

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064395.D
 Acq On : 30 Oct 2020 13:12
 Operator : JC/MD
 Sample : L4572-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 02 03:38:39 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	7.62	168	211616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	379289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157993	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	176722	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.55	113	126192	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.06	98	480348	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.37	95	205476	56.33	ug/l	0.00
Spiked Amount			Recovery	=	112.66%	

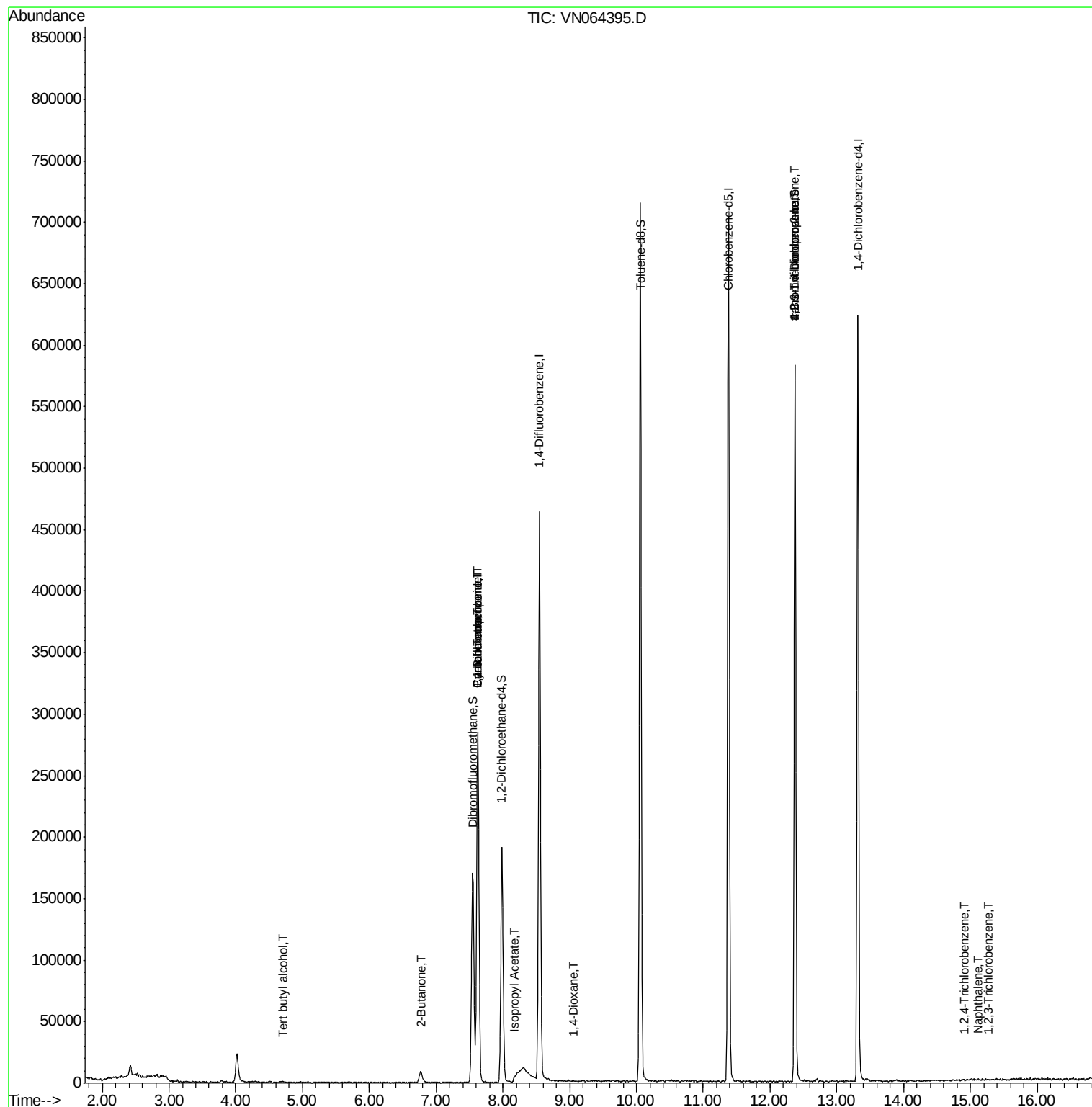
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	332	0.673	ug/l #	70
16) Acetone	3.79	43	1560	Below Cal	#	81
25) 2-Butanone	6.78	43	376	0.220	ug/l #	52
31) Cyclohexane	7.62	56	5663	1.435	ug/l #	53
36) 1,1-Dichloropropene	7.62	75	18930	4.945	ug/l #	53
38) Carbon Tetrachloride	7.62	117	24303	5.476	ug/l #	17
43) Isopropyl Acetate	8.16	43	1972	0.298	ug/l #	57
49) 1,4-Dioxane	9.06	88	65	1.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.37	75	116422	30.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	116422	88.636	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.90	180	66	2.040	ug/l #	13
95) Naphthalene	15.12	128	299	2.424	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.28	180	97	2.215	ug/l #	14

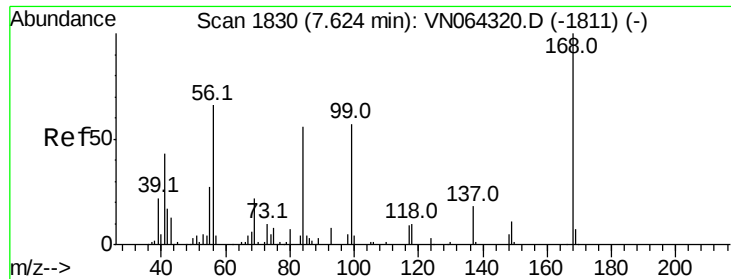
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 02 03:38:39 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: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

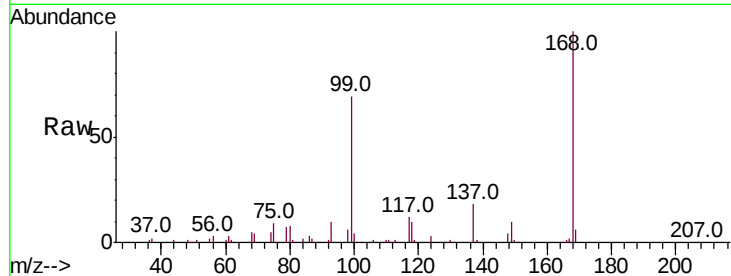
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 211616

Ion Ratio Lower Upper

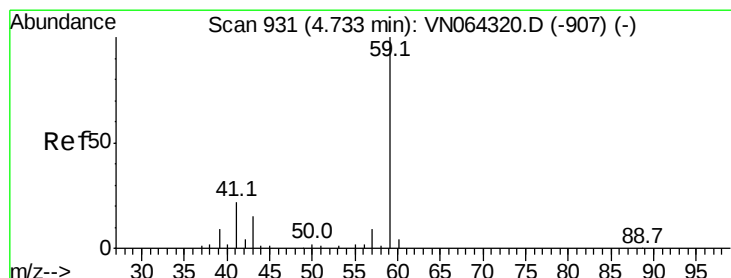
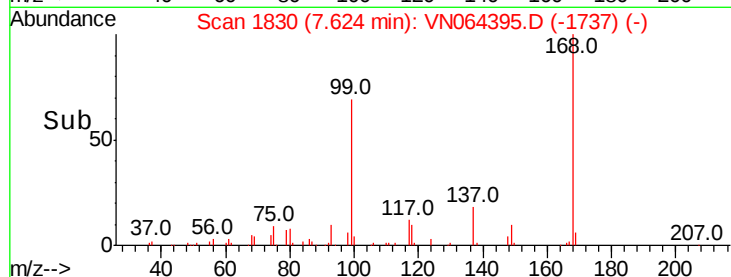
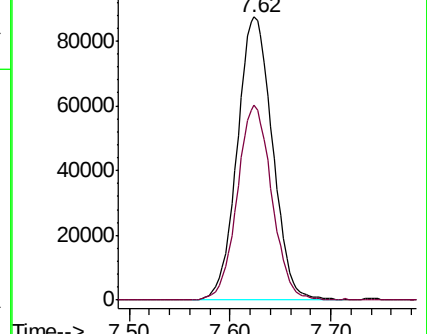
168 100

99 68.8 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.673 ug/l

RT: 4.70 min Scan# 922

Delta R.T. -0.03 min

Lab File: VN064395.D

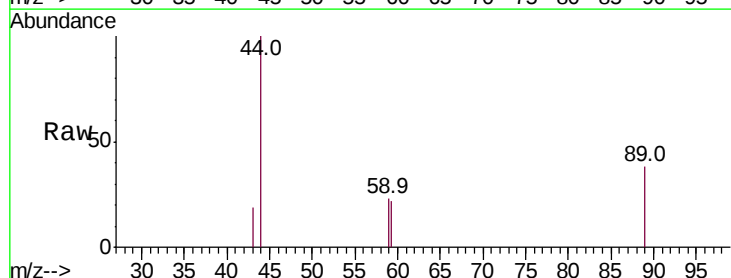
Acq: 30 Oct 2020 13:12

Tgt Ion: 59 Resp: 332

Ion Ratio Lower Upper

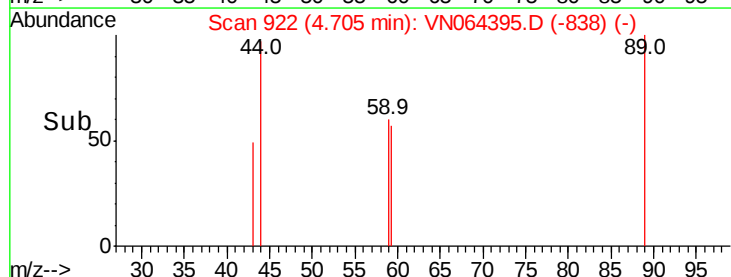
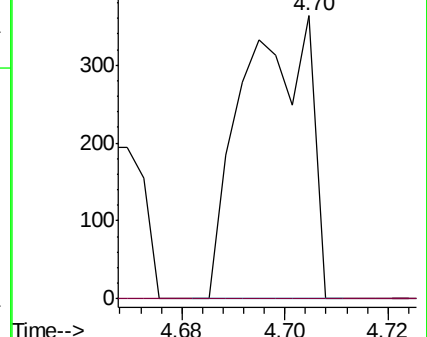
59 100

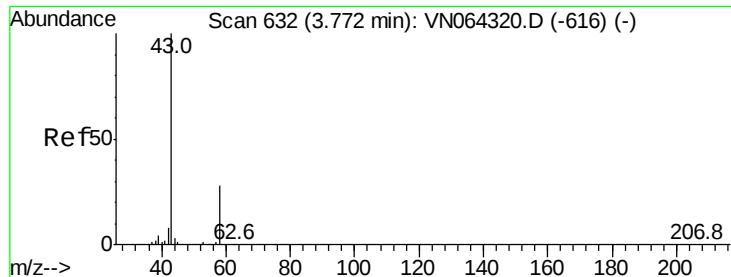
57 0.0 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

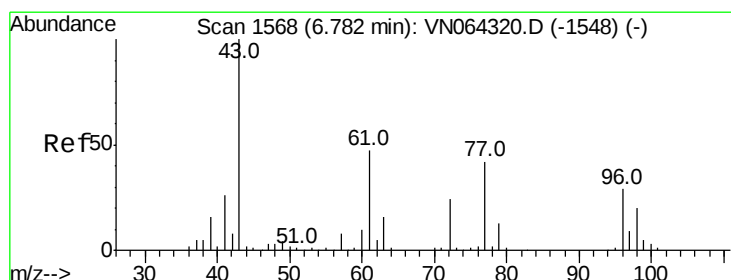
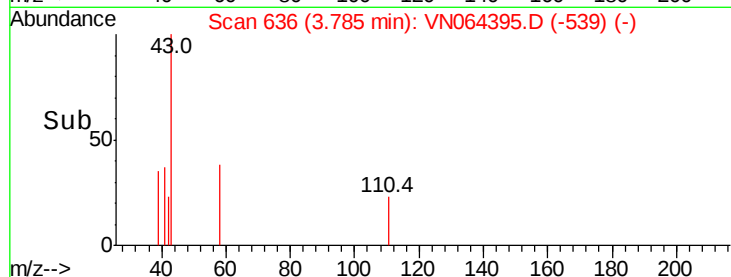
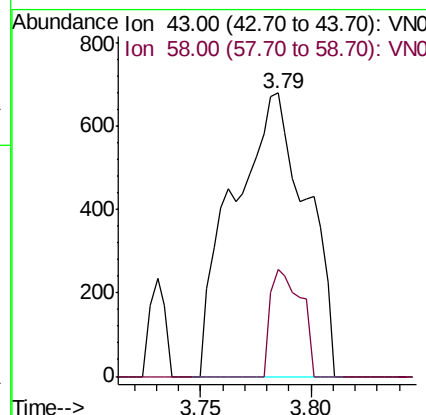
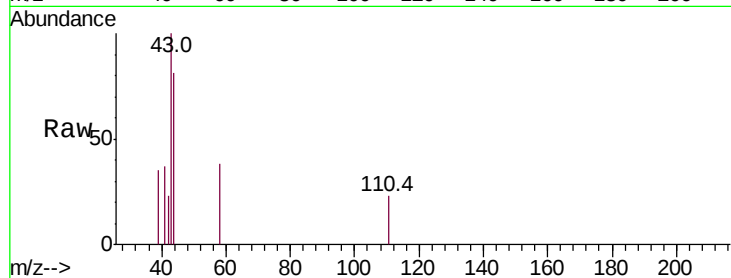




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

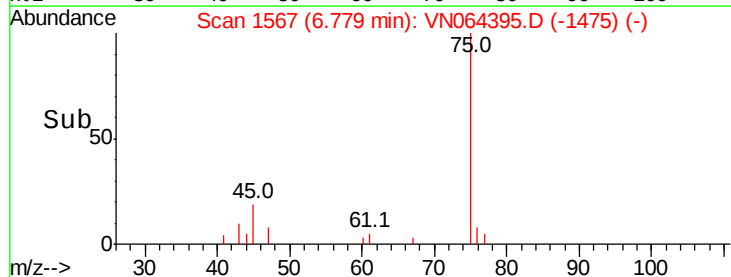
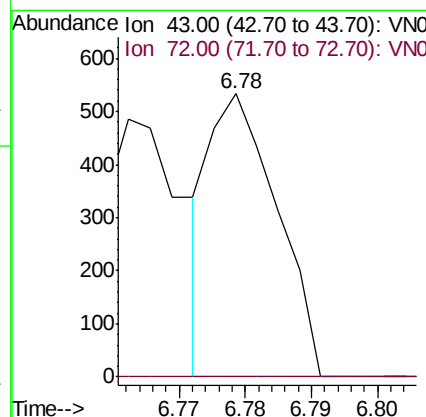
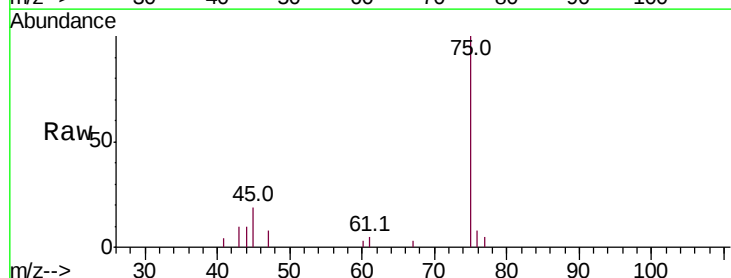
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

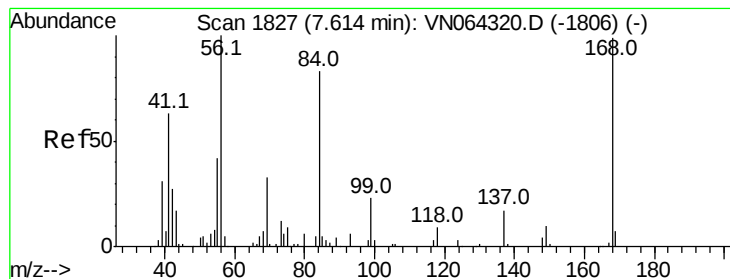
Tot Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 37.6 22.1 33.1#



#25
2-Butanone
Concen: 0.220 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
72 0.0 18.8 28.2#





#31

Cyclohexane

Concen: 1.435 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

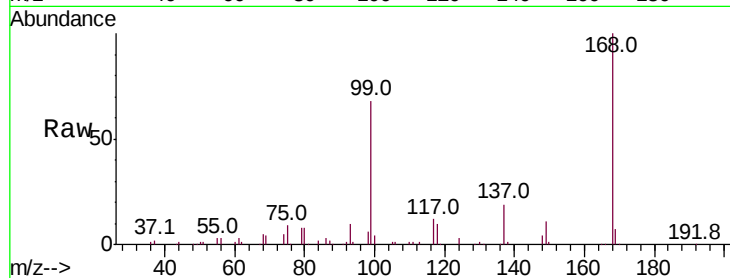
Tot Ion: 56 Resp: 5663

Ion Ratio Lower Upper

56 100

69 119.9 25.8 38.8#

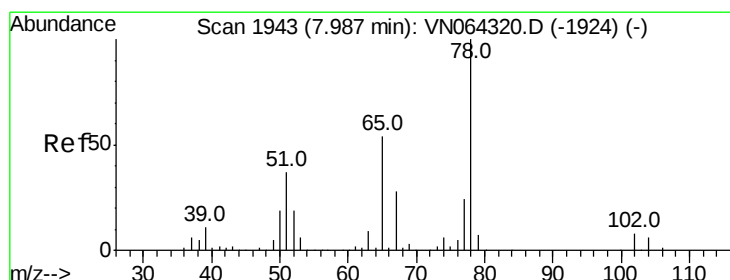
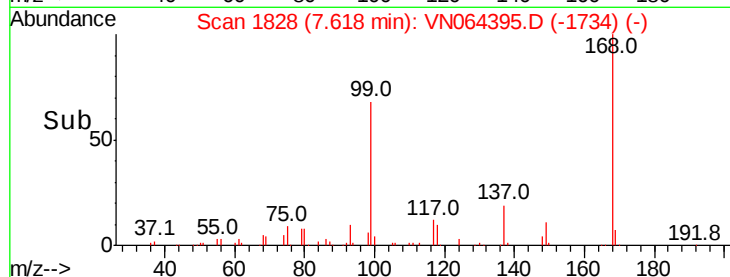
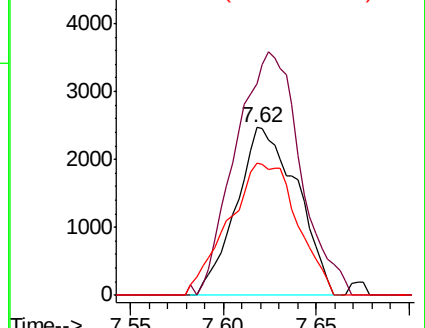
84 78.9 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.967 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064395.D

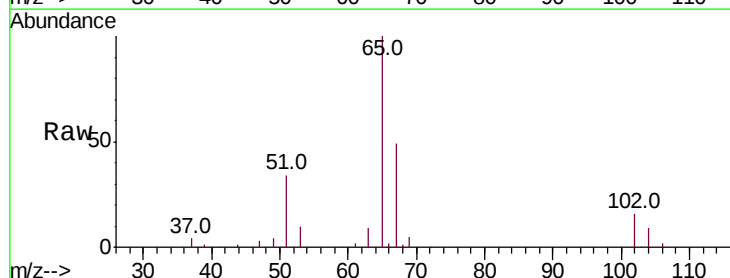
Acq: 30 Oct 2020 13:12

Tgt Ion: 65 Resp: 176722

Ion Ratio Lower Upper

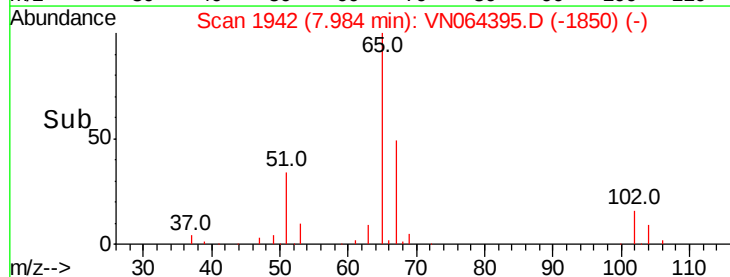
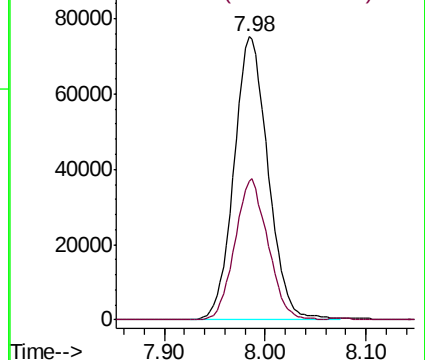
65 100

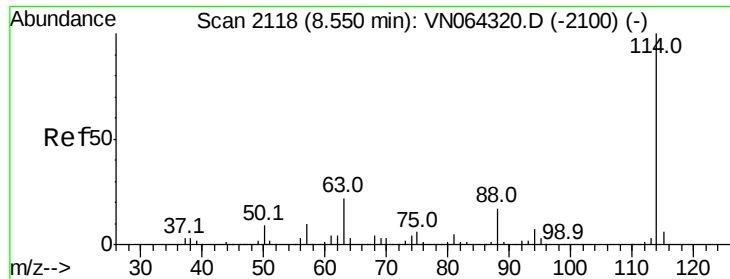
67 48.2 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

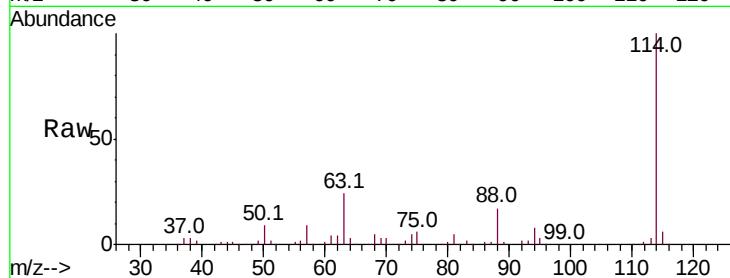




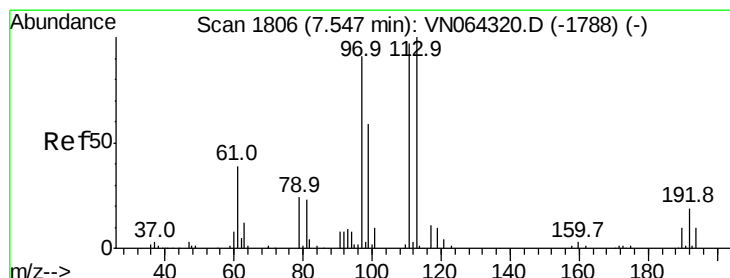
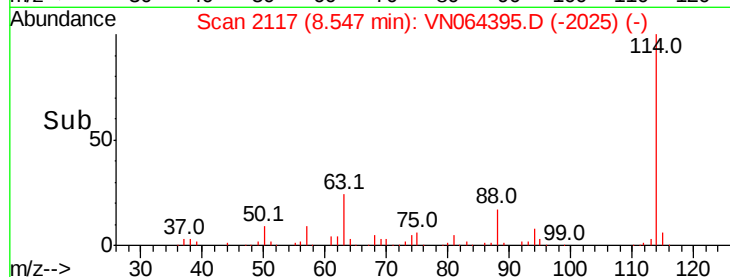
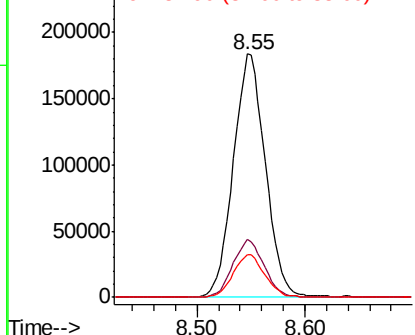
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:114 Resp: 379289
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.6
88 17.3 0.0 33.4

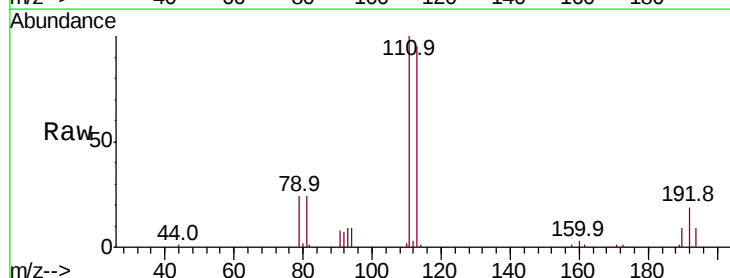


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

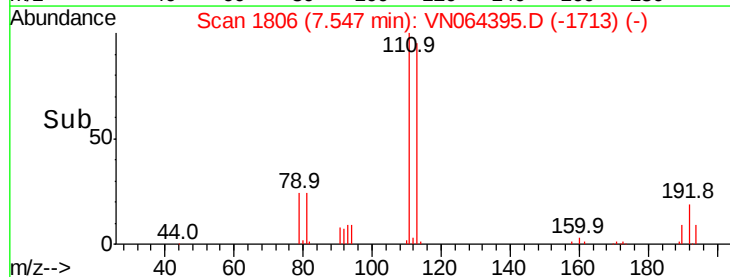
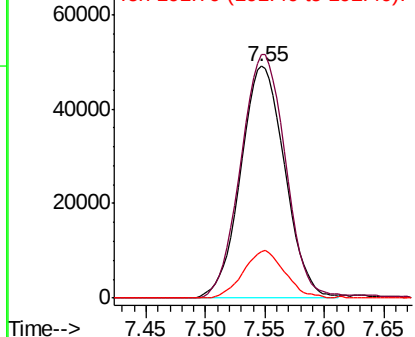


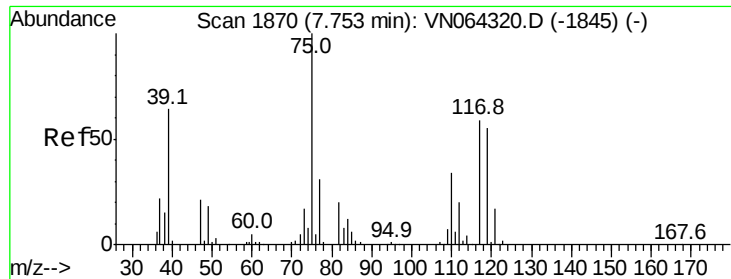
#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

Tgt Ion:113 Resp: 126192
Ion Ratio Lower Upper
113 100
111 106.4 81.5 122.3
192 19.4 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

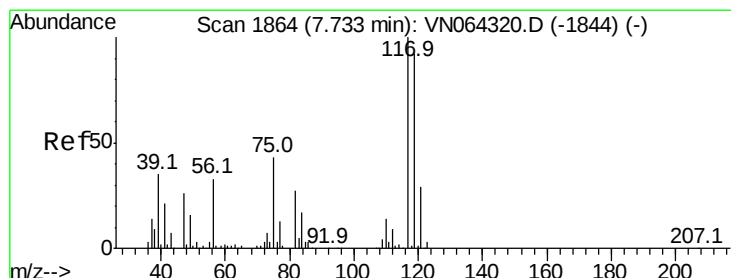
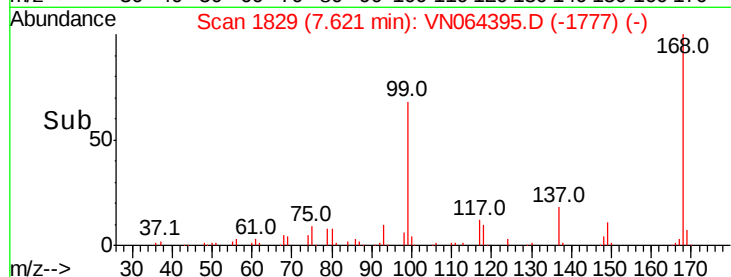
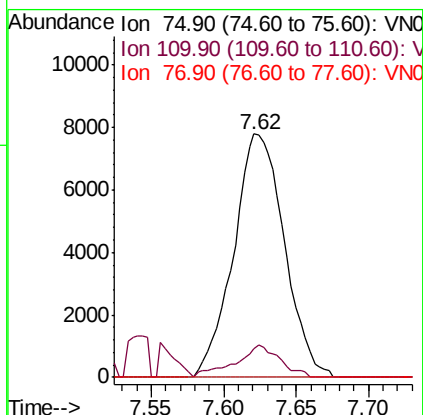
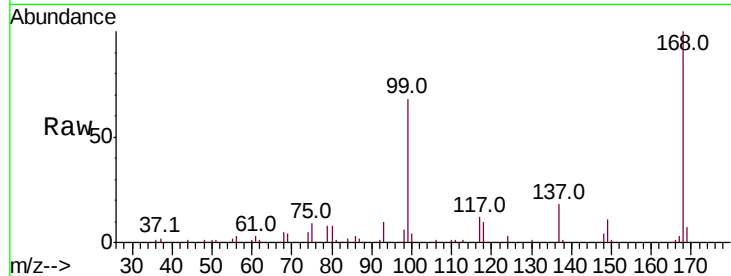




#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064395.D
 Acq: 30 Oct 2020 13:12

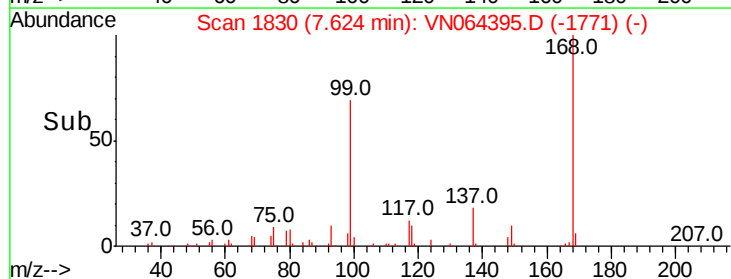
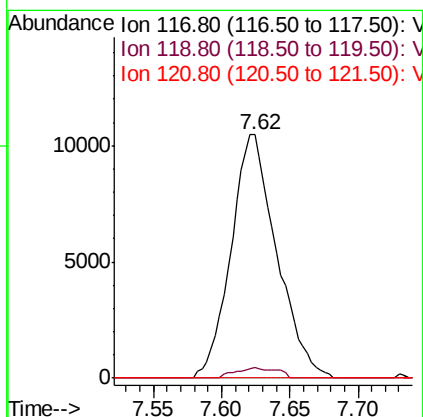
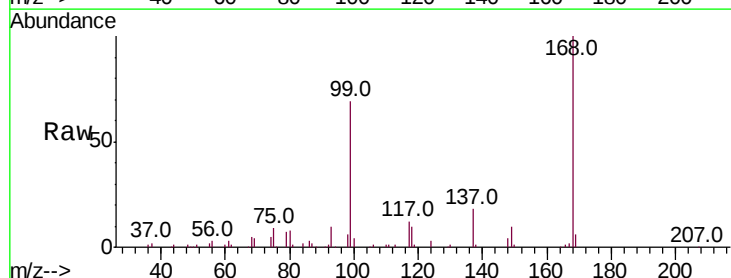
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

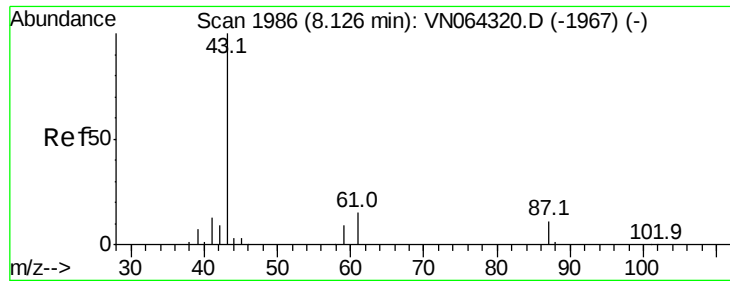
Tot Ion: 75 Resp: 18930
 Ion Ratio Lower Upper
 75 100
 110 11.7 16.8 50.3#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.476 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064395.D
 Acq: 30 Oct 2020 13:12

Tgt Ion: 117 Resp: 24303
 Ion Ratio Lower Upper
 117 100
 119 4.4 73.7 110.5#
 121 0.0 22.8 34.2#





#43

Isopropyl Acetate

Concen: 0.298 ug/l

RT: 8.16 min Scan# 1997

Delta R.T. 0.04 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

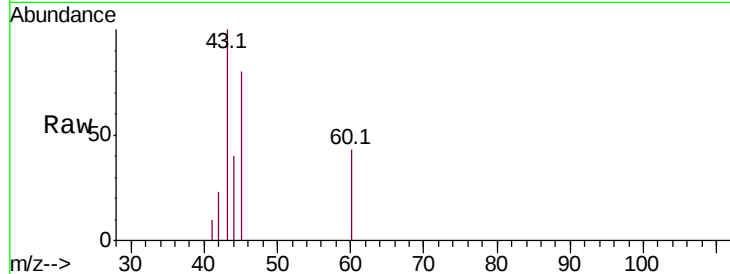
Tot Ion: 43 Resp: 1972

Ion Ratio Lower Upper

43 100

61 0.0 19.1 28.7#

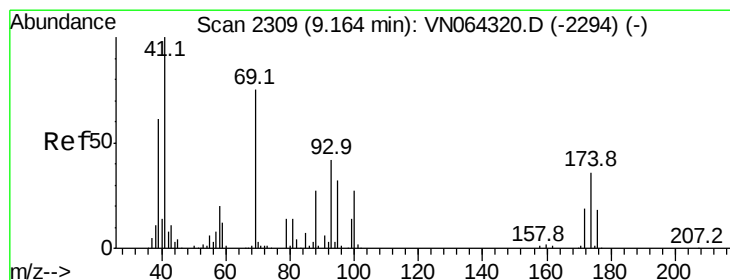
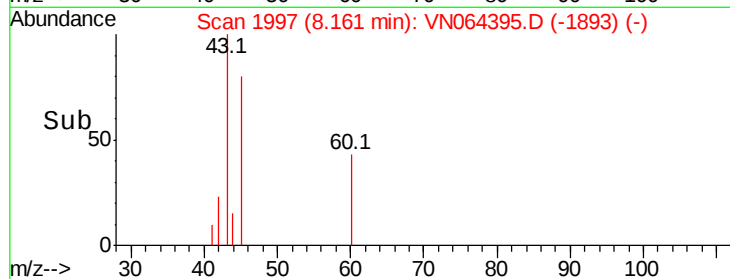
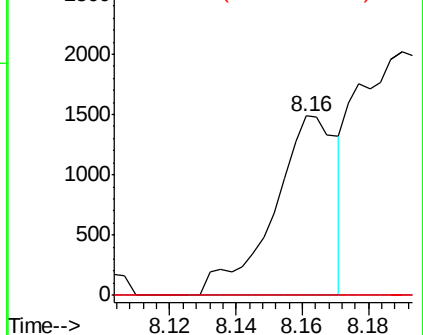
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)



#49

1,4-Dioxane

Concen: 1.293 ug/l

RT: 9.06 min Scan# 2276

Delta R.T. -0.11 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

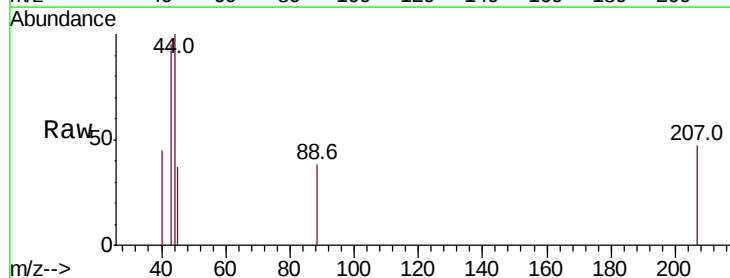
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 155.4 31.8 47.8#

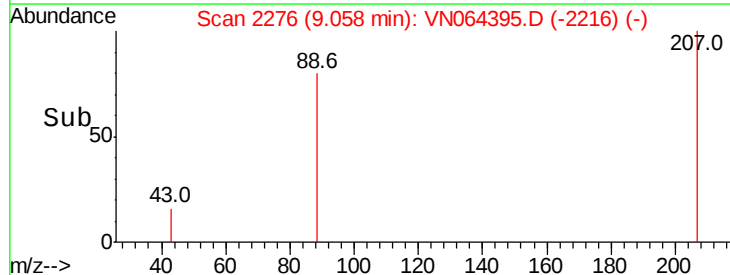
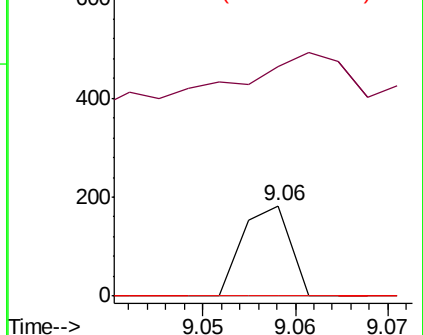
58 0.0 60.3 90.5#

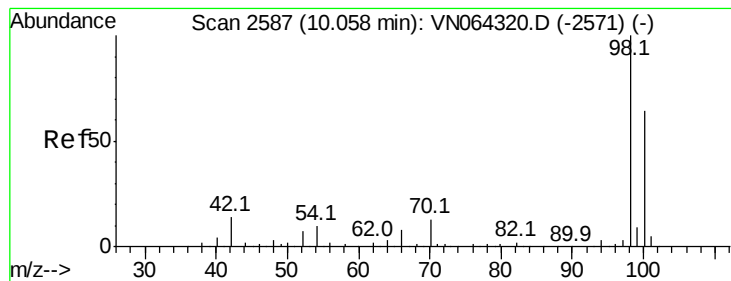


Abundance Ion 88.00 (87.70 to 88.70): VN064320.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN064320.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2294) (-)





#50

Toluene-d8

Concen: 51.342 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

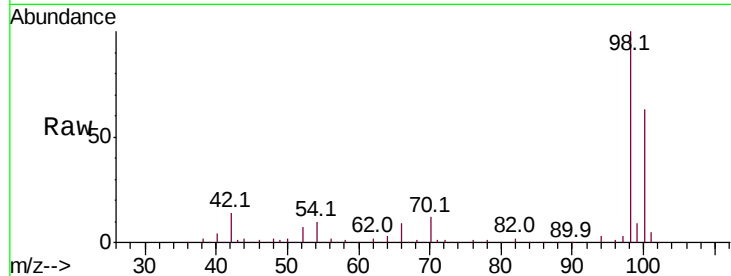
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 480348

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)

10.06

250000

200000

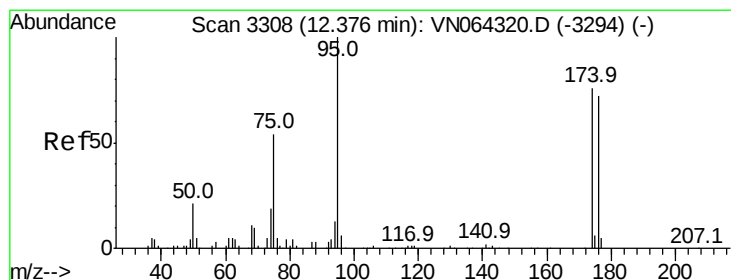
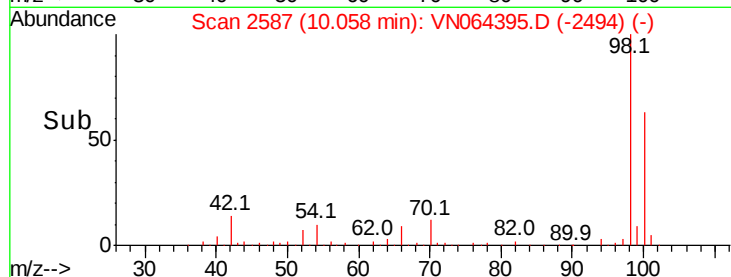
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.329 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

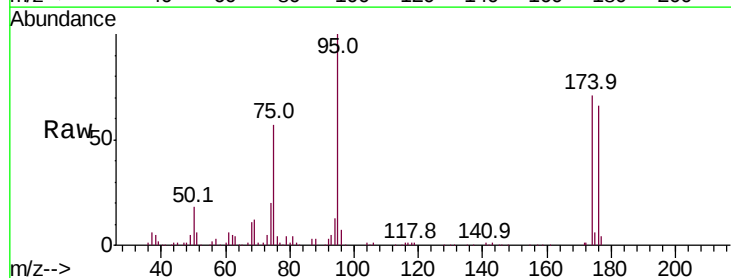
Tgt Ion: 95 Resp: 205476

Ion Ratio Lower Upper

95 100

174 72.0 0.0 147.4

176 69.2 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)

12.37

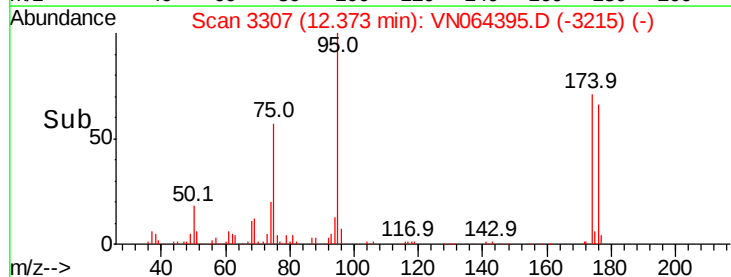
150000

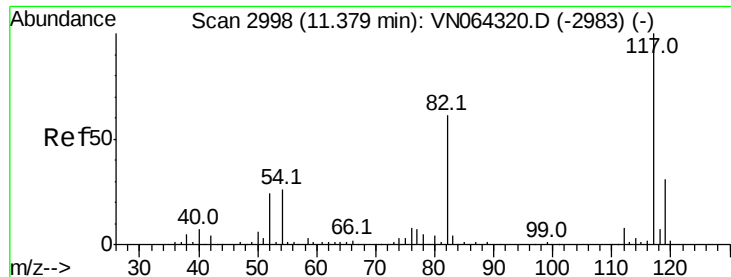
100000

50000

0

Time-->

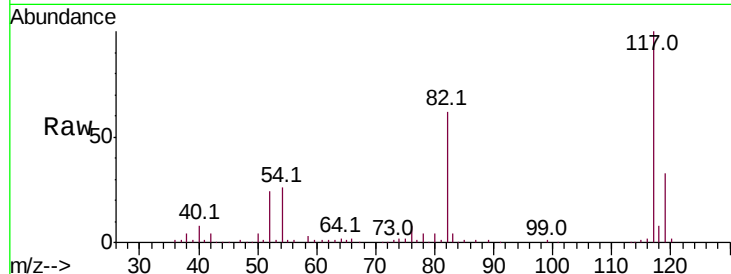




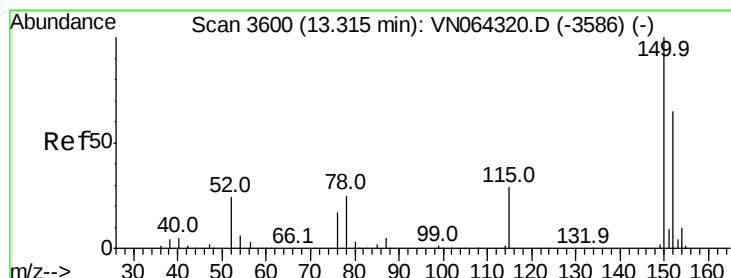
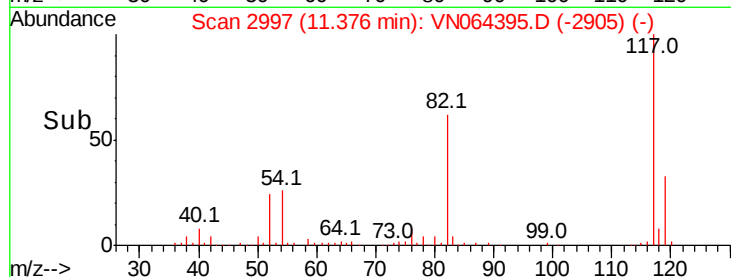
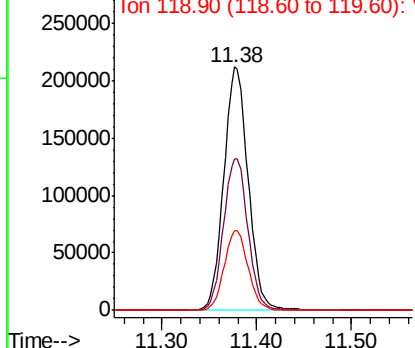
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 378955
Ion Ratio Lower Upper
117 100
82 62.2 48.8 73.2
119 32.9 25.1 37.7

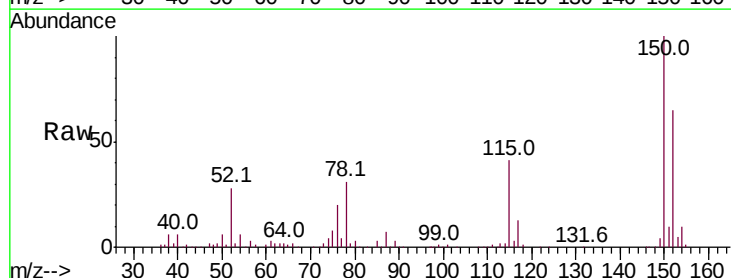


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

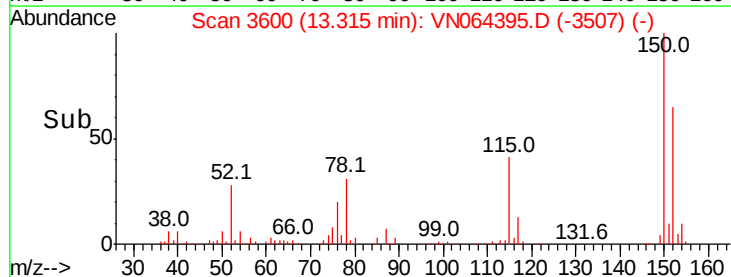
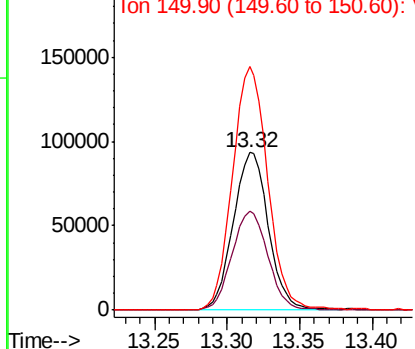


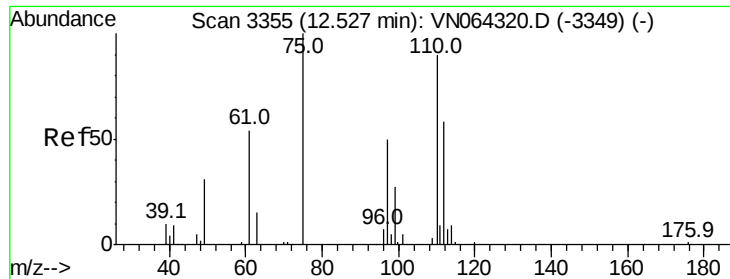
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064395.D
Acq: 30 Oct 2020 13:12

Tgt Ion:152 Resp: 157993
Ion Ratio Lower Upper
152 100
115 63.8 31.5 94.5
150 154.4 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: 30.771 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

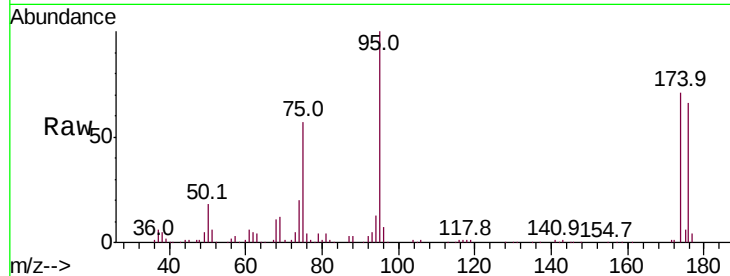
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 116422

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.37

80000

60000

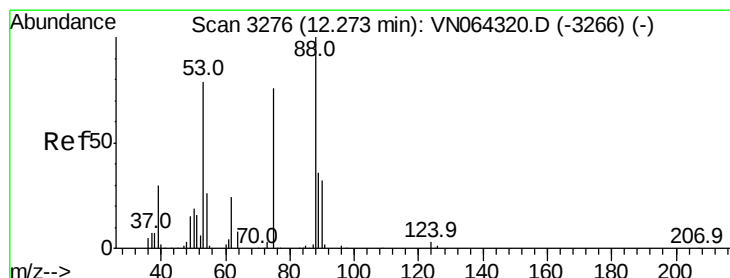
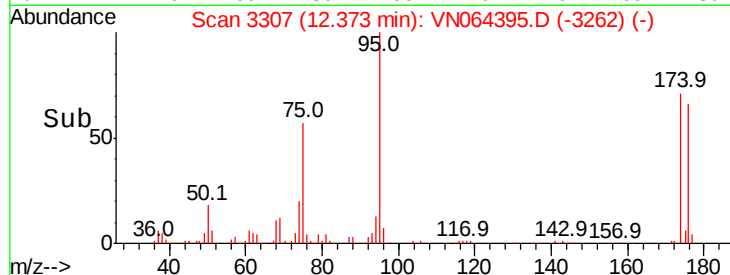
40000

20000

0

Time-->

12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 88.636 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064395.D

Acq: 30 Oct 2020 13:12

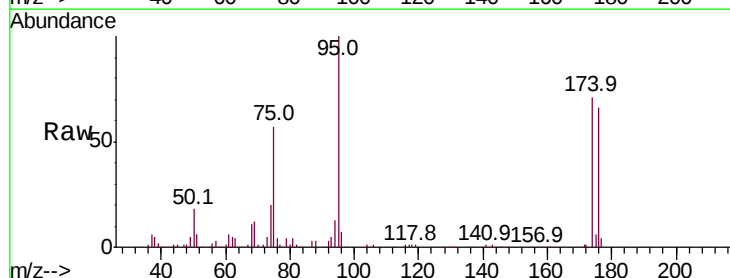
Tgt Ion: 75 Resp: 116422

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.8#

89 0.0 39.9 59.9#



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

12.37

80000

60000

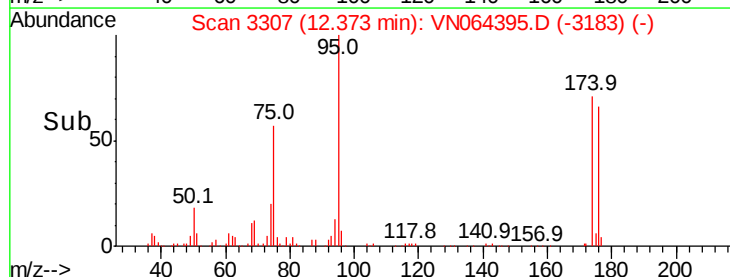
40000

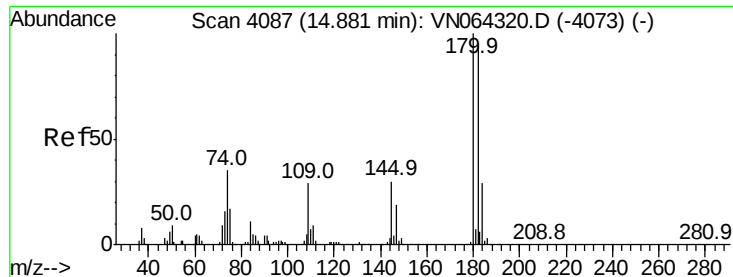
20000

0

Time-->

12.30 12.35 12.40 12.45

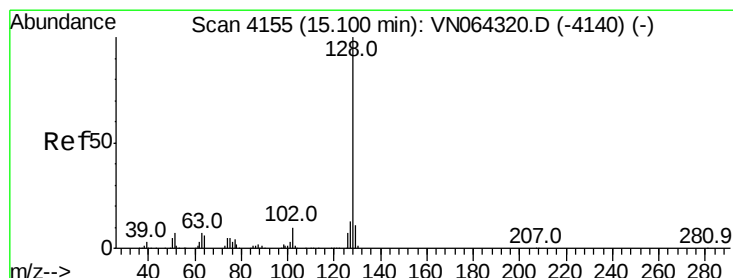
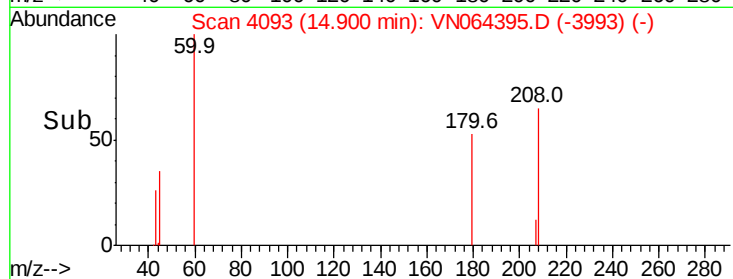
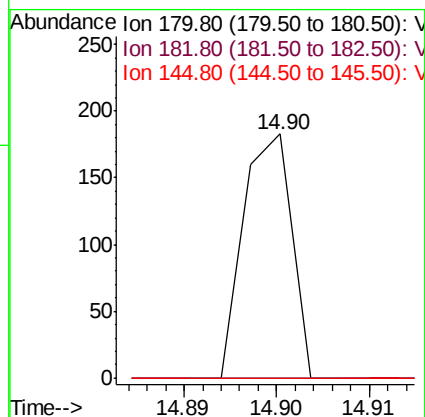
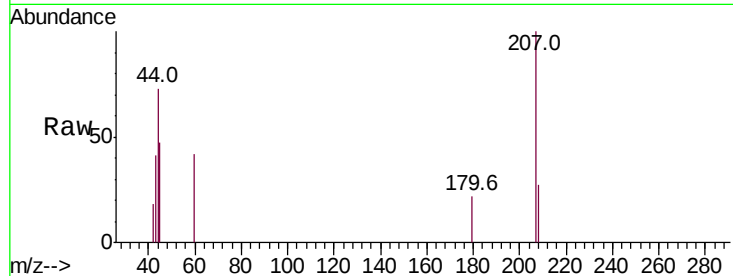




#93
 1,2,4-Trichlorobenzene
 Concen: 2.040 ug/l
 RT: 14.90 min Scan# 4093
 Delta R.T. 0.02 min
 Lab File: VN064395.D
 Acq: 30 Oct 2020 13:12

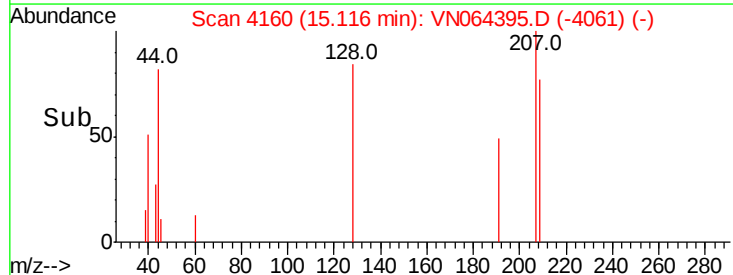
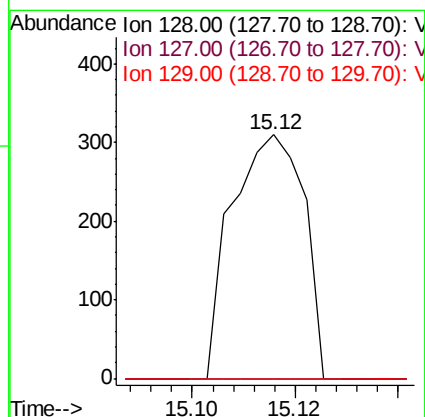
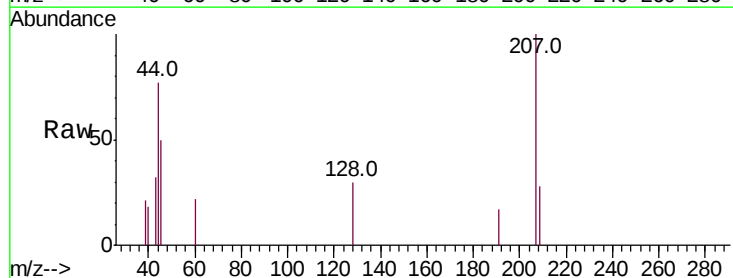
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

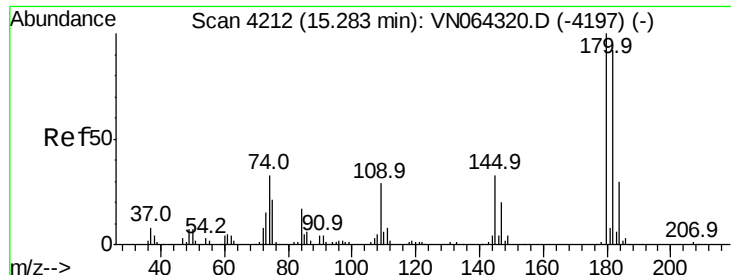
Tot Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.6 139.7#
 145 0.0 15.3 45.9#



#95
 Naphthalene
 Concen: 2.424 ug/l
 RT: 15.12 min Scan# 4160
 Delta R.T. 0.02 min
 Lab File: VN064395.D
 Acq: 30 Oct 2020 13:12

Tgt Ion:128 Resp: 299
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.6 13.0#

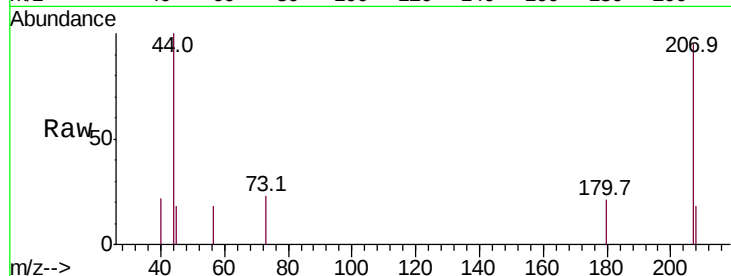




#96
 1,2,3-Trichlorobenzene
 Concen: 2.215 ug/l
 RT: 15.28 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: VN064395.D
 Acq: 30 Oct 2020 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tot Ion:180 Resp: 97
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.1 138.3#
 145 0.0 16.2 48.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

