oct 2020 13:36

Tgt Ion: 50 Resp: 2166

Ion Ratio Lower Upper

50 100

52 38.5 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN064320.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064320.D (-81) (-)

2.04

2000

1500

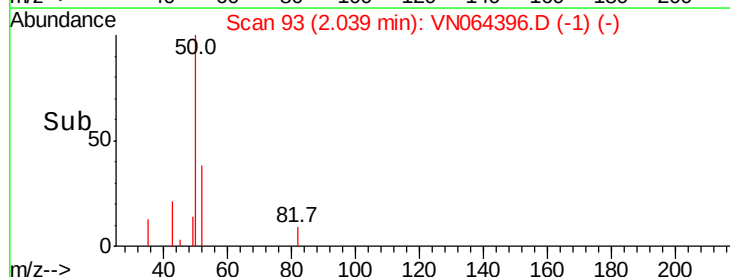
1000

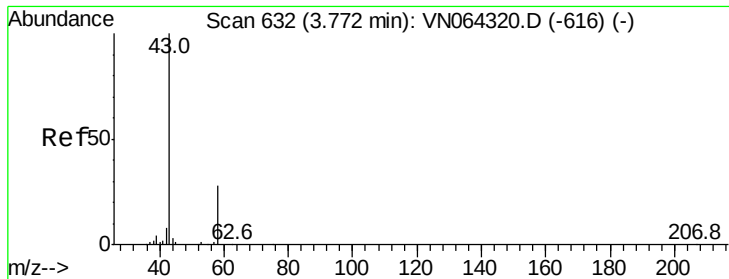
500

0

Time-->

2.00 2.02 2.04 2.06





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

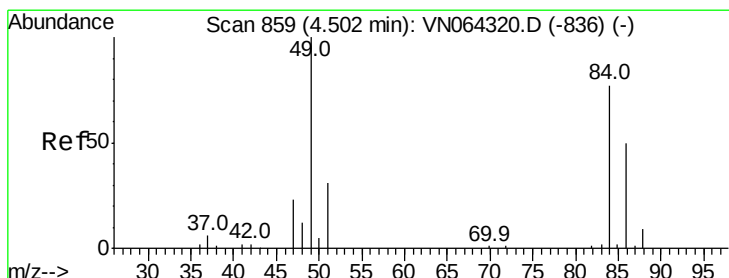
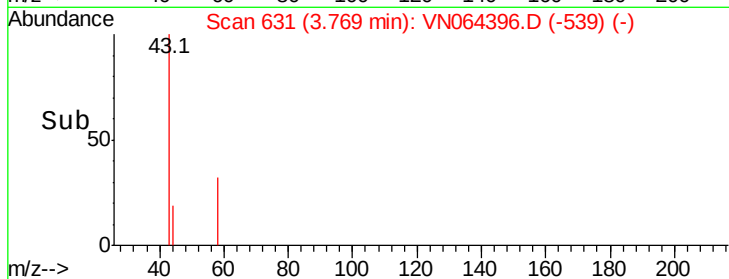
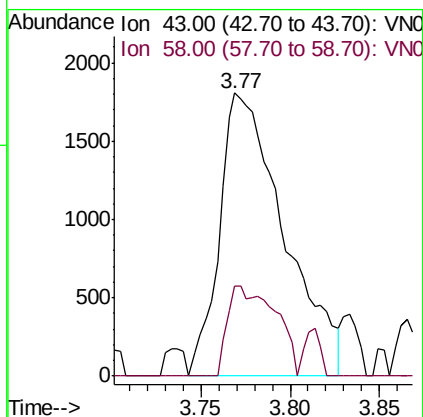
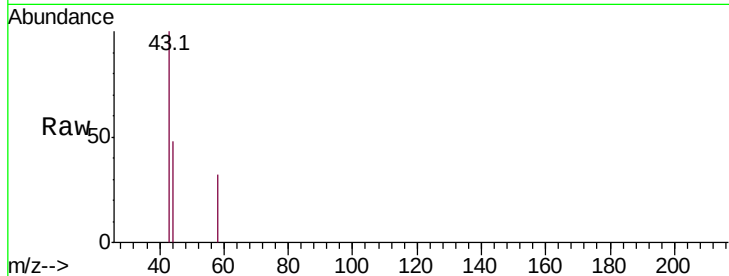
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 4545

Ion Ratio Lower Upper

43 100

58 32.0 22.1 33.1



#20

Methylene Chloride

Concen: 0.346 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Tgt Ion: 84 Resp: 841

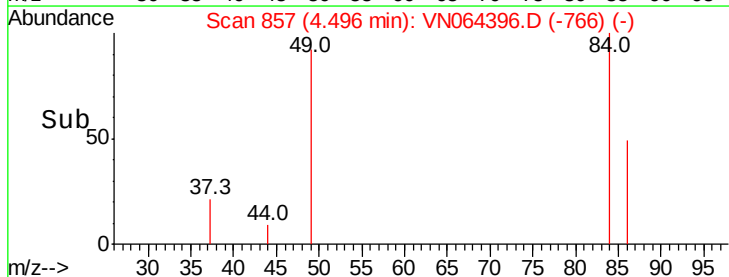
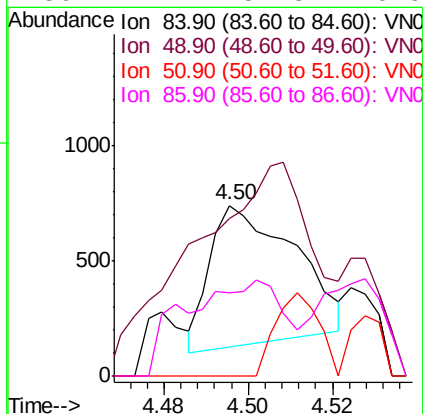
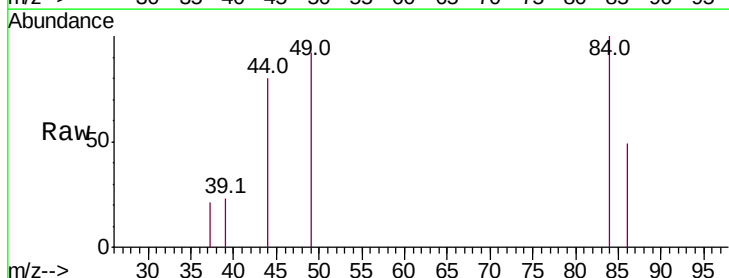
Ion Ratio Lower Upper

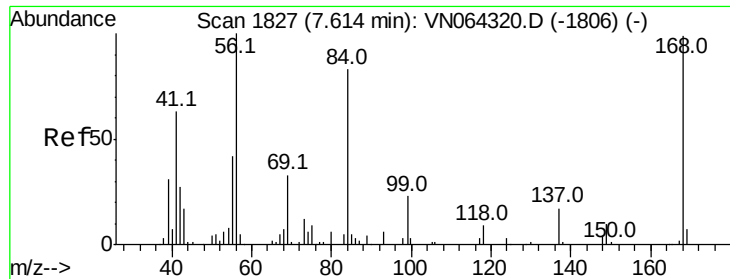
84 100

49 50.1 103.6 155.4#

51 0.0 31.8 47.8#

86 17.1 51.3 76.9#

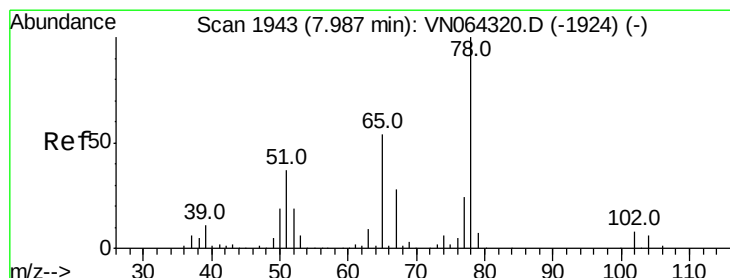
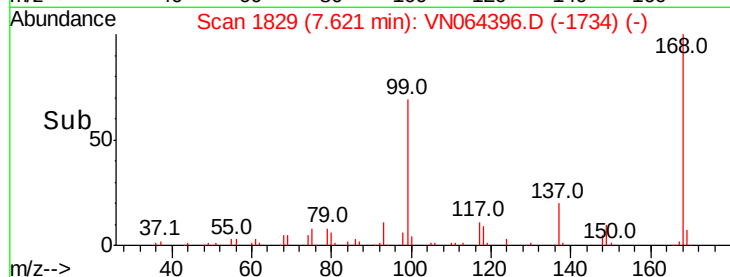
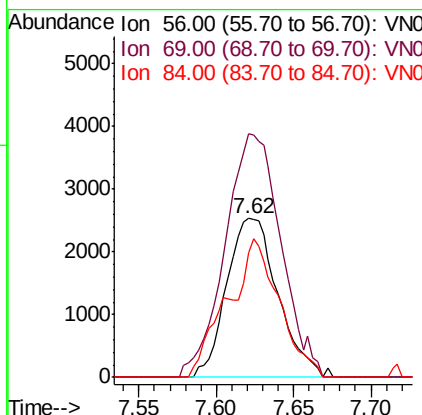
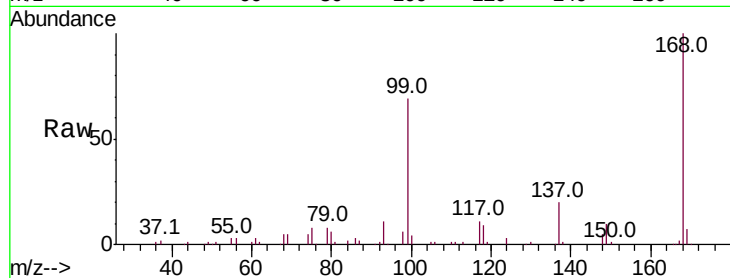




#31
Cyclohexane
Concen: 1.470 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064396.D
Acq: 30 Oct 2020 13:36

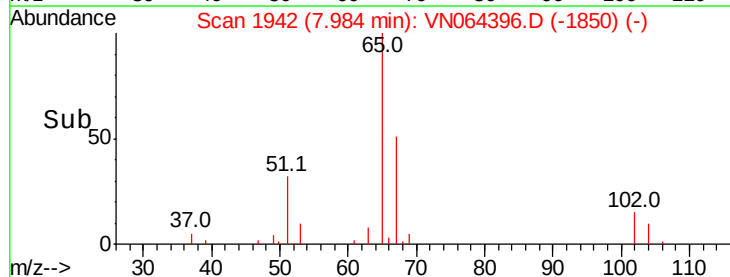
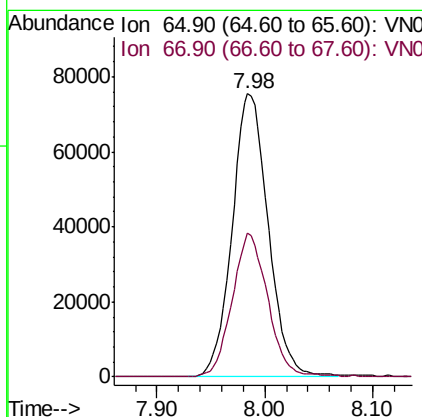
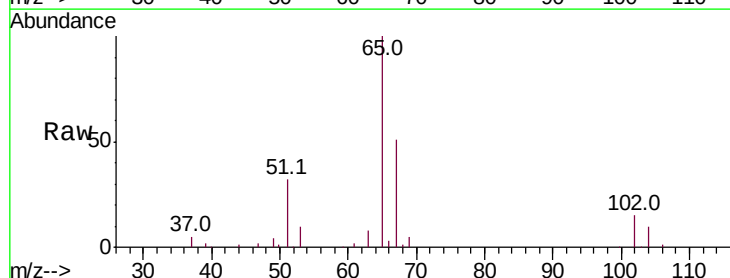
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

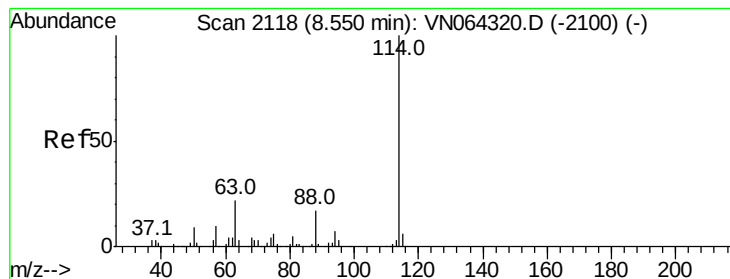
Tot Ion: 56 Resp: 5842
Ion Ratio Lower Upper
56 100
69 153.4 25.8 38.8#
84 78.8 66.3 99.5



#33
1,2-Dichloroethane-d4
Concen: 51.291 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064396.D
Acq: 30 Oct 2020 13:36

Tgt Ion: 65 Resp: 175640
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

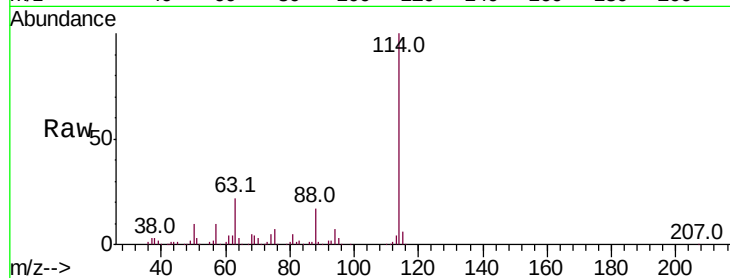
Tot Ion:114 Resp: 375294

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

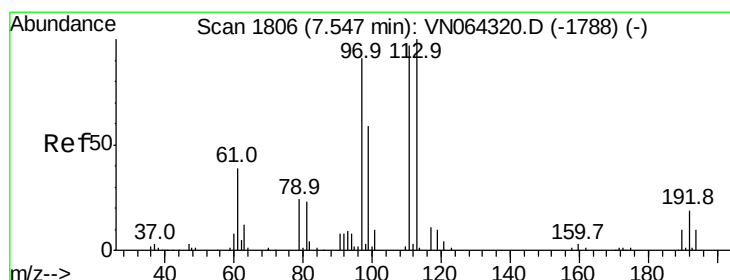
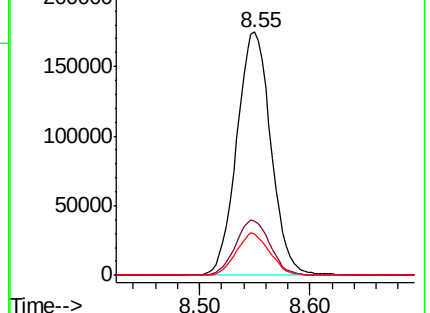
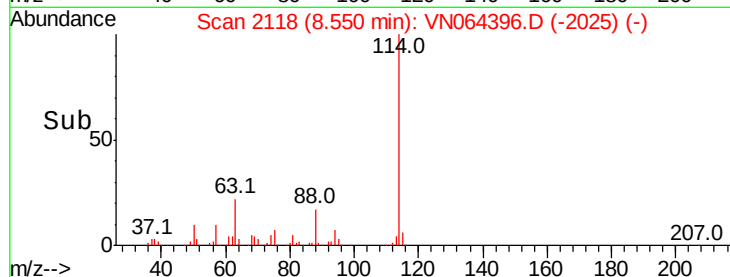
88 17.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.977 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

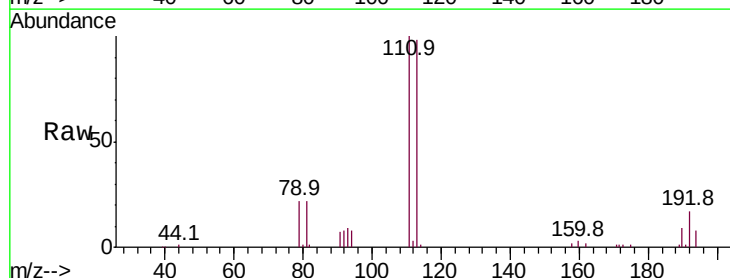
Tgt Ion:113 Resp: 125080

Ion Ratio Lower Upper

113 100

111 104.7 81.5 122.3

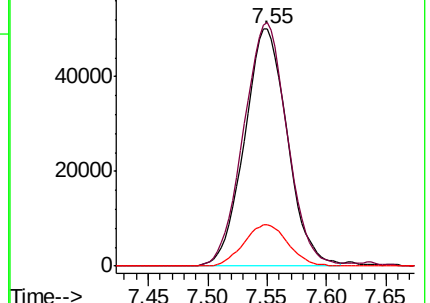
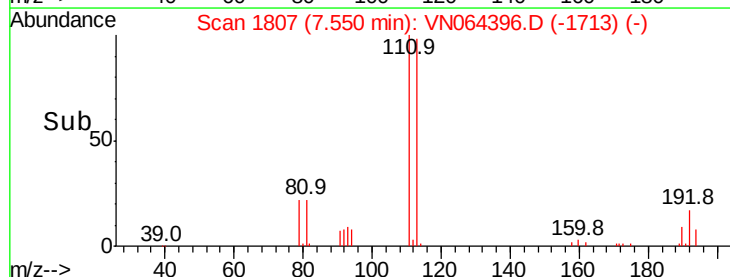
192 18.1 15.0 22.4

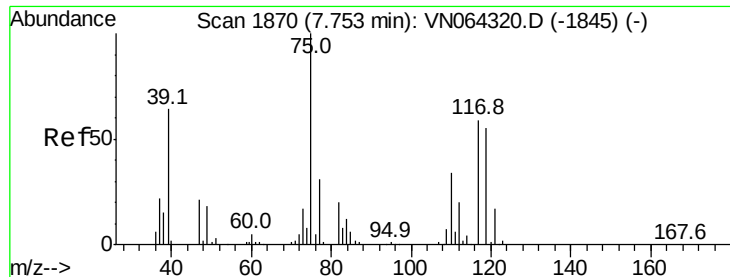


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

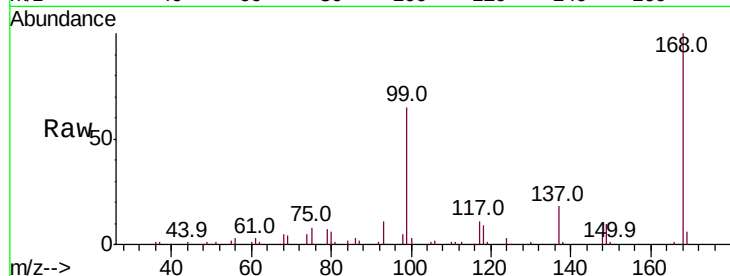
Tot Ion: 75 Resp: 18818

Ion Ratio Lower Upper

75 100

110 2.9 16.8 50.3#

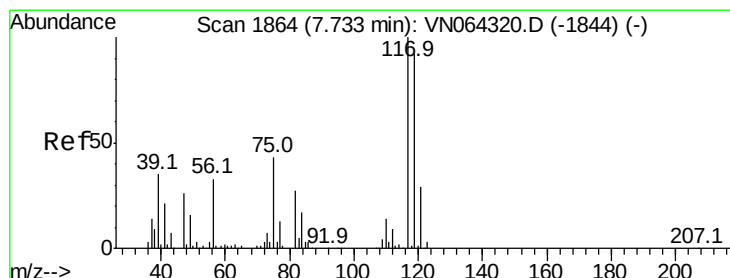
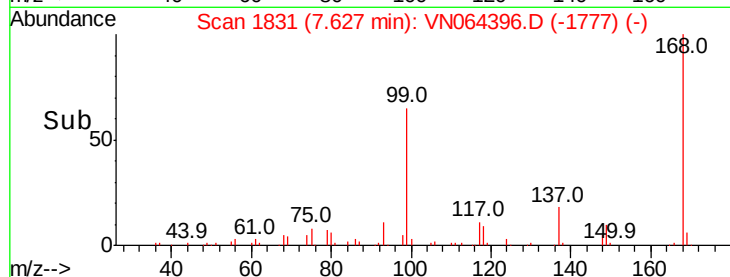
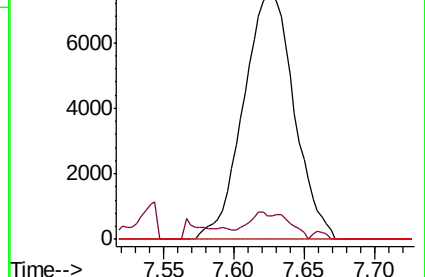
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-1845) (-)

Ion 109.90 (109.60 to 110.60): VN064320.D (-1845) (-)

Ion 76.90 (76.60 to 77.60): VN064320.D (-1845) (-)



#38

Carbon Tetrachloride

Concen: 5.327 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

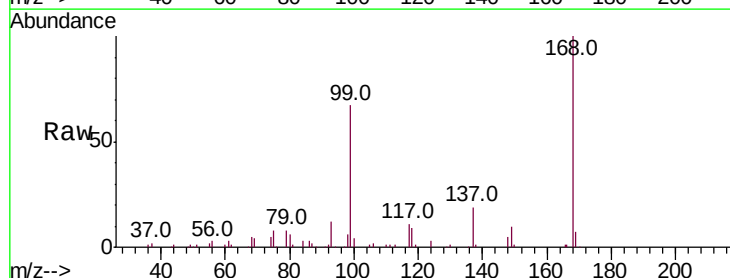
Tgt Ion: 117 Resp: 23391

Ion Ratio Lower Upper

117 100

119 5.3 73.7 110.5#

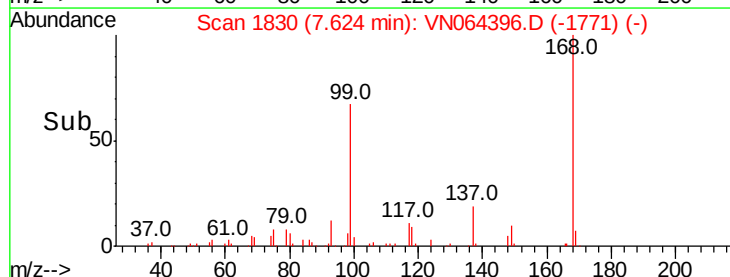
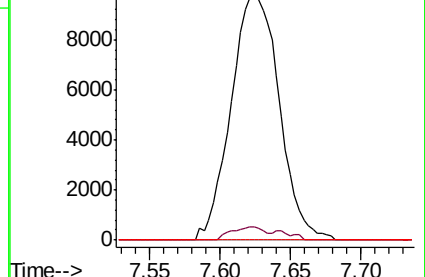
121 0.0 22.8 34.2#

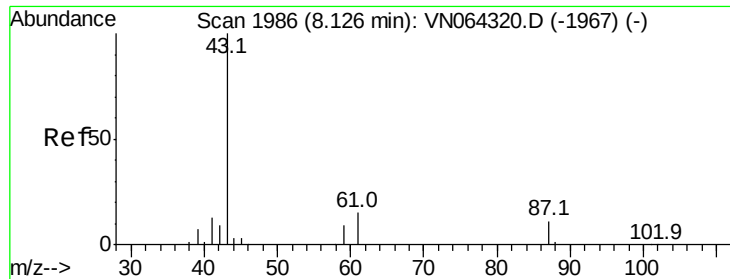


Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-1844) (-)

Ion 118.80 (118.50 to 119.50): VN064320.D (-1844) (-)

Ion 120.80 (120.50 to 121.50): VN064320.D (-1844) (-)





#43

Isopropyl Acetate

Concen: 0.601 ug/l

RT: 8.18 min Scan# 2003

Delta R.T. 0.05 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

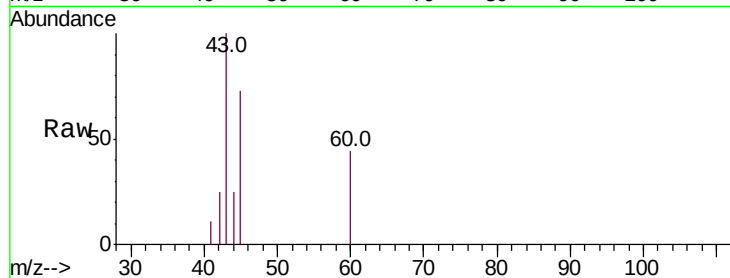
Tot Ion: 43 Resp: 3933

Ion Ratio Lower Upper

43 100

61 0.0 19.1 28.7#

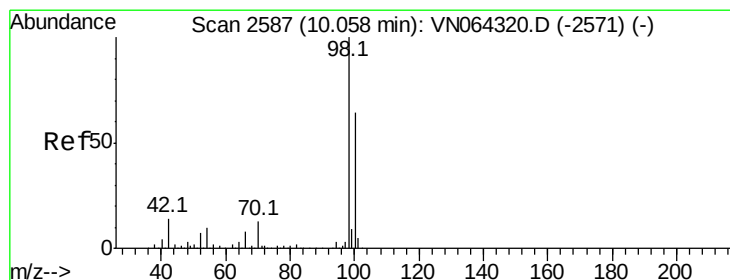
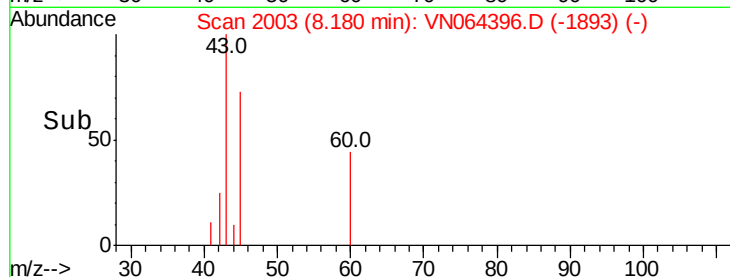
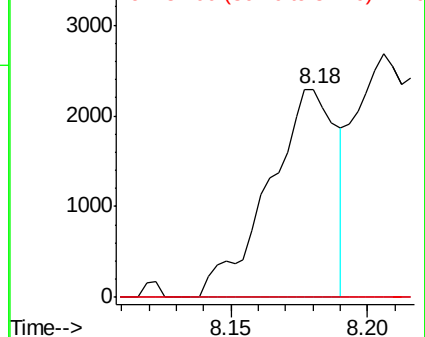
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.687 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064396.D

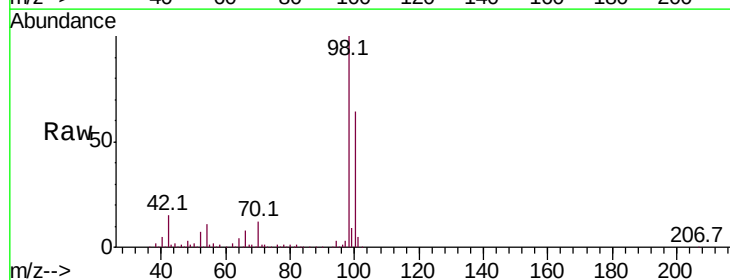
Acq: 30 Oct 2020 13:36

Tgt Ion: 98 Resp: 478483

Ion Ratio Lower Upper

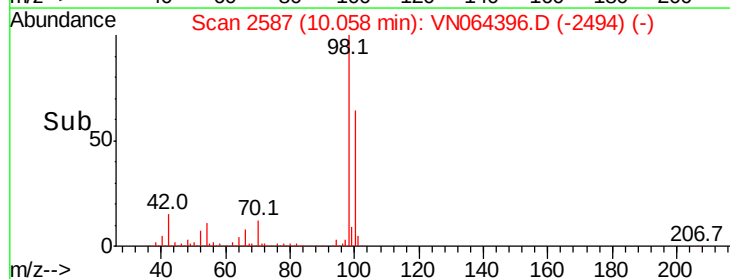
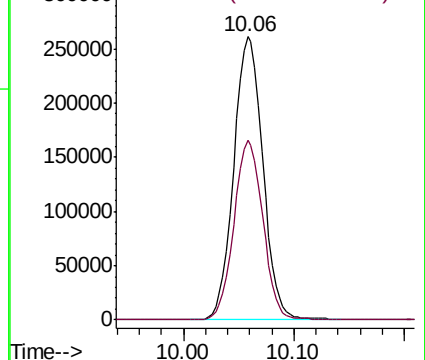
98 100

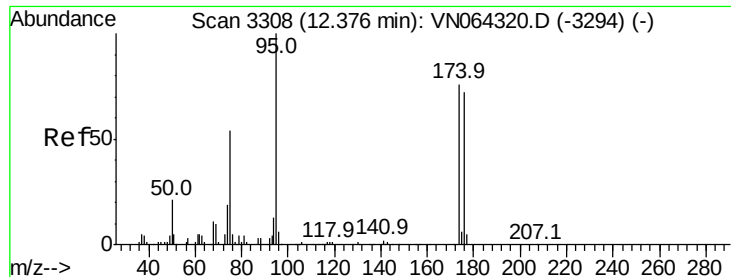
100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

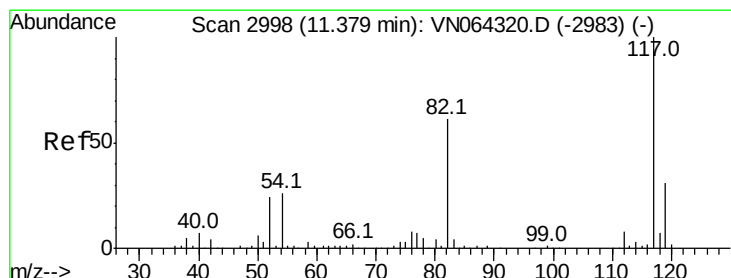
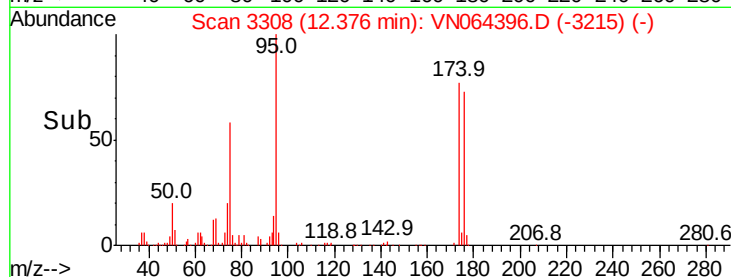
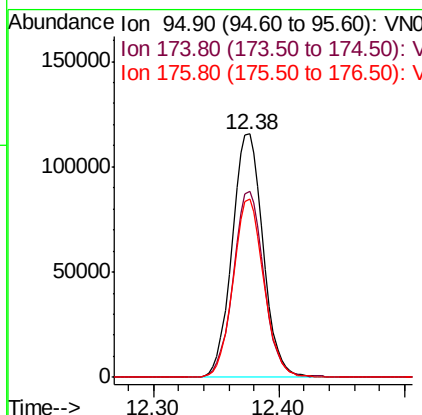
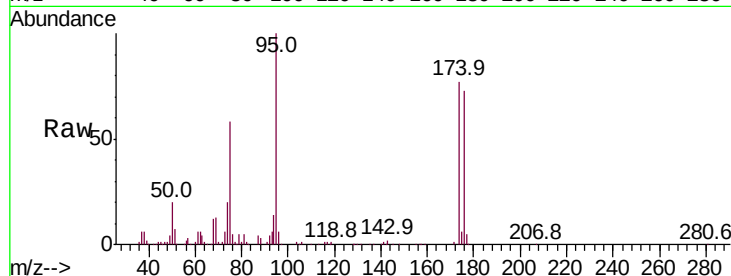




#62
4-Bromofluorobenzene
Concen: 55.104 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064396.D
Acq: 30 Oct 2020 13:36

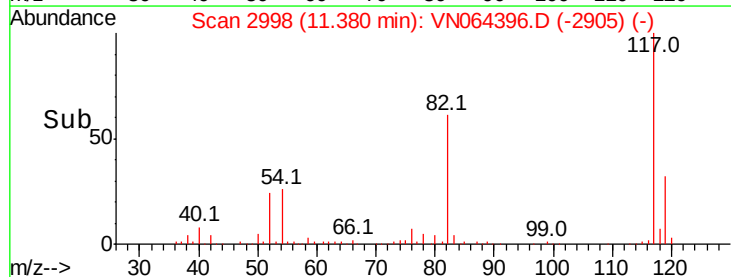
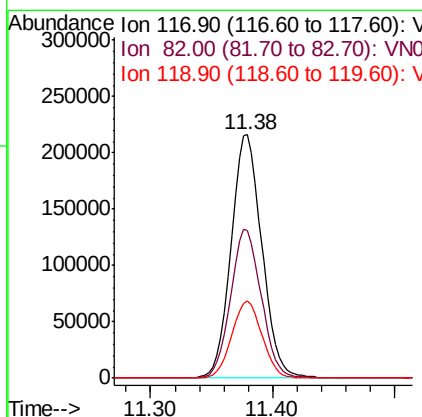
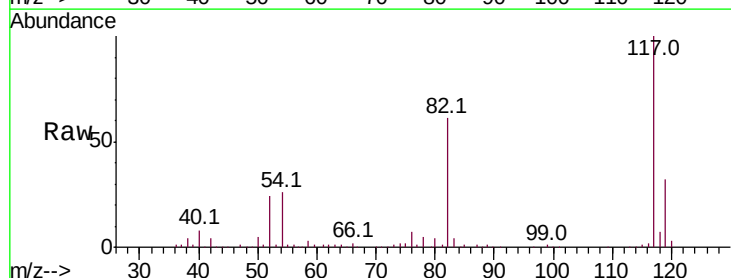
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

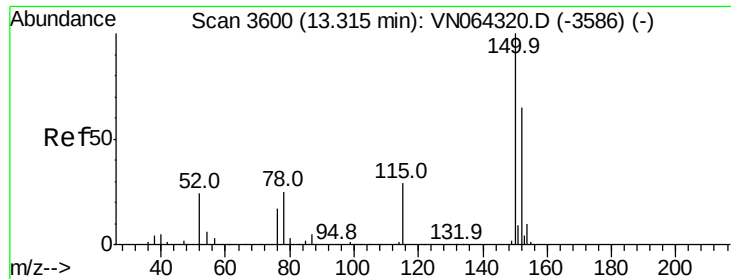
Tot Ion: 95 Resp: 198892
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 72.5 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064396.D
Acq: 30 Oct 2020 13:36

Tgt Ion: 117 Resp: 379040
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.7 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

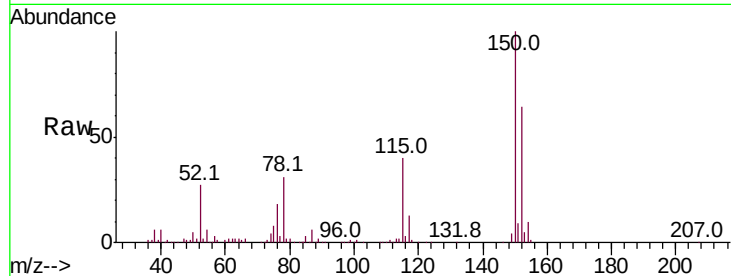
Tot Ion:152 Resp: 158207

Ion Ratio Lower Upper

152 100

115 64.4 31.5 94.5

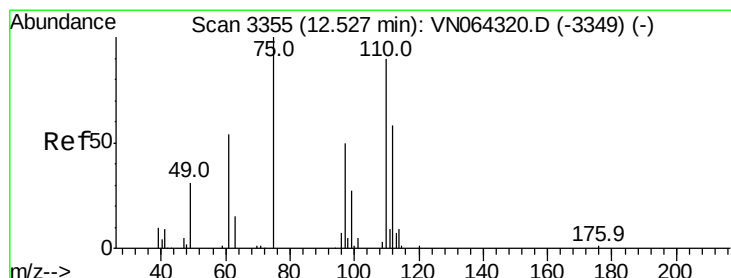
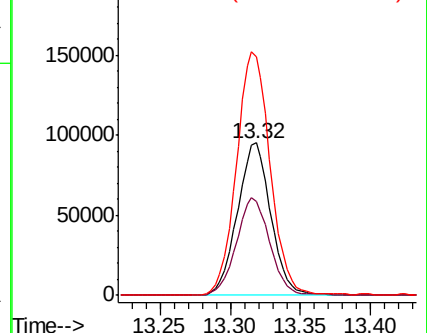
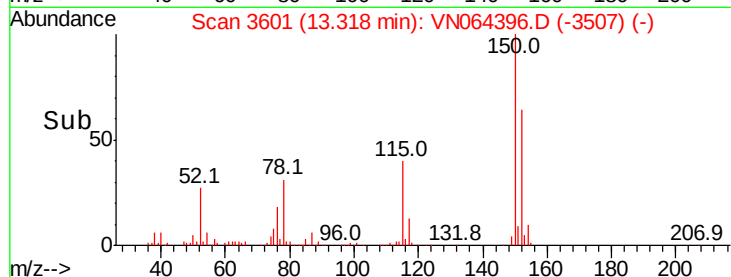
150 160.7 0.0 346.2



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: 30.641 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064396.D

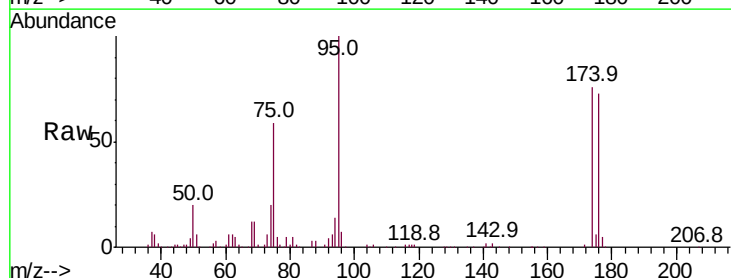
Acq: 30 Oct 2020 13:36

Tgt Ion: 75 Resp: 116086

Ion Ratio Lower Upper

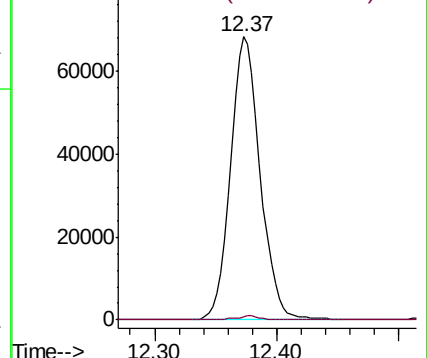
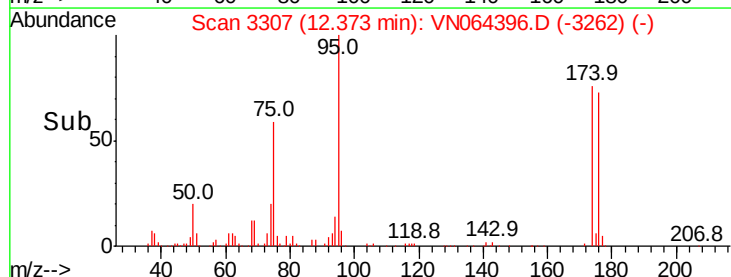
75 100

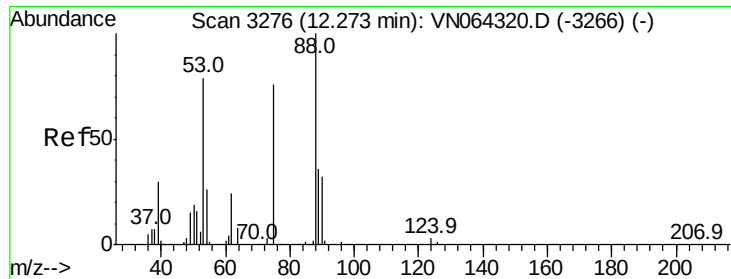
77 1.1 0.0 0.0#



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: 88.261 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064396.D

Acq: 30 Oct 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 116086

Ion Ratio Lower Upper

75 100

53 0.1 81.8 122.8#

89 0.0 39.9 59.9#

